

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN122420\  
 Data File : VN065253.D  
 Acq On : 24 Dec 2020 11:45  
 Operator : JC/MD  
 Sample : VN1224WBS01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1224WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 12/28/2020 11:03:35 AM

Quant Time: Dec 25 02:34:41 2020  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N122220w.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 22 15:42:18 2020  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 7.627  | 168  | 275270   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.550  | 114  | 412508   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.379 | 117  | 374154   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.318 | 152  | 177168   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |         |
|---------------------------|--------|-------|----------|----------|------|---------|
| 33) 1,2-Dichloroethane-d4 | 7.990  | 65    | 154735   | 49.79    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 61 - 141 | Recovery | =    | 99.58%  |
| 35) Dibromofluoromethane  | 7.553  | 113   | 125691   | 50.50    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 69 - 133 | Recovery | =    | 101.00% |
| 50) Toluene-d8            | 10.058 | 98    | 470641   | 50.46    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 65 - 126 | Recovery | =    | 100.92% |
| 62) 4-Bromofluorobenzene  | 12.376 | 95    | 168721   | 46.17    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 58 - 135 | Recovery | =    | 92.34%  |

## Target Compounds

|                              |       |     |        |       |      | Qvalue |
|------------------------------|-------|-----|--------|-------|------|--------|
| 2) Dichlorodifluoromethane   | 1.840 | 85  | 47363  | 18.60 | ug/l | 99     |
| 3) Chloromethane             | 2.045 | 50  | 55804  | 19.25 | ug/l | 99     |
| 4) Vinyl Chloride            | 2.174 | 62  | 58492  | 19.40 | ug/l | 98     |
| 5) Bromomethane              | 2.537 | 94  | 40545  | 18.91 | ug/l | 96     |
| 6) Chloroethane              | 2.682 | 64  | 35933  | 18.43 | ug/l | 97     |
| 7) Trichlorofluoromethane    | 2.994 | 101 | 81049  | 17.96 | ug/l | 98     |
| 8) Diethyl Ether             | 3.383 | 74  | 31637  | 17.81 | ug/l | 99     |
| 9) 1,1,2-Trichlorotrifluo... | 3.717 | 101 | 46338  | 18.31 | ug/l | 99     |
| 10) Methyl Iodide            | 3.910 | 142 | 66762  | 17.46 | ug/l | 95     |
| 11) Tert butyl alcohol       | 4.775 | 59  | 47343  | 93.11 | ug/l | 98     |
| 12) 1,1-Dichloroethene       | 3.695 | 96  | 47449  | 17.55 | ug/l | 96     |
| 13) Acrolein                 | 3.573 | 56  | 27824  | 82.54 | ug/l | 99     |
| 14) Allyl chloride           | 4.274 | 41  | 82174  | 18.44 | ug/l | 94     |
| 15) Acrylonitrile            | 4.942 | 53  | 116275 | 94.63 | ug/l | 97     |
| 16) Acetone                  | 3.785 | 43  | 106710 | 74.27 | ug/l | 100    |
| 17) Carbon Disulfide         | 4.004 | 76  | 127687 | 18.46 | ug/l | 100    |
| 18) Methyl Acetate           | 4.290 | 43  | 53405  | 19.14 | ug/l | 97     |
| 19) Methyl tert-butyl Ether  | 5.003 | 73  | 157149 | 18.30 | ug/l | 100    |
| 20) Methylene Chloride       | 4.505 | 84  | 53350  | 17.60 | ug/l | 98     |
| 21) trans-1,2-Dichloroethene | 4.987 | 96  | 50221  | 18.92 | ug/l | 99     |
| 22) Diisopropyl ether        | 5.913 | 45  | 163418 | 18.42 | ug/l | 94     |
| 23) Vinyl Acetate            | 5.852 | 43  | 696699 | 93.18 | ug/l | 98     |
| 24) 1,1-Dichloroethane       | 5.801 | 63  | 91631  | 18.83 | ug/l | 99     |
| 25) 2-Butanone               | 6.798 | 43  | 158870 | 91.06 | ug/l | 98     |
| 26) 2,2-Dichloropropane      | 6.778 | 77  | 81826  | 17.60 | ug/l | 99     |
| 27) cis-1,2-Dichloroethene   | 6.785 | 96  | 58164  | 18.83 | ug/l | 99     |
| 28) Bromochloromethane       | 7.151 | 49  | 37748  | 17.48 | ug/l | 100    |
| 29) Tetrahydrofuran          | 7.180 | 42  | 107404 | 95.20 | ug/l | 97     |
| 30) Chloroform               | 7.331 | 83  | 94125  | 18.79 | ug/l | 98     |
| 31) Cyclohexane              | 7.614 | 56  | 83905  | 18.29 | ug/l | 92     |
| 32) 1,1,1-Trichloroethane    | 7.531 | 97  | 83163  | 18.32 | ug/l | 98     |
| 36) 1,1-Dichloropropene      | 7.753 | 75  | 69554  | 18.54 | ug/l | 98     |
| 37) Ethyl Acetate            | 6.894 | 43  | 69539  | 18.70 | ug/l | 96     |
| 38) Carbon Tetrachloride     | 7.733 | 117 | 70837  | 17.98 | ug/l | 100    |
| 39) Methylcyclohexane        | 9.045 | 83  | 83092  | 18.44 | ug/l | 99     |
| 40) Benzene                  | 8.003 | 78  | 209159 | 18.75 | ug/l | 95     |
| 41) Methacrylonitrile        | 7.135 | 41  | 32130  | 16.61 | ug/l | 89     |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN122420\  
 Data File : VN065253.D  
 Acq On : 24 Dec 2020 11:45  
 Operator : JC/MD  
 Sample : VN1224WBS01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1224WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 12/28/2020 11:03:35 AM

Quant Time: Dec 25 02:34:41 2020  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N122220w.M  
 Quant Title : Sw846 8260  
 QLast Update : Tue Dec 22 15:42:18 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 42) 1,2-Dichloroethane        | 8.090  | 62   | 75663    | 18.35  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.132  | 43   | 117775   | 18.38  | ug/l   | 98       |
| 44) Trichloroethene           | 8.801  | 130  | 60574    | 18.81  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.084  | 63   | 54000    | 18.62  | ug/l   | 99       |
| 46) Dibromomethane            | 9.174  | 93   | 36142    | 18.35  | ug/l   | 93       |
| 47) Bromodichloromethane      | 9.370  | 83   | 75912    | 18.28  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.167  | 41   | 57055    | 18.34  | ug/l   | 94       |
| 49) 1,4-Dioxane               | 9.171  | 88   | 19256    | 381.98 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 9.955  | 43   | 339759   | 94.31  | ug/l   | 97       |
| 52) Toluene                   | 10.125 | 92   | 130396   | 18.54  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.351 | 75   | 83980    | 17.94  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 9.807  | 75   | 91221    | 18.34  | ug/l # | 92       |
| 55) 1,1,2-Trichloroethane     | 10.534 | 97   | 52698    | 18.94  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.402 | 69   | 78365    | 18.18  | ug/l   | 90       |
| 57) 1,3-Dichloropropane       | 10.679 | 76   | 86965    | 18.94  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.662  | 63   | 163838   | 87.40  | ug/l   | 100      |
| 59) 2-Hexanone                | 10.724 | 43   | 245761   | 92.79  | ug/l   | 95       |
| 60) Dibromochloromethane      | 10.875 | 129  | 60286    | 18.18  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 10.978 | 107  | 55723    | 18.65  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.601 | 164  | 68752    | 18.92  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.405 | 112  | 142655   | 18.73  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.482 | 131  | 55009    | 18.56  | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.482 | 91   | 250095   | 18.22  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.595 | 106  | 190121   | 36.77  | ug/l   | 100      |
| 69) o-Xylene                  | 11.920 | 106  | 92198    | 18.37  | ug/l   | 98       |
| 70) Styrene                   | 11.936 | 104  | 153990   | 18.39  | ug/l   | 99       |
| 71) Bromoform                 | 12.100 | 173  | 45753    | 17.93  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.222 | 105  | 245001   | 18.16  | ug/l   | 100      |
| 74) N-ethyl acetate           | 12.045 | 43   | 95751    | 17.82  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.479 | 83   | 68814    | 18.91  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.527 | 75   | 69122m   | 19.12  | ug/l   |          |
| 77) Bromobenzene              | 12.498 | 156  | 65006    | 18.43  | ug/l   | 94       |
| 78) n-propylbenzene           | 12.566 | 91   | 272271   | 17.87  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.646 | 91   | 161730   | 18.03  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.707 | 105  | 208028   | 18.08  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.273 | 75   | 25310    | 17.66  | ug/l   | 89       |
| 82) 4-Chlorotoluene           | 12.746 | 91   | 165340   | 17.90  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 12.968 | 119  | 178475   | 18.21  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.013 | 105  | 207609   | 18.53  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.145 | 105  | 236668   | 18.20  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.264 | 119  | 216126   | 18.13  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.257 | 146  | 108365   | 18.37  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.338 | 146  | 108739   | 18.37  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.588 | 91   | 185353   | 18.19  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.849 | 117  | 35707    | 17.42  | ug/l   | 82       |
| 91) 1,2-Dichlorobenzene       | 13.627 | 146  | 106894   | 18.87  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.244 | 75   | 13782    | 18.39  | ug/l   | 93       |
| 93) 1,2,4-Trichlorobenzene    | 14.881 | 180  | 53904    | 17.33  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 14.981 | 225  | 39824    | 17.81  | ug/l   | 100      |
| 95) Naphthalene               | 15.096 | 128  | 140848   | 17.68  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.264 | 180  | 51290    | 17.97  | ug/l   | 98       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

**Instrument :**  
MSVOA\_N  
**ClientSampleId :**  
VN1224WBS01

**Manual Integrations**  
**APPROVED**  
MMDadoda  
12/28/2020 11:03:35 AM

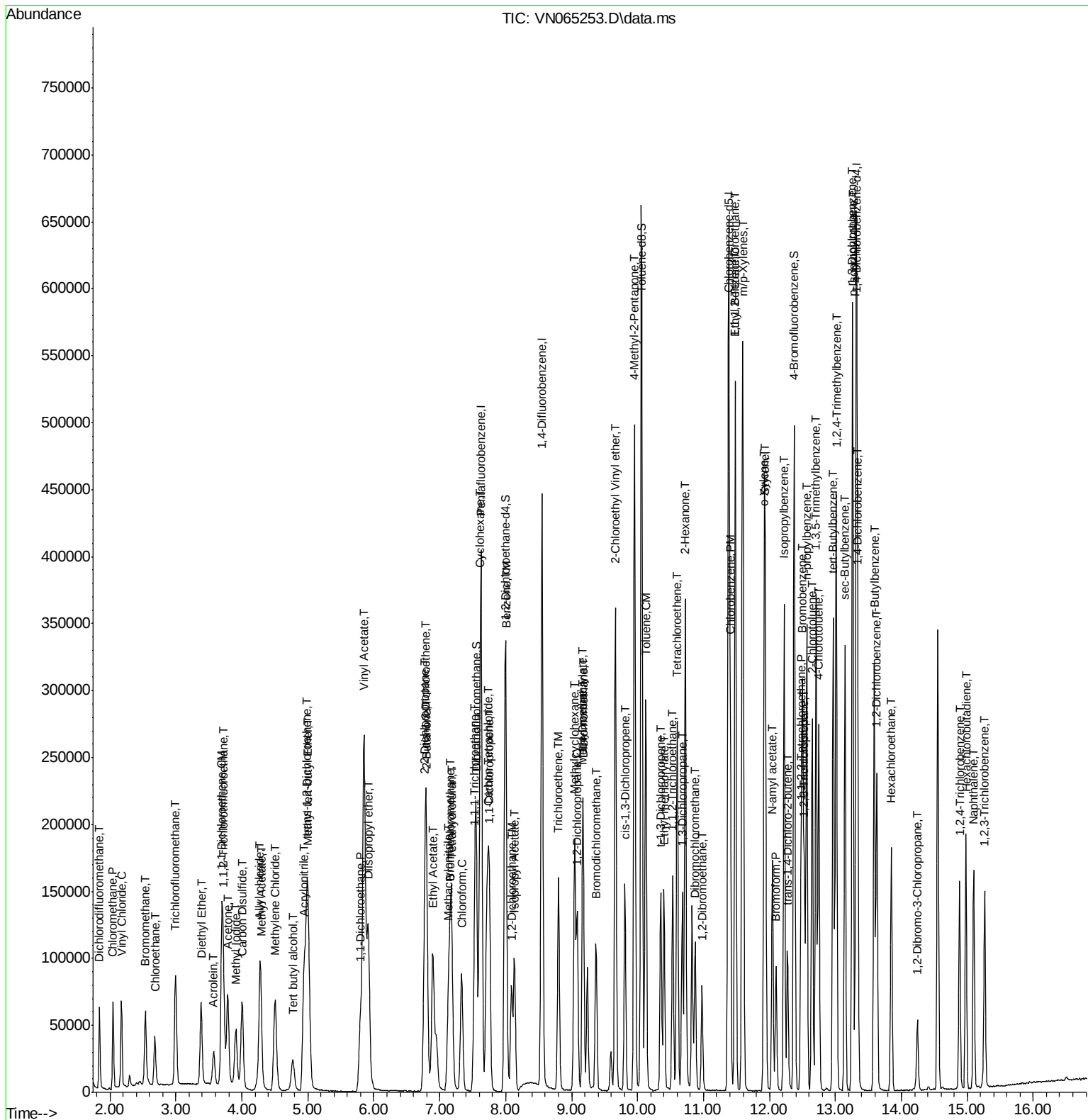
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Data File : VN065253.D  
Acq On : 24 Dec 2020 11:45  
Operator : JC/MD  
Sample : VN1224WBS01  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 6 Sample Multiplier: 1

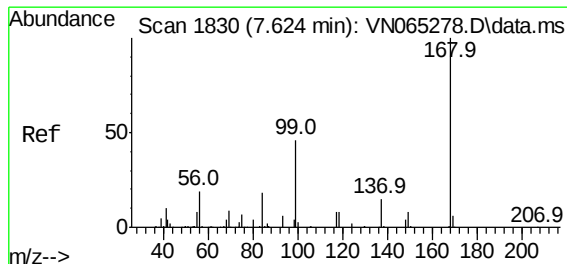
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1224WBS01

Manual Integrations  
APPROVED

MMDadoda  
12/28/2020 11:03:35 AM

Quant Time: Dec 25 02:34:41 2020  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N122220W.M  
Quant Title : SW846 8260  
QLast Update : Tue Dec 22 15:42:18 2020  
Response via : Initial Calibration



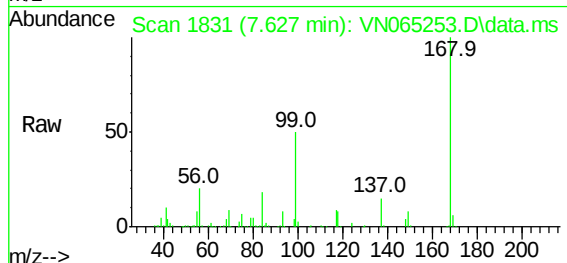


#11 (-)  
Pentafuorobenzene  
Concen: 50.00 ug/l  
RT: 7.627 min Scan# 1831  
Delta R.T. 0.000 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

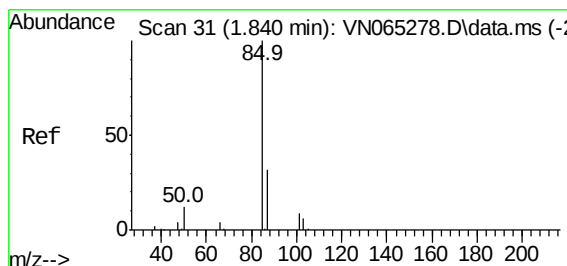
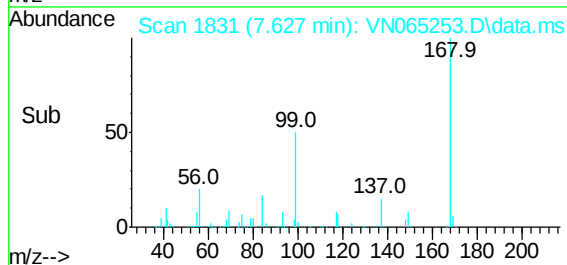
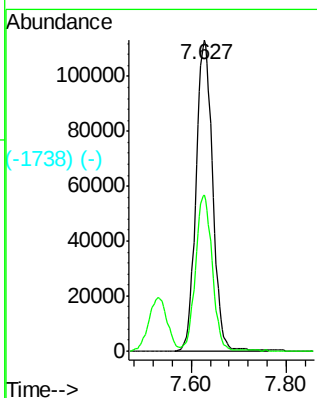
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1224WBS01

Manual Integrations  
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MMDadoda  
12/28/2020 11:03:35 AM

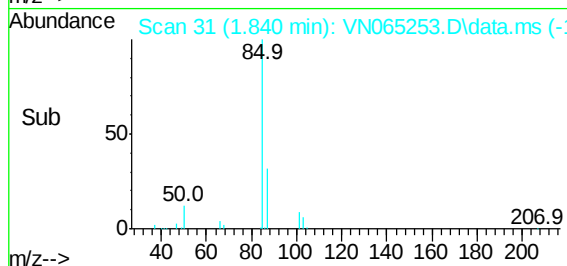
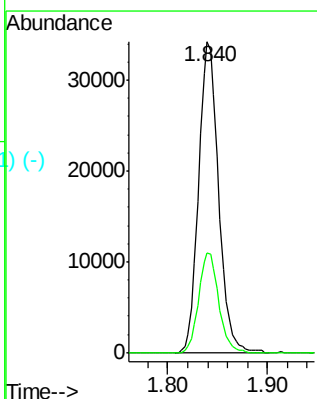
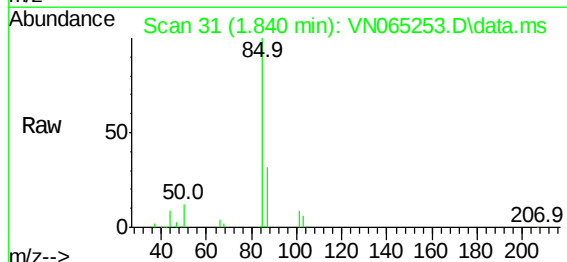


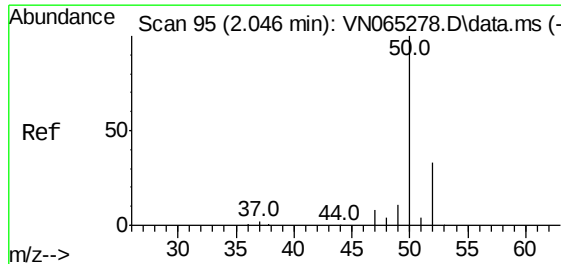
Tgt Ion:168 Resp: 275270  
Ion Ratio Lower Upper  
168 100  
99 50.2 43.0 64.4



#2 (-)  
Dichlorodifluoromethane  
Concen: 18.60 ug/l  
RT: 1.840 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

Tgt Ion: 85 Resp: 47363  
Ion Ratio Lower Upper  
85 100  
87 32.2 16.4 49.4





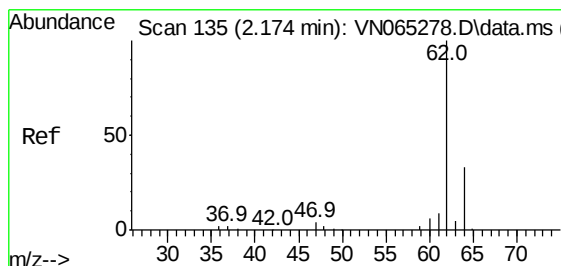
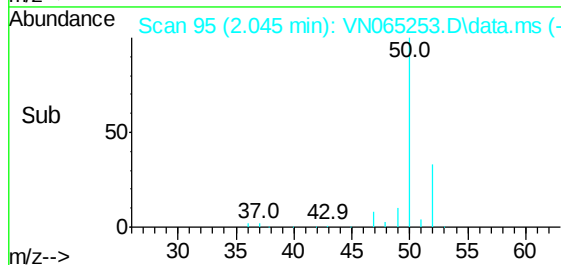
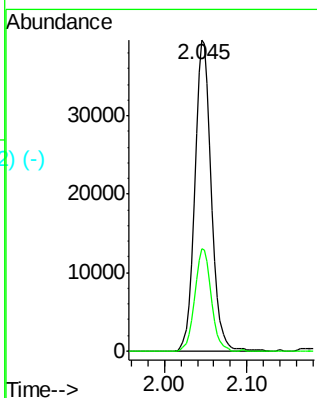
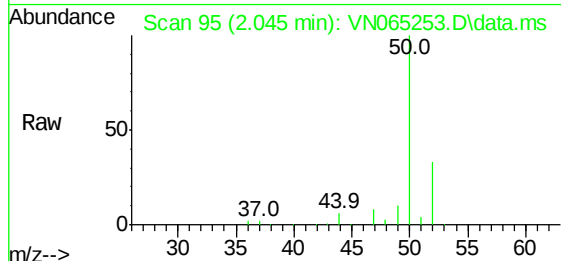
Chloromethane  
Concen: 19.25 ug/l  
RT: 2.045 min Scan# 95  
Delta R.T. -0.001 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

Tgt Ion: 50 Resp: 55804  
Ion Ratio Lower Upper  
50 100  
52 32.8 26.6 39.8

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1224WBS01

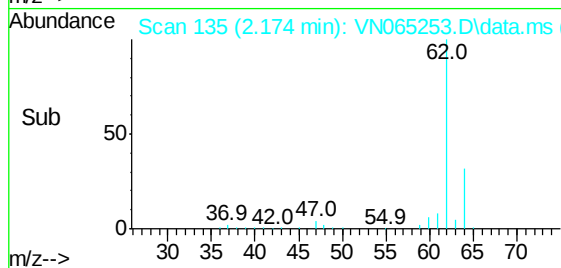
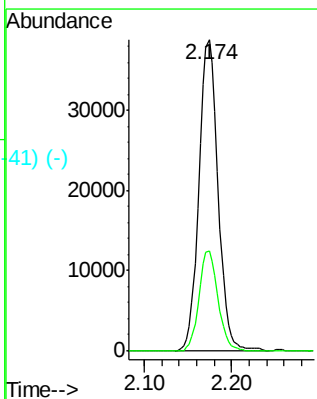
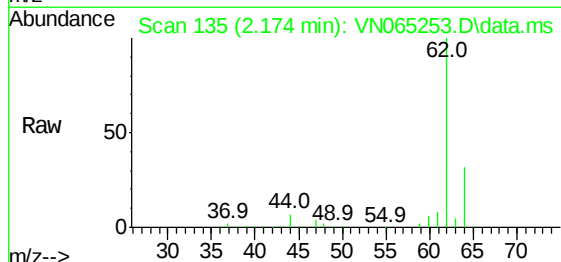
Manual Integrations  
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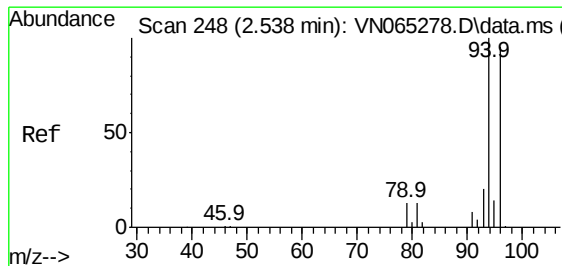
MMDadoda  
12/28/2020 11:03:35 AM



Vinyl Chloride  
Concen: 19.40 ug/l  
RT: 2.174 min Scan# 135  
Delta R.T. 0.003 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

Tgt Ion: 62 Resp: 58492  
Ion Ratio Lower Upper  
62 100  
64 32.0 26.5 39.7





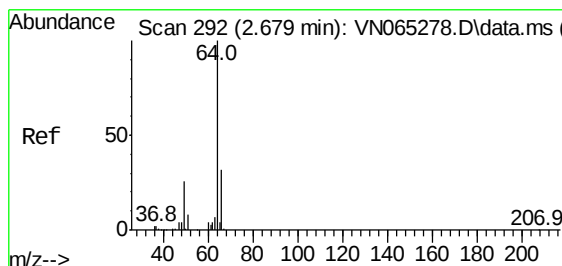
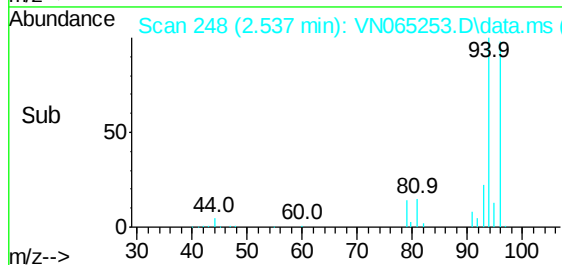
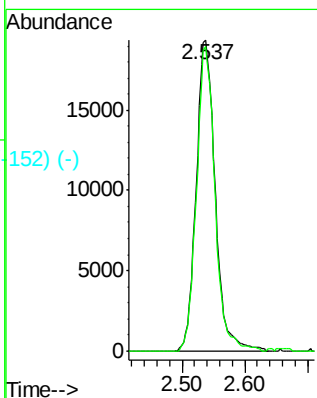
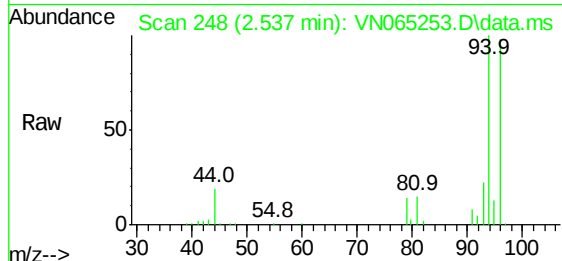
Bromomethane  
Concen: 18.91 ug/l  
RT: 2.537 min Scan# 248  
Delta R.T. 0.009 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

Tgt Ion: 94 Resp: 40545  
Ion Ratio Lower Upper  
94 100  
96 97.9 75.4 113.0

Instrument :  
MSVOA\_N  
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VN1224WBS01

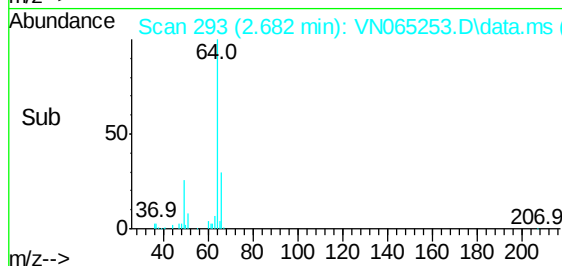
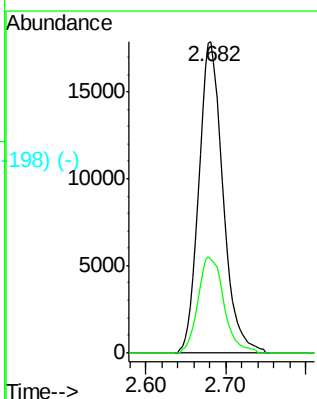
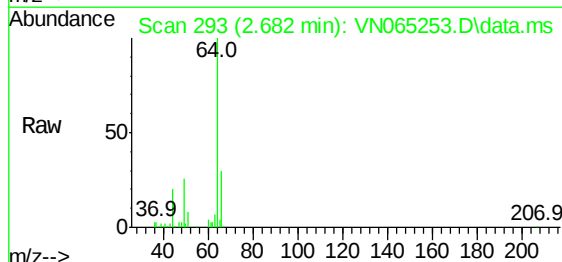
Manual Integrations  
APPROVED

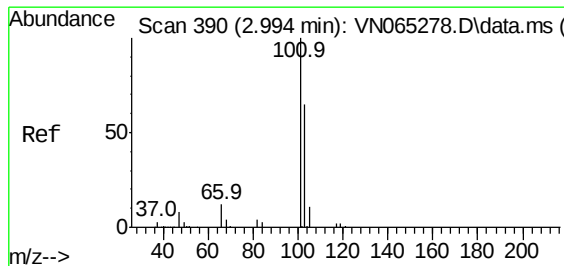
MMDadoda  
12/28/2020 11:03:35 AM



Chloroethane  
Concen: 18.43 ug/l  
RT: 2.682 min Scan# 293  
Delta R.T. 0.006 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

Tgt Ion: 64 Resp: 35933  
Ion Ratio Lower Upper  
64 100  
66 30.1 25.6 38.4





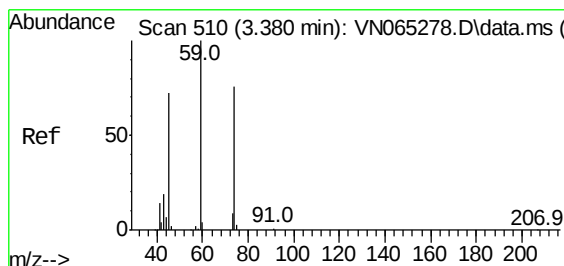
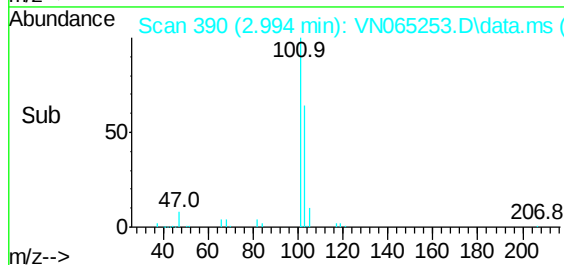
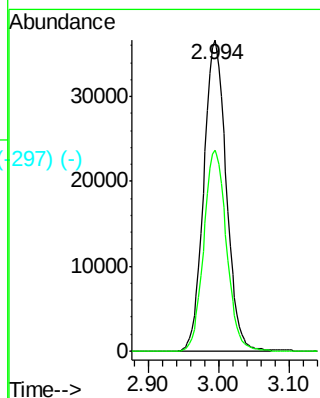
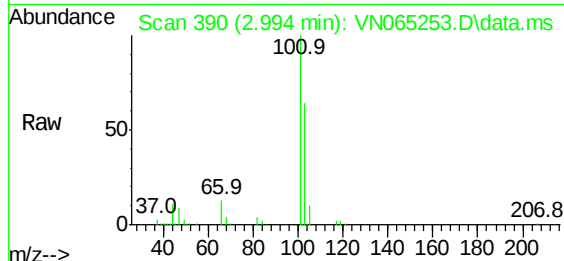
Trichlorofluoromethane  
 Concen: 17.96 ug/l  
 RT: 2.994 min Scan# 390  
 Delta R.T. -0.000 min  
 Lab File: VN065253.D  
 Acq: 24 Dec 2020 11:45

Tgt Ion: 101 Resp: 81049  
 Ion Ratio Lower Upper  
 101 100  
 103 64.5 50.5 75.7

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1224WBS01

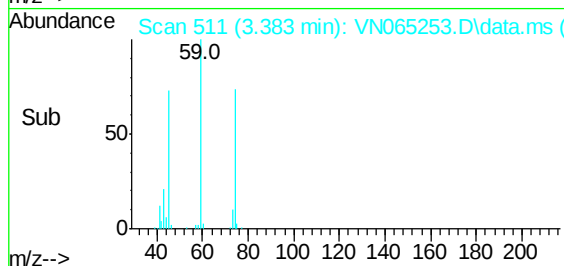
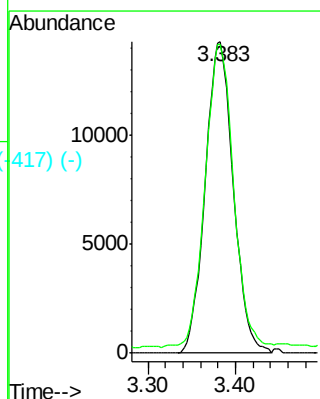
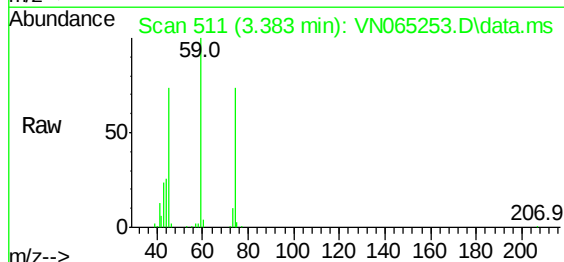
Manual Integrations  
 APPROVED

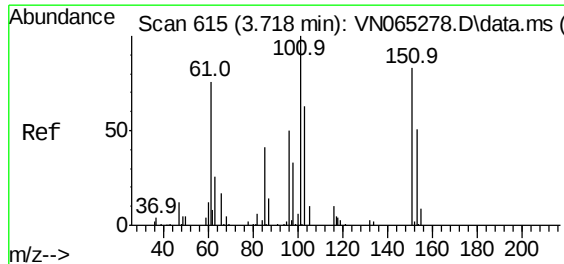
MMDadoda  
 12/28/2020 11:03:35 AM



Diethyl Ether  
 Concen: 17.81 ug/l  
 RT: 3.383 min Scan# 511  
 Delta R.T. 0.003 min  
 Lab File: VN065253.D  
 Acq: 24 Dec 2020 11:45

Tgt Ion: 74 Resp: 31637  
 Ion Ratio Lower Upper  
 74 100  
 45 96.8 48.9 146.8





1,1,2-Trichlorotrifluoroethane  
Concen: 18.31 ug/l  
RT: 3.717 min Scan# 615  
Delta R.T. 0.000 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

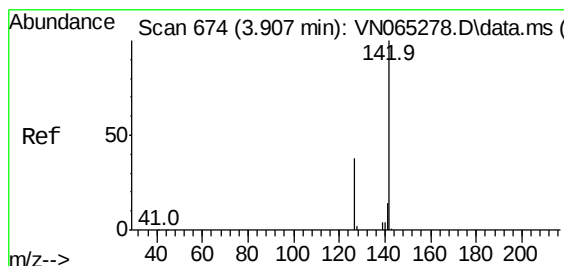
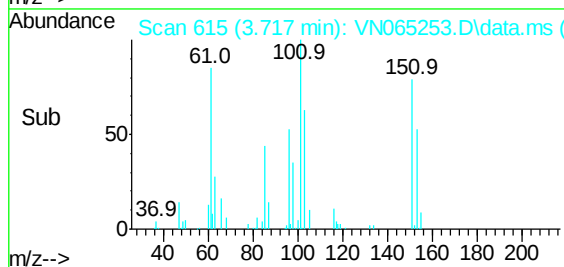
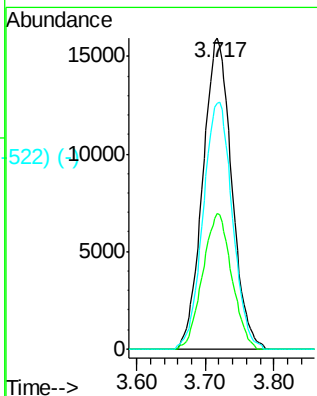
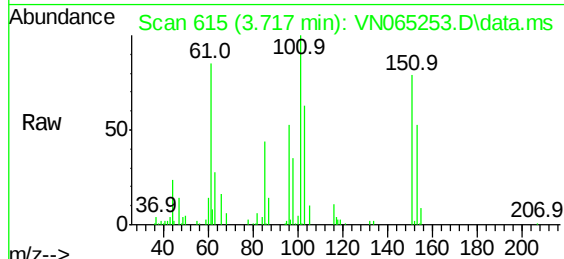
Tgt Ion:101 Resp: 46338

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 101 | 100   |       |       |
| 85  | 43.8  | 34.4  | 51.6  |
| 151 | 80.5  | 64.0  | 96.0  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1224WBS01

Manual Integrations  
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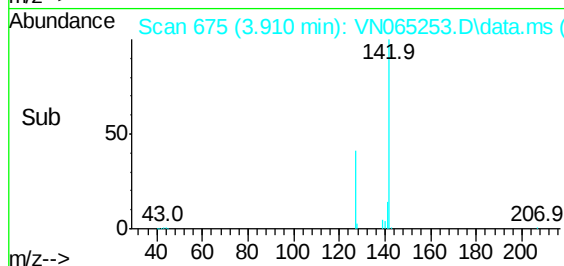
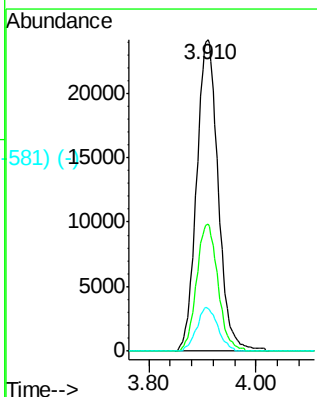
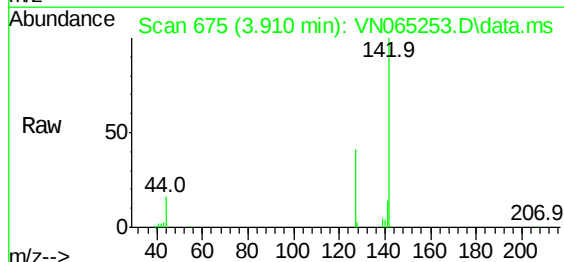
MMDadoda  
12/28/2020 11:03:35 AM

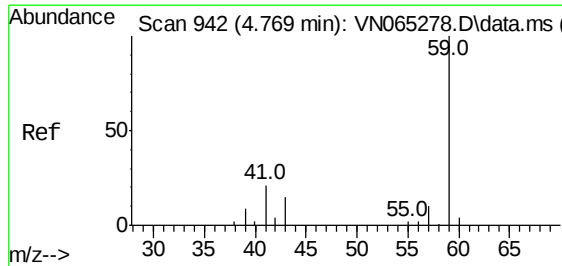


Methyl Iodide  
Concen: 17.46 ug/l  
RT: 3.910 min Scan# 675  
Delta R.T. 0.003 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

Tgt Ion:142 Resp: 66762

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 127 | 40.1  | 35.0  | 52.6  |
| 141 | 13.5  | 11.8  | 17.6  |





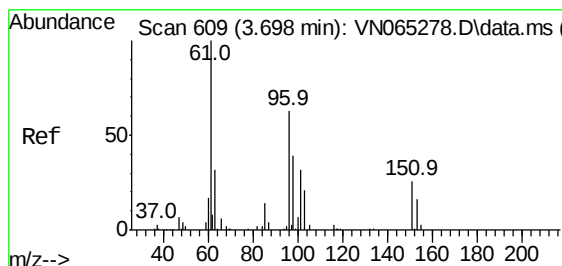
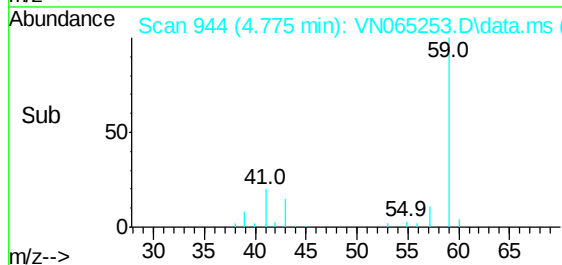
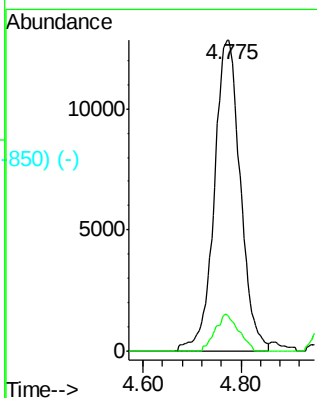
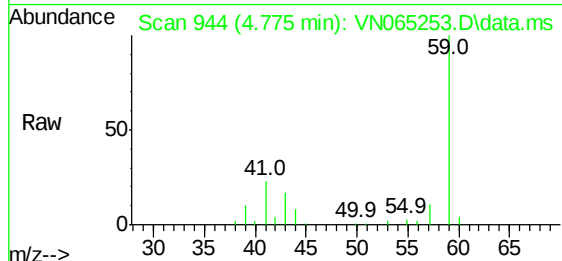
Tert butyl alcohol  
 Concen: 93.11 ug/l  
 RT: 4.775 min Scan# 944  
 Delta R.T. 0.003 min  
 Lab File: VN065253.D  
 Acq: 24 Dec 2020 11:45

Tgt Ion: 59 Resp: 47343  
 Ion Ratio Lower Upper  
 59 100  
 57 10.5 7.9 11.9

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1224WBS01

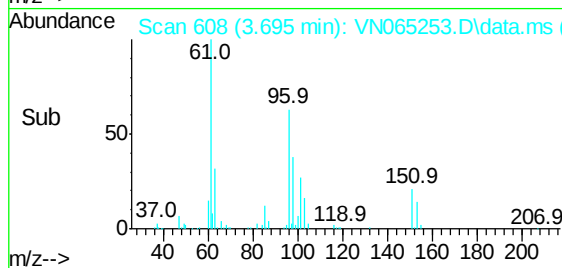
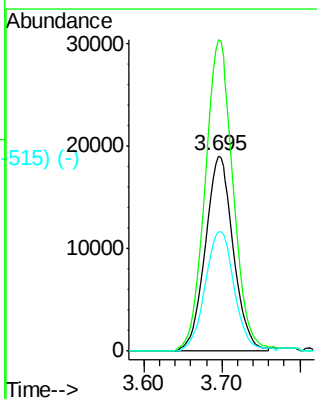
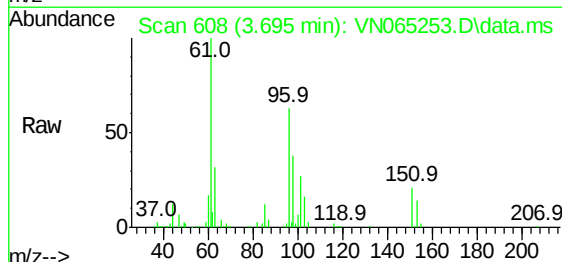
Manual Integrations  
 APPROVED

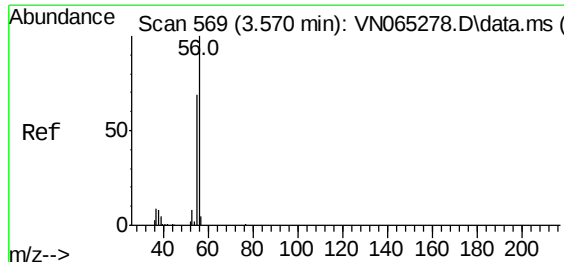
MMDadoda  
 12/28/2020 11:03:35 AM



1,1-Dichloroethene  
 Concen: 17.55 ug/l  
 RT: 3.695 min Scan# 608  
 Delta R.T. -0.000 min  
 Lab File: VN065253.D  
 Acq: 24 Dec 2020 11:45

Tgt Ion: 96 Resp: 47449  
 Ion Ratio Lower Upper  
 96 100  
 61 160.0 123.4 185.2  
 98 61.2 49.8 74.8





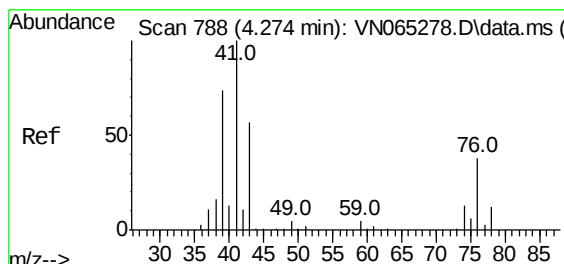
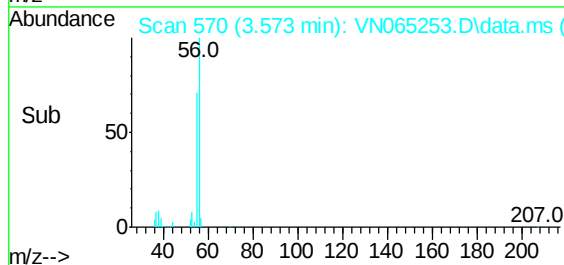
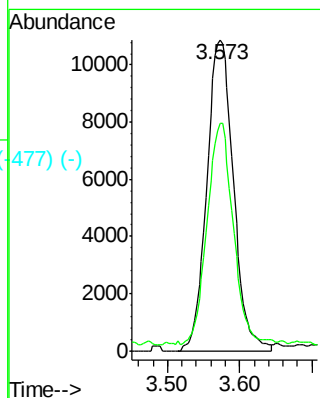
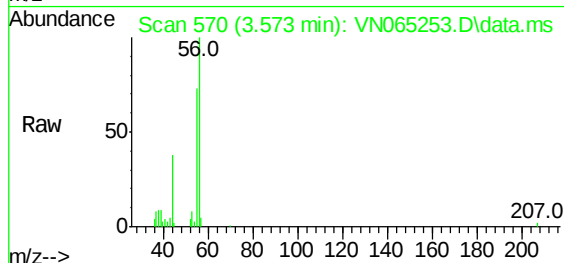
#569 (-)  
Acrolein  
Concen: 82.54 ug/l  
RT: 3.573 min Scan# 570  
Delta R.T. -0.000 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

Tgt Ion: 56 Resp: 27824  
Ion Ratio Lower Upper  
56 100  
55 69.7 56.5 84.7

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1224WBS01

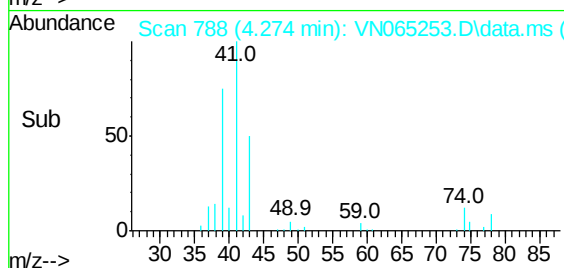
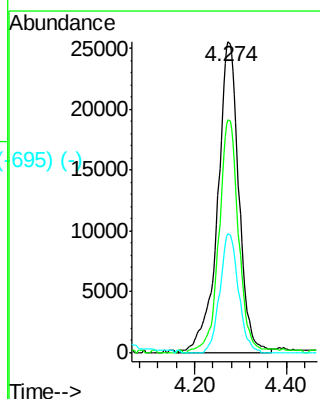
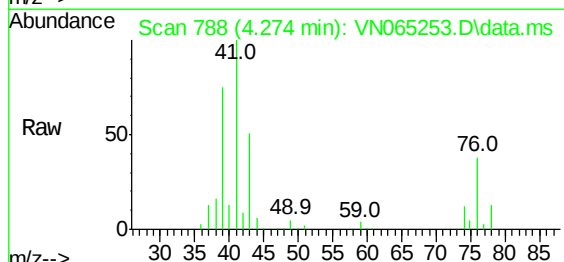
Manual Integrations  
APPROVED

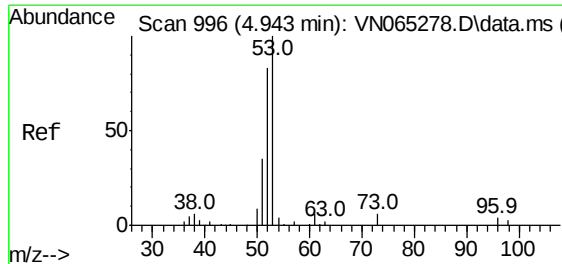
MMDadoda  
12/28/2020 11:03:35 AM



#788 (-)  
Allyl chloride  
Concen: 18.44 ug/l  
RT: 4.274 min Scan# 788  
Delta R.T. -0.000 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

Tgt Ion: 41 Resp: 82174  
Ion Ratio Lower Upper  
41 100  
39 68.9 50.9 76.3  
76 33.3 29.0 43.4





Acrylonitrile  
Concen: 94.63 ug/l  
RT: 4.942 min Scan# 996  
Delta R.T. -0.001 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

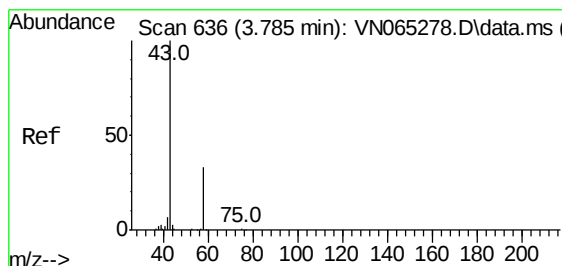
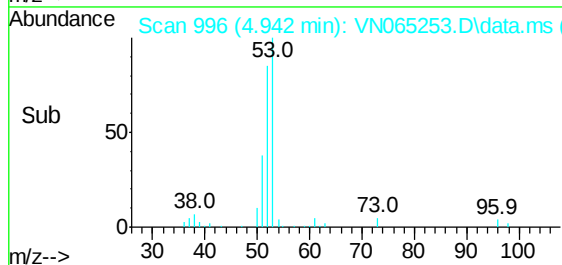
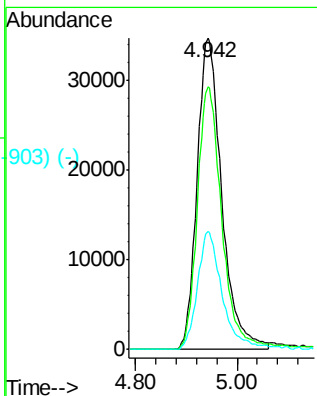
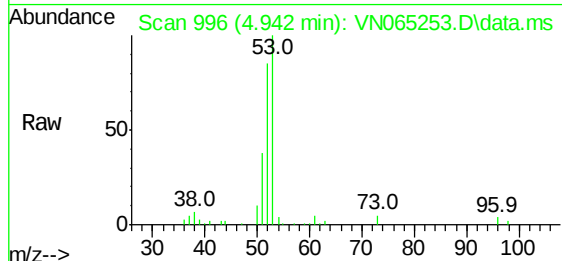
Tgt Ion: 53 Resp: 116275

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 84.2  | 65.5  | 98.3  |
| 51  | 37.5  | 28.6  | 43.0  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1224WBS01

Manual Integrations  
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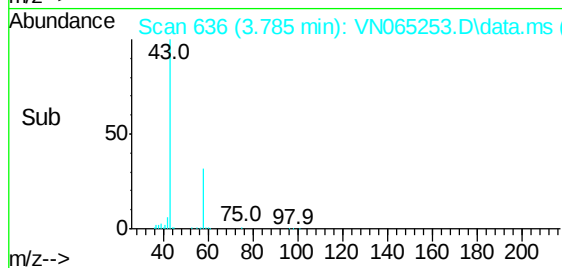
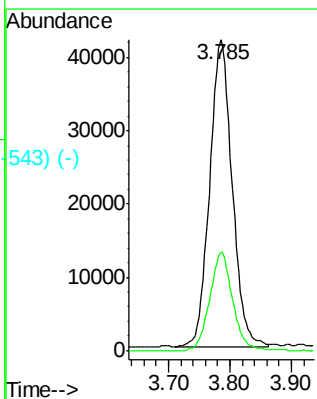
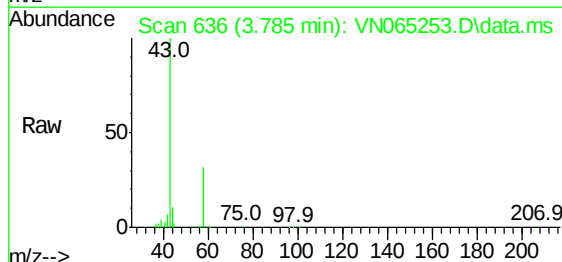
MMDadoda  
12/28/2020 11:03:35 AM

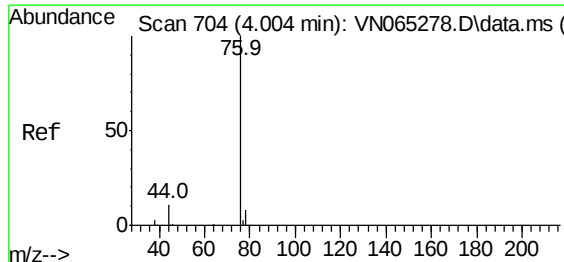


Acetone  
Concen: 74.27 ug/l  
RT: 3.785 min Scan# 636  
Delta R.T. -0.000 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

Tgt Ion: 43 Resp: 106710

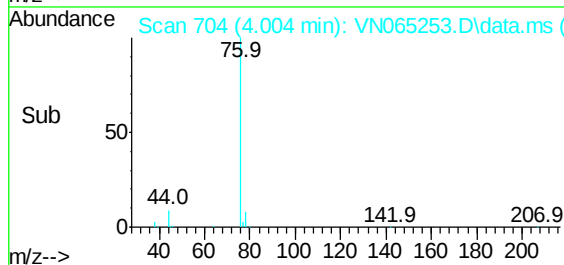
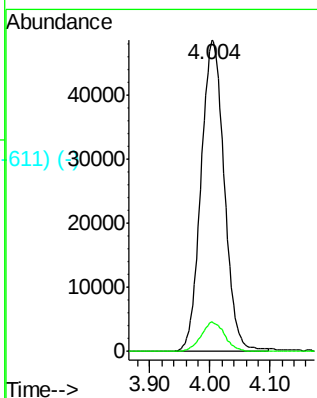
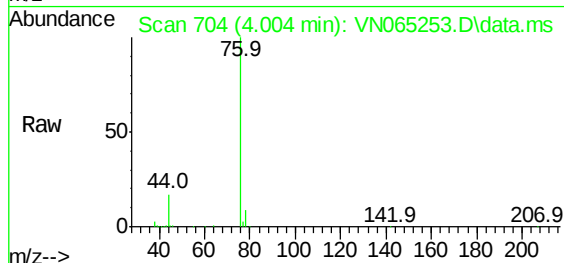
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 32.0  | 25.7  | 38.5  |





Carbon Disulfide  
Concen: 18.46 ug/l  
RT: 4.004 min Scan# 704  
Delta R.T. -0.000 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

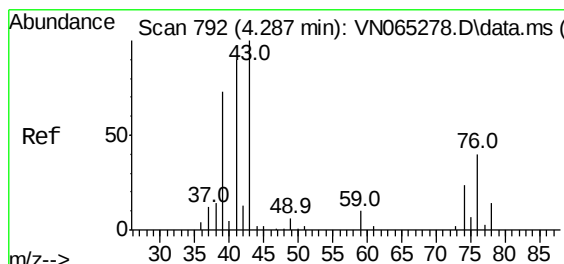
Tgt Ion: 76 Resp: 127687  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.4 11.0



Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1224WBS01

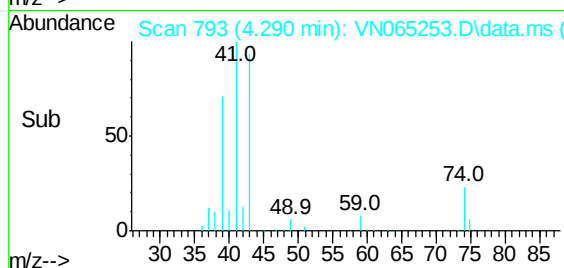
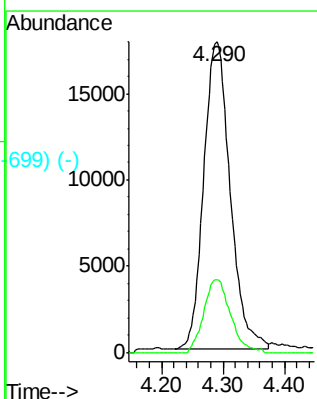
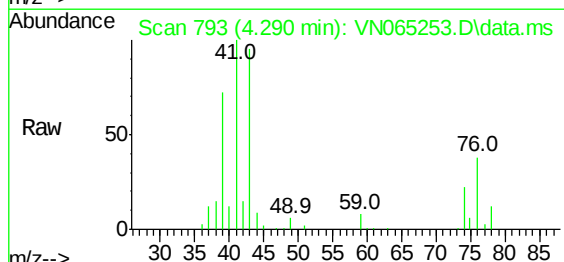
Manual Integrations  
APPROVED

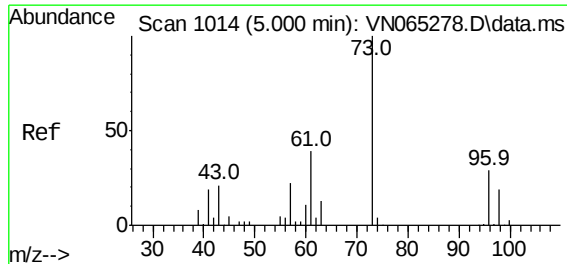
MMDadoda  
12/28/2020 11:03:35 AM



Methyl Acetate  
Concen: 19.14 ug/l  
RT: 4.290 min Scan# 793  
Delta R.T. 0.003 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

Tgt Ion: 43 Resp: 53405  
Ion Ratio Lower Upper  
43 100  
74 23.9 20.2 30.2





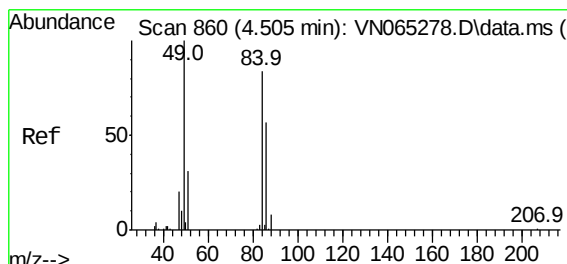
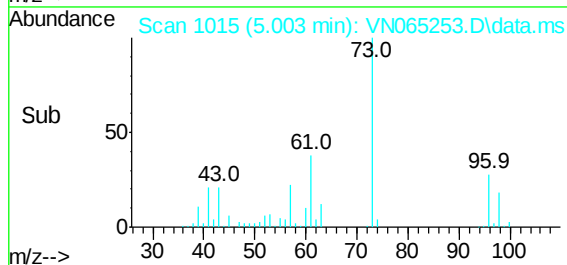
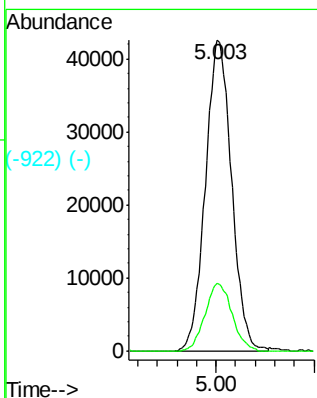
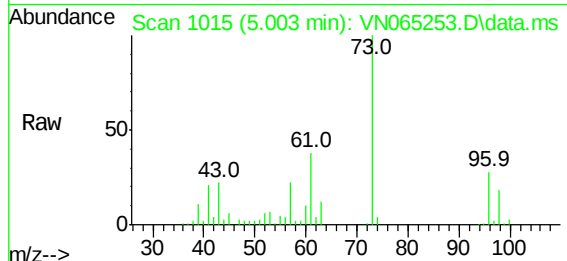
Methyl tert-butyl Ether  
Concen: 18.30 ug/l  
RT: 5.003 min Scan# 1015  
Delta R.T. -0.001 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

Tgt Ion: 73 Resp: 157149  
Ion Ratio Lower Upper  
73 100  
57 21.6 17.4 26.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1224WBS01

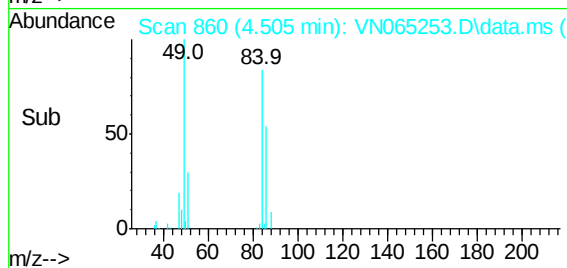
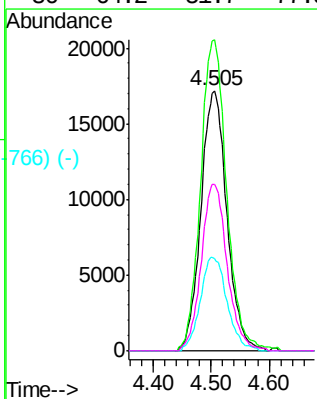
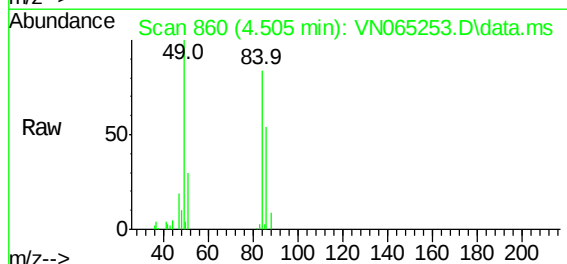
Manual Integrations  
APPROVED

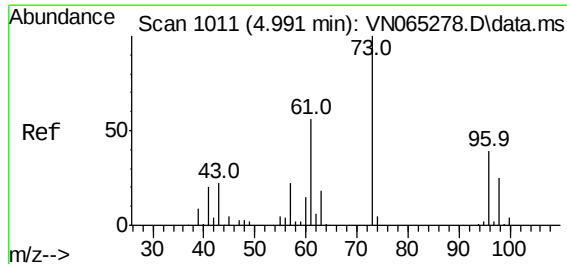
MMDadoda  
12/28/2020 11:03:35 AM



Methylene Chloride  
Concen: 17.60 ug/l  
RT: 4.505 min Scan# 860  
Delta R.T. 0.003 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

Tgt Ion: 84 Resp: 53350  
Ion Ratio Lower Upper  
84 100  
49 119.7 93.4 140.0  
51 35.4 28.2 42.4  
86 64.2 51.7 77.5





(-921) (-)  
trans-1,2-Dichloroethene  
Concen: 18.92 ug/l  
RT: 4.987 min Scan# 1010  
Delta R.T. 0.003 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

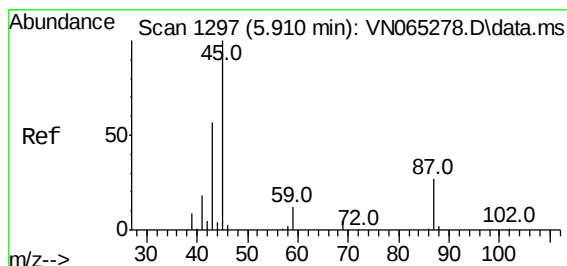
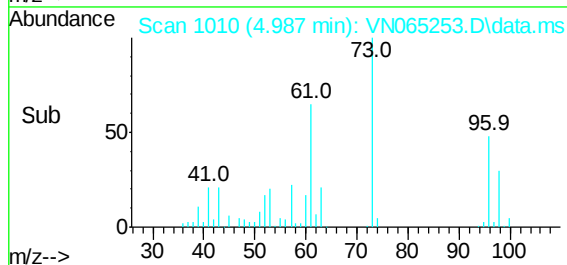
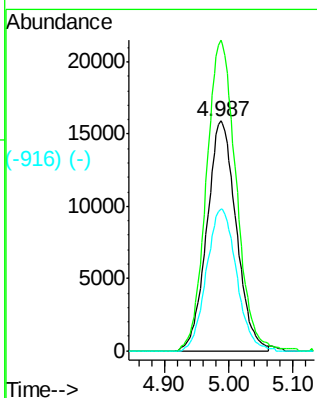
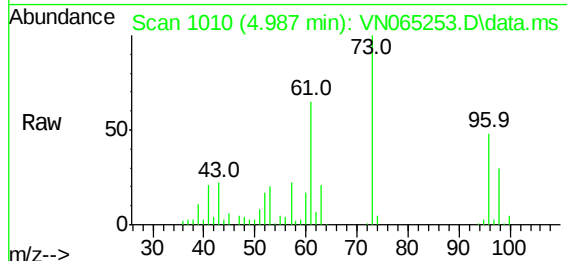
Tgt Ion: 96 Resp: 50221

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 135.2 | 108.4 | 162.6 |
| 98  | 61.9  | 51.3  | 76.9  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1224WBS01

Manual Integrations  
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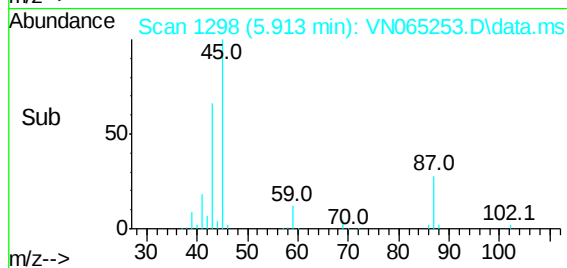
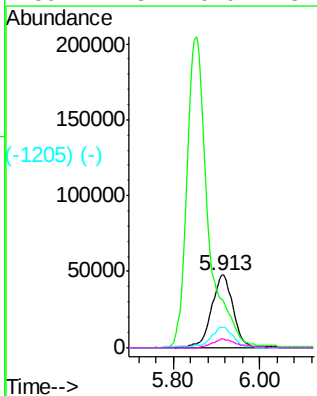
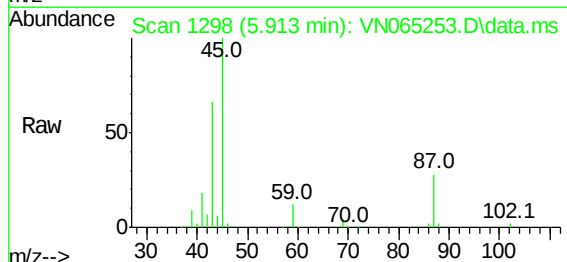
MMDadoda  
12/28/2020 11:03:35 AM

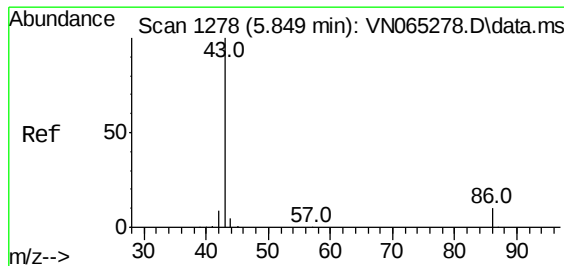


(-1263) (-)  
Diisopropyl ether  
Concen: 18.42 ug/l  
RT: 5.913 min Scan# 1298  
Delta R.T. -0.001 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

Tgt Ion: 45 Resp: 163418

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 63.7  | 46.2  | 69.2  |
| 87  | 28.1  | 24.1  | 36.1  |
| 59  | 11.8  | 9.0   | 13.4  |





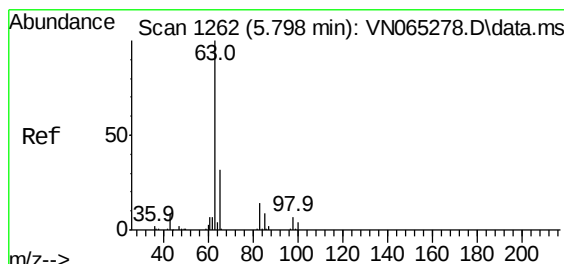
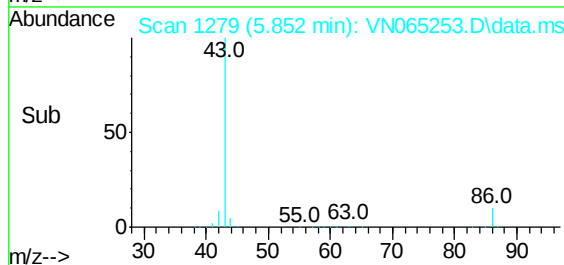
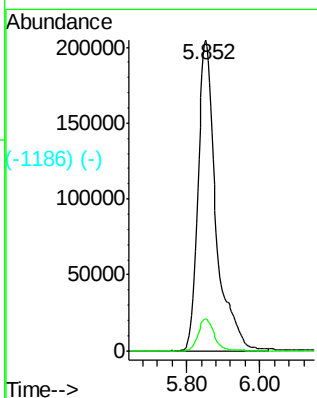
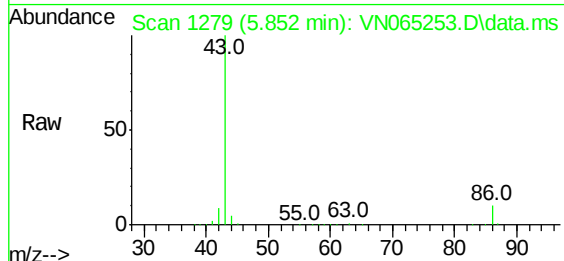
#234 (-)  
Vinyl Acetate  
Concen: 93.18 ug/l  
RT: 5.852 min Scan# 1279  
Delta R.T. 0.000 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

Tgt Ion: 43 Resp: 696699  
Ion Ratio Lower Upper  
43 100  
86 10.3 8.9 13.3

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1224WBS01

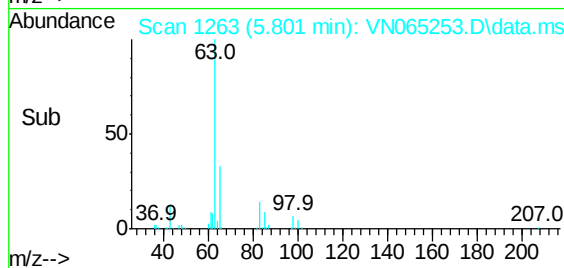
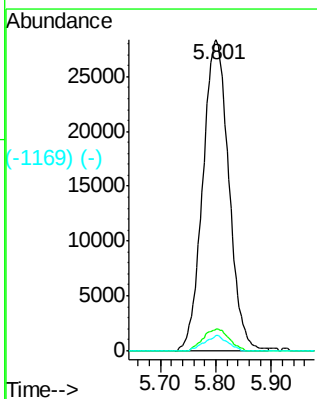
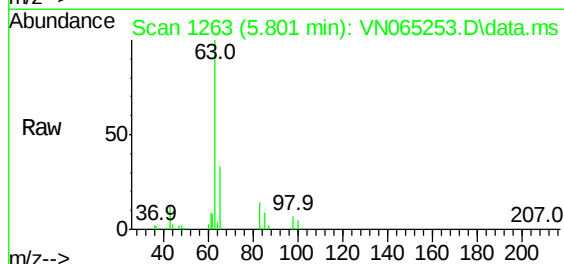
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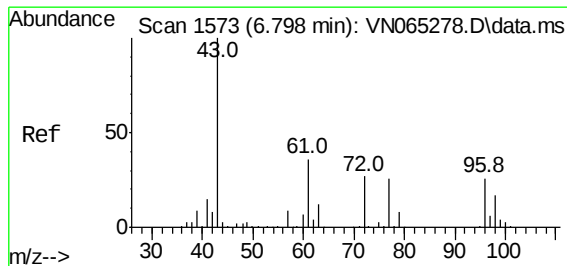
MMDadoda  
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#239 (-)  
1,1-Dichloroethane  
Concen: 18.83 ug/l  
RT: 5.801 min Scan# 1263  
Delta R.T. 0.003 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

Tgt Ion: 63 Resp: 91631  
Ion Ratio Lower Upper  
63 100  
98 6.8 3.5 10.5  
100 4.7 2.3 6.8



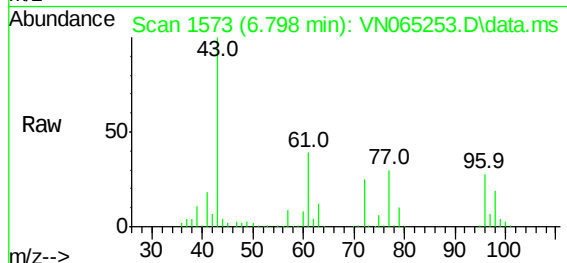


#50 (-)  
2-Butanone  
Concen: 91.06 ug/l  
RT: 6.798 min Scan# 1573  
Delta R.T. -0.000 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

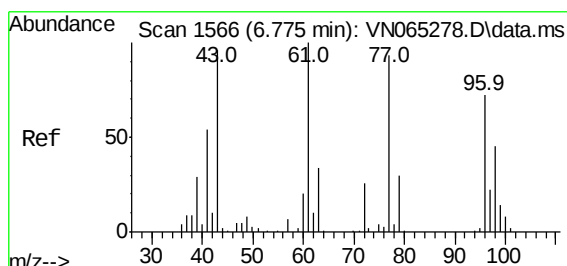
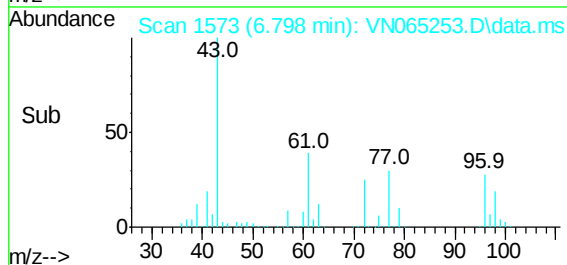
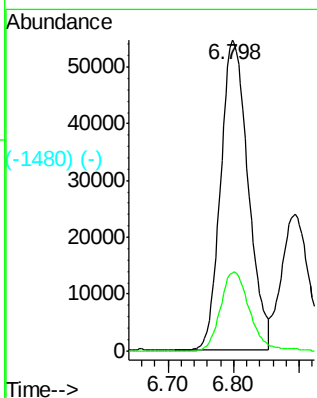
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1224WBS01

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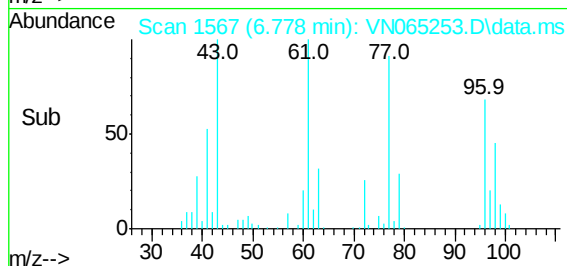
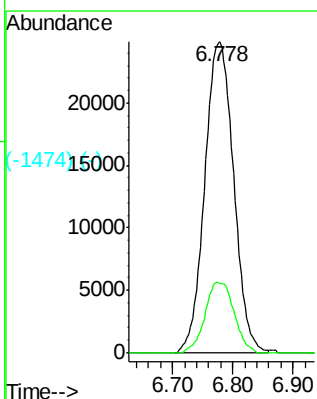
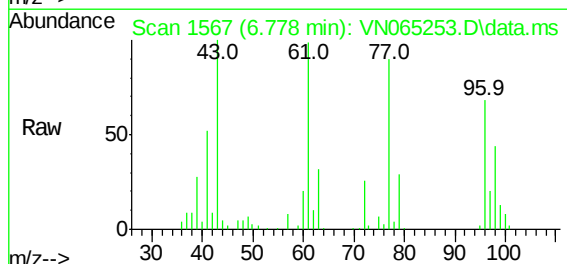


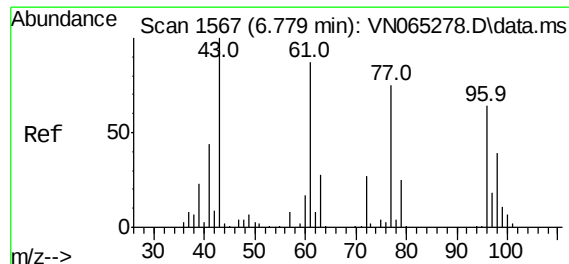
Tgt Ion: 43 Resp: 158870  
Ion Ratio Lower Upper  
43 100  
72 25.3 21.0 31.6



#53 (-)  
2,2-Dichloropropane  
Concen: 17.60 ug/l  
RT: 6.778 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

Tgt Ion: 77 Resp: 81826  
Ion Ratio Lower Upper  
77 100  
97 22.6 11.7 35.0





#1578 (-)  
cis-1,2-Dichloroethene  
Concen: 18.83 ug/l  
RT: 6.785 min Scan# 1569  
Delta R.T. 0.003 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

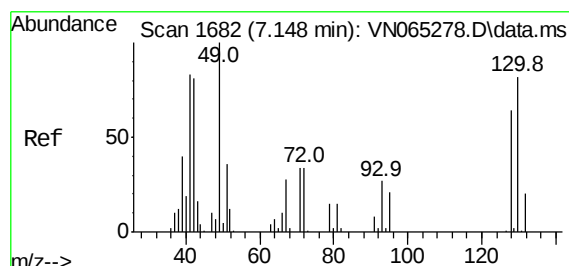
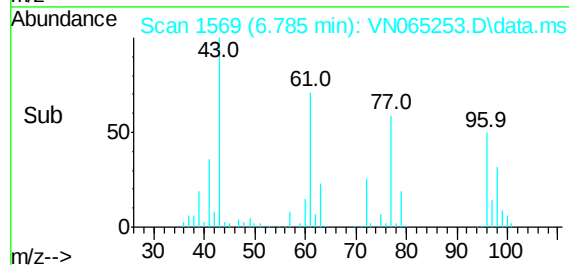
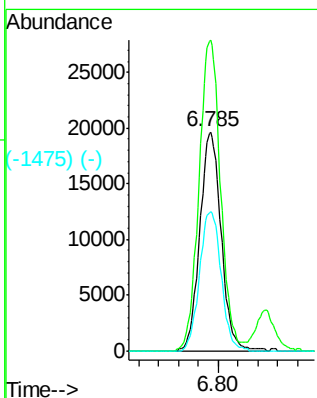
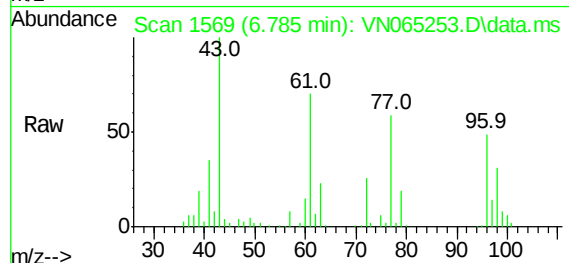
Tgt Ion: 96 Resp: 58164

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 143.7 | 0.0   | 285.8 |
| 98  | 64.6  | 0.0   | 130.6 |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1224WBS01

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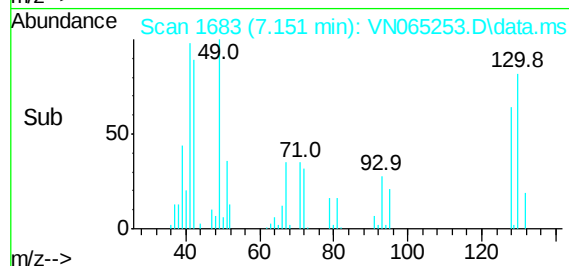
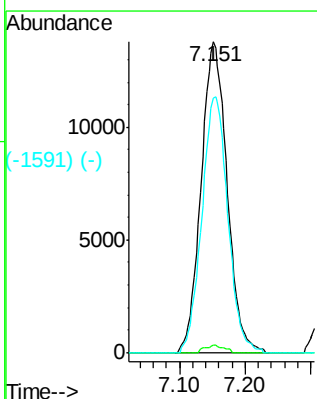
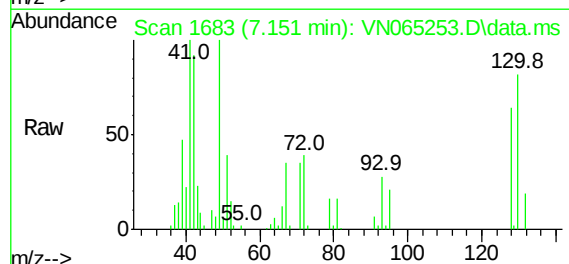
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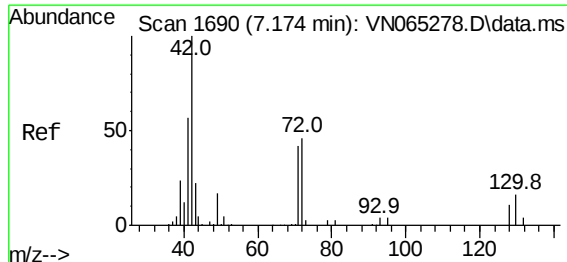


#1584 (-)  
Bromochloromethane  
Concen: 17.48 ug/l  
RT: 7.151 min Scan# 1683  
Delta R.T. -0.004 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

Tgt Ion: 49 Resp: 37748

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 1.7   | 0.0   | 3.8   |
| 130 | 82.4  | 66.2  | 99.2  |





#1690 (-)  
Tetrahydrofuran  
Concen: 95.20 ug/l  
RT: 7.180 min Scan# 1692  
Delta R.T. 0.003 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

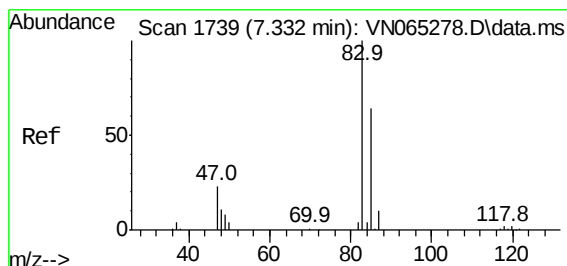
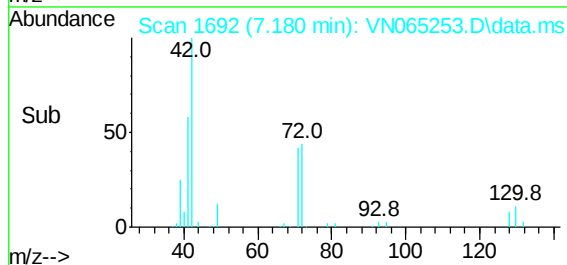
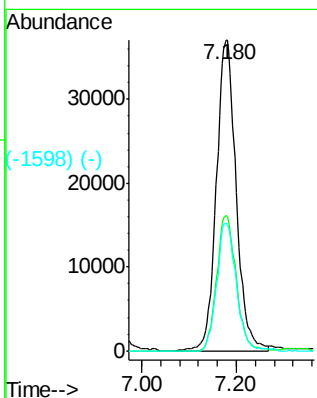
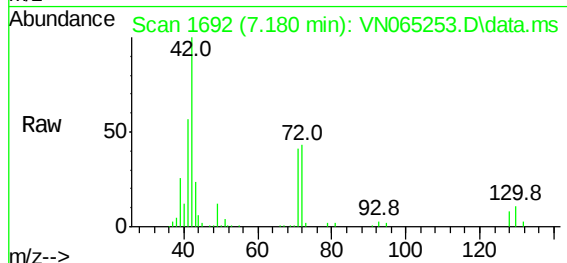
Tgt Ion: 42 Resp: 107404

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 43.1  | 36.6  | 54.8  |
| 71  | 40.3  | 33.6  | 50.4  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1224WBS01

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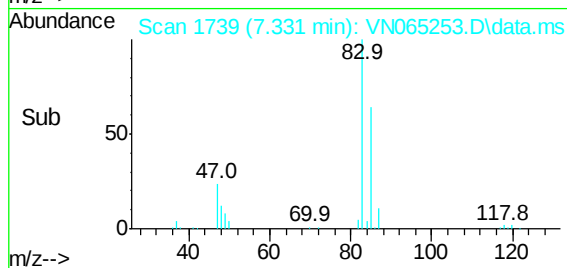
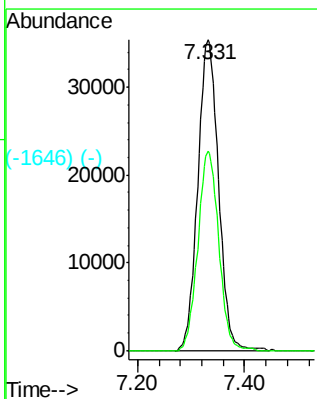
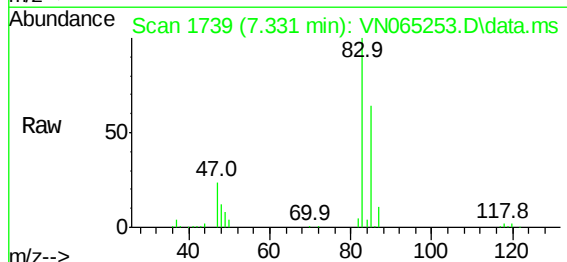
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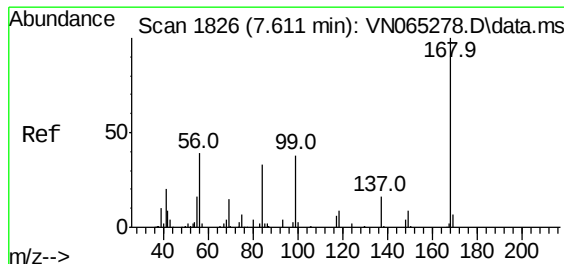


#1739 (-)  
Chloroform  
Concen: 18.79 ug/l  
RT: 7.331 min Scan# 1739  
Delta R.T. -0.001 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

Tgt Ion: 83 Resp: 94125

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 64.1  | 52.6  | 78.8  |





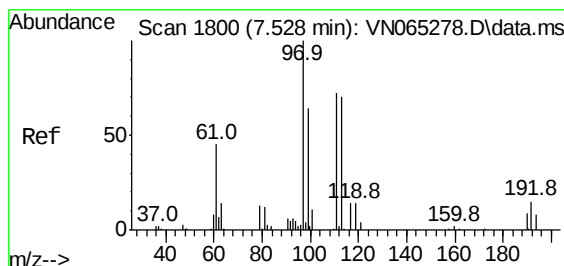
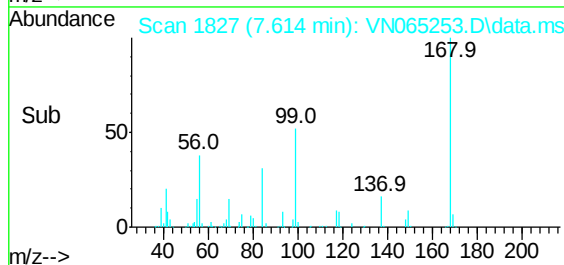
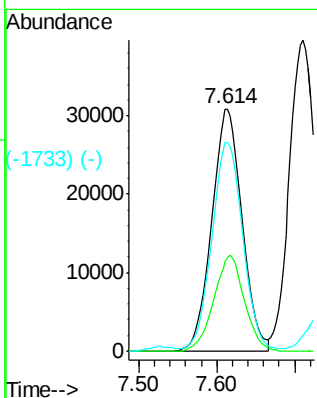
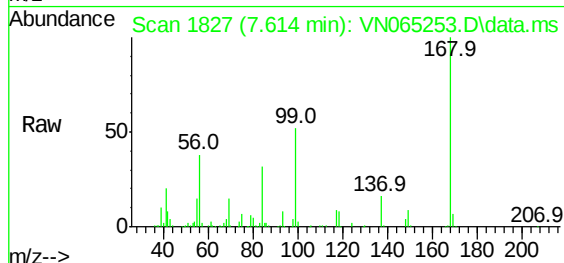
#186 (-)  
Cyclohexane  
Concen: 18.29 ug/l  
RT: 7.614 min Scan# 1827  
Delta R.T. 0.003 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

Tgt Ion: 56 Resp: 83905  
Ion Ratio Lower Upper  
56 100  
69 38.6 27.5 41.3  
84 84.9 73.9 110.9

Instrument :  
MSVOA\_N  
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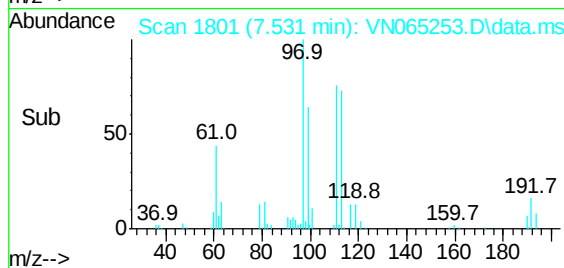
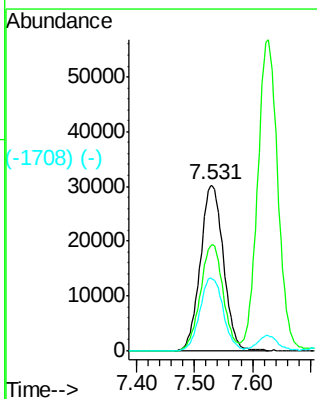
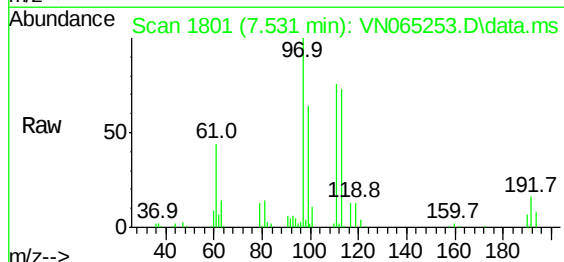
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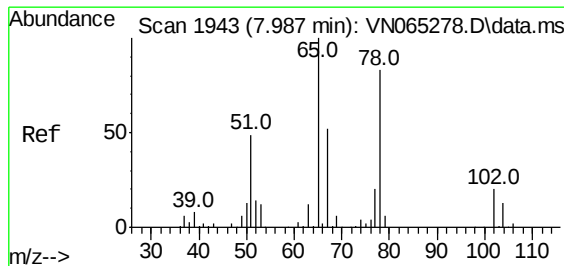
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#181 (-)  
1,1,1-Trichloroethane  
Concen: 18.32 ug/l  
RT: 7.531 min Scan# 1801  
Delta R.T. -0.000 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

Tgt Ion: 97 Resp: 83163  
Ion Ratio Lower Upper  
97 100  
99 63.0 51.7 77.5  
61 44.3 33.9 50.9





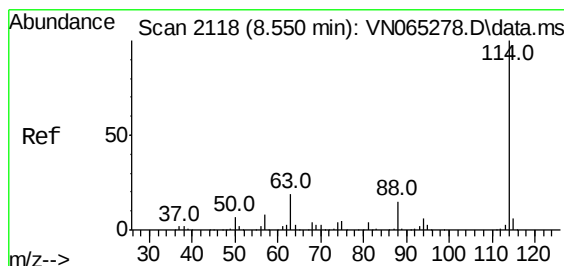
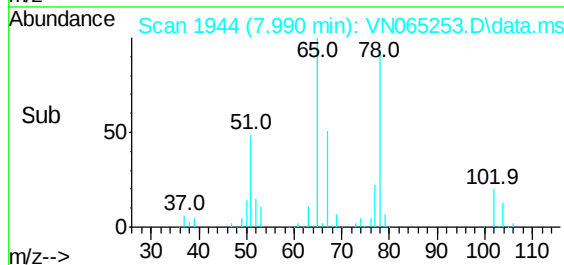
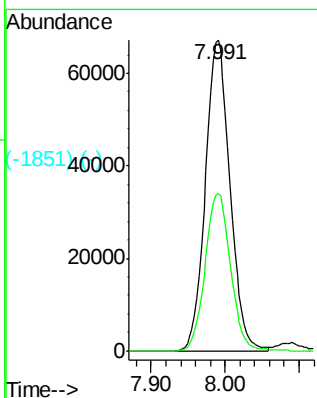
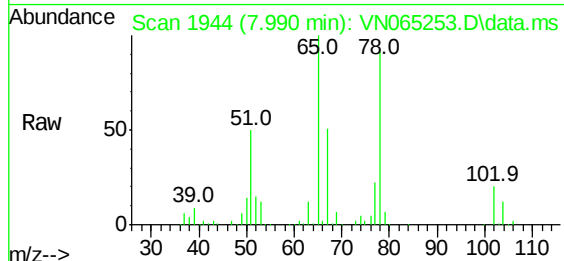
(-1925) (-)  
 1,2-Dichloroethane-d4  
 Concen: 49.79 ug/l  
 RT: 7.990 min Scan# 1944  
 Delta R.T. -0.000 min  
 Lab File: VN065253.D  
 Acq: 24 Dec 2020 11:45

Tgt Ion: 65 Resp: 154735  
 Ion Ratio Lower Upper  
 65 100  
 67 52.4 0.0 108.2

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
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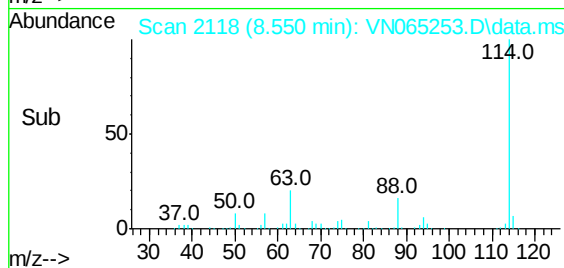
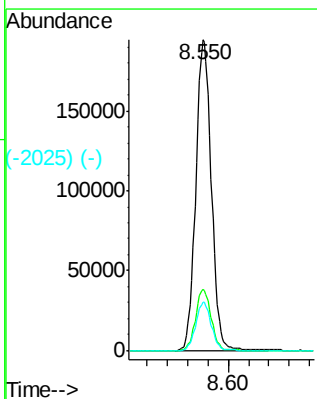
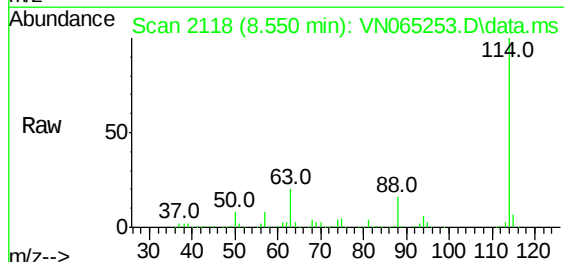
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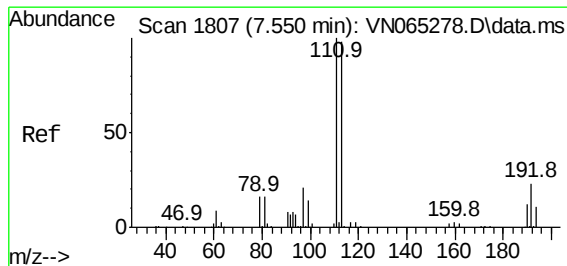
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(-2360) (-)  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.550 min Scan# 2118  
 Delta R.T. -0.000 min  
 Lab File: VN065253.D  
 Acq: 24 Dec 2020 11:45

Tgt Ion:114 Resp: 412508  
 Ion Ratio Lower Upper  
 114 100  
 63 19.8 0.0 38.6  
 88 15.7 0.0 32.6





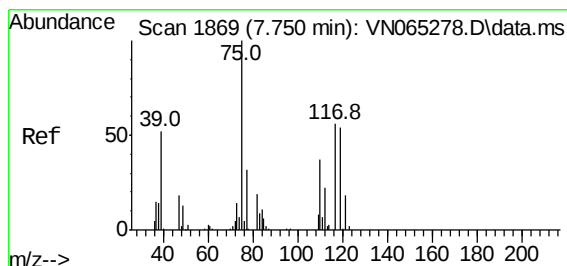
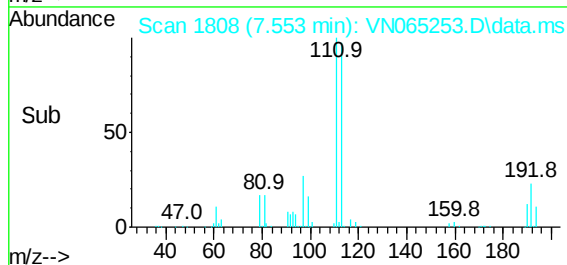
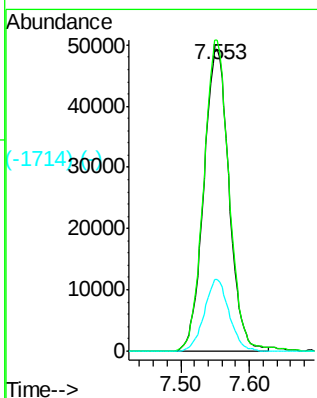
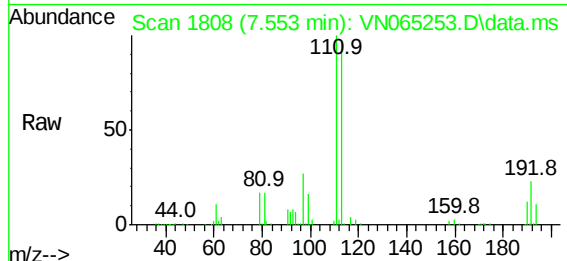
#358 (-)  
Dibromofluoromethane  
Concen: 50.50 ug/l  
RT: 7.553 min Scan# 1808  
Delta R.T. 0.003 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

Tgt Ion: 113 Resp: 125691  
Ion Ratio Lower Upper  
113 100  
111 103.0 81.6 122.4  
192 23.0 16.2 24.2

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1224WBS01

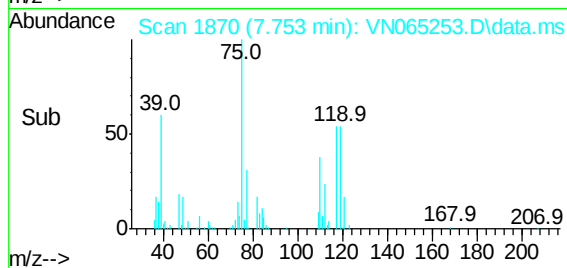
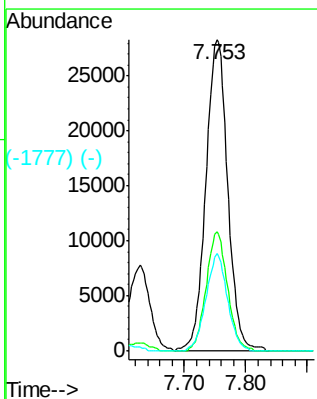
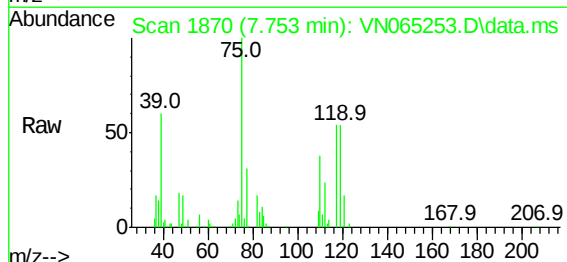
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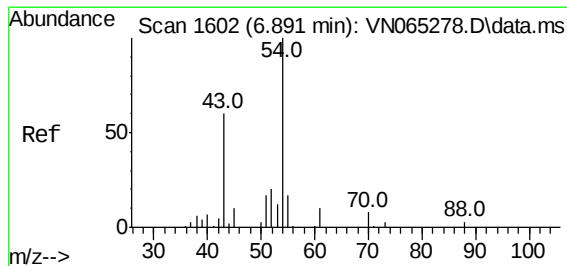
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#359 (-)  
1,1-Dichloropropene  
Concen: 18.54 ug/l  
RT: 7.753 min Scan# 1870  
Delta R.T. -0.000 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

Tgt Ion: 75 Resp: 69554  
Ion Ratio Lower Upper  
75 100  
110 37.1 17.8 53.3  
77 30.6 25.0 37.4





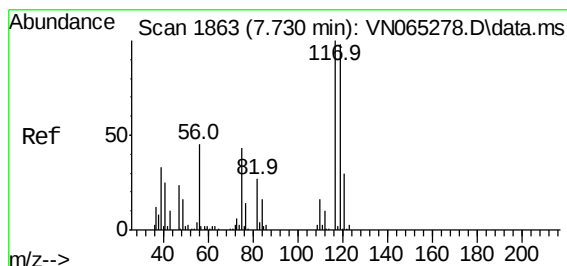
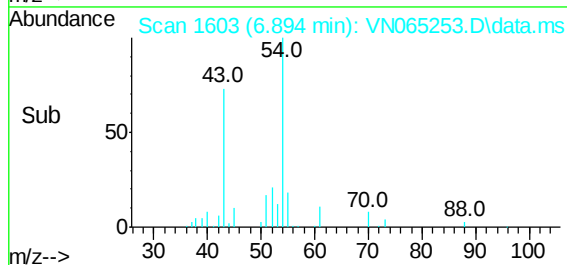
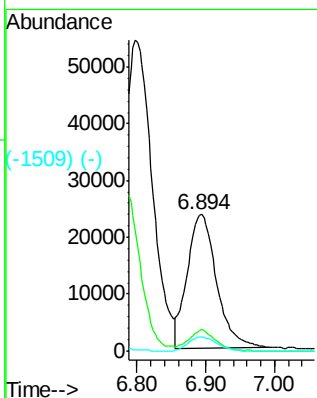
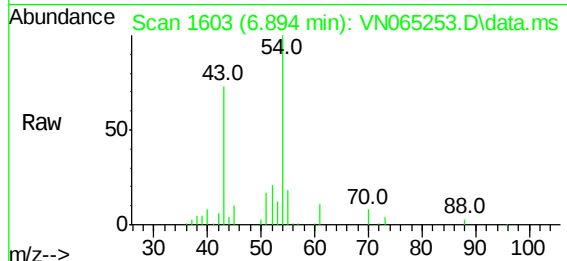
#1370 (-)  
Ethyl Acetate  
Concen: 18.70 ug/l  
RT: 6.894 min Scan# 1603  
Delta R.T. 0.003 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

Tgt Ion: 43 Resp: 69539  
Ion Ratio Lower Upper  
43 100  
61 14.3 12.8 19.2  
70 9.9 8.8 13.2

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1224WBS01

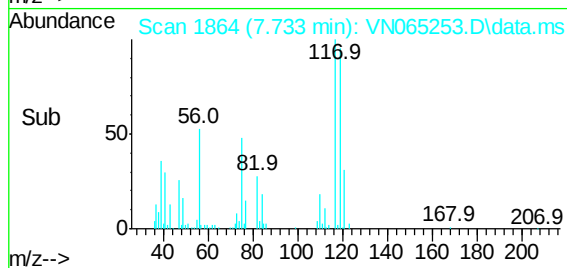
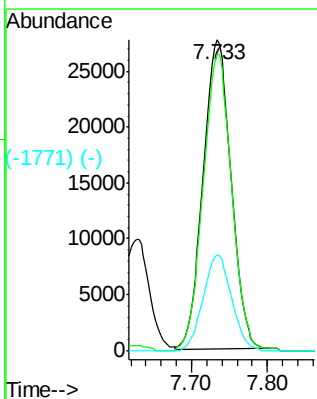
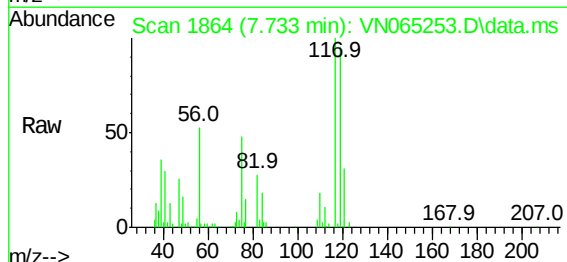
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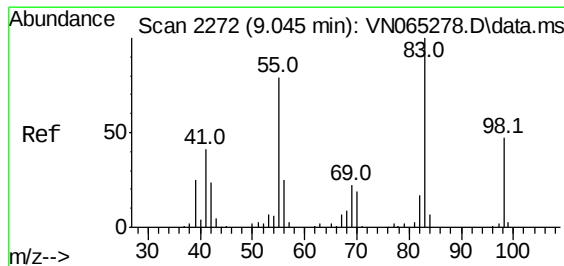
MMDadoda  
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#1386 (-)  
Carbon Tetrachloride  
Concen: 17.98 ug/l  
RT: 7.733 min Scan# 1864  
Delta R.T. 0.000 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

Tgt Ion:117 Resp: 70837  
Ion Ratio Lower Upper  
117 100  
119 95.9 76.7 115.1  
121 31.1 25.4 38.2





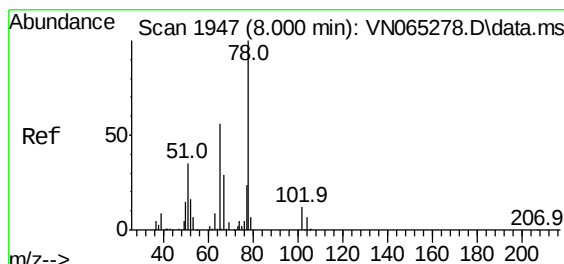
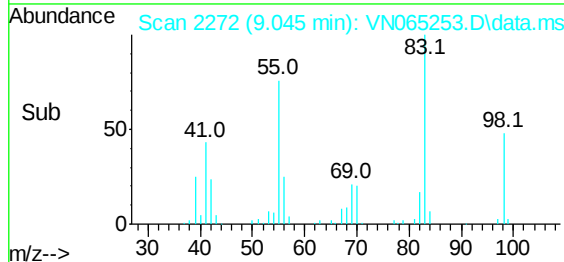
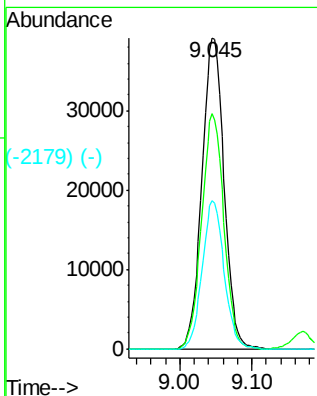
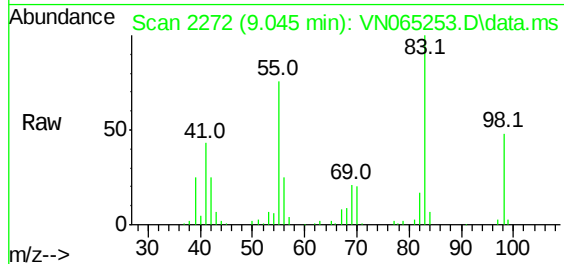
#296 (-)  
Methylcyclohexane  
Concen: 18.44 ug/l  
RT: 9.045 min Scan# 2272  
Delta R.T. 0.000 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

Tgt Ion: 83 Resp: 83092  
Ion Ratio Lower Upper  
83 100  
55 75.5 60.2 90.2  
98 47.6 37.4 56.2

Instrument :  
MSVOA\_N  
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VN1224WBS01

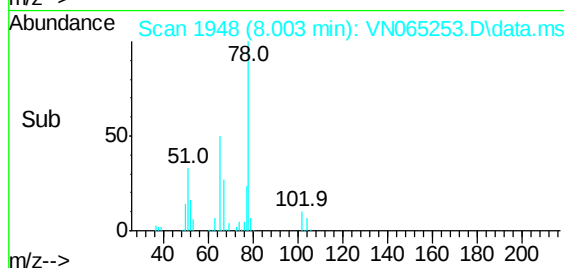
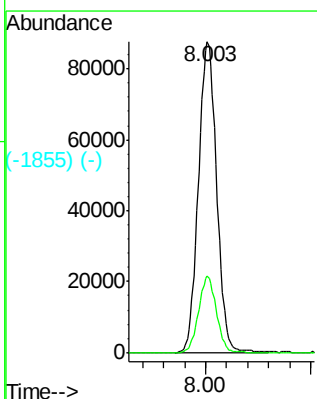
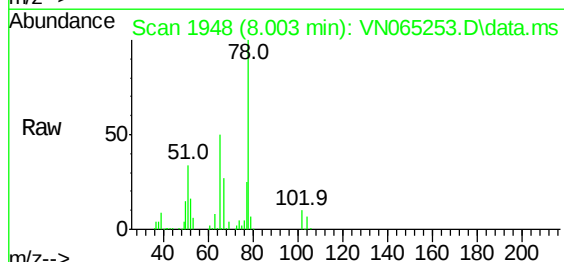
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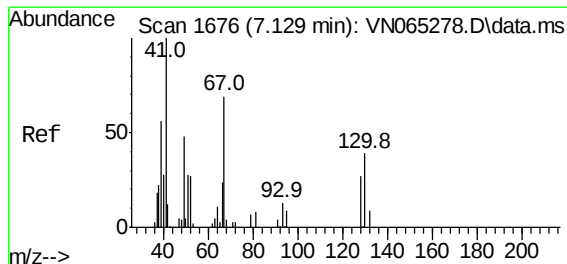
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#409 (-)  
Benzene  
Concen: 18.75 ug/l  
RT: 8.003 min Scan# 1948  
Delta R.T. -0.001 min  
Lab File: VN065253.D  
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Tgt Ion: 78 Resp: 209159  
Ion Ratio Lower Upper  
78 100  
77 24.6 17.9 26.9





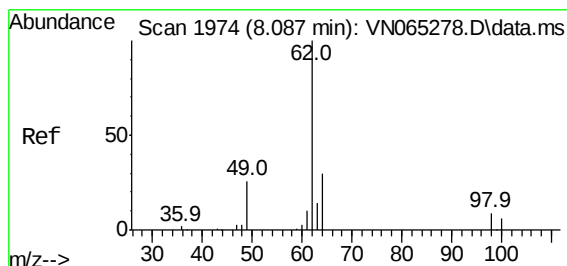
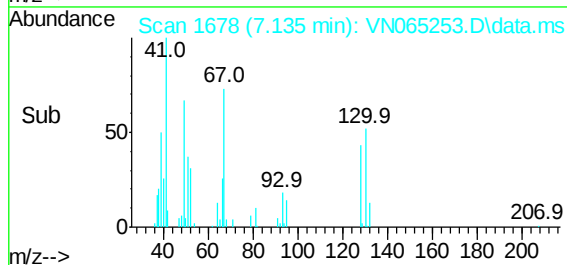
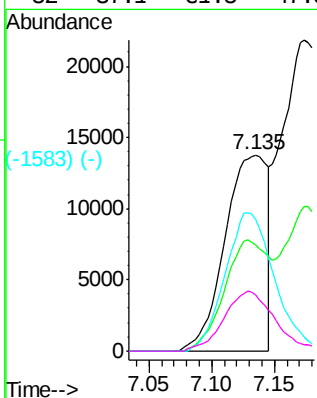
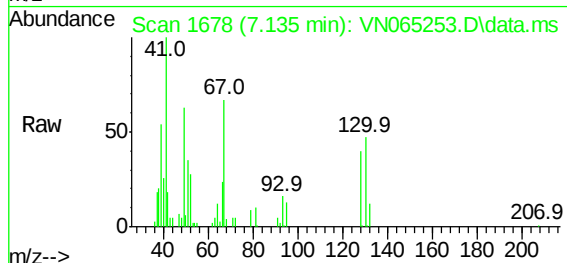
(-1537) (-)  
Methacrylonitrile  
Concen: 16.61 ug/l  
RT: 7.135 min Scan# 1678  
Delta R.T. 0.006 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 32130 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 59.0  | 51.0  | 76.6  |
| 67       | 83.1  | 79.8  | 119.8 |
| 52       | 37.1  | 31.5  | 47.3  |

Instrument :  
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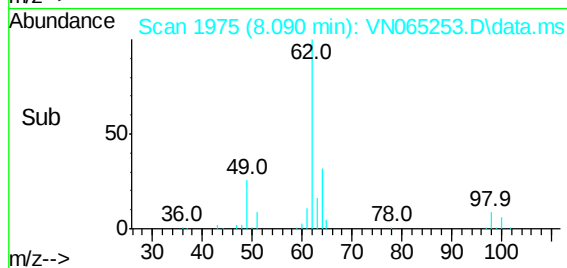
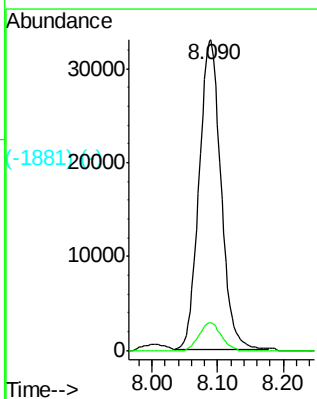
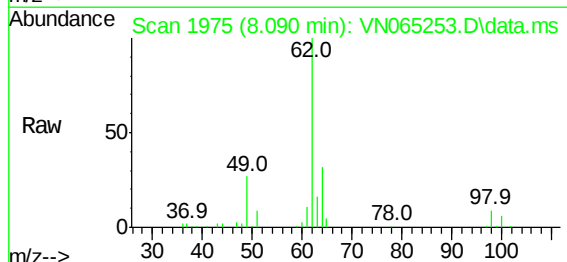
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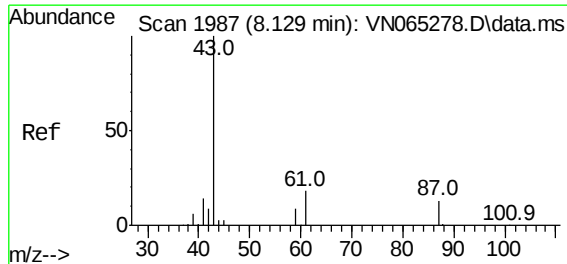
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(-1537) (-)  
1,2-Dichloroethane  
Concen: 18.35 ug/l  
RT: 8.090 min Scan# 1975  
Delta R.T. 0.003 min  
Lab File: VN065253.D  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 75663 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.0   | 0.0   | 19.6  |





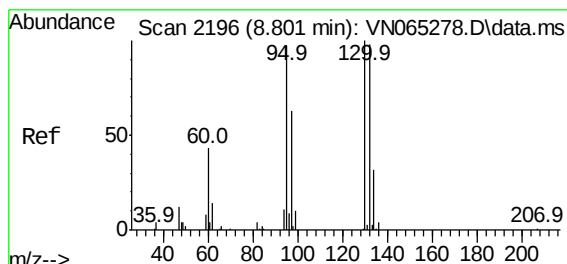
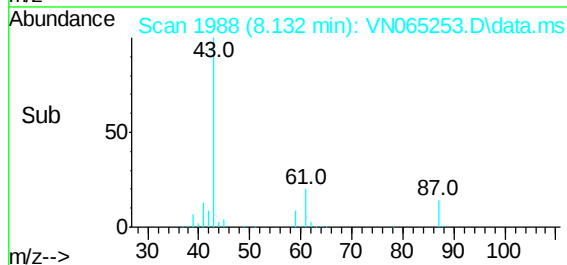
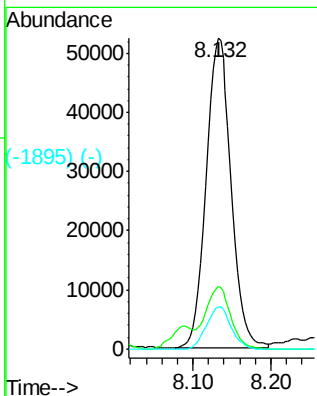
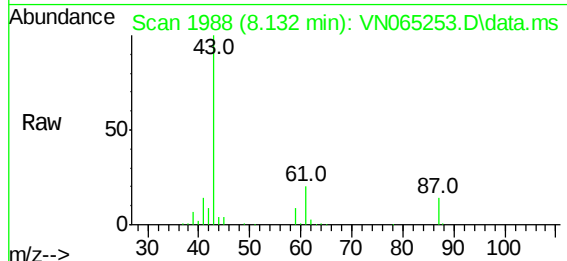
#436 (-)  
Isopropyl Acetate  
Concen: 18.38 ug/l  
RT: 8.132 min Scan# 1988  
Delta R.T. -0.000 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

Tgt Ion: 43 Resp: 117775  
Ion Ratio Lower Upper  
43 100  
61 20.3 17.2 25.8  
87 13.4 11.4 17.0

Instrument :  
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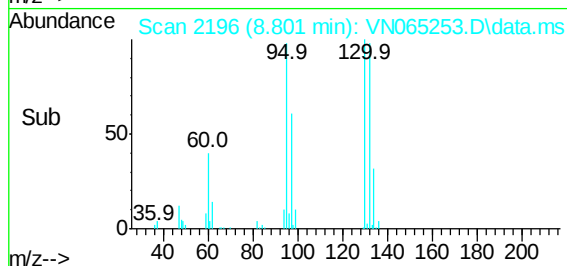
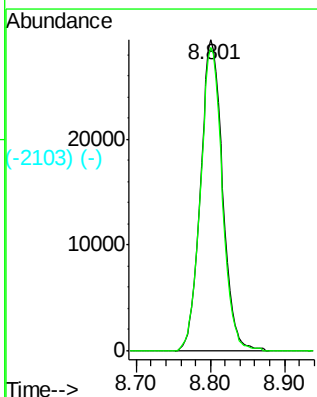
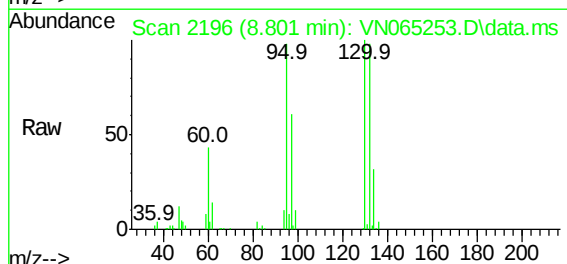
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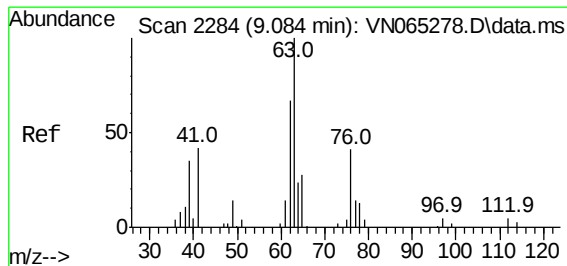
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#440 (-)  
Trichloroethene  
Concen: 18.81 ug/l  
RT: 8.801 min Scan# 2196  
Delta R.T. -0.000 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

Tgt Ion:130 Resp: 60574  
Ion Ratio Lower Upper  
130 100  
95 97.6 0.0 197.8



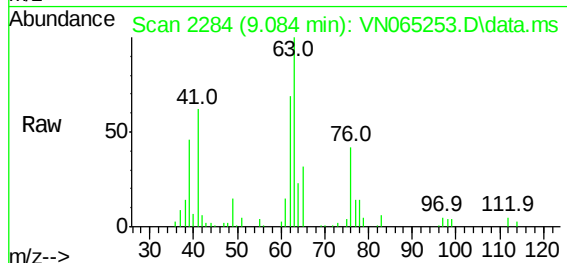


#454 (-)  
1,2-Dichloropropane  
Concen: 18.62 ug/l  
RT: 9.084 min Scan# 2284  
Delta R.T. -0.000 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

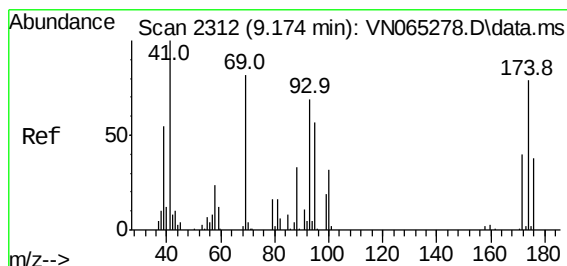
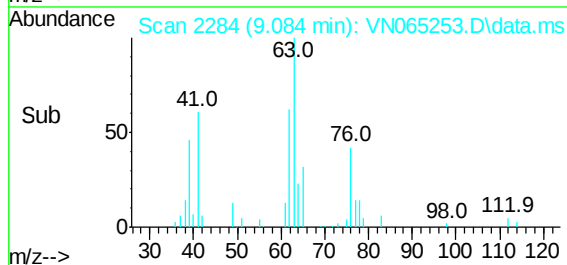
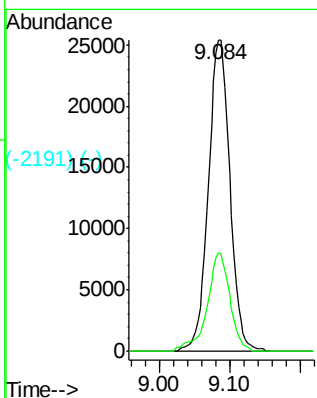
Instrument :  
MSVOA\_N  
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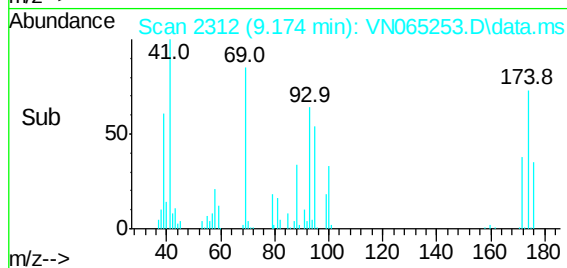
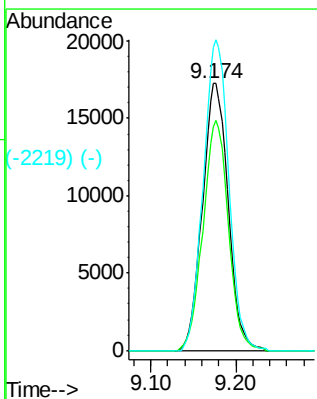
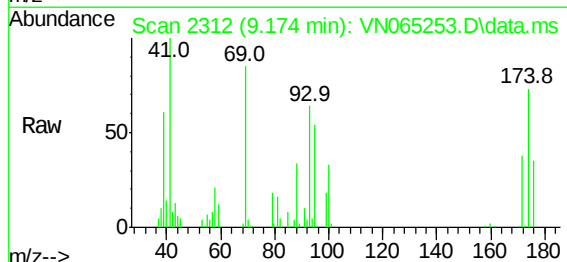


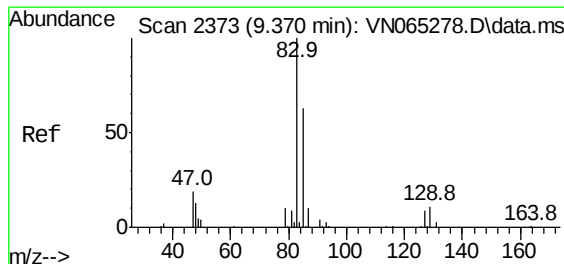
Tgt Ion: 63 Resp: 54000  
Ion Ratio Lower Upper  
63 100  
65 31.7 25.0 37.4



#458 (-)  
Dibromomethane  
Concen: 18.35 ug/l  
RT: 9.174 min Scan# 2312  
Delta R.T. -0.000 min  
Lab File: VN065253.D  
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Tgt Ion: 93 Resp: 36142  
Ion Ratio Lower Upper  
93 100  
95 84.7 68.8 103.2  
174 115.1 83.1 124.7



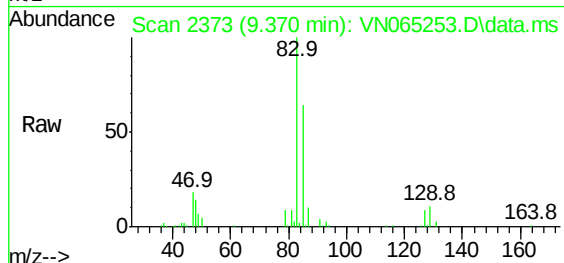


#47 (-)  
Bromodichloromethane  
Concen: 18.28 ug/l  
RT: 9.370 min Scan# 2373  
Delta R.T. -0.000 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

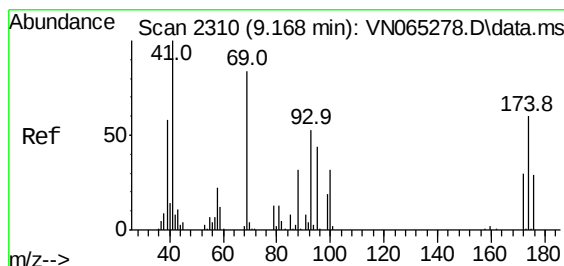
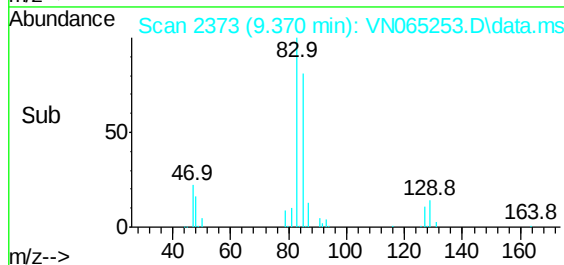
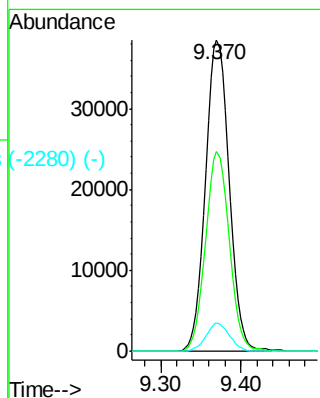
Instrument :  
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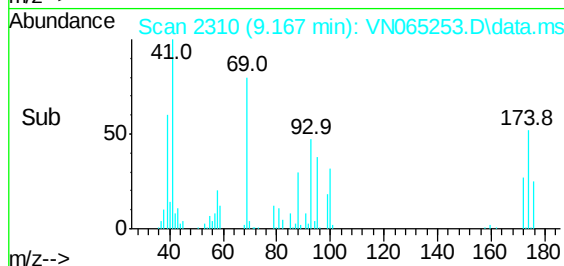
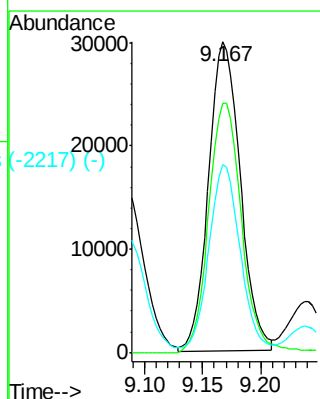
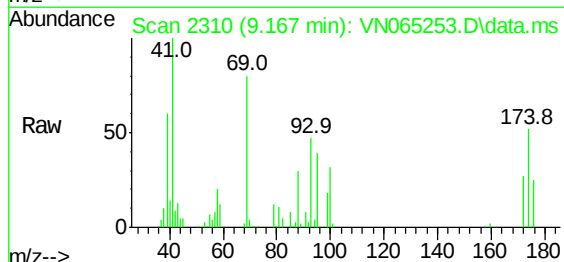


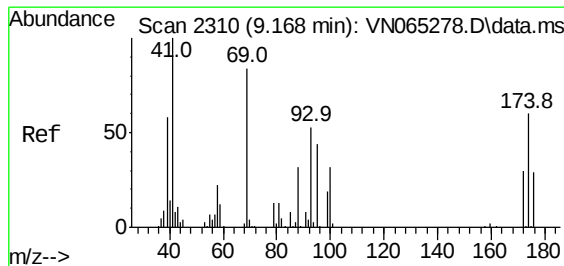
Tgt Ion: 83 Resp: 75912  
Ion Ratio Lower Upper  
83 100  
85 64.1 51.8 77.8  
127 8.9 6.8 10.2



#48 (-)  
Methyl methacrylate  
Concen: 18.34 ug/l  
RT: 9.167 min Scan# 2310  
Delta R.T. 0.000 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

Tgt Ion: 41 Resp: 57055  
Ion Ratio Lower Upper  
41 100  
69 83.7 71.8 107.8  
39 59.5 44.1 66.1





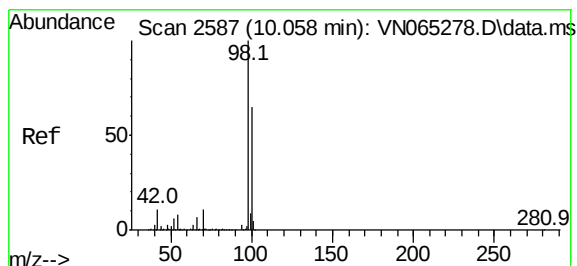
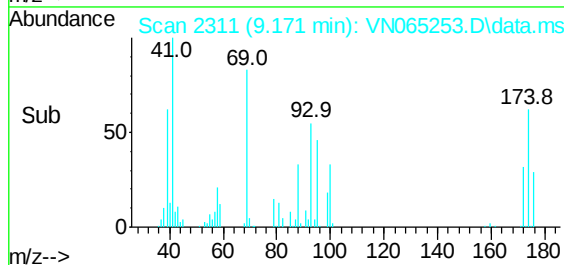
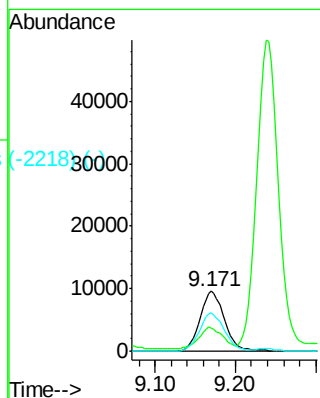
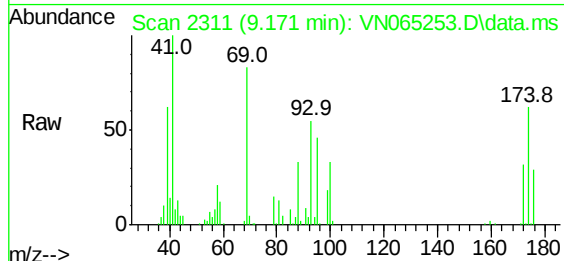
#2297 (-)  
1,4-Dioxane  
Concen: 381.98 ug/l  
RT: 9.171 min Scan# 2311  
Delta R.T. -0.000 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

Tgt Ion: 88 Resp: 19256  
Ion Ratio Lower Upper  
88 100  
43 35.9 24.2 36.4  
58 65.3 52.5 78.7

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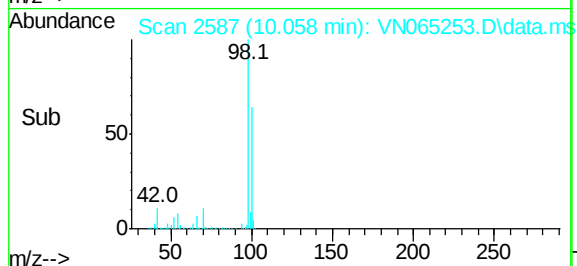
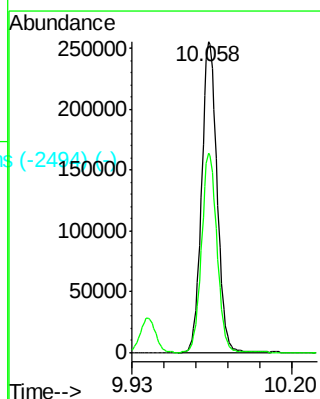
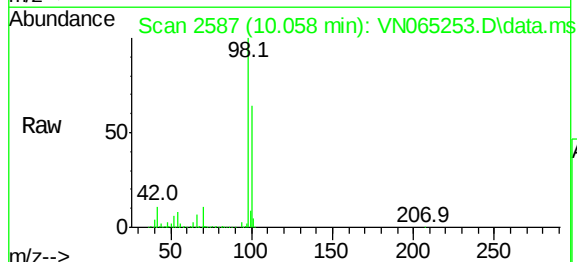
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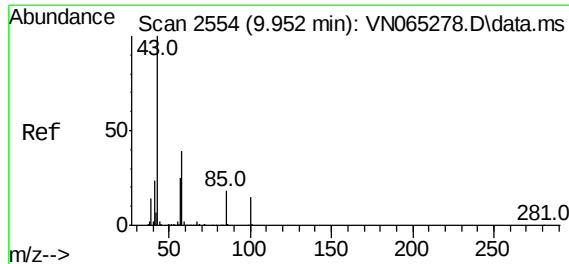
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#22971 (-)  
Toluene-d8  
Concen: 50.46 ug/l  
RT: 10.058 min Scan# 2587  
Delta R.T. -0.000 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

Tgt Ion: 98 Resp: 470641  
Ion Ratio Lower Upper  
98 100  
100 64.3 51.7 77.5



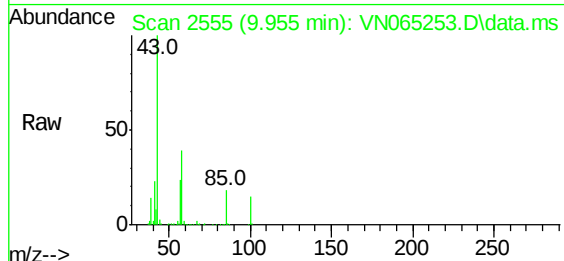


#516 (-)  
4-Methyl-2-Pentanone  
Concen: 94.31 ug/l  
RT: 9.955 min Scan# 2555  
Delta R.T. 0.000 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

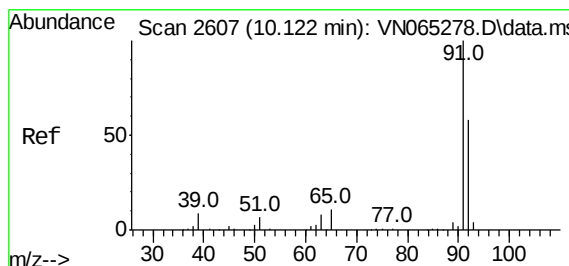
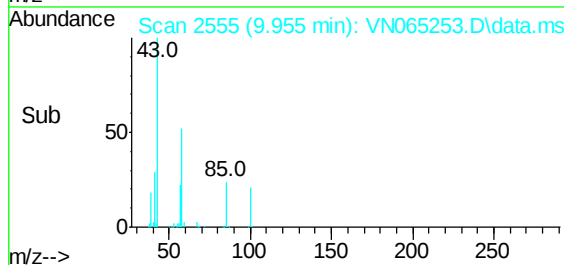
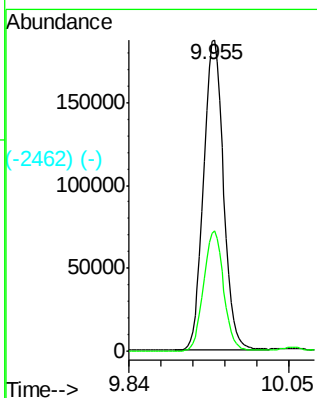
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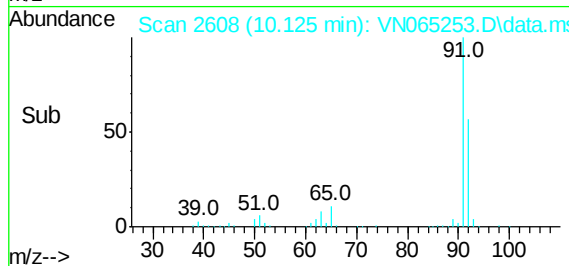
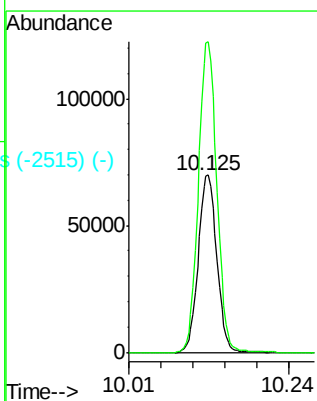
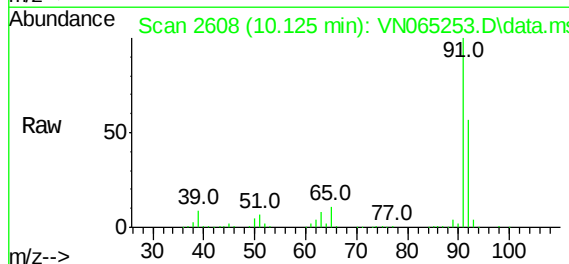


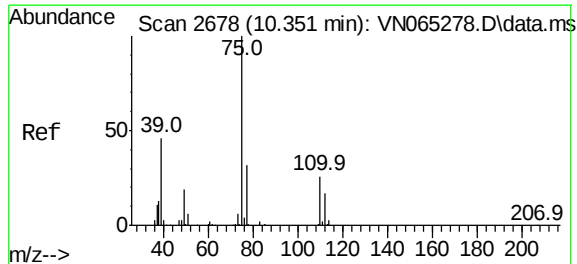
Tgt Ion: 43 Resp: 339759  
Ion Ratio Lower Upper  
43 100  
58 38.7 32.4 48.6



#516 (-)  
Toluene  
Concen: 18.54 ug/l  
RT: 10.125 min Scan# 2608  
Delta R.T. -0.001 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

Tgt Ion: 92 Resp: 130396  
Ion Ratio Lower Upper  
92 100  
91 174.8 139.1 208.7





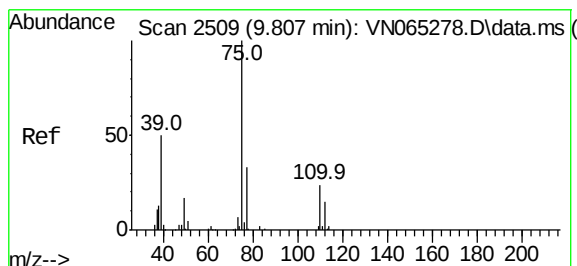
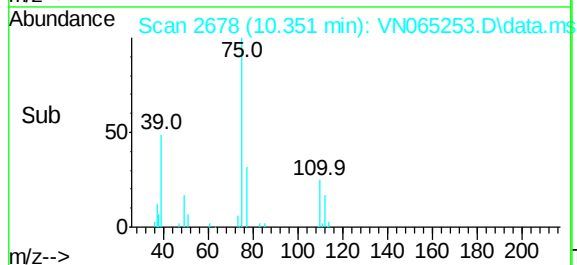
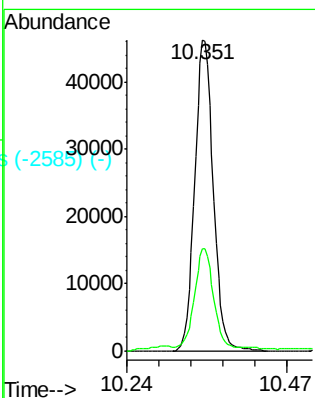
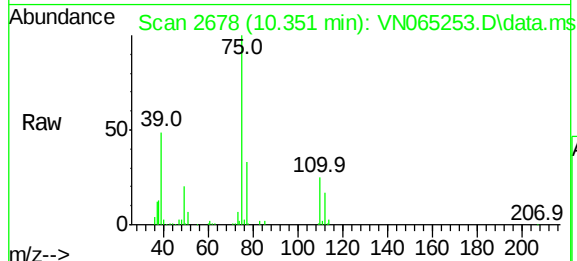
#585 (-)  
t-1,3-Dichloropropene  
Concen: 17.94 ug/l  
RT: 10.351 min Scan# 2678  
Delta R.T. -0.000 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

Tgt Ion: 75 Resp: 83980  
Ion Ratio Lower Upper  
75 100  
77 32.0 25.8 38.6

Instrument :  
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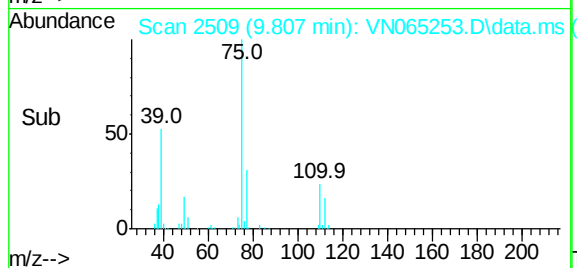
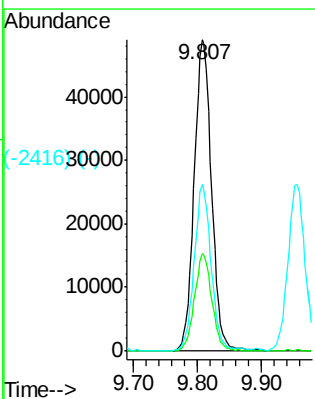
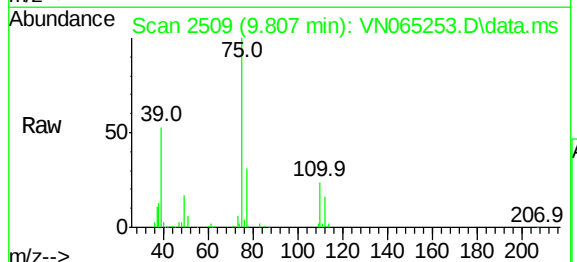
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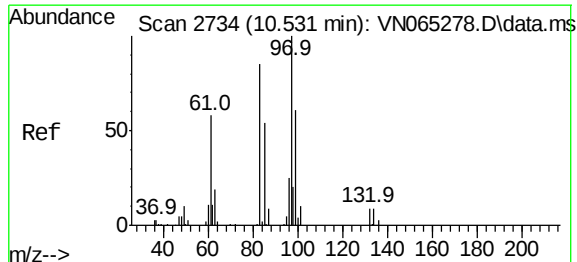
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#594 (-)  
cis-1,3-Dichloropropene  
Concen: 18.34 ug/l  
RT: 9.807 min Scan# 2509  
Delta R.T. 0.000 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

Tgt Ion: 75 Resp: 91221  
Ion Ratio Lower Upper  
75 100  
77 31.3 25.5 38.3  
39 53.4 35.6 53.4#



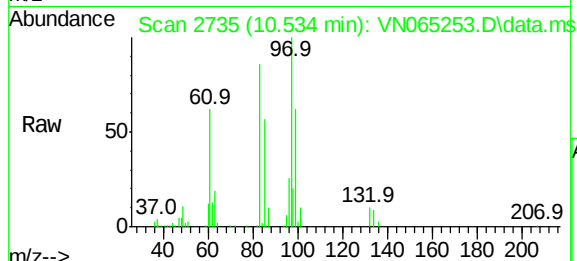


#5521 (-)  
1,1,2-Trichloroethane  
Concen: 18.94 ug/l  
RT: 10.534 min Scan# 2735  
Delta R.T. -0.000 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

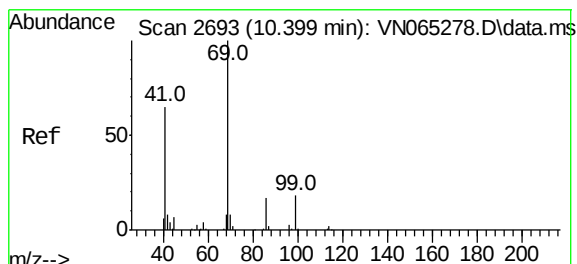
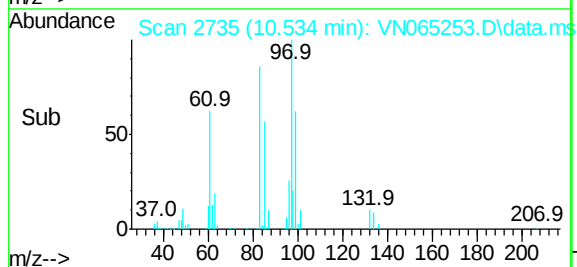
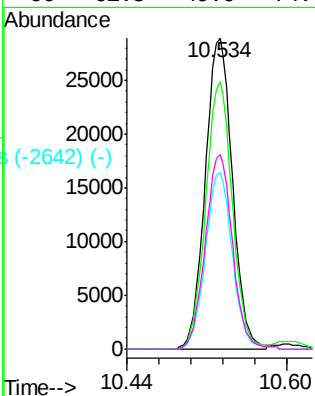
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1224WBS01

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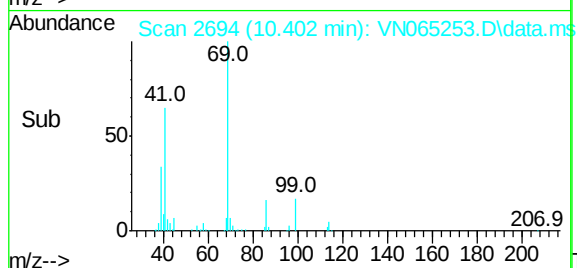
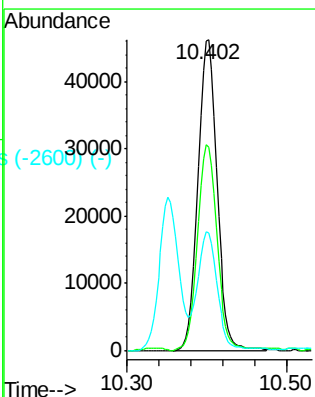
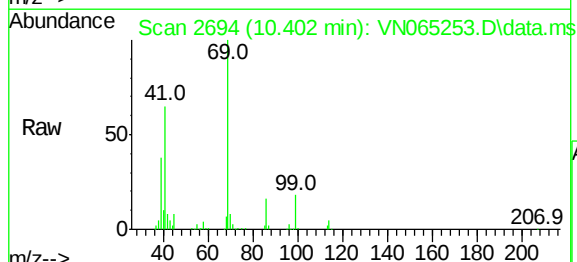


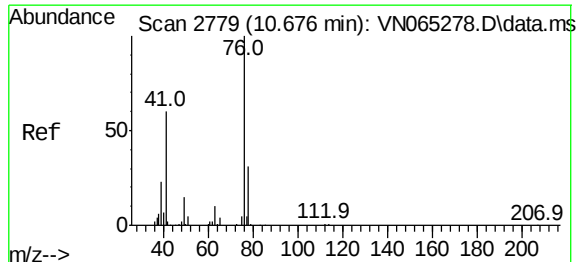
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 86.2  | 72.1  | 108.1 |
| 85      | 56.9  | 46.8  | 70.2  |
| 99      | 62.5  | 49.6  | 74.4  |



#5680 (-)  
Ethyl methacrylate  
Concen: 18.18 ug/l  
RT: 10.402 min Scan# 2694  
Delta R.T. 0.003 min  
Lab File: VN065253.D  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 68.7  | 49.4  | 74.0  |
| 39      | 38.7  | 25.9  | 38.9  |





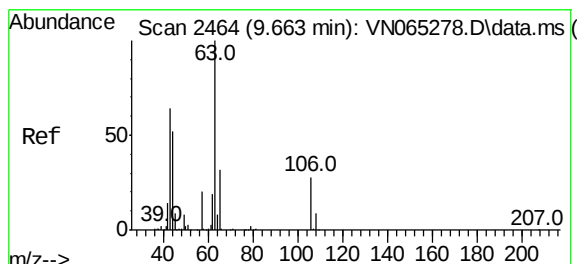
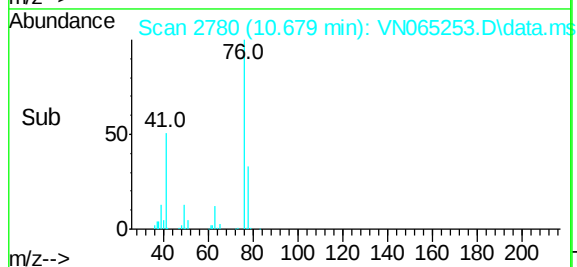
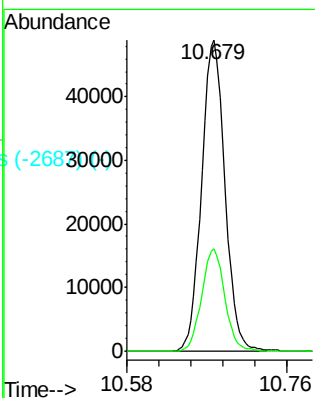
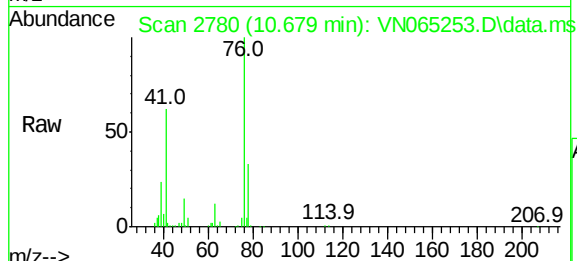
1,3-Dichloropropane  
Concen: 18.94 ug/l  
RT: 10.679 min Scan# 2780  
Delta R.T. -0.001 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 76    | Resp: | 86965 |
| Ion Ratio | Lower | Upper |       |
| 76        | 100   |       |       |
| 78        | 32.2  | 26.1  | 39.1  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1224WBS01

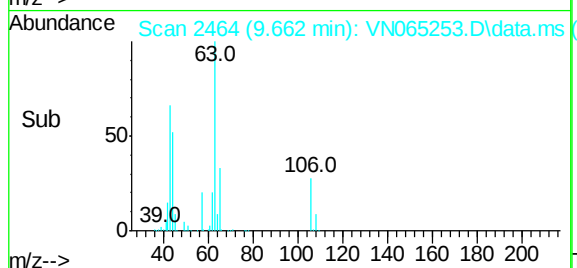
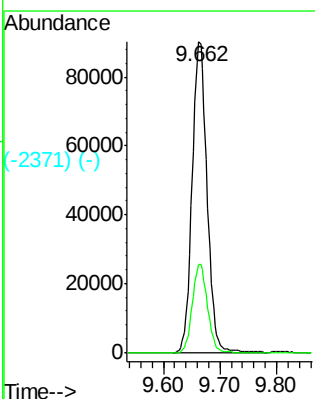
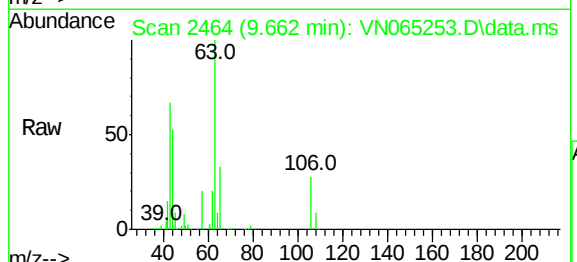
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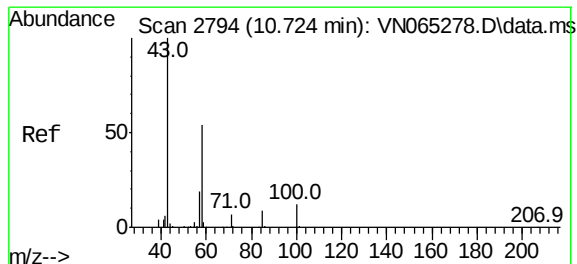
MMDadoda  
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2-Chloroethyl Vinyl ether  
Concen: 87.40 ug/l  
RT: 9.662 min Scan# 2464  
Delta R.T. -0.001 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 63    | Resp: | 163838 |
| Ion Ratio | Lower | Upper |        |
| 63        | 100   |       |        |
| 106       | 28.5  | 22.7  | 34.1   |



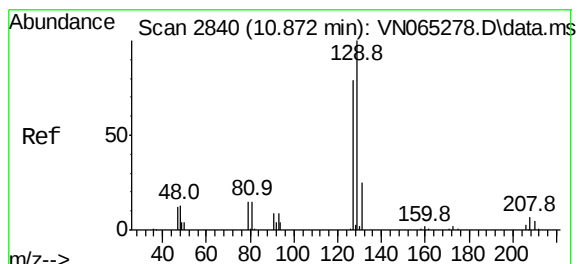
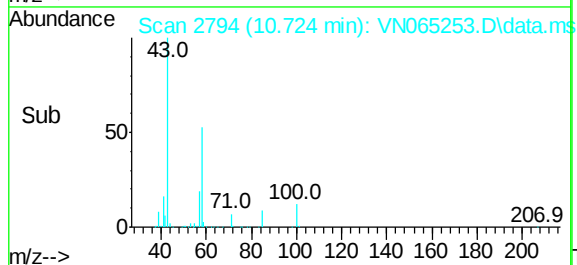
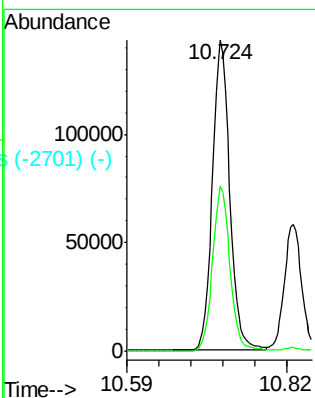
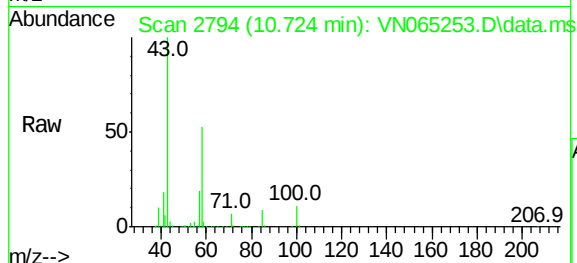


Tgt Ion: 43 Resp: 245761  
Ion Ratio Lower Upper  
43 100  
58 53.1 28.3 84.9

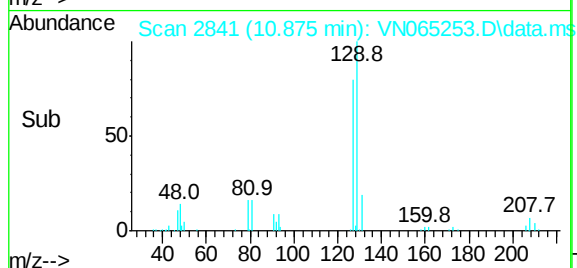
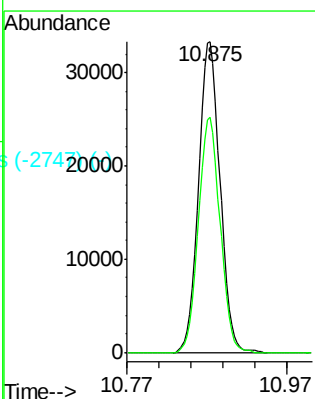
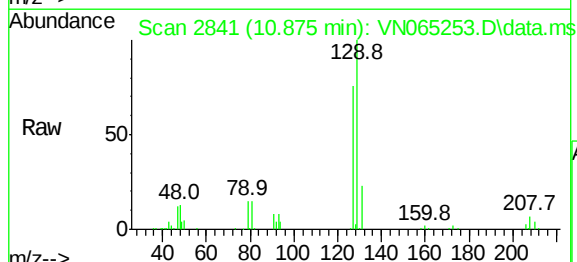
Instrument :  
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ClientSampleId :  
VN1224WBS01

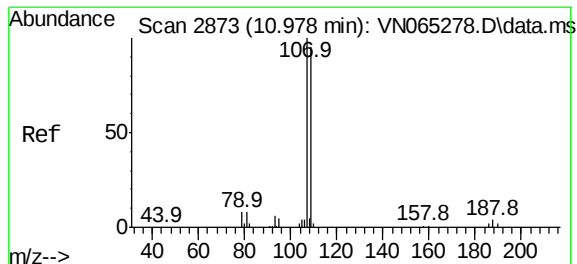
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Tgt Ion: 129 Resp: 60286  
Ion Ratio Lower Upper  
129 100  
127 76.5 39.1 117.2



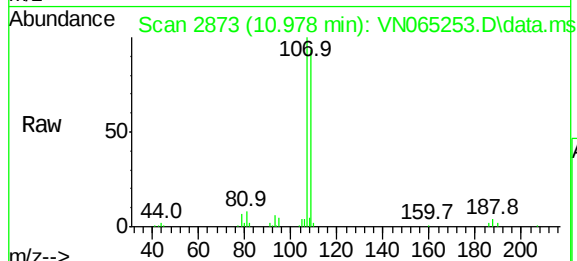


1,2-Dibromoethane  
 Concen: 18.65 ug/l  
 RT: 10.978 min Scan# 2873  
 Delta R.T. -0.000 min  
 Lab File: VN065253.D  
 Acq: 24 Dec 2020 11:45

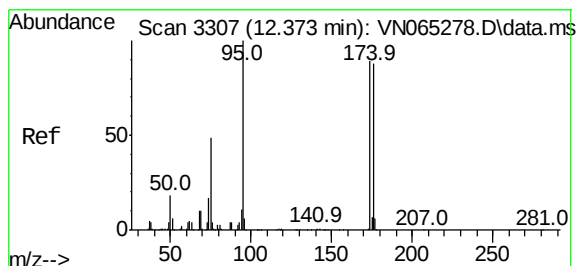
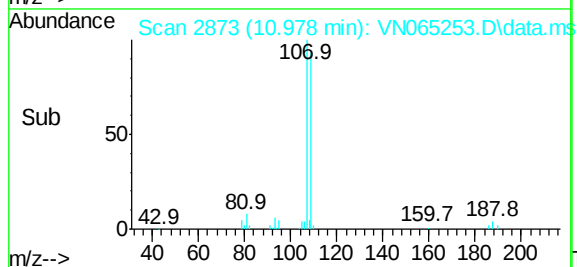
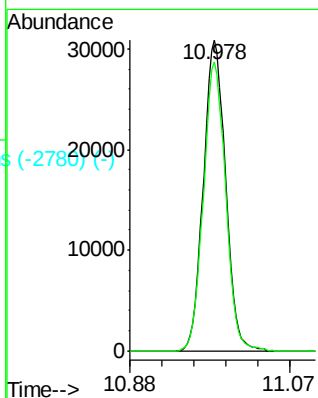
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1224WBS01

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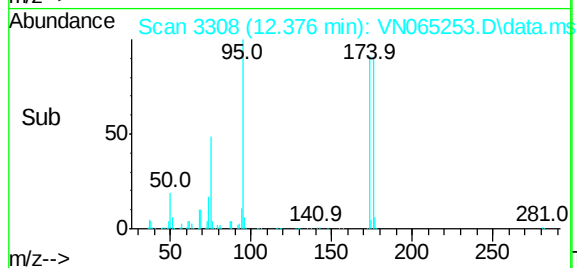
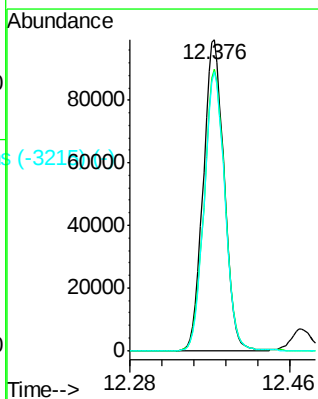
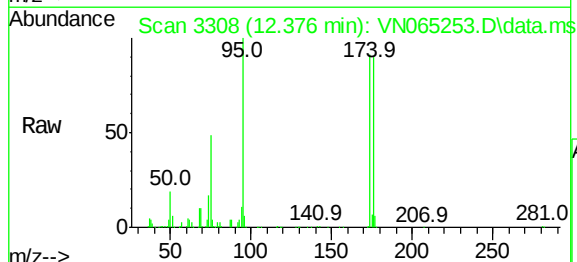


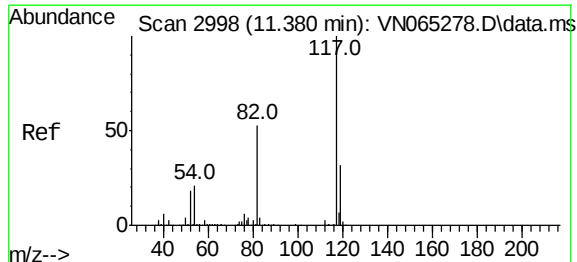
Tgt Ion: 107 Resp: 55723  
 Ion Ratio Lower Upper  
 107 100  
 109 93.4 76.0 114.0



4-Bromofluorobenzene  
 Concen: 46.17 ug/l  
 RT: 12.376 min Scan# 3308  
 Delta R.T. 0.000 min  
 Lab File: VN065253.D  
 Acq: 24 Dec 2020 11:45

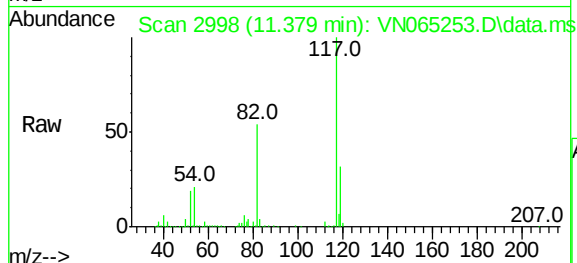
Tgt Ion: 95 Resp: 168721  
 Ion Ratio Lower Upper  
 95 100  
 174 90.2 0.0 160.4  
 176 88.7 0.0 158.4





#2983 (-)  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.379 min Scan# 2998  
Delta R.T. -0.001 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

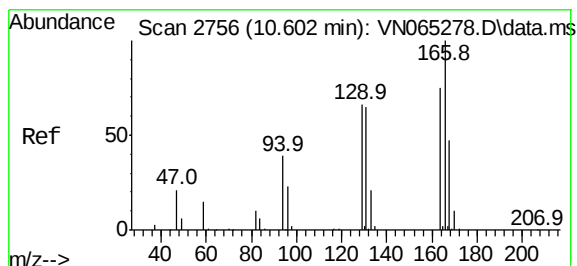
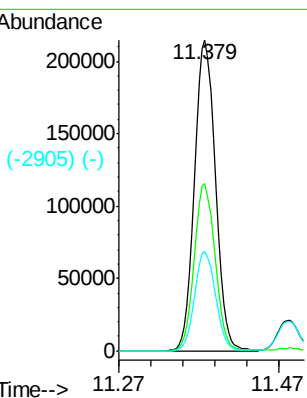
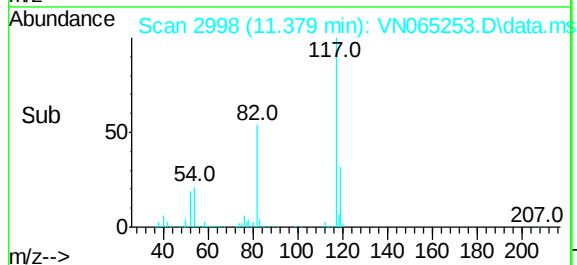
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1224WBS01



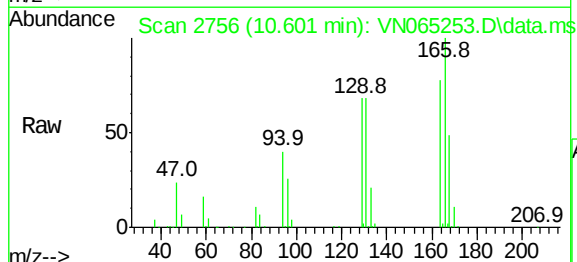
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 374154 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 53.9  | 44.2  | 66.2   |
| 119       | 32.0  | 25.8  | 38.6   |

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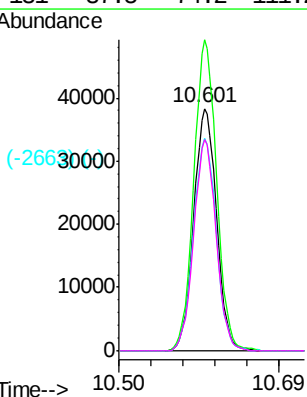
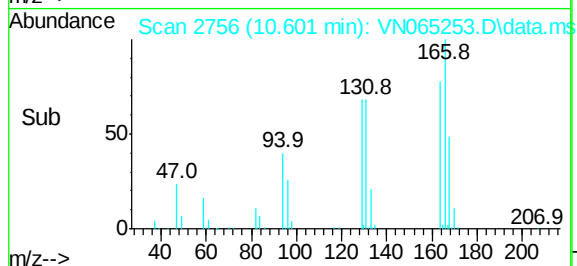
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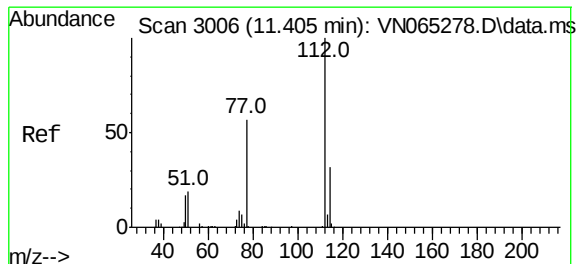


#2742 (-)  
Tetrachloroethene  
Concen: 18.92 ug/l  
RT: 10.601 min Scan# 2756  
Delta R.T. 0.000 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 164   | Resp: | 68752 |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 166       | 128.6 | 101.4 | 152.0 |
| 129       | 87.6  | 76.1  | 114.1 |
| 131       | 87.5  | 74.2  | 111.2 |



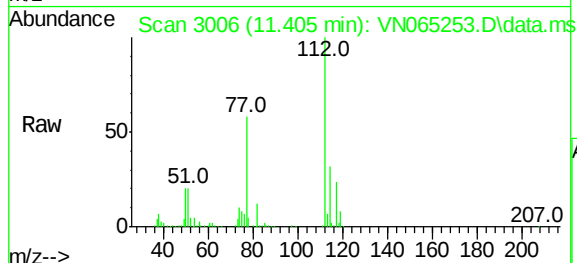


#2992 (-)  
Chlorobenzene  
Concen: 18.73 ug/l  
RT: 11.405 min Scan# 3006  
Delta R.T. 0.000 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

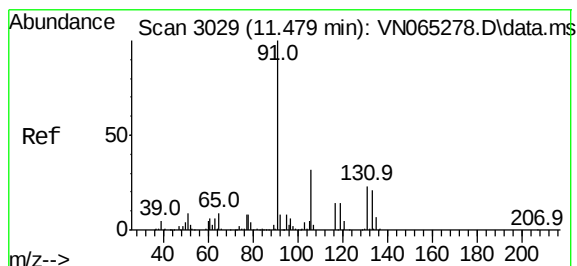
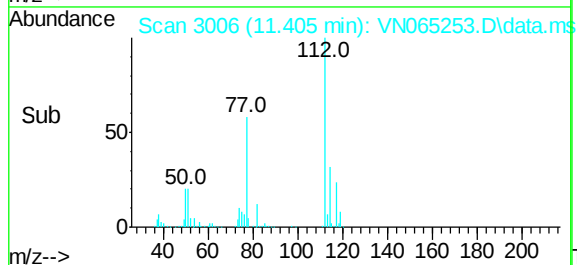
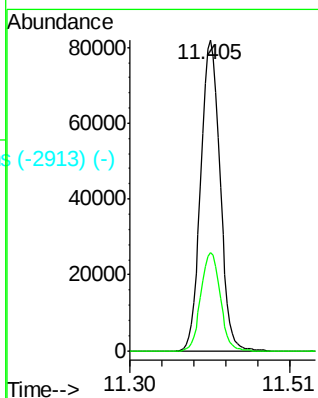
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1224WBS01

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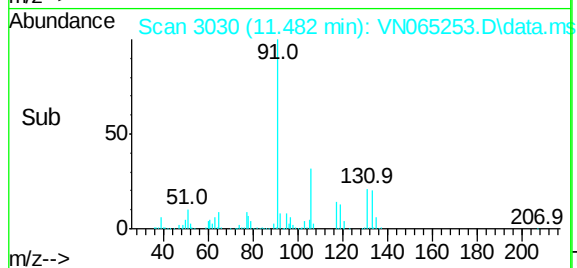
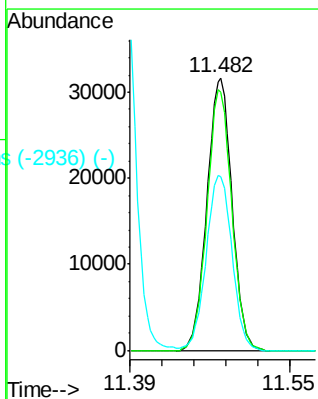
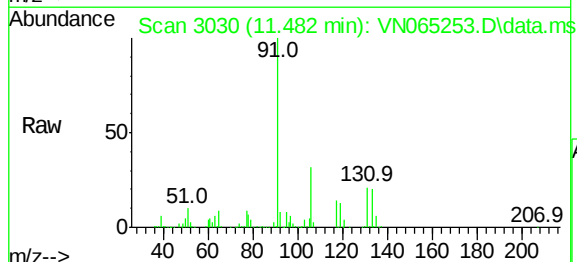


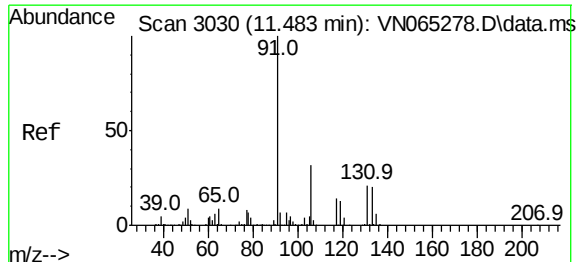
Tgt Ion:112 Resp: 142655  
Ion Ratio Lower Upper  
112 100  
114 31.8 25.1 37.7



#3016 (-)  
1,1,1,2-Tetrachloroethane  
Concen: 18.56 ug/l  
RT: 11.482 min Scan# 3030  
Delta R.T. 0.003 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

Tgt Ion:131 Resp: 55009  
Ion Ratio Lower Upper  
131 100  
133 94.7 47.5 142.5  
119 66.4 33.3 99.8





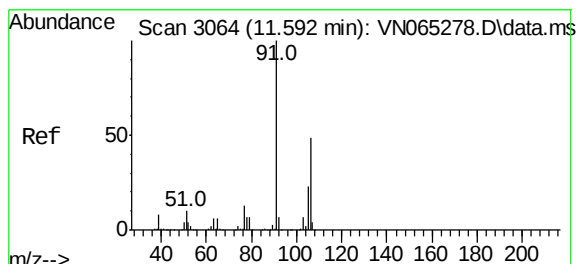
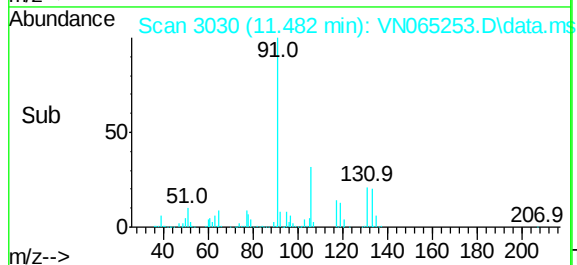
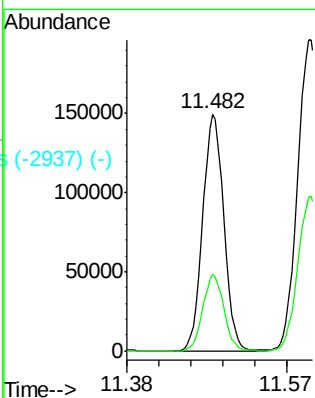
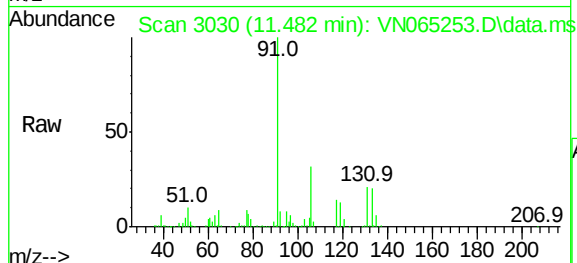
#6716 (-)  
Ethyl Benzene  
Concen: 18.22 ug/l  
RT: 11.482 min Scan# 3030  
Delta R.T. 0.000 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 250095 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 106       | 32.2  | 25.2  | 37.8   |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1224WBS01

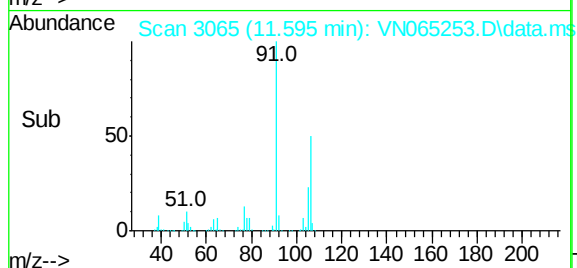
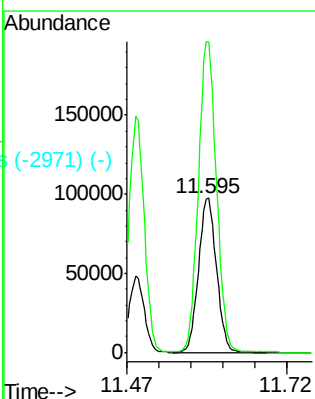
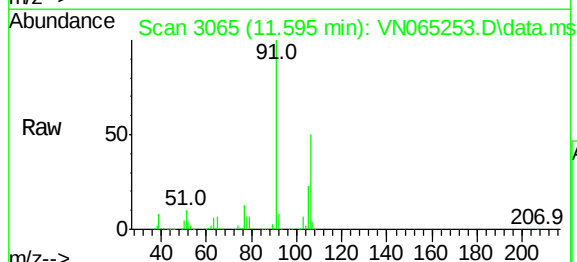
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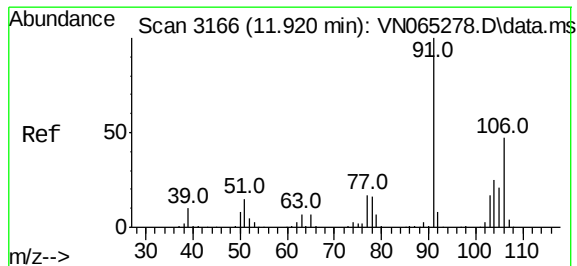
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#6649 (-)  
m/p-Xylenes  
Concen: 36.77 ug/l  
RT: 11.595 min Scan# 3065  
Delta R.T. 0.003 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 106   | Resp: | 190121 |
| Ion Ratio | Lower | Upper |        |
| 106       | 100   |       |        |
| 91        | 201.3 | 161.0 | 241.4  |





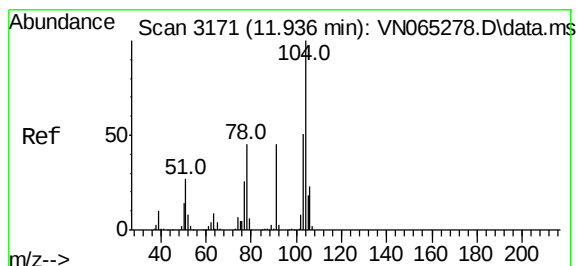
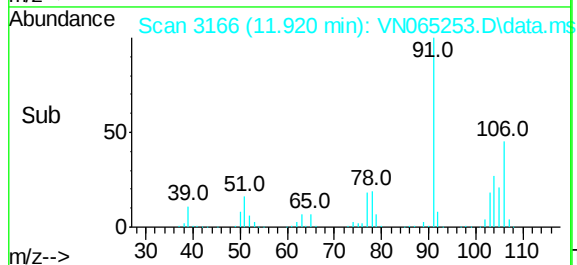
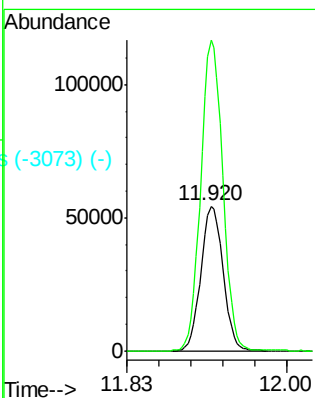
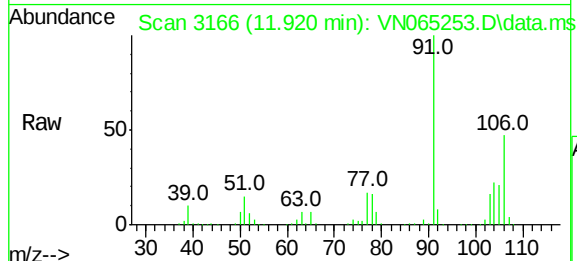
#3166 (-)  
o-Xylene  
Concen: 18.37 ug/l  
RT: 11.920 min Scan# 3166  
Delta R.T. -0.000 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

Tgt Ion:106 Resp: 92198  
Ion Ratio Lower Upper  
106 100  
91 213.4 105.5 316.5

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1224WBS01

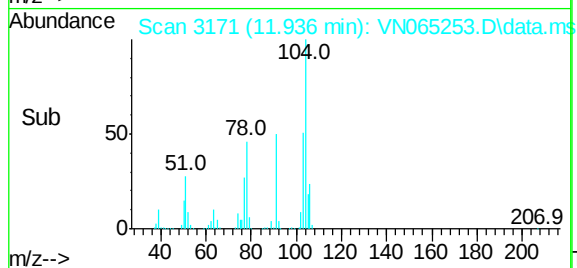
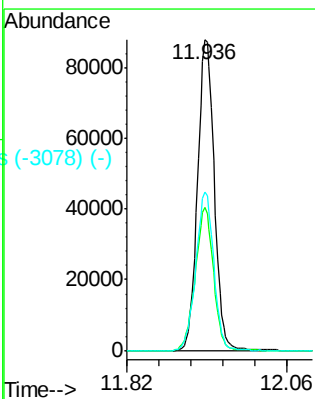
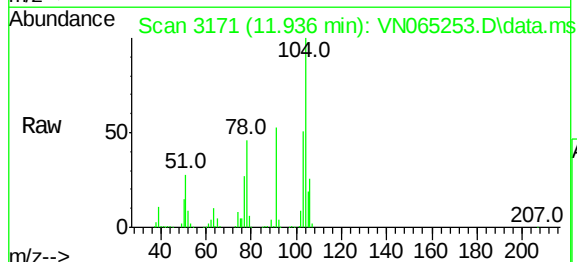
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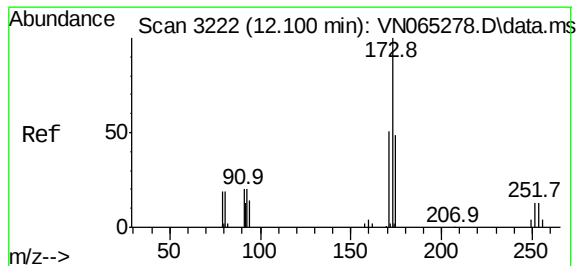
MMDadoda  
12/28/2020 11:03:35 AM



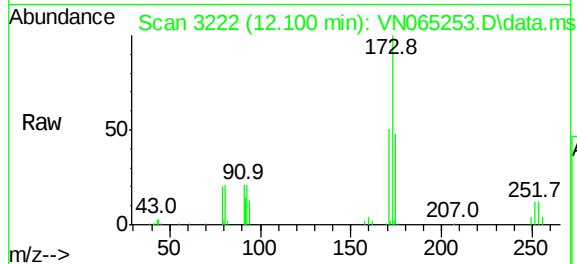
#3171 (-)  
Styrene  
Concen: 18.39 ug/l  
RT: 11.936 min Scan# 3171  
Delta R.T. -0.000 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

Tgt Ion:104 Resp: 153990  
Ion Ratio Lower Upper  
104 100  
78 50.0 39.0 58.6  
103 54.8 44.3 66.5

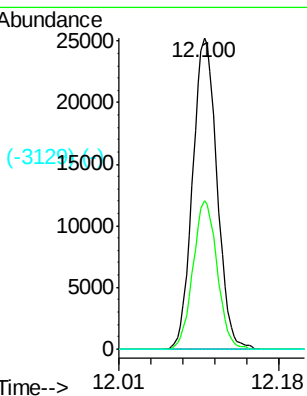
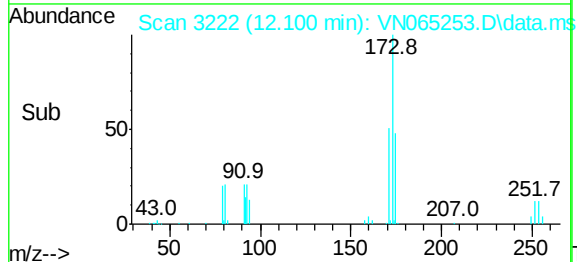




#3109 (-)  
Bromoform  
Concen: 17.93 ug/l  
RT: 12.100 min Scan# 3222  
Delta R.T. -0.000 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45



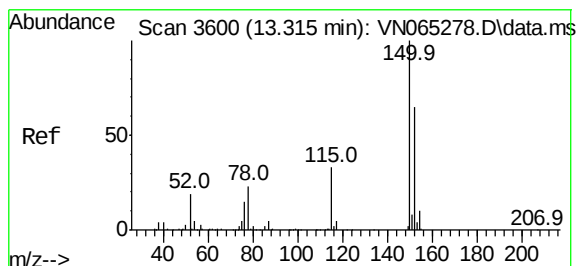
Tgt Ion:173 Resp: 45753  
Ion Ratio Lower Upper  
173 100  
175 47.0 24.3 72.8  
254 0.0 0.0 0.0



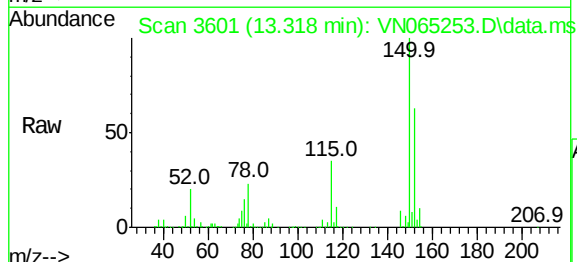
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MSVOA\_N  
ClientSampleId :  
VN1224WBS01

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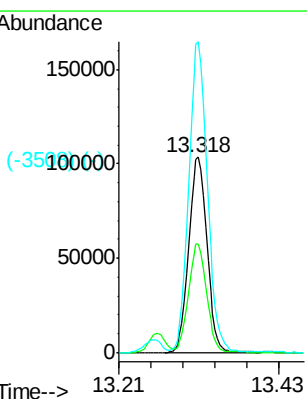
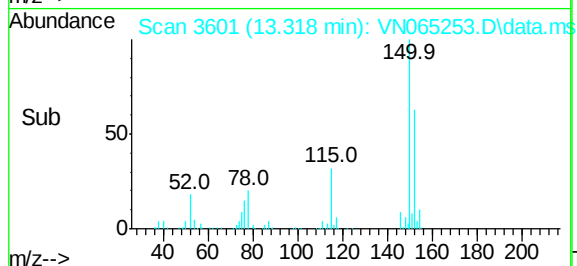
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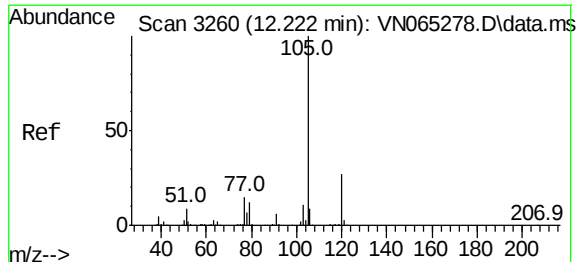


#3107 (-)  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.318 min Scan# 3601  
Delta R.T. 0.000 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45



Tgt Ion:152 Resp: 177168  
Ion Ratio Lower Upper  
152 100  
115 55.2 29.7 89.1  
150 162.0 0.0 350.6



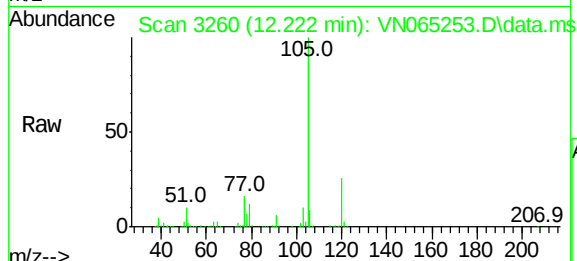


#3246 (-)  
Isopropylbenzene  
Concen: 18.16 ug/l  
RT: 12.222 min Scan# 3260  
Delta R.T. -0.000 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

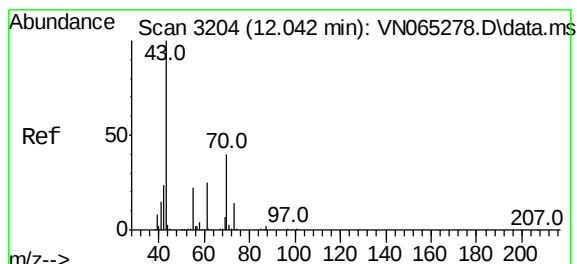
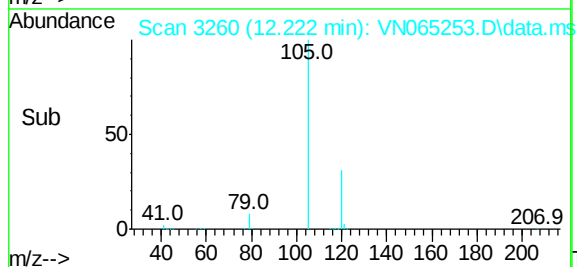
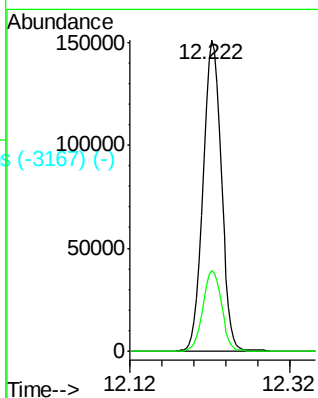
Instrument :  
MSVOA\_N  
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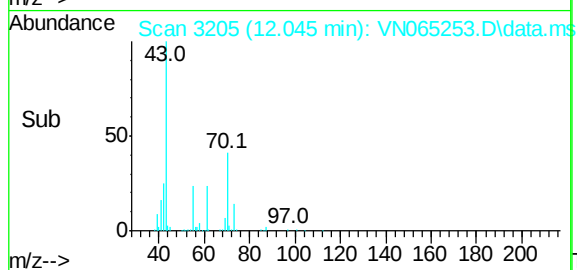
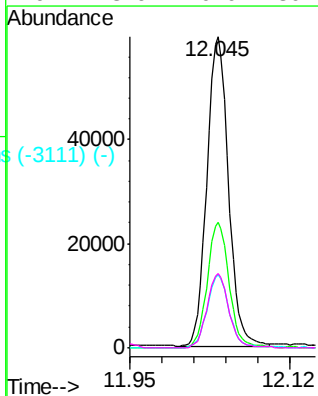
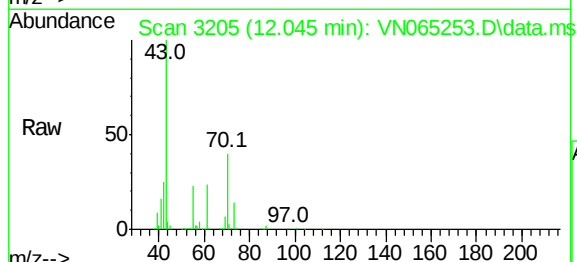


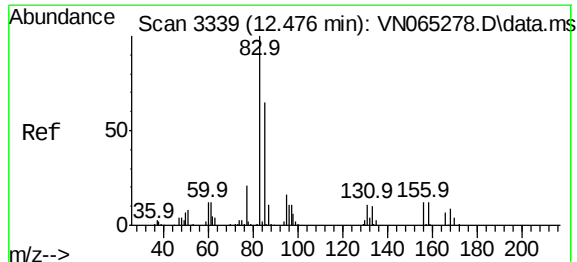
Tgt Ion: 105 Resp: 245001  
Ion Ratio Lower Upper  
105 100  
120 26.4 13.3 39.9



#3188 (-)  
N-nyl acetate  
Concen: 17.82 ug/l  
RT: 12.045 min Scan# 3205  
Delta R.T. 0.003 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

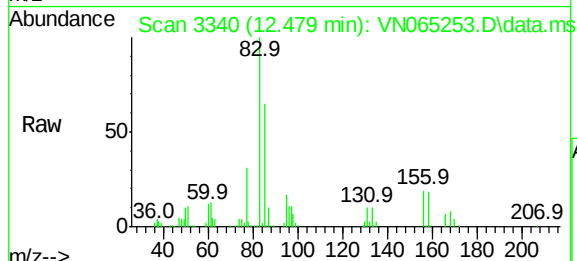
Tgt Ion: 43 Resp: 95751  
Ion Ratio Lower Upper  
43 100  
70 40.8 34.5 51.7  
55 23.6 20.4 30.6  
61 23.9 20.0 30.0





#3327 (-)  
 1,1,2,2-Tetrachloroethane  
 Concen: 18.91 ug/l  
 RT: 12.479 min Scan# 3340  
 Delta R.T. 0.000 min  
 Lab File: VN065253.D  
 Acq: 24 Dec 2020 11:45

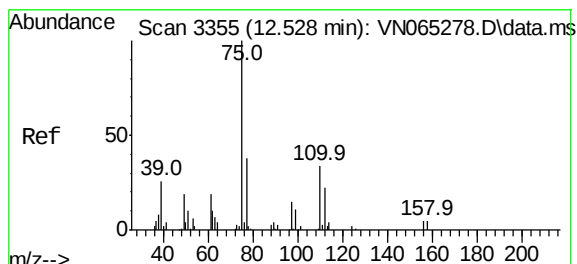
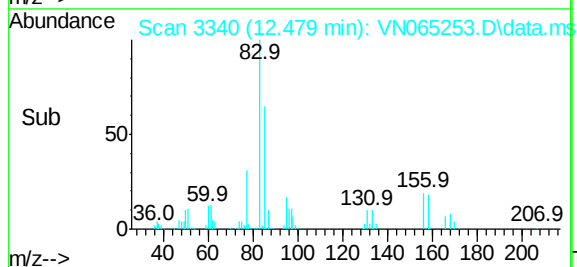
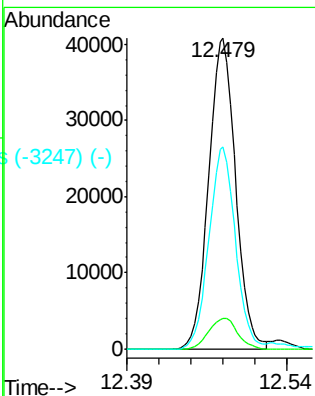
Instrument :  
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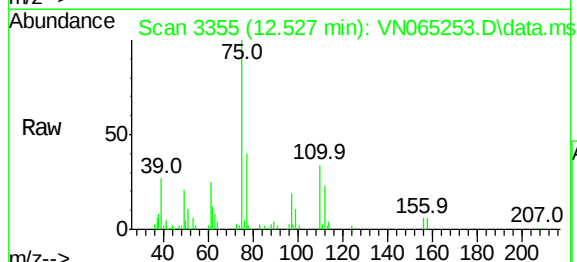
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 68814 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 10.4  | 5.1   | 15.3  |
| 85       | 64.1  | 33.0  | 99.0  |

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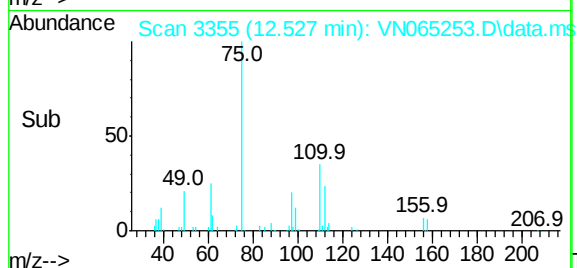
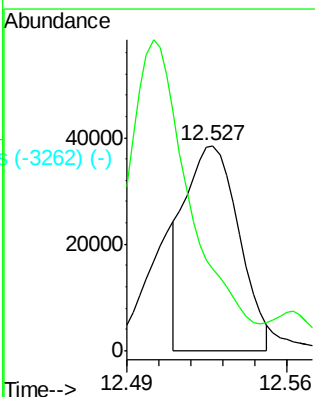
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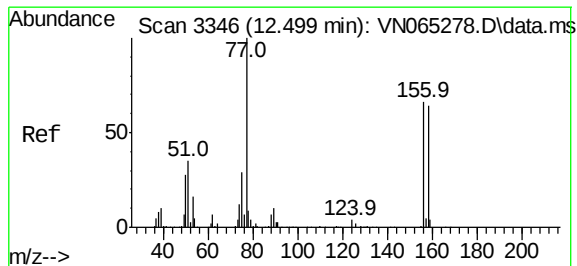


#3334 (-)  
 1,2,3-Trichloropropane  
 Concen: 19.12 ug/l m  
 RT: 12.527 min Scan# 3355  
 Delta R.T. 0.000 min  
 Lab File: VN065253.D  
 Acq: 24 Dec 2020 11:45



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 69122 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 0.0   | 0.0   | 0.0   |





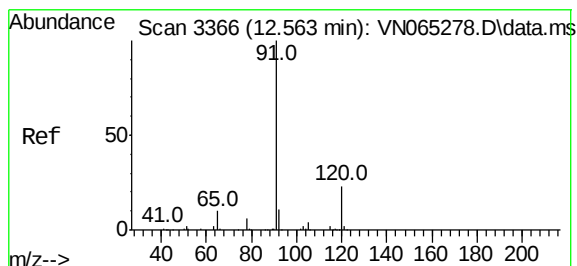
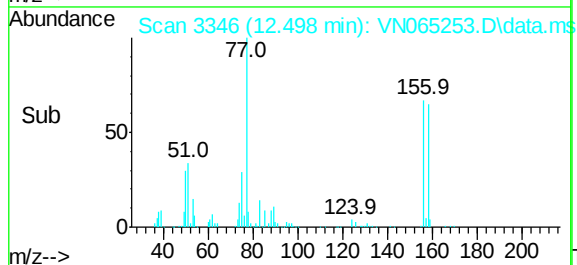
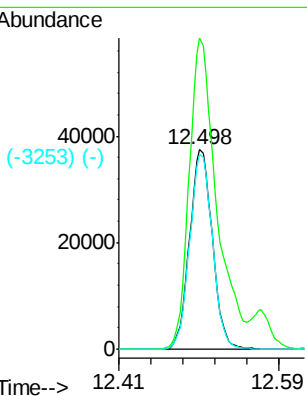
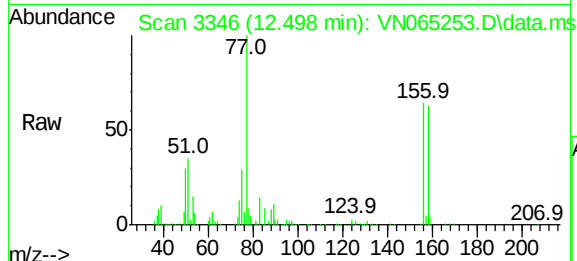
#3333 (-)  
Bromobenzene  
Concen: 18.43 ug/l  
RT: 12.498 min Scan# 3346  
Delta R.T. -0.001 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

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Tgt Ion:156 Resp: 65006  
Ion Ratio Lower Upper  
156 100  
77 189.6 101.3 303.7  
158 97.8 48.2 144.6

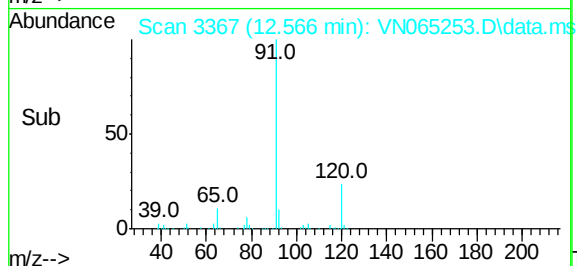
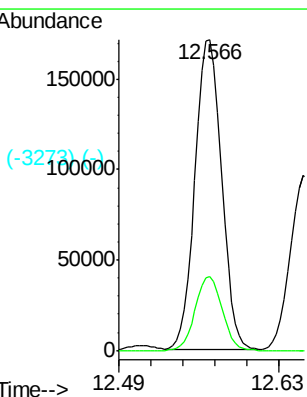
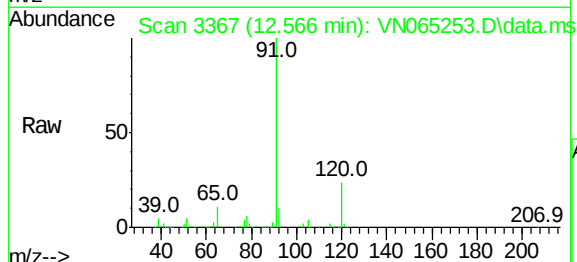
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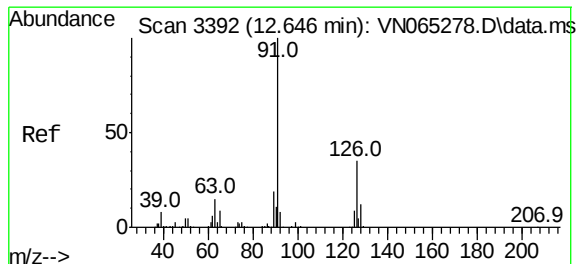
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#3354 (-)  
n-propylbenzene  
Concen: 17.87 ug/l  
RT: 12.566 min Scan# 3367  
Delta R.T. 0.003 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

Tgt Ion: 91 Resp: 272271  
Ion Ratio Lower Upper  
91 100  
120 24.0 11.6 34.7



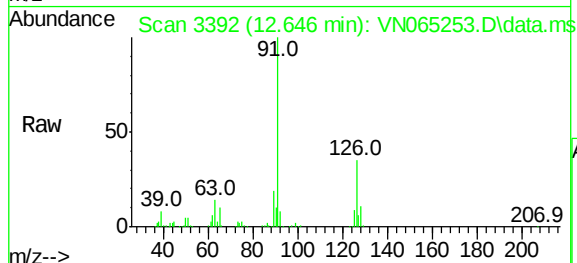


2-Chlorotoluene  
 Concen: 18.03 ug/l  
 RT: 12.646 min Scan# 3392  
 Delta R.T. 0.000 min  
 Lab File: VN065253.D  
 Acq: 24 Dec 2020 11:45

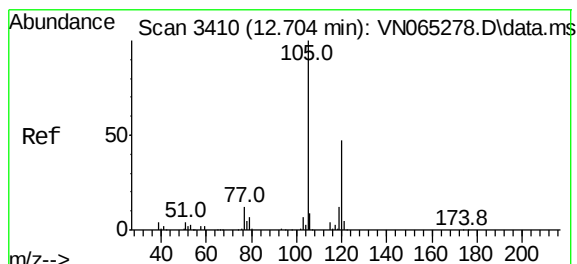
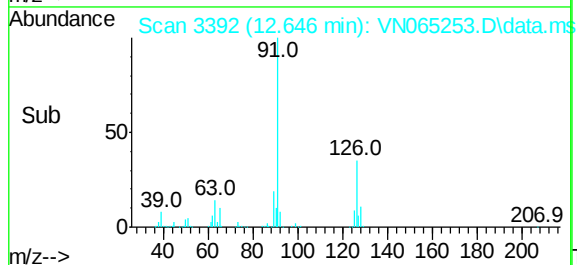
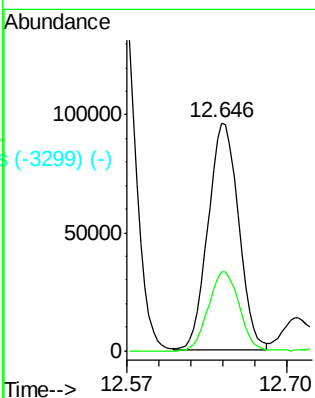
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1224WBS01

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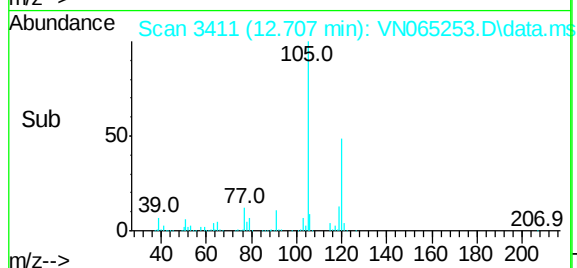
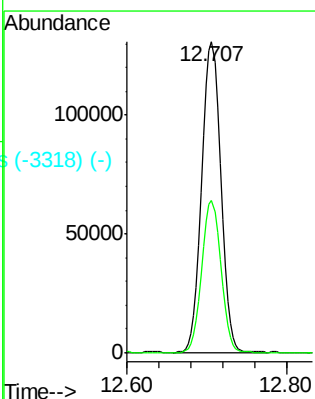
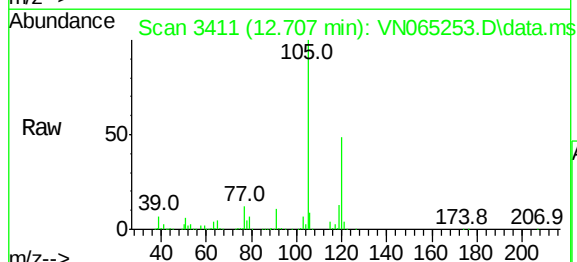


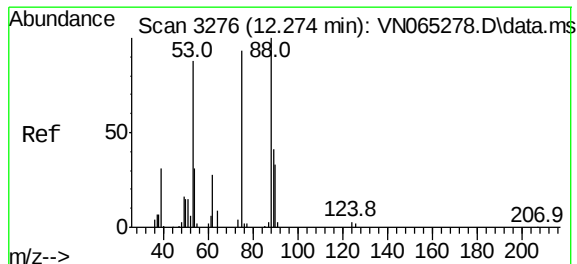
Tgt Ion: 91 Resp: 161730  
 Ion Ratio Lower Upper  
 91 100  
 126 35.4 17.2 51.6



1,3,5-Trimethylbenzene  
 Concen: 18.08 ug/l  
 RT: 12.707 min Scan# 3411  
 Delta R.T. -0.001 min  
 Lab File: VN065253.D  
 Acq: 24 Dec 2020 11:45

Tgt Ion: 105 Resp: 208028  
 Ion Ratio Lower Upper  
 105 100  
 120 48.9 24.6 73.6



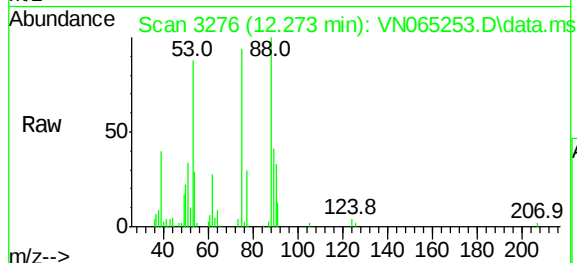


#8166 (-)  
trans-1,4-Dichloro-2-butene  
Concen: 17.66 ug/l  
RT: 12.273 min Scan# 3276  
Delta R.T. 0.000 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

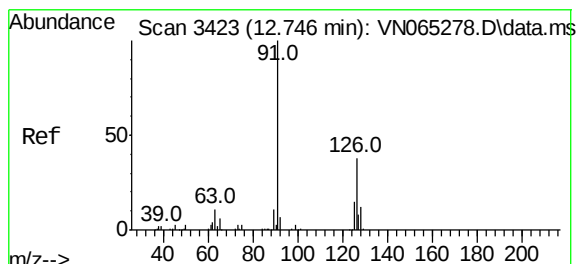
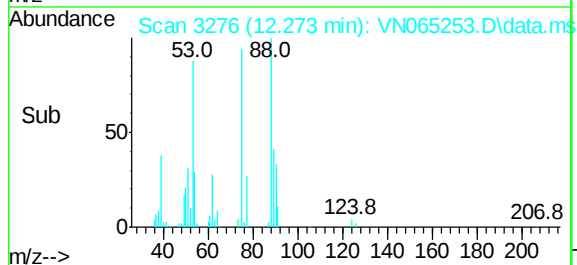
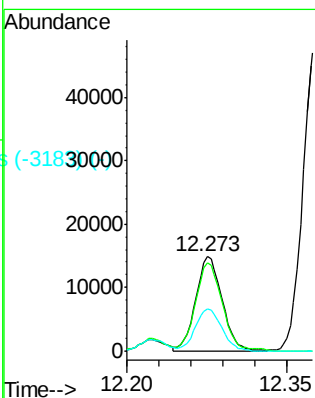
Instrument :  
MSVOA\_N  
ClientSampleId :  
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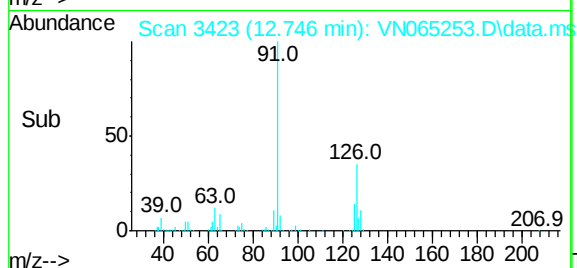
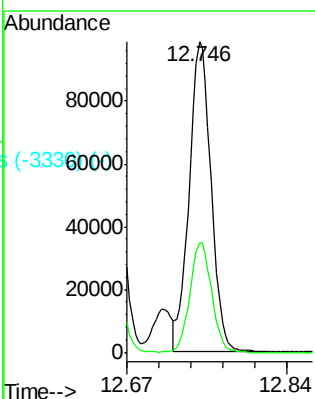
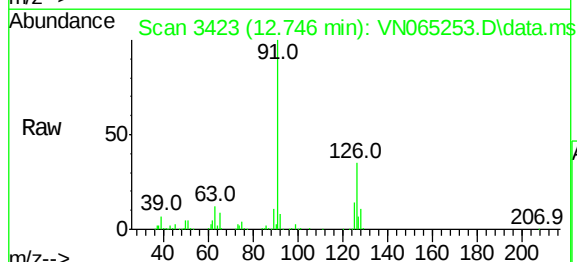


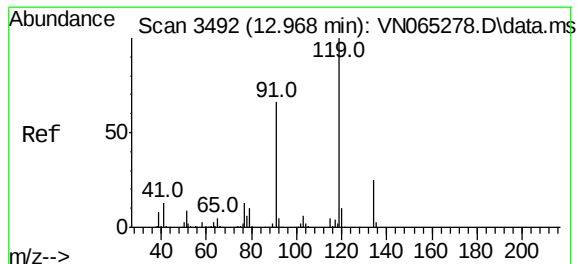
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 95.2  | 67.0  | 100.4 |
| 89      | 44.7  | 39.6  | 59.4  |



#8214 (-)  
4-Chlorotoluene  
Concen: 17.90 ug/l  
RT: 12.746 min Scan# 3423  
Delta R.T. -0.000 min  
Lab File: VN065253.D  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 35.3  | 16.9  | 50.7  |





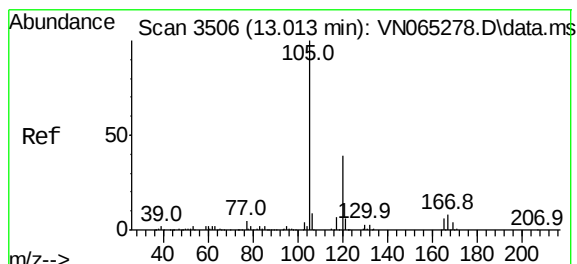
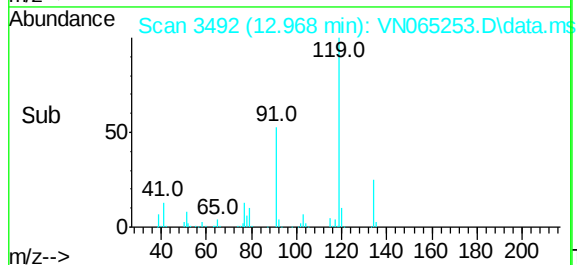
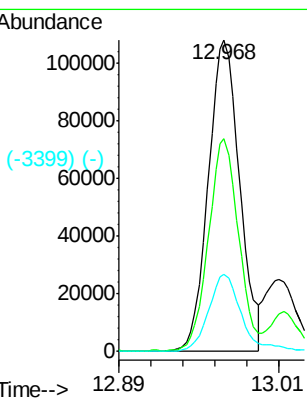
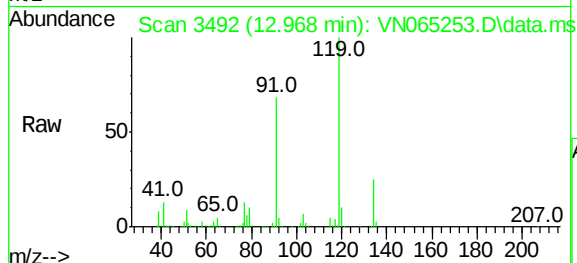
#8378 (-)  
tert-Butylbenzene  
Concen: 18.21 ug/l  
RT: 12.968 min Scan# 3492  
Delta R.T. -0.000 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 119   | Resp: | 178475 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 91        | 66.2  | 32.3  | 96.8   |
| 134       | 25.5  | 12.6  | 37.6   |

Instrument :  
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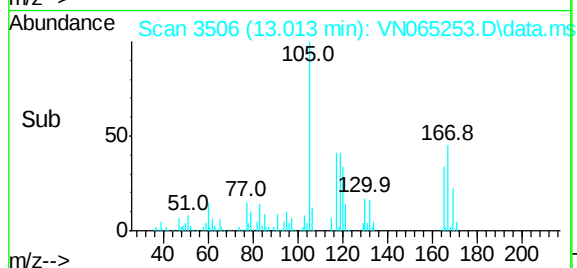
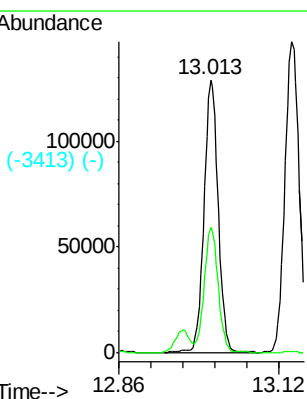
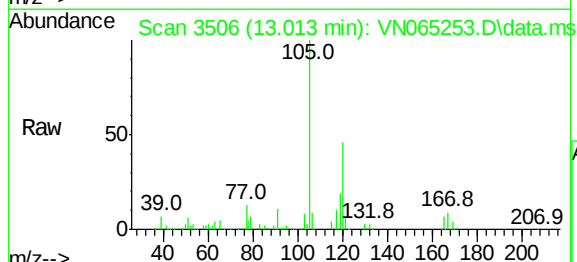
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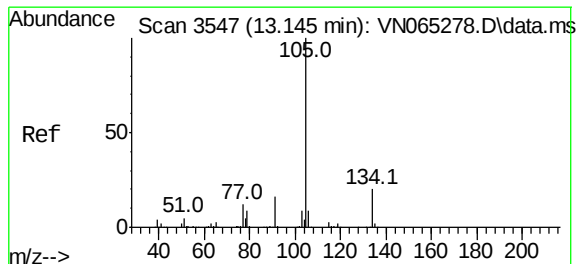
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#8494 (-)  
1,2,4-Trimethylbenzene  
Concen: 18.53 ug/l  
RT: 13.013 min Scan# 3506  
Delta R.T. -0.000 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 207609 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 45.8  | 23.1  | 69.2   |





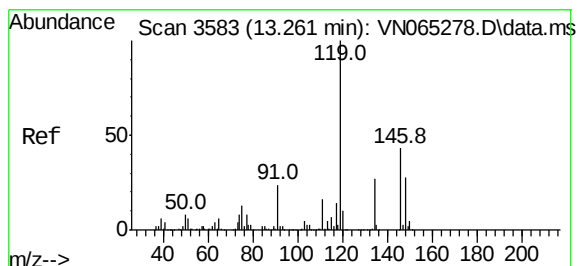
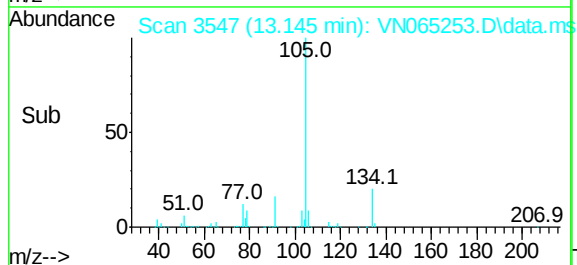
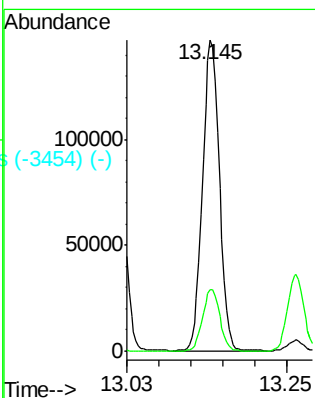
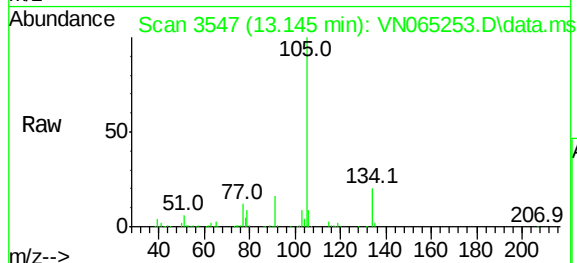
#3534 (-)  
 sec-Butylbenzene  
 Concen: 18.20 ug/l  
 RT: 13.145 min Scan# 3547  
 Delta R.T. -0.000 min  
 Lab File: VN065253.D  
 Acq: 24 Dec 2020 11:45

Tgt Ion:105 Resp: 236668  
 Ion Ratio Lower Upper  
 105 100  
 134 20.1 10.1 30.1

Instrument :  
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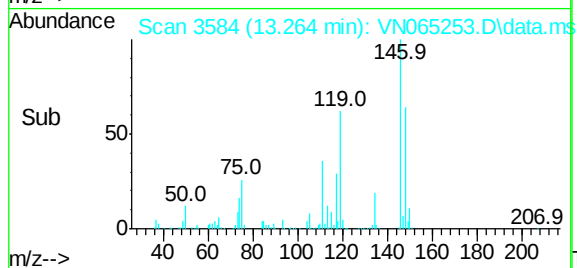
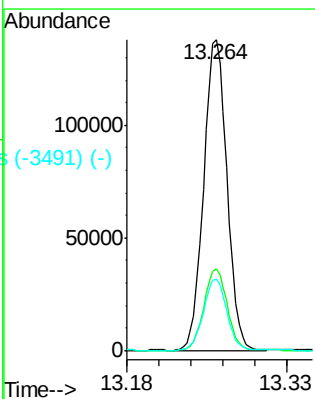
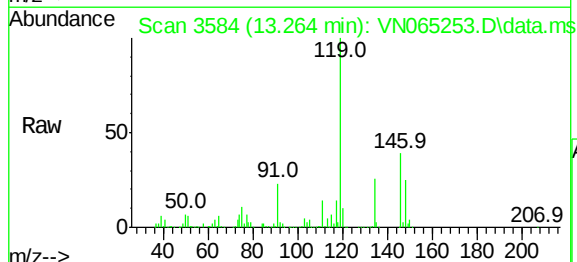
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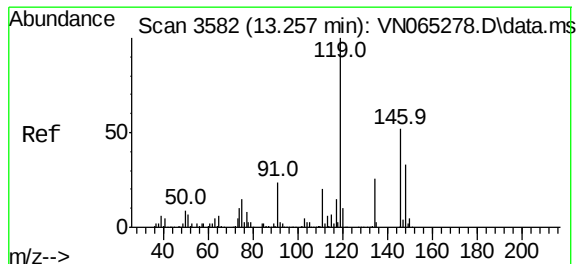
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#3571 (-)  
 p-Isopropyltoluene  
 Concen: 18.13 ug/l  
 RT: 13.264 min Scan# 3584  
 Delta R.T. -0.000 min  
 Lab File: VN065253.D  
 Acq: 24 Dec 2020 11:45

Tgt Ion:119 Resp: 216126  
 Ion Ratio Lower Upper  
 119 100  
 134 26.3 13.1 39.1  
 91 23.0 11.5 34.5





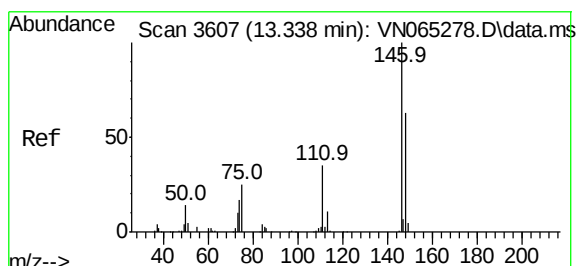
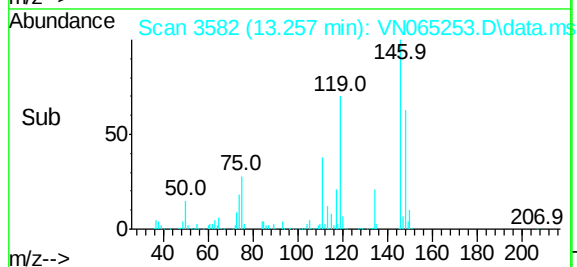
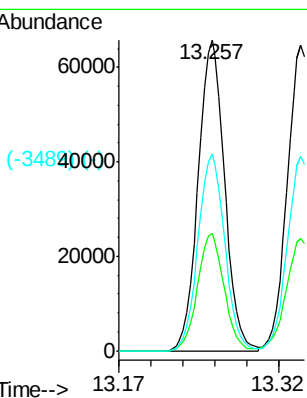
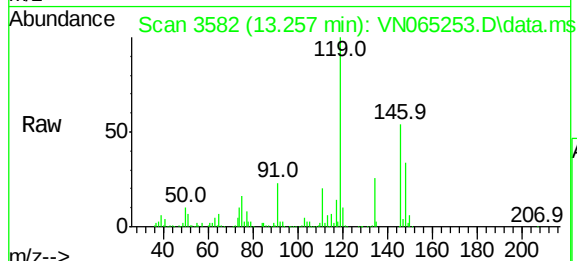
Scan 3582 (13.257 min): VN065278.D\data.ms (#8768) (-)  
 1,3-Dichlorobenzene  
 Concen: 18.37 ug/l  
 RT: 13.257 min Scan# 3582  
 Delta R.T. 0.000 min  
 Lab File: VN065253.D  
 Acq: 24 Dec 2020 11:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 108365 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 37.8  | 20.6  | 61.9   |
| 148       | 64.3  | 31.9  | 95.5   |

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1224WBS01

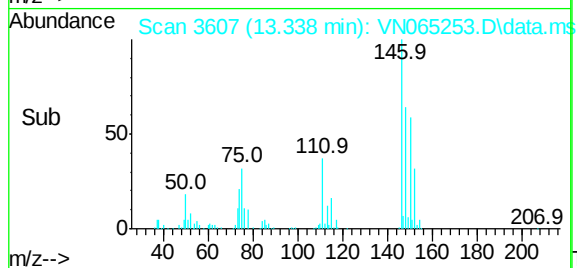
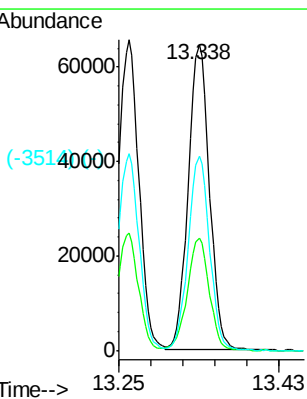
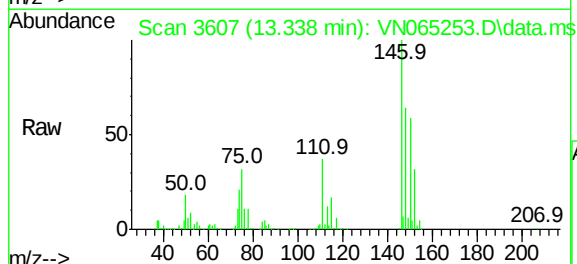
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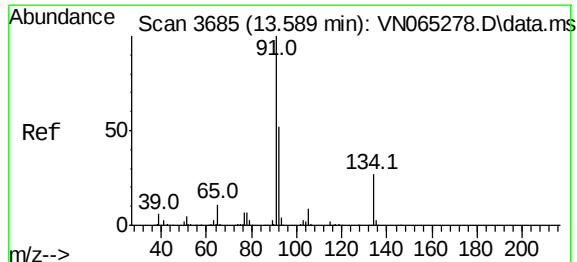
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Scan 3607 (13.338 min): VN065278.D\data.ms (#8995) (-)  
 1,4-Dichlorobenzene  
 Concen: 18.37 ug/l  
 RT: 13.338 min Scan# 3607  
 Delta R.T. -0.000 min  
 Lab File: VN065253.D  
 Acq: 24 Dec 2020 11:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 108739 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 38.1  | 19.8  | 59.3   |
| 148       | 64.3  | 31.9  | 95.5   |



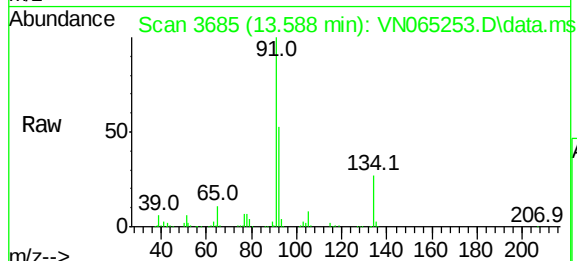


#9071 (-)  
n-Butylbenzene  
Concen: 18.19 ug/l  
RT: 13.588 min Scan# 3685  
Delta R.T. 0.000 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

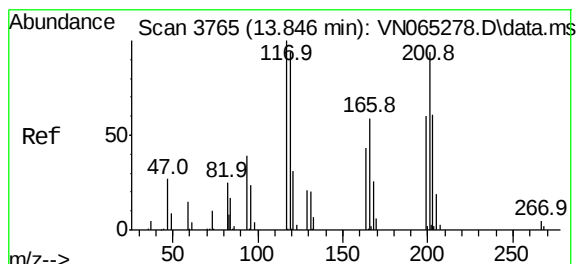
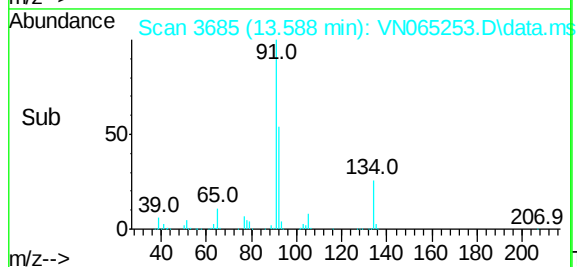
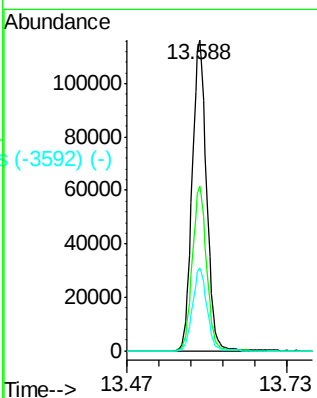
Instrument :  
MSVOA\_N  
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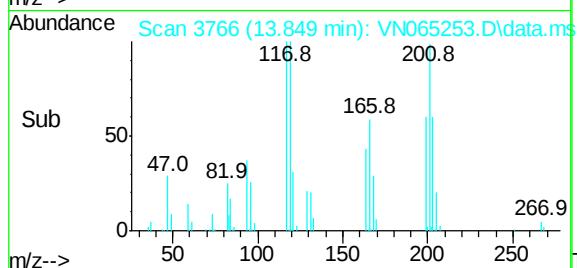
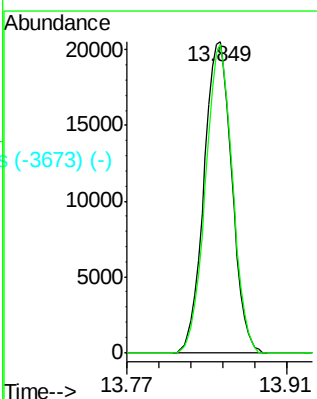
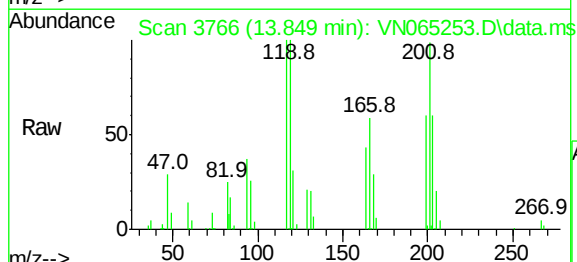


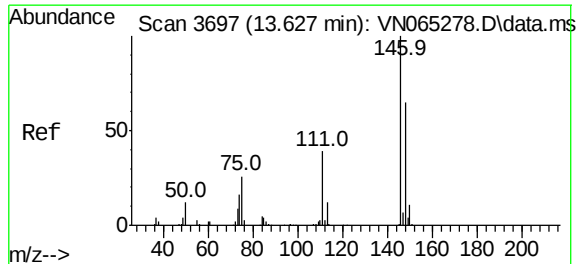
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.3  | 26.0  | 78.0  |
| 134     | 26.2  | 12.9  | 38.6  |



#9053 (-)  
Hexachloroethane  
Concen: 17.42 ug/l  
RT: 13.849 min Scan# 3766  
Delta R.T. -0.000 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 95.7  | 40.1  | 120.3 |





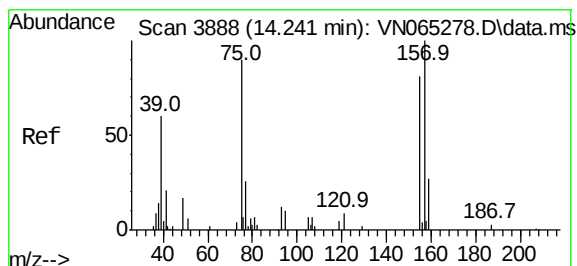
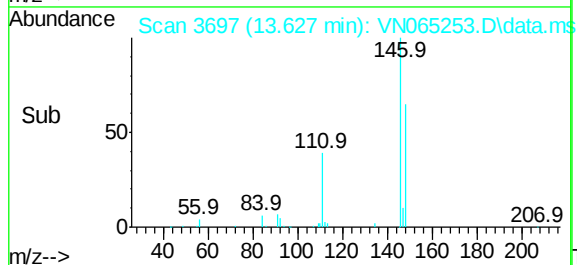
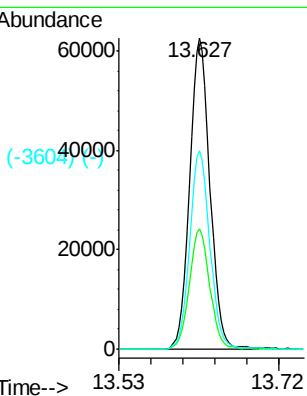
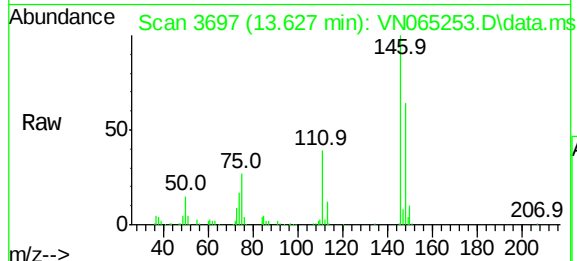
1,2-Dichlorobenzene  
Concen: 18.87 ug/l  
RT: 13.627 min Scan# 3697  
Delta R.T. -0.000 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 106894 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 111      | 38.8  | 21.1  | 63.1   |
| 148      | 63.5  | 32.0  | 96.2   |

Instrument :  
MSVOA\_N  
ClientSampleId :  
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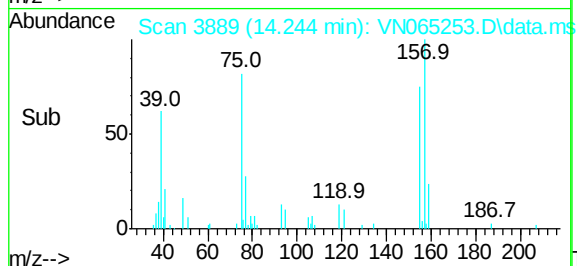
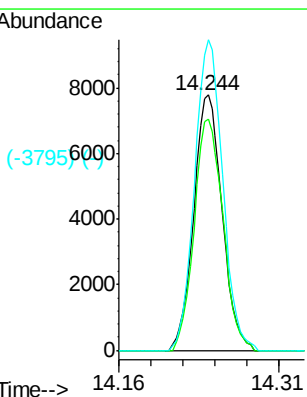
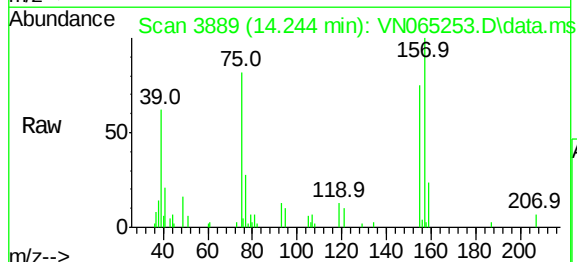
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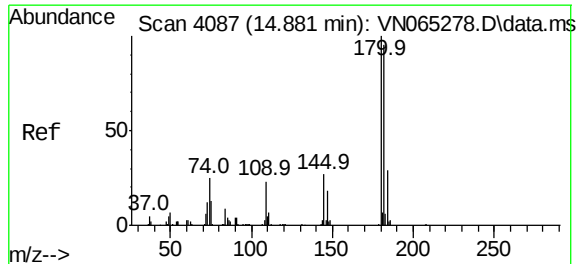
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1,2-Dibromo-3-Chloropropane  
Concen: 18.39 ug/l  
RT: 14.244 min Scan# 3889  
Delta R.T. 0.003 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 13782 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 155      | 91.7  | 42.8  | 128.3 |
| 157      | 120.3 | 56.4  | 169.1 |





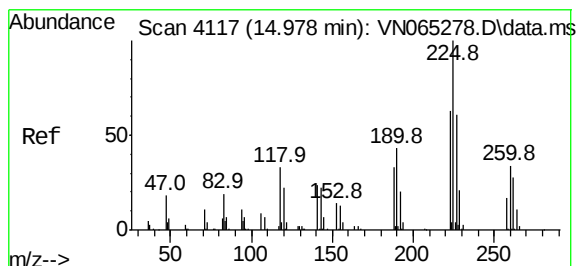
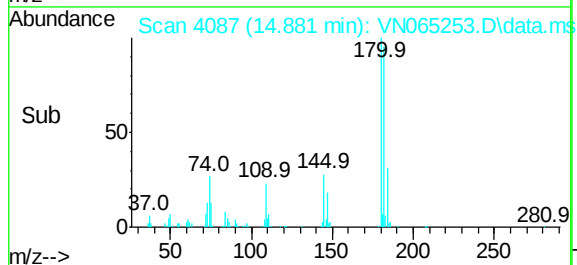
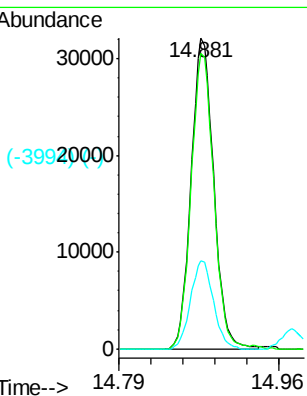
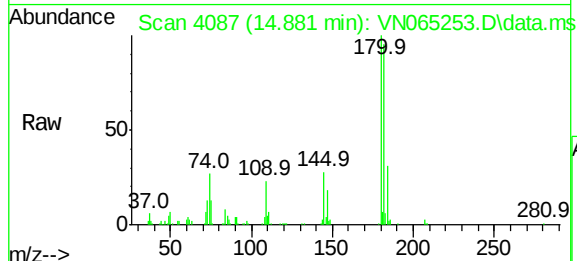
Scan 4087 (14.881 min): VN065278.D\data.ms (#4075) (-)  
 1,2,4-Trichlorobenzene  
 Concen: 17.33 ug/l  
 RT: 14.881 min Scan# 4087  
 Delta R.T. -0.000 min  
 Lab File: VN065253.D  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 53904 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 96.0  | 47.6  | 142.9 |
| 145      | 28.6  | 15.3  | 45.8  |

Instrument :  
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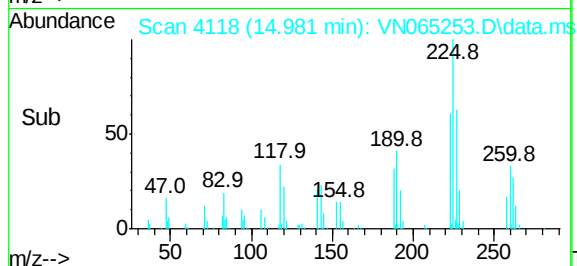
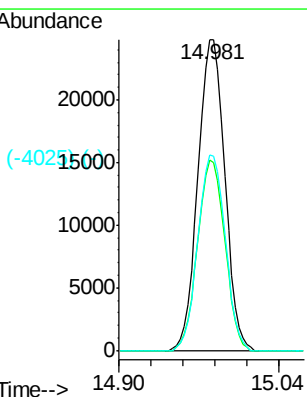
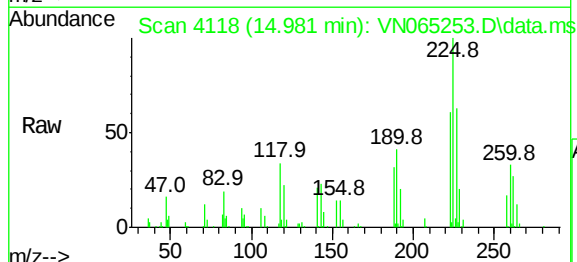
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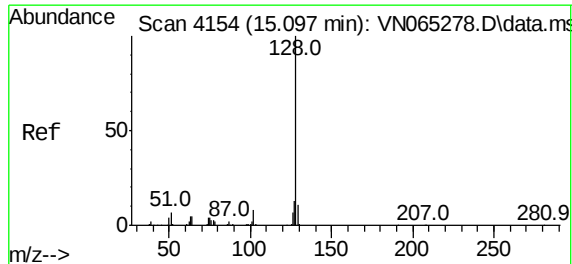
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Scan 4117 (14.978 min): VN065278.D\data.ms (#4105) (-)  
 Hexachlorobutadiene  
 Concen: 17.81 ug/l  
 RT: 14.981 min Scan# 4118  
 Delta R.T. -0.000 min  
 Lab File: VN065253.D  
 Acq: 24 Dec 2020 11:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 39824 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 62.0  | 31.0  | 93.0  |
| 227      | 64.0  | 32.0  | 96.0  |





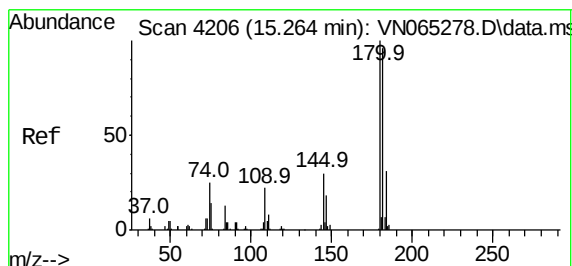
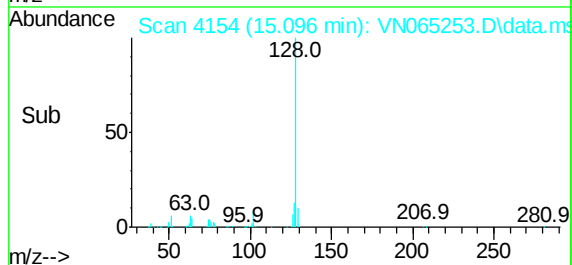
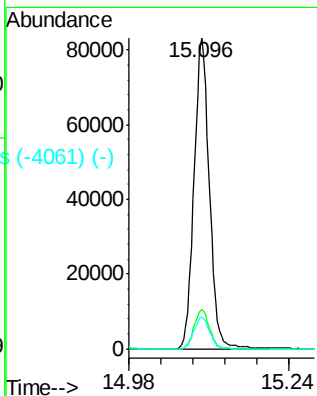
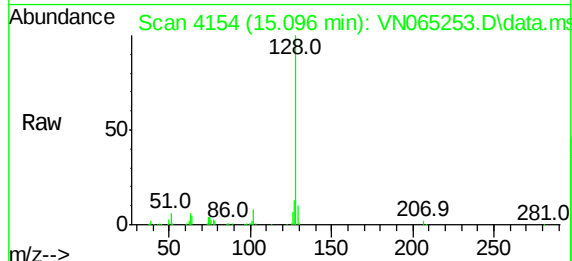
#4154 (-)  
Naphthalene  
Concen: 17.68 ug/l  
RT: 15.096 min Scan# 4154  
Delta R.T. 0.000 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

Tgt Ion:128 Resp: 140848  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.3 15.5  
129 10.3 8.7 13.1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1224WBS01

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#4206 (-)  
1,2,3-Trichlorobenzene  
Concen: 17.97 ug/l  
RT: 15.264 min Scan# 4206  
Delta R.T. -0.000 min  
Lab File: VN065253.D  
Acq: 24 Dec 2020 11:45

Tgt Ion:180 Resp: 51290  
Ion Ratio Lower Upper  
180 100  
182 94.7 48.1 144.4  
145 30.1 16.4 49.1

