

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN121620\  
 Data File : VN065168.D  
 Acq On : 16 Dec 2020 11:37  
 Operator : JC/MD  
 Sample : VN1216WBSD01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VN1216WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 12/22/2020 11:17:11 AM

Quant Time: Dec 21 13:57:04 2020  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N121520w.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue Dec 15 15:18:54 2020  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Bromochloromethane        | 7.148  | 128   | 106934   | 30.00    | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 8.547  | 114   | 545638   | 30.00    | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 11.380 | 117   | 498630   | 30.00    | ug/l   | 0.00     |
|                              |        |       |          |          |        |          |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 27) 1,2-Dichloroethane-d4    | 7.984  | 65    | 211119   | 28.84    | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | =      | 96.13%   |
| 60) 4-Bromofluorobenzene     | 12.373 | 95    | 234537   | 29.94    | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | =      | 99.80%   |
| 63) Toluene-d8               | 10.058 | 98    | 693020   | 28.79    | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | =      | 95.97%   |
|                              |        |       |          |          |        |          |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.833  | 85    | 115620   | 19.07    | ug/l   | 98       |
| 3) Chloromethane             | 2.036  | 50    | 134781   | 19.30    | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.165  | 62    | 139021   | 18.07    | ug/l   | 98       |
| 5) Bromomethane              | 2.534  | 94    | 90829    | 16.82    | ug/l   | 93       |
| 6) Chloroethane              | 2.676  | 64    | 77039    | 16.80    | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 2.988  | 101   | 191991   | 16.87    | ug/l   | 96       |
| 8) Diethyl Ether             | 3.373  | 74    | 70330    | 19.34    | ug/l   | 86       |
| 9) 1,1,2-Trichlorotrifluo... | 3.721  | 101   | 112614   | 19.17    | ug/l   | 86       |
| 10) 1,1-Dichloroethene       | 3.698  | 96    | 107400   | 18.84    | ug/l   | 82       |
| 11) Methyl Iodide            | 3.914  | 142   | 150368   | 18.98    | ug/l   | 92       |
| 12) Methyl Acetate           | 4.277  | 43    | 99946    | 19.27    | ug/l   | 97       |
| 13) Acrolein                 | 3.566  | 56    | 62588    | 85.31    | ug/l   | 100      |
| 14) Acrylonitrile            | 4.930  | 53    | 243326   | 95.72    | ug/l # | 63       |
| 15) Acetone                  | 3.772  | 58    | 72587    | 90.95    | ug/l # | 66       |
| 16) Carbon Disulfide         | 4.013  | 76    | 319120   | 19.03    | ug/l   | 98       |
| 17) Allyl chloride           | 4.280  | 41    | 148218   | 17.95    | ug/l   | 86       |
| 18) Methylene Chloride       | 4.505  | 84    | 128374   | 19.15    | ug/l   | 88       |
| 19) trans-1,2-Dichloroethene | 4.988  | 96    | 116585   | 18.83    | ug/l   | 92       |
| 20) Diisopropyl ether        | 5.898  | 45    | 363054   | 17.83    | ug/l   | 96       |
| 21) 1,1-Dichloroethane       | 5.795  | 63    | 215601   | 17.55    | ug/l   | 96       |
| 22) cis-1,2-Dichloroethene   | 6.782  | 96    | 135553   | 19.42    | ug/l   | 82       |
| 23) tert-Butyl Alcohol       | 4.724  | 59    | 71218    | 86.65    | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 4.991  | 73    | 337123   | 19.53    | ug/l # | 88       |
| 25) Chloroform               | 7.328  | 83    | 219171   | 18.88    | ug/l   | 98       |
| 26) Cyclohexane              | 7.614  | 56    | 168229   | 18.74    | ug/l # | 92       |
| 29) 1,1-Dichloropropene      | 7.750  | 75    | 160287   | 18.67    | ug/l   | 96       |
| 30) 2-Butanone               | 6.782  | 43    | 299895   | 90.27    | ug/l # | 73       |
| 31) 2,2-Dichloropropane      | 6.772  | 77    | 176356   | 18.55    | ug/l   | 93       |
| 32) 1,1,1-Trichloroethane    | 7.524  | 97    | 187316   | 18.35    | ug/l   | 93       |
| 33) Carbon Tetrachloride     | 7.730  | 117   | 168966   | 18.32    | ug/l   | 99       |
| 34) Benzene                  | 8.000  | 78    | 492815   | 18.98    | ug/l # | 92       |
| 35) Methacrylonitrile        | 7.123  | 41    | 58236    | 17.91    | ug/l   | 83       |
| 36) 1,2-Dichloroethane       | 8.084  | 62    | 164188   | 18.46    | ug/l # | 91       |
| 37) Trichloroethene          | 8.801  | 130   | 132694   | 18.74    | ug/l   | 88       |
| 38) Methylcyclohexane        | 9.045  | 83    | 173609   | 16.95    | ug/l   | 93       |
| 39) 1,2-Dichloropropane      | 9.084  | 63    | 128782   | 18.47    | ug/l   | 96       |
| 40) Dibromomethane           | 9.174  | 93    | 86932    | 17.79    | ug/l   | 87       |
| 41) Bromodichloromethane     | 9.367  | 83    | 168784   | 16.99    | ug/l   | 99       |
| 42) Vinyl Acetate            | 5.840  | 43    | 1370369  | 86.53    | ug/l # | 94       |
| 43) Ethyl Acetate            | 6.878  | 43    | 112542   | 16.43    | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN121620\  
 Data File : VN065168.D  
 Acq On : 16 Dec 2020 11:37  
 Operator : JC/MD  
 Sample : VN1216WBSD01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1216WBSD01

Manual Integrations  
 APPROVED

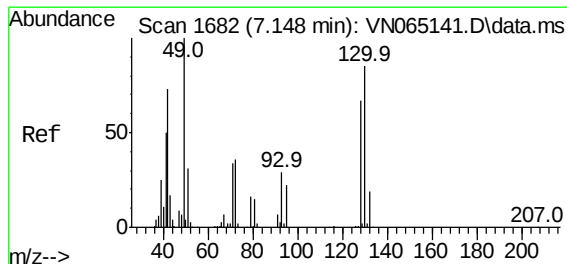
MMDadoda  
 12/22/2020 11:17:11 AM

Quant Time: Dec 21 13:57:04 2020  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N121520w.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue Dec 15 15:18:54 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| 44) Isopropyl Acetate         | 8.123  | 43   | 212786   | 18.57  | ug/l # | 91       |
| 45) 1,4-Dioxane               | 9.164  | 88   | 36791    | 353.31 | ug/l   | 93       |
| 46) Methyl methacrylate       | 9.164  | 41   | 97342    | 16.70  | ug/l   | 77       |
| 47) n-amy1 Acetate            | 12.042 | 43   | 163798   | 17.30  | ug/l   | 91       |
| 48) t-1,3-Dichloropropene     | 10.351 | 75   | 179522   | 18.50  | ug/l   | 100      |
| 49) cis-1,3-Dichloropropene   | 9.807  | 75   | 200876   | 18.22  | ug/l # | 85       |
| 50) 1,1,2-Trichloroethane     | 10.531 | 97   | 122152   | 19.26  | ug/l   | 97       |
| 51) Ethyl methacrylate        | 10.396 | 69   | 156446   | 18.42  | ug/l   | 79       |
| 52) 1,3-Dichloropropane       | 10.675 | 76   | 204676   | 19.46  | ug/l   | 99       |
| 53) Dibromochloromethane      | 10.872 | 129  | 134051   | 18.24  | ug/l   | 99       |
| 54) 1,2-Dibromoethane         | 10.974 | 107  | 125121   | 18.91  | ug/l   | 98       |
| 55) 2-Chloroethyl vinyl ether | 9.659  | 63   | 384205   | 89.33  | ug/l   | 97       |
| 56) Bromoform                 | 12.100 | 173  | 89613    | 17.93  | ug/l # | 93       |
| 58) 4-Methyl-2-Pentanone      | 9.949  | 43   | 627019   | 86.31  | ug/l # | 90       |
| 59) 2-Hexanone                | 10.720 | 43   | 437929   | 90.80  | ug/l # | 87       |
| 61) Tetrachloroethene         | 10.602 | 164  | 146247   | 20.17  | ug/l   | 91       |
| 62) Toluene                   | 10.122 | 91   | 537867   | 19.47  | ug/l   | 99       |
| 64) Chlorobenzene             | 11.402 | 112  | 334801   | 19.44  | ug/l   | 100      |
| 65) 1,1,1,2-Tetrachloroethane | 11.479 | 131  | 120978   | 18.52  | ug/l   | 97       |
| 66) Ethyl Benzene             | 11.483 | 91   | 557919   | 19.06  | ug/l   | 97       |
| 67) m/p-Xylenes               | 11.592 | 106  | 432842   | 37.96  | ug/l   | 93       |
| 68) o-Xylene                  | 11.920 | 106  | 206763   | 19.18  | ug/l   | 93       |
| 69) Styrene                   | 11.936 | 104  | 332660   | 18.55  | ug/l   | 95       |
| 70) Isopropylbenzene          | 12.222 | 105  | 534917   | 19.00  | ug/l   | 95       |
| 71) 1,1,2,2-Tetrachloroethane | 12.476 | 83   | 157090   | 19.25  | ug/l   | 99       |
| 72) 1,2,3-Trichloropropane    | 12.524 | 75   | 138714m  | 17.75  | ug/l   |          |
| 73) Bromobenzene              | 12.499 | 156  | 140888   | 19.27  | ug/l   | 80       |
| 74) n-propylbenzene           | 12.563 | 91   | 613933   | 19.11  | ug/l   | 96       |
| 75) 2-Chlorotoluene           | 12.646 | 91   | 370296   | 18.94  | ug/l   | 93       |
| 76) 1,3,5-Trimethylbenzene    | 12.704 | 105  | 456965   | 18.81  | ug/l   | 92       |
| 77) t-1,4-Dichloro-2-butene   | 12.273 | 75   | 48159    | 17.44  | ug/l   | 94       |
| 78) 4-Chlorotoluene           | 12.746 | 91   | 371143   | 18.60  | ug/l   | 93       |
| 79) tert-butylbenzene         | 12.965 | 119  | 381789   | 18.72  | ug/l   | 88       |
| 80) 1,2,4-Trimethylbenzene    | 13.013 | 105  | 459998   | 19.09  | ug/l   | 98       |
| 81) sec-Butylbenzene          | 13.145 | 105  | 491029   | 18.55  | ug/l   | 97       |
| 82) p-Isopropyltoluene        | 13.261 | 119  | 455225   | 18.30  | ug/l   | 96       |
| 83) 1,3-Dichlorobenzene       | 13.254 | 146  | 231801   | 17.80  | ug/l   | 97       |
| 84) 1,4-Dichlorobenzene       | 13.335 | 146  | 226272   | 16.59  | ug/l   | 95       |
| 85) n-Butylbenzene            | 13.589 | 91   | 358763   | 16.35  | ug/l   | 97       |
| 86) Hexachloroethane          | 13.846 | 117  | 76570    | 16.02  | ug/l   | 83       |
| 87) 1,2-Dichlorobenzene       | 13.627 | 146  | 226826   | 16.78  | ug/l   | 97       |
| 88) 1,2-Dibromo-3-Chloropr... | 14.241 | 75   | 24670    | 15.50  | ug/l # | 76       |
| 89) 1,2,4-Trichlorobenzene    | 14.881 | 180  | 91596    | 15.05  | ug/l   | 97       |
| 90) Hexachlorobutadiene       | 14.981 | 225  | 64652    | 16.83  | ug/l   | 97       |
| 91) Naphthalene               | 15.103 | 128  | 248142   | 14.45  | ug/l   | 99       |
| 92) 1,2,3-Trichlorobenzene    | 15.283 | 180  | 92083    | 16.06  | ug/l   | 98       |
| -----                         |        |      |          |        |        |          |

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



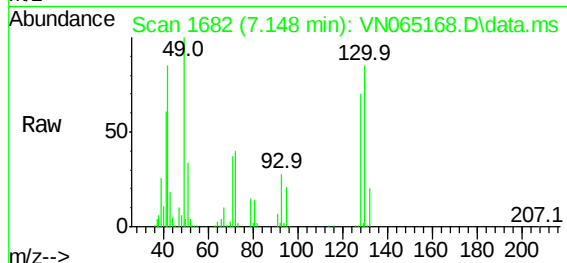


Bromochloromethane  
Concen: 30.00 ug/l  
RT: 7.148 min Scan# 1682  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

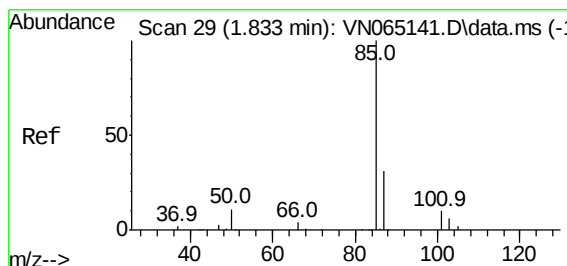
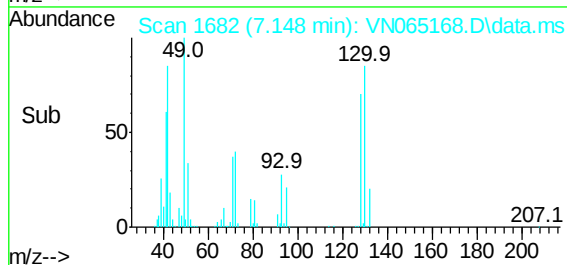
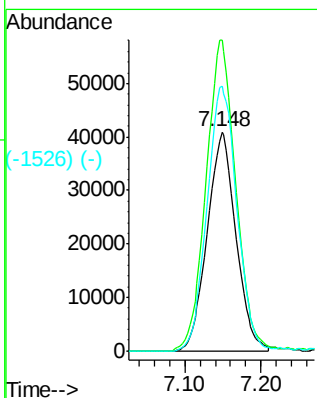
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01

Manual Integrations  
APPROVED

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12/22/2020 11:17:11 AM

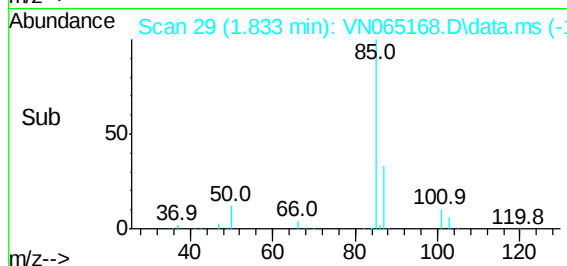
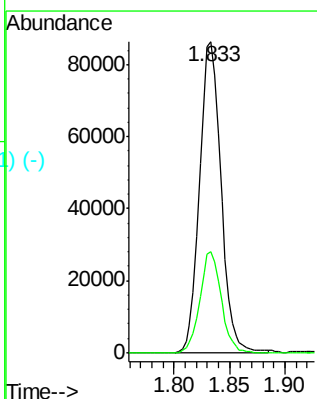
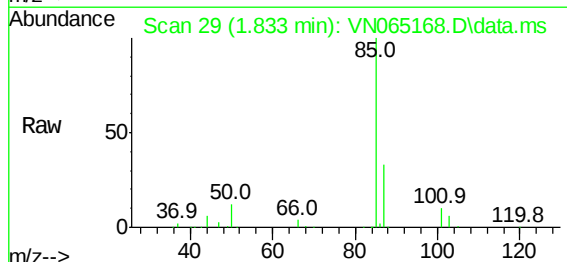


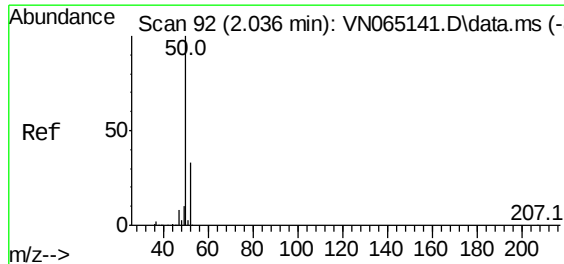
Tgt Ion:128 Resp: 106934  
Ion Ratio Lower Upper  
128 100  
49 146.9 0.0 475.5  
130 126.2 0.0 315.3



Dichlorodifluoromethane  
Concen: 19.07 ug/l  
RT: 1.833 min Scan# 29  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

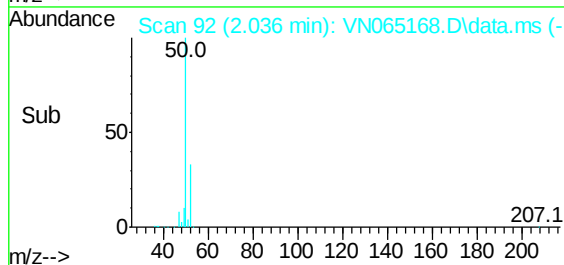
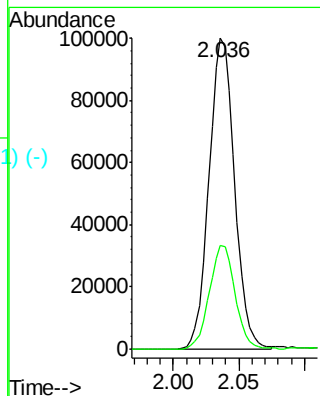
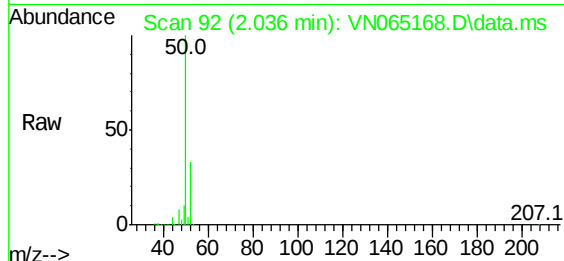
Tgt Ion: 85 Resp: 115620  
Ion Ratio Lower Upper  
85 100  
87 32.6 17.0 50.9





Chloromethane  
Concen: 19.30 ug/l  
RT: 2.036 min Scan# 92  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

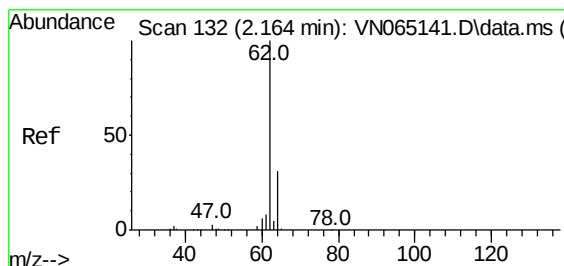
Tgt Ion: 50 Resp: 134781  
Ion Ratio Lower Upper  
50 100  
52 33.1 26.0 39.0



Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01

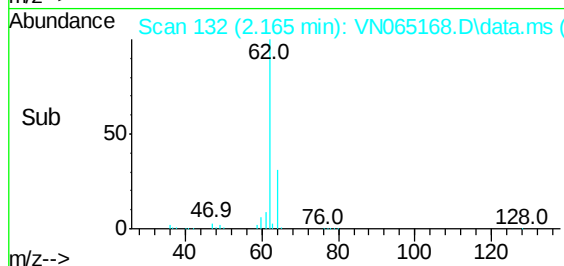
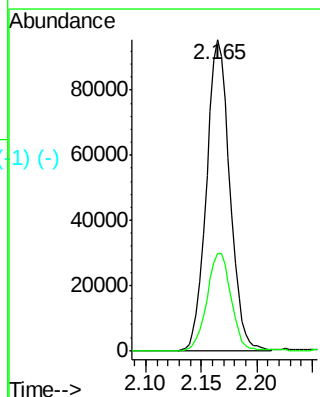
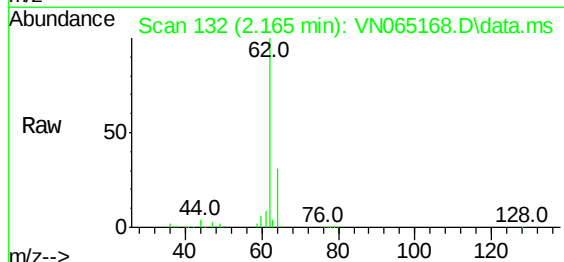
Manual Integrations  
APPROVED

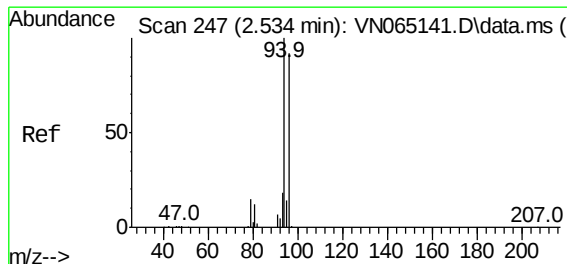
MMDadoda  
12/22/2020 11:17:11 AM



Vinyl Chloride  
Concen: 18.07 ug/l  
RT: 2.165 min Scan# 132  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

Tgt Ion: 62 Resp: 139021  
Ion Ratio Lower Upper  
62 100  
64 31.4 25.8 38.8





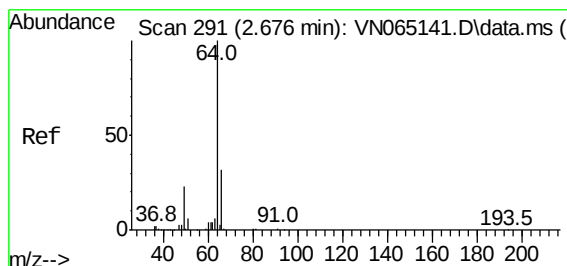
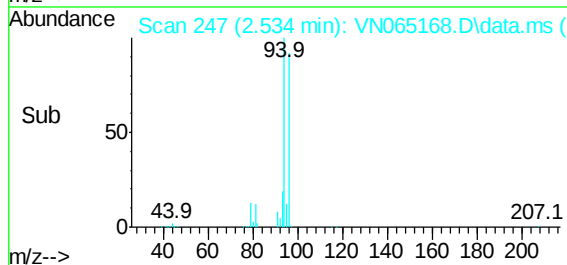
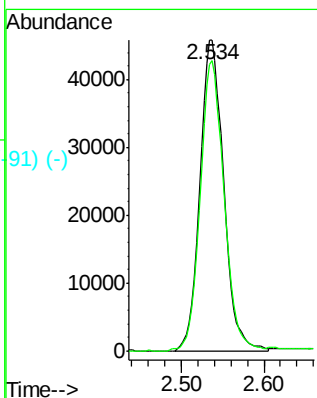
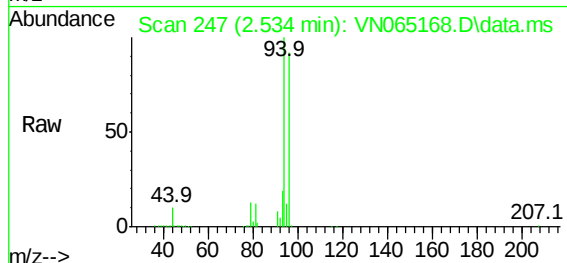
Bromomethane  
Concen: 16.82 ug/l  
RT: 2.534 min Scan# 247  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

Tgt Ion: 94 Resp: 90829  
Ion Ratio Lower Upper  
94 100  
96 91.7 79.3 118.9

Instrument :  
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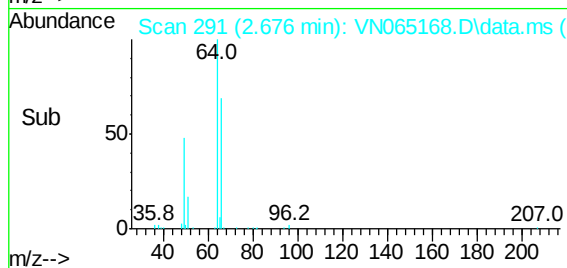
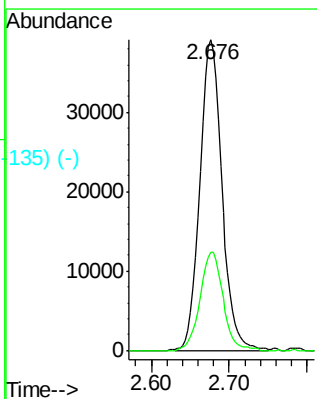
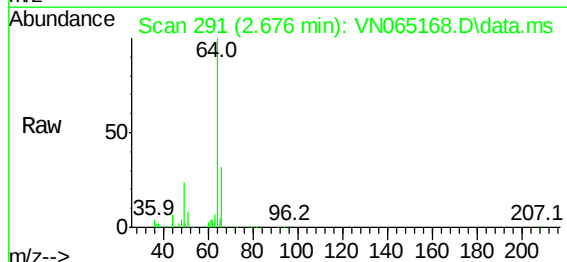
Manual Integrations  
APPROVED

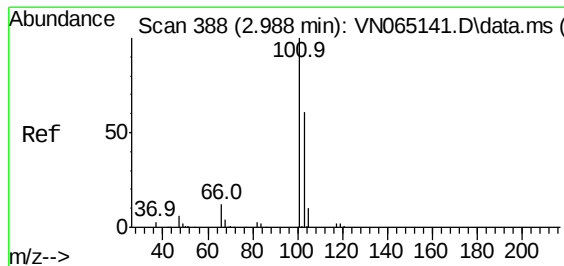
MMDadoda  
12/22/2020 11:17:11 AM



Chloroethane  
Concen: 16.80 ug/l  
RT: 2.676 min Scan# 291  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

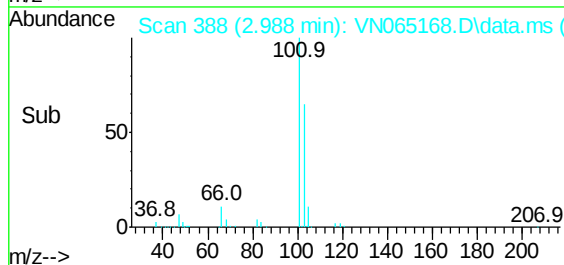
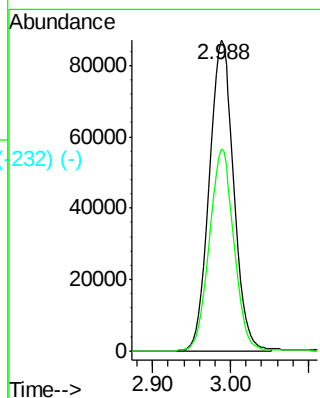
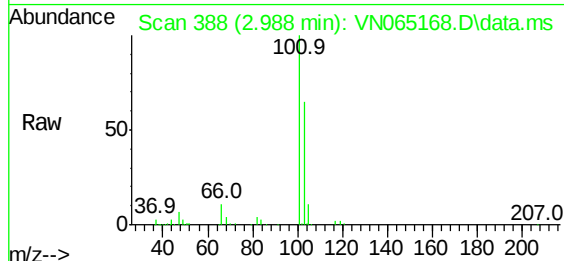
Tgt Ion: 64 Resp: 77039  
Ion Ratio Lower Upper  
64 100  
66 31.7 26.0 39.0





Trichlorofluoromethane  
 Concen: 16.87 ug/l  
 RT: 2.988 min Scan# 388  
 Delta R.T. 0.000 min  
 Lab File: VN065168.D  
 Acq: 16 Dec 2020 11:37

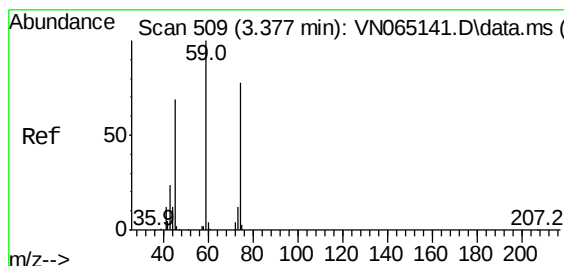
Tgt Ion: 101 Resp: 191991  
 Ion Ratio Lower Upper  
 101 100  
 103 64.8 49.3 73.9



Instrument :  
 MSVOA\_N  
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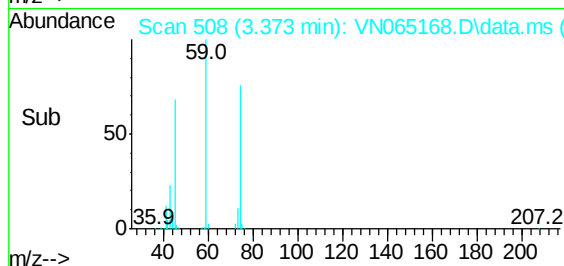
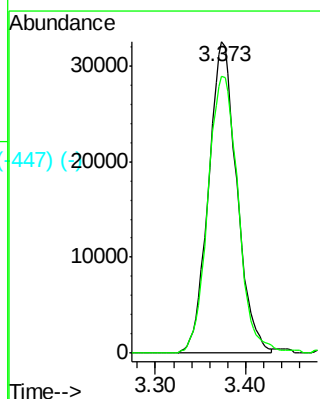
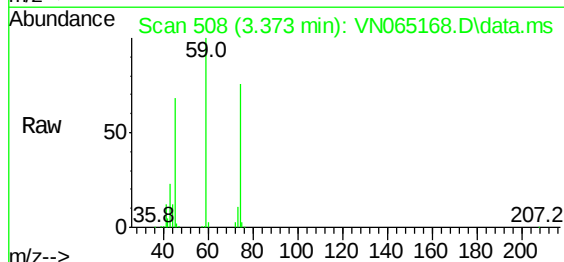
Manual Integrations  
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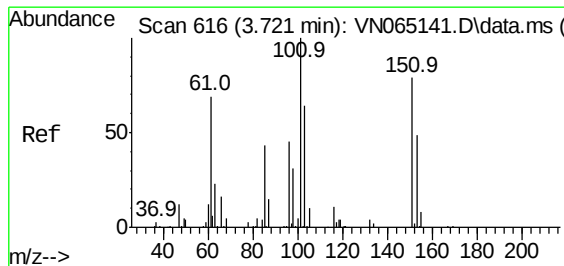
MMDadoda  
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Diethyl Ether  
 Concen: 19.34 ug/l  
 RT: 3.373 min Scan# 508  
 Delta R.T. -0.003 min  
 Lab File: VN065168.D  
 Acq: 16 Dec 2020 11:37

Tgt Ion: 74 Resp: 70330  
 Ion Ratio Lower Upper  
 74 100  
 45 95.1 22.1 198.5





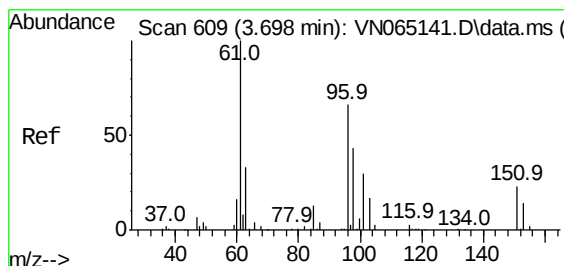
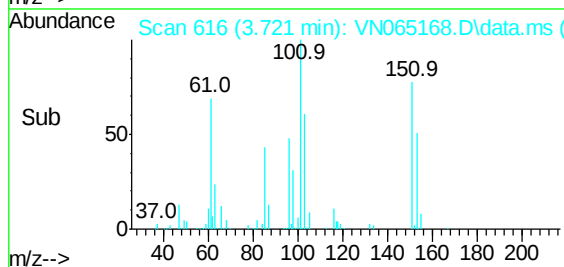
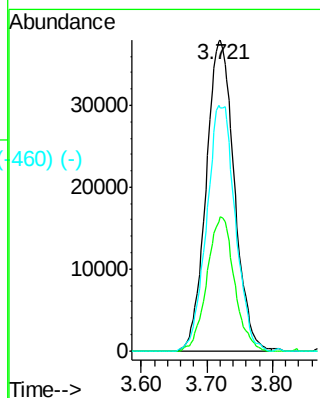
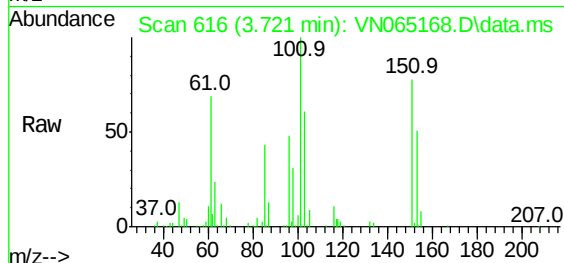
1,1,2-Trichlorotrifluoroethane  
Concen: 19.17 ug/l  
RT: 3.721 min Scan# 616  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

Tgt Ion: 101 Resp: 112614  
Ion Ratio Lower Upper  
101 100  
85 42.0 0.0 49.0  
151 41.0 0.0 80.2

Instrument :  
MSVOA\_N  
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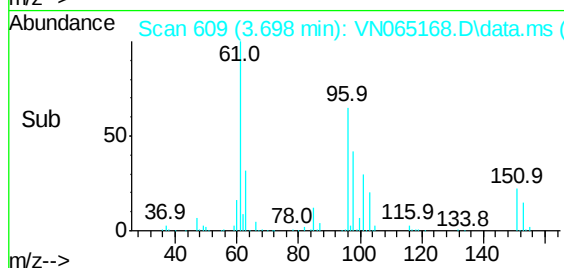
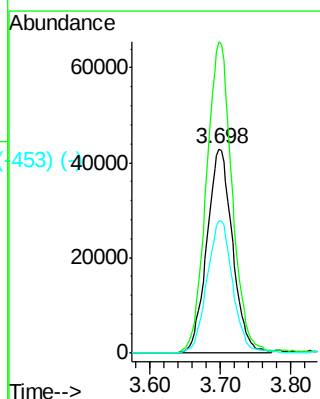
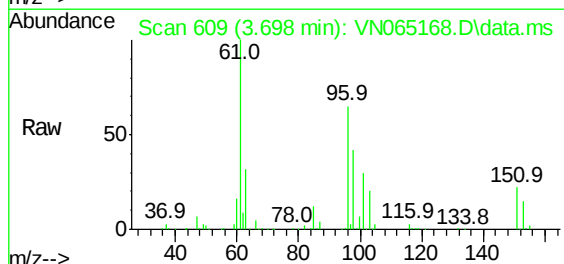
Manual Integrations  
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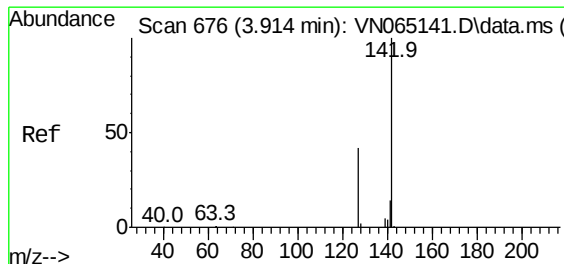
MMDadoda  
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1,1-Dichloroethene  
Concen: 18.84 ug/l  
RT: 3.698 min Scan# 609  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

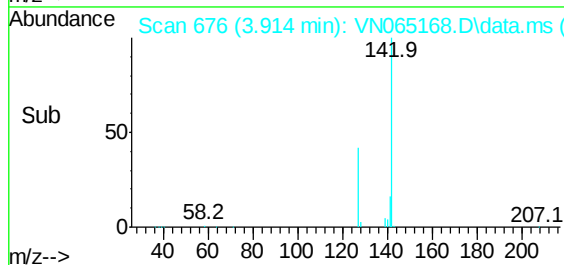
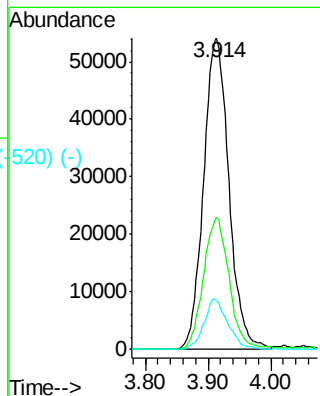
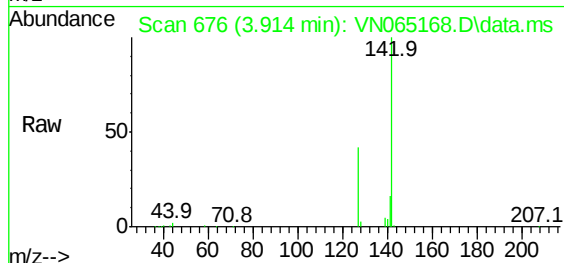
Tgt Ion: 96 Resp: 107400  
Ion Ratio Lower Upper  
96 100  
61 152.9 149.2 223.8  
98 64.7 49.6 74.4





#11 (-)  
Methyl Iodide  
Concen: 18.98 ug/l  
RT: 3.914 min Scan# 676  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

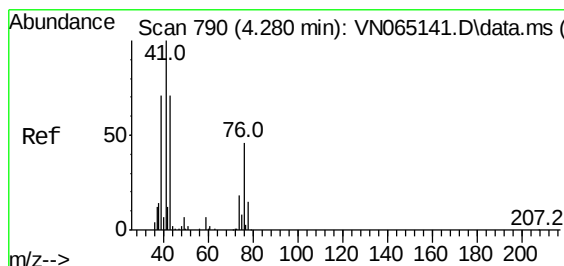
Tgt Ion: 142 Resp: 150368  
Ion Ratio Lower Upper  
142 100  
127 42.4 24.7 74.1  
141 15.8 7.8 23.3



Instrument :  
MSVOA\_N  
ClientSampleId :  
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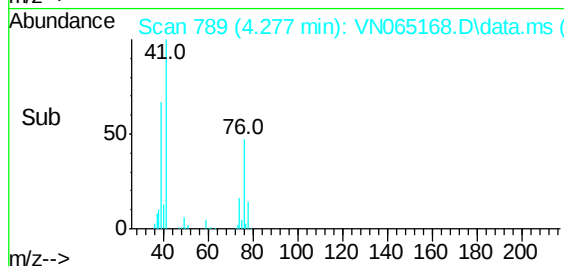
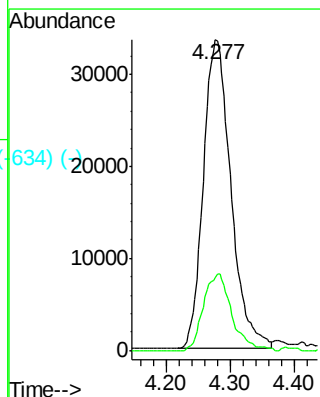
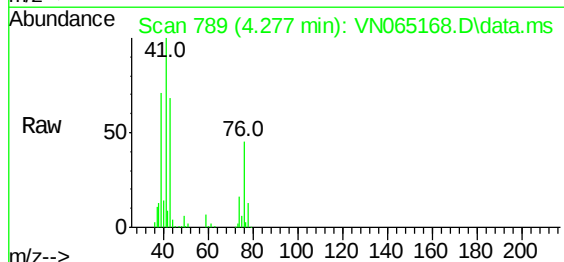
Manual Integrations  
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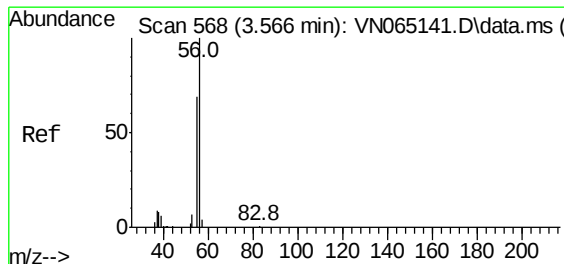
MMDadoda  
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#12 (-)  
Methyl Acetate  
Concen: 19.27 ug/l  
RT: 4.277 min Scan# 789  
Delta R.T. -0.003 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

Tgt Ion: 43 Resp: 99946  
Ion Ratio Lower Upper  
43 100  
74 23.3 17.7 26.5





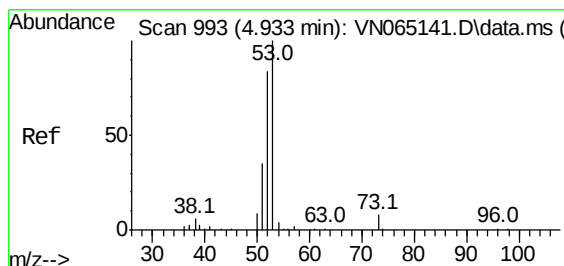
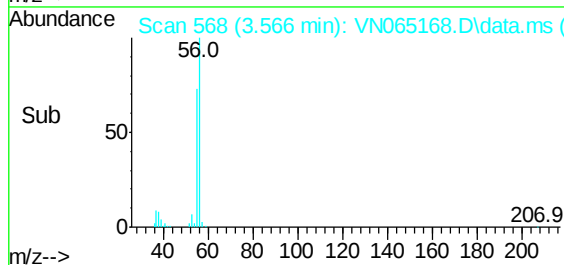
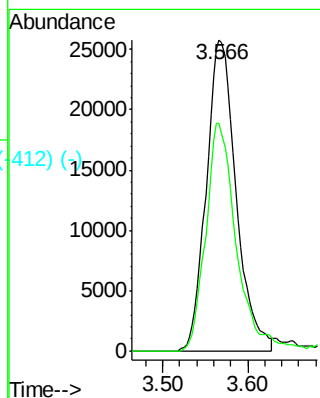
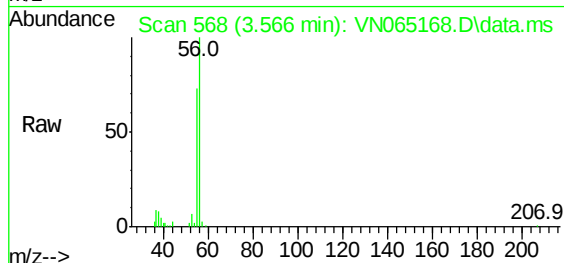
Acrolein  
Concen: 85.31 ug/l  
RT: 3.566 min Scan# 568  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

Tgt Ion: 56 Resp: 62588  
Ion Ratio Lower Upper  
56 100  
55 72.3 58.2 87.2

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01

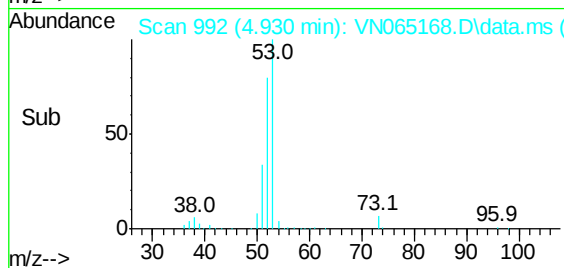
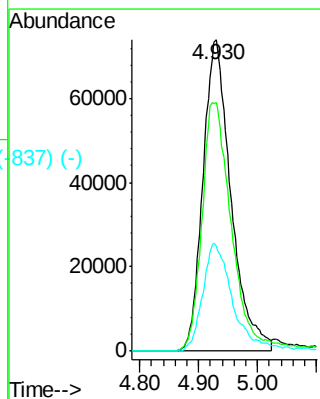
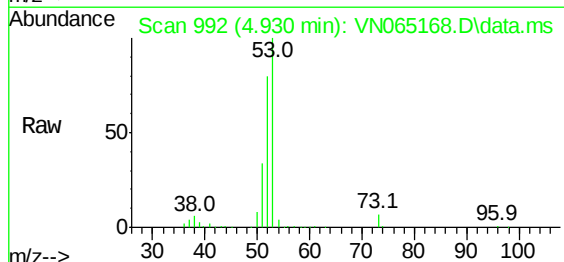
Manual Integrations  
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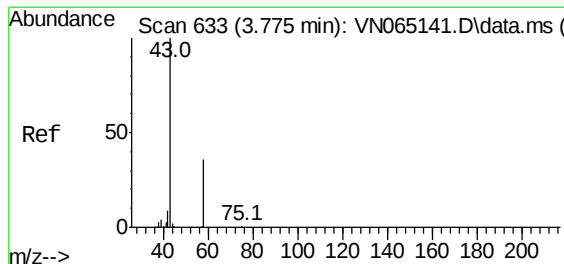
MMDadoda  
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Acrylonitrile  
Concen: 95.72 ug/l  
RT: 4.930 min Scan# 992  
Delta R.T. -0.003 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

Tgt Ion: 53 Resp: 243326  
Ion Ratio Lower Upper  
53 100  
52 36.7 41.3 124.1#  
51 34.6 18.9 56.5





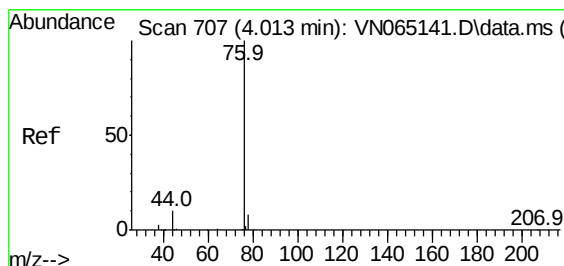
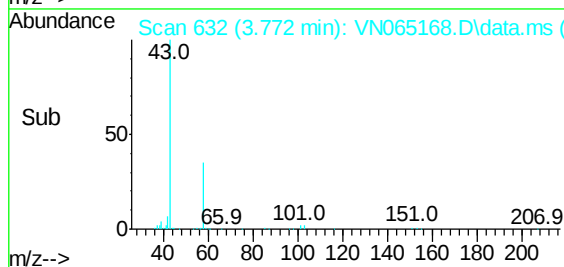
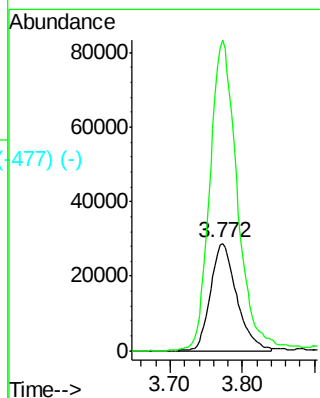
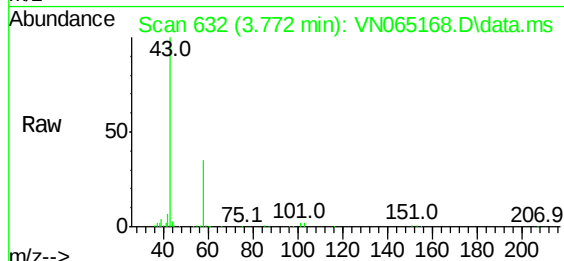
Acetone  
Concen: 90.95 ug/l  
RT: 3.772 min Scan# 632  
Delta R.T. -0.003 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01

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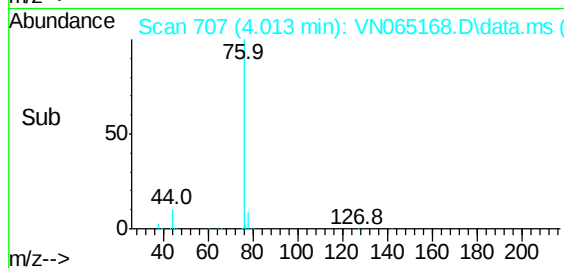
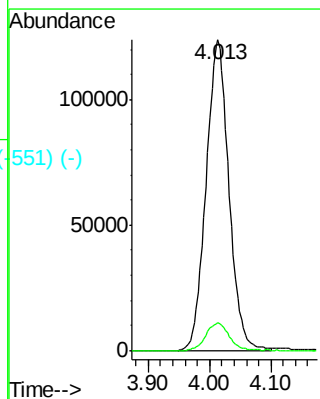
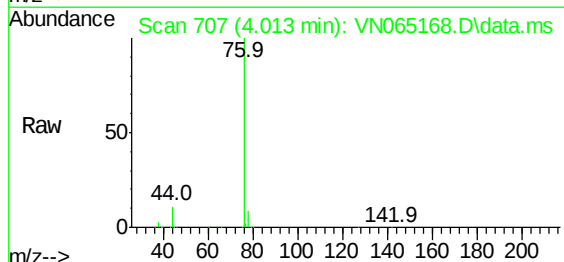
MMDadoda  
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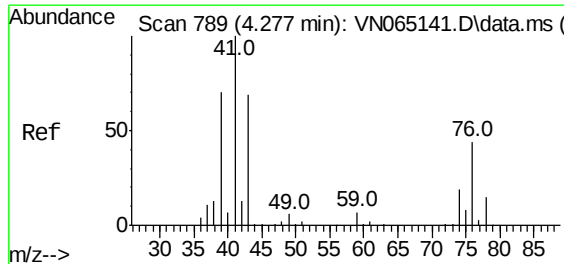
Tgt Ion: 58 Resp: 72587  
Ion Ratio Lower Upper  
58 100  
43 287.5 289.8 434.8#



Carbon Disulfide  
Concen: 19.03 ug/l  
RT: 4.013 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

Tgt Ion: 76 Resp: 319120  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.6 11.4





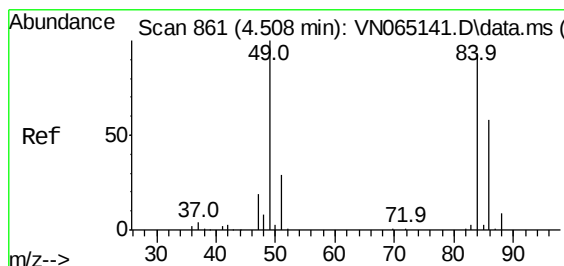
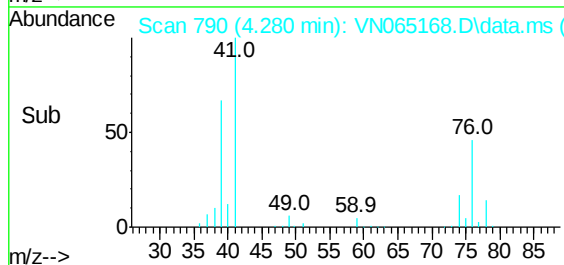
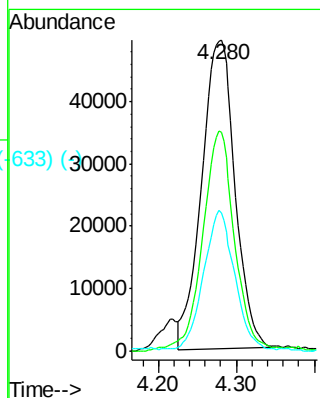
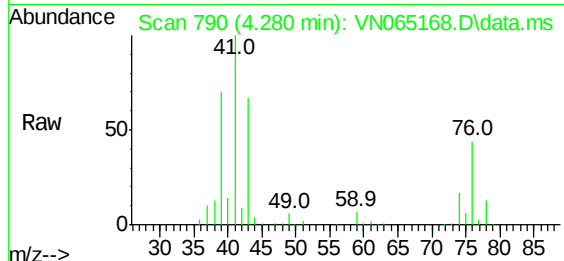
Allyl chloride  
Concen: 17.95 ug/l  
RT: 4.280 min Scan# 790  
Delta R.T. 0.003 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01

Tgt Ion: 41 Resp: 148218  
Ion Ratio Lower Upper  
41 100  
39 70.4 40.3 120.8  
76 44.3 16.8 50.3

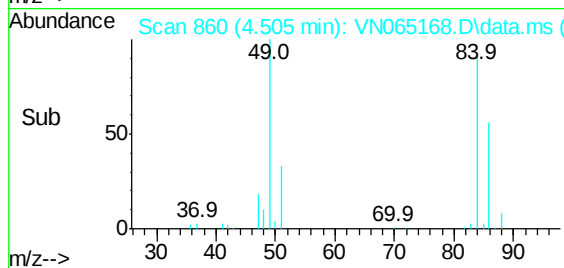
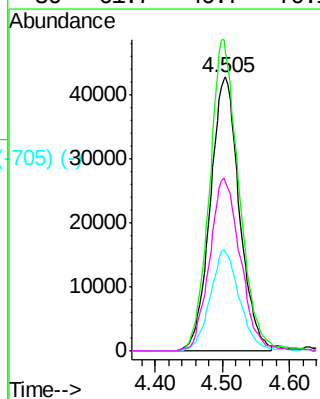
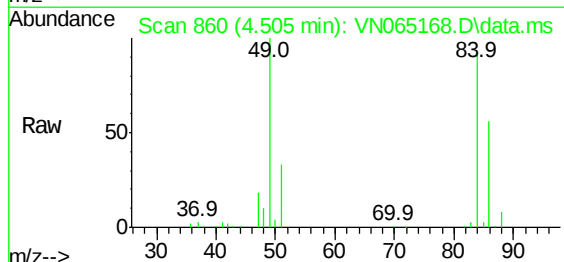
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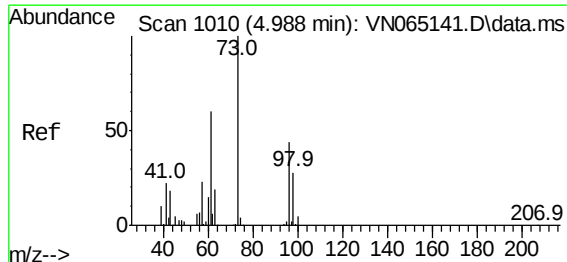
MMDadoda  
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Methylene Chloride  
Concen: 19.15 ug/l  
RT: 4.505 min Scan# 860  
Delta R.T. -0.003 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

Tgt Ion: 84 Resp: 128374  
Ion Ratio Lower Upper  
84 100  
49 109.0 102.1 153.1  
51 35.9 32.6 48.8  
86 61.7 46.7 70.1



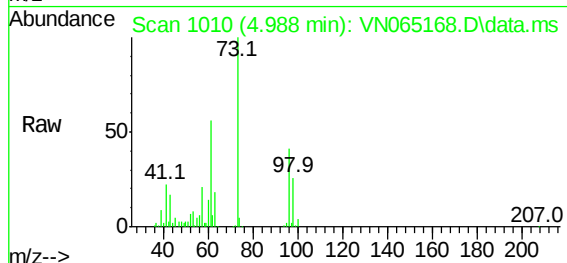


(-989) (-)  
trans-1,2-Dichloroethene  
Concen: 18.83 ug/l  
RT: 4.988 min Scan# 1010  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

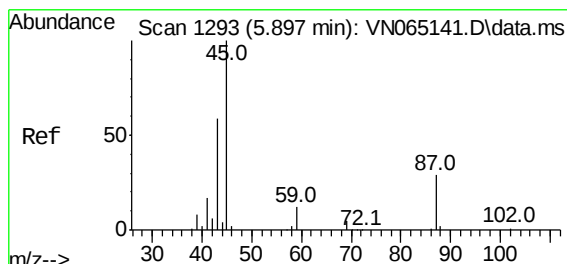
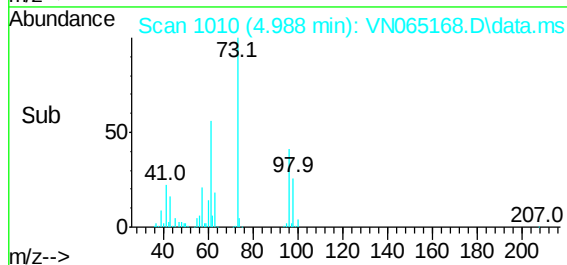
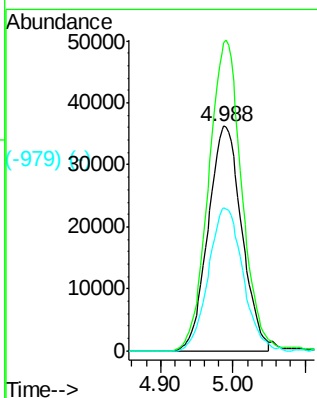
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01

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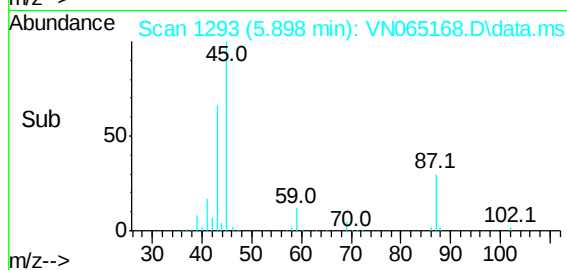
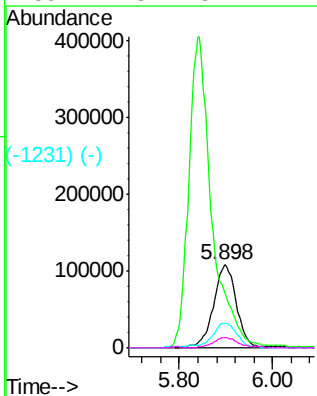
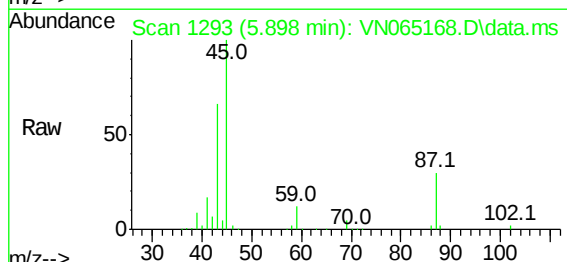


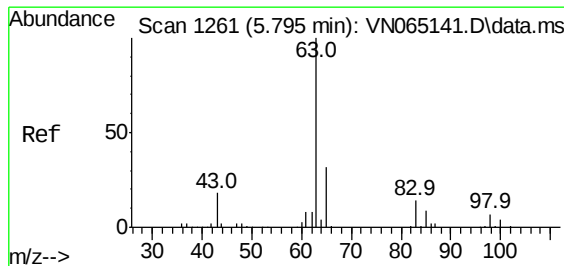
Tgt Ion: 96 Resp: 116585  
Ion Ratio Lower Upper  
96 100  
61 136.6 120.1 180.1  
98 63.6 49.1 73.7



(-1201) (-)  
Diisopropyl ether  
Concen: 17.83 ug/l  
RT: 5.898 min Scan# 1293  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

Tgt Ion: 45 Resp: 363054  
Ion Ratio Lower Upper  
45 100  
43 63.6 53.1 79.7  
87 29.4 21.0 31.6  
59 11.8 8.2 12.4





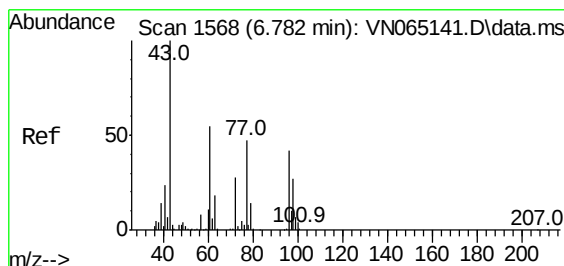
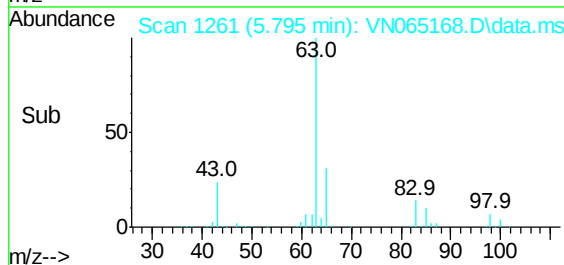
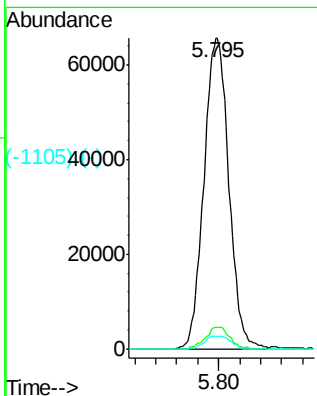
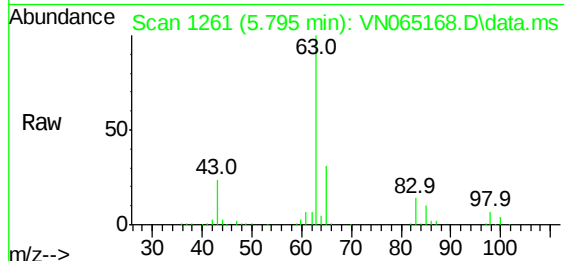
#219 (-)  
1,1-Dichloroethane  
Concen: 17.55 ug/l  
RT: 5.795 min Scan# 1261  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

Tgt Ion: 63 Resp: 215601  
Ion Ratio Lower Upper  
63 100  
98 7.0 2.6 8.0  
100 3.9 1.7 5.1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01

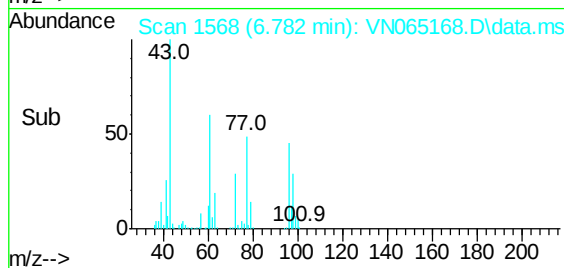
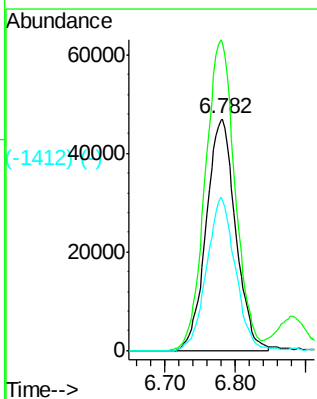
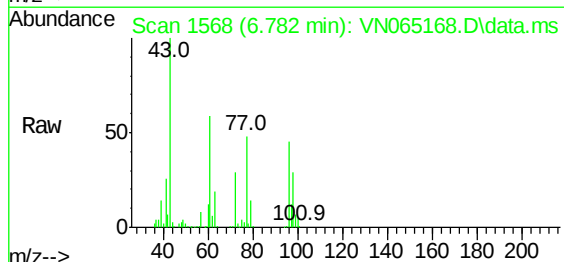
Manual Integrations  
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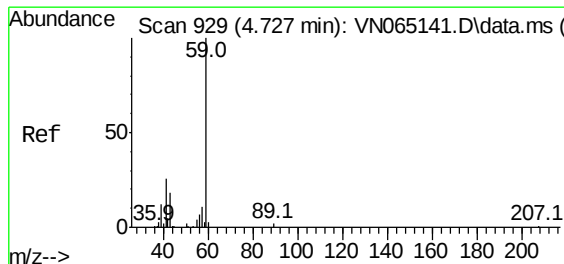
MMDadoda  
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#227 (-)  
cis-1,2-Dichloroethene  
Concen: 19.42 ug/l  
RT: 6.782 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

Tgt Ion: 96 Resp: 135553  
Ion Ratio Lower Upper  
96 100  
61 136.4 136.1 204.1  
98 64.3 51.8 77.8





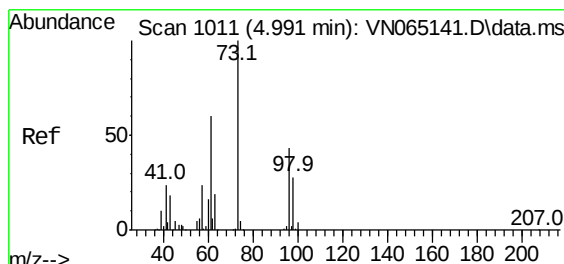
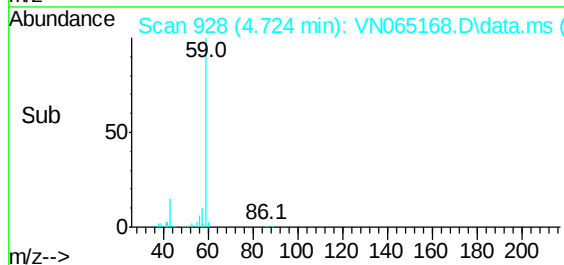
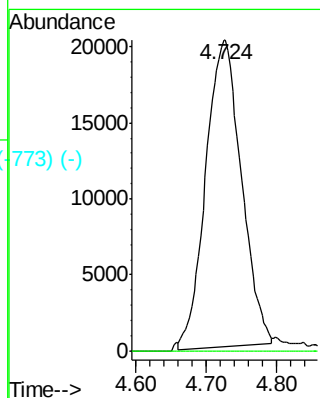
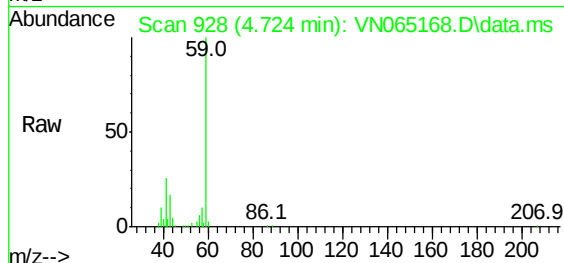
tert-Butyl Alcohol  
Concen: 86.65 ug/l  
RT: 4.724 min Scan# 928  
Delta R.T. -0.003 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

Tgt Ion: 59 Resp: 71218  
Ion Ratio Lower Upper  
59 100  
52 0.0 0.0 0.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01

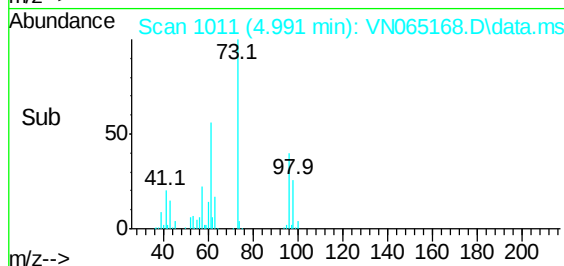
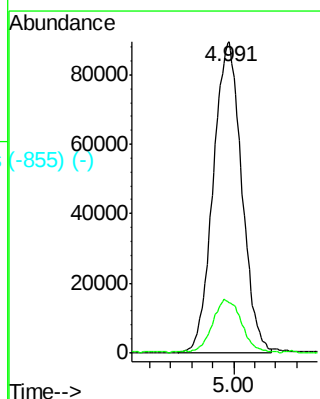
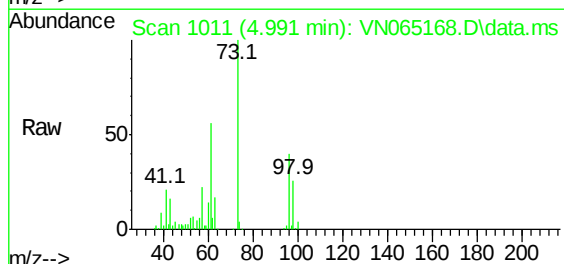
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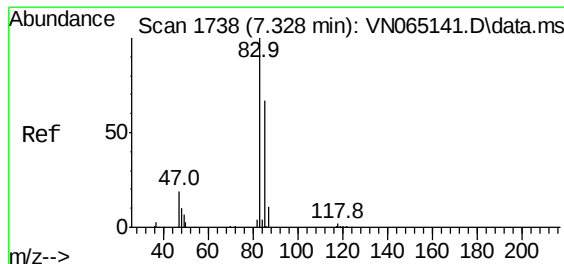
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Methyl tert-Butyl Ether  
Concen: 19.53 ug/l  
RT: 4.991 min Scan# 1011  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

Tgt Ion: 73 Resp: 337123  
Ion Ratio Lower Upper  
73 100  
43 17.4 10.2 15.2#



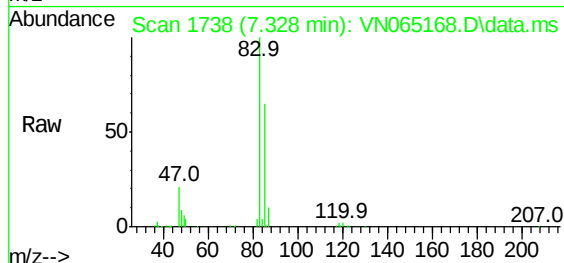


#25 (-)  
Chloroform  
Concen: 18.88 ug/l  
RT: 7.328 min Scan# 1738  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

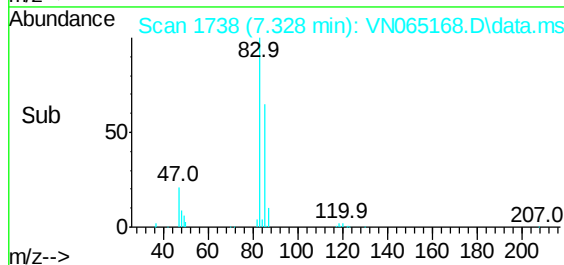
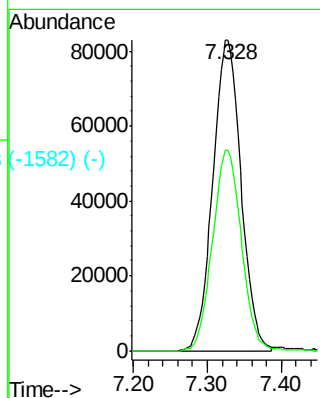
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01

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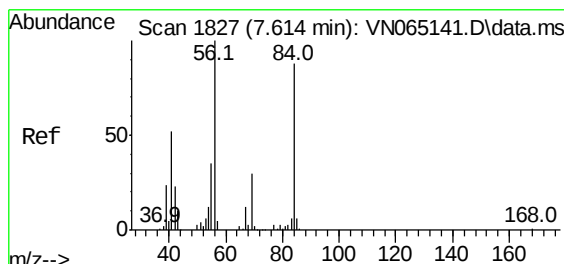
MMDadoda  
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Tgt Ion: 83 Resp: 219171  
Ion Ratio Lower Upper  
83 100  
85 64.8 50.6 75.8

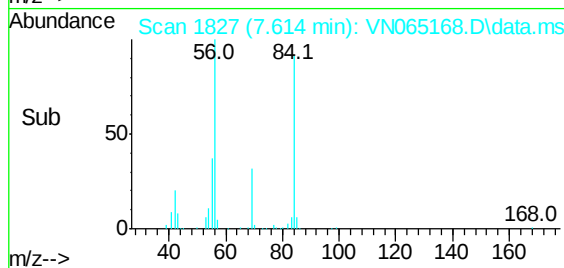
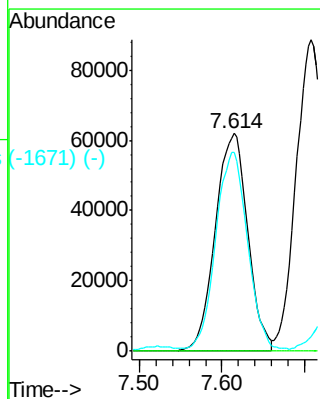
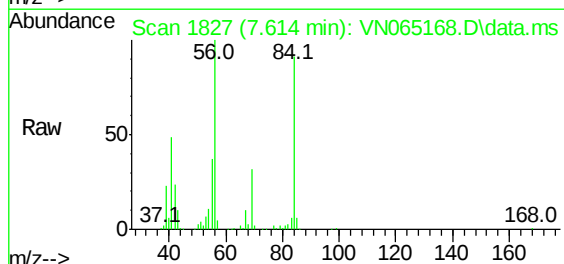


(-1582) (-)

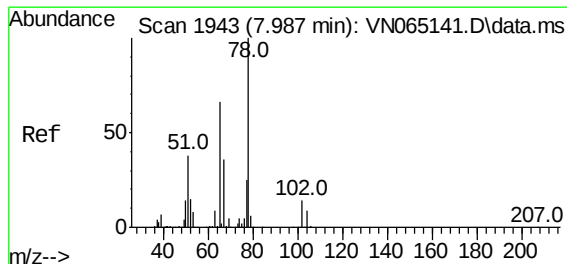


#26 (-)  
Cyclohexane  
Concen: 18.74 ug/l  
RT: 7.614 min Scan# 1827  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

Tgt Ion: 56 Resp: 168229  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.6 0.8#  
84 90.2 66.1 99.1



(-1671) (-)

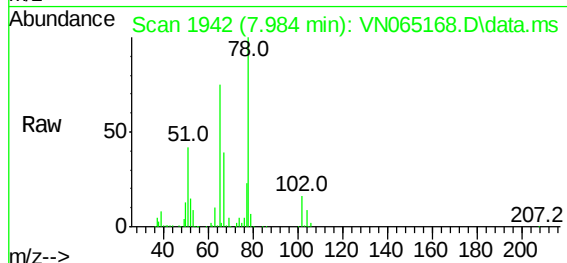


1,2-Dichloroethane-d4  
Concen: 28.84 ug/l  
RT: 7.984 min Scan# 1942  
Delta R.T. -0.003 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

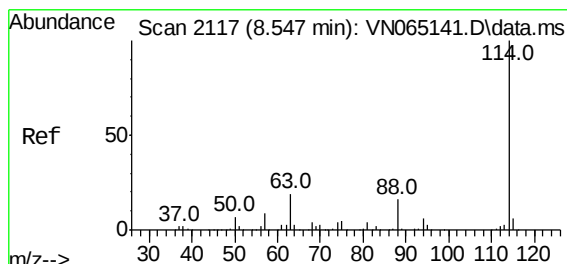
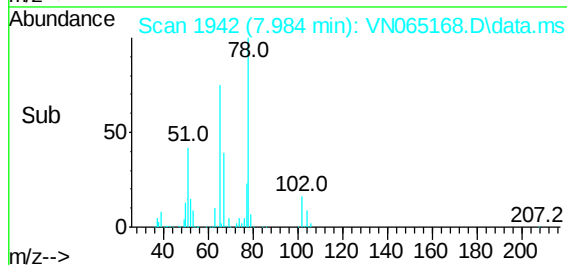
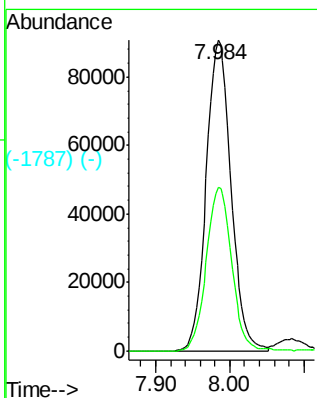
Instrument :  
MSVOA\_N  
ClientSampleId :  
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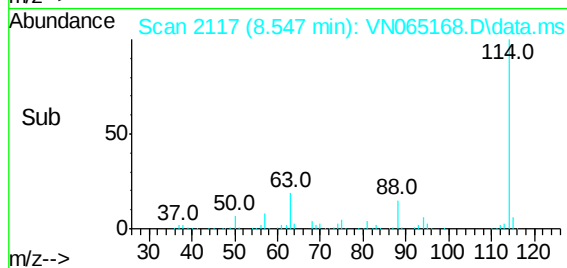
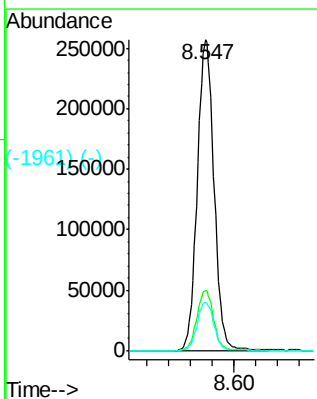
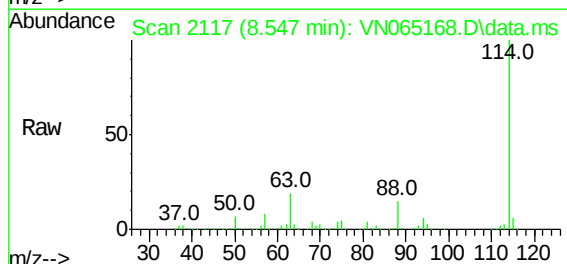


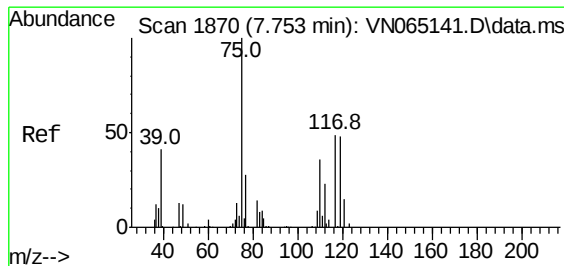
Tgt Ion: 65 Resp: 211119  
Ion Ratio Lower Upper  
65 100  
67 53.7 41.1 61.7



1,4-Difluorobenzene  
Concen: 30.00 ug/l  
RT: 8.547 min Scan# 2117  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

Tgt Ion: 114 Resp: 545638  
Ion Ratio Lower Upper  
114 100  
63 19.2 18.5 27.7  
88 15.7 13.0 19.6





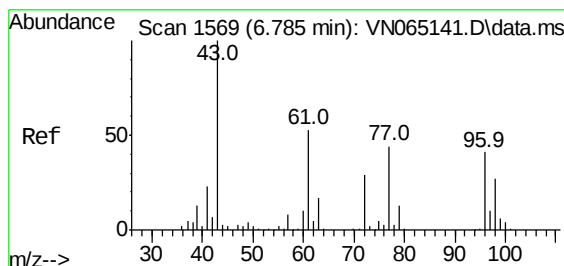
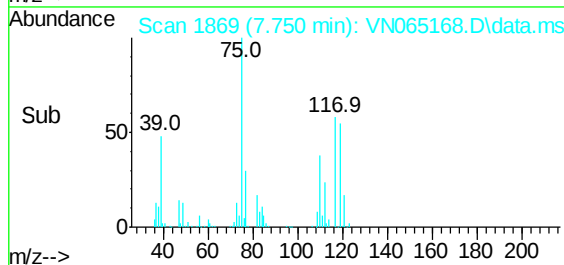
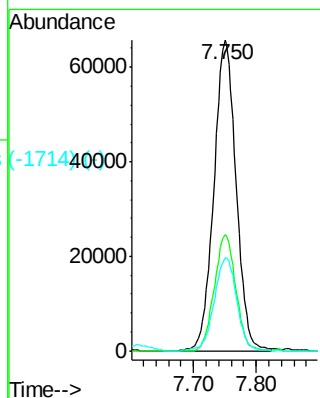
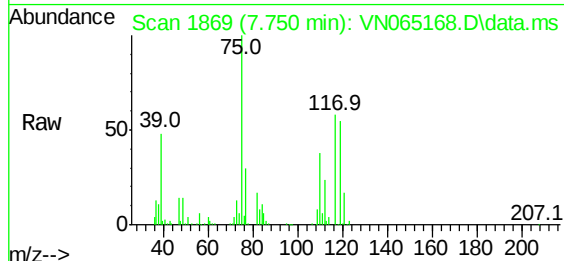
1,1-Dichloropropene  
Concen: 18.67 ug/l  
RT: 7.750 min Scan# 1869  
Delta R.T. -0.003 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

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Tgt Ion: 75 Resp: 160287  
Ion Ratio Lower Upper  
75 100  
110 36.1 0.0 66.4  
77 29.9 0.0 62.0

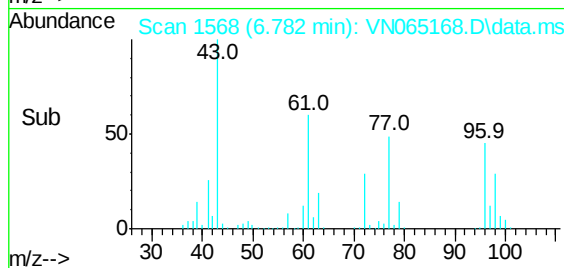
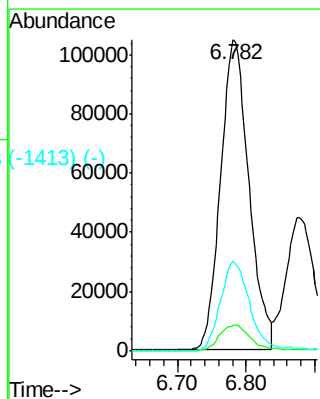
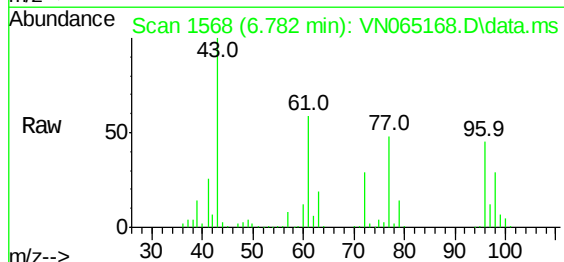
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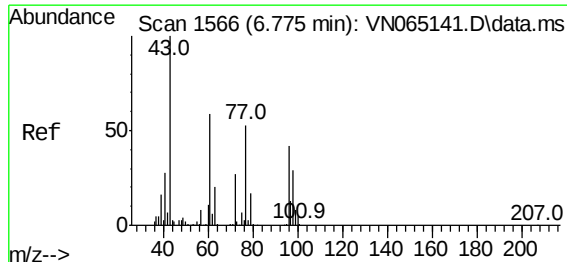
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2-Butanone  
Concen: 90.27 ug/l  
RT: 6.782 min Scan# 1568  
Delta R.T. -0.003 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

Tgt Ion: 43 Resp: 299895  
Ion Ratio Lower Upper  
43 100  
57 8.8 6.2 9.4  
72 29.1 9.9 14.9#



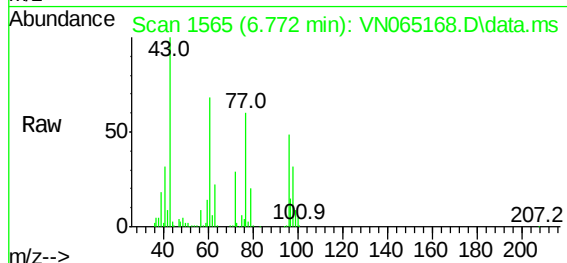


#13 (-)  
2,2-Dichloropropane  
Concen: 18.55 ug/l  
RT: 6.772 min Scan# 1565  
Delta R.T. -0.003 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

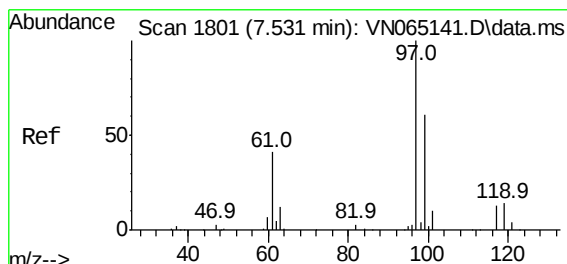
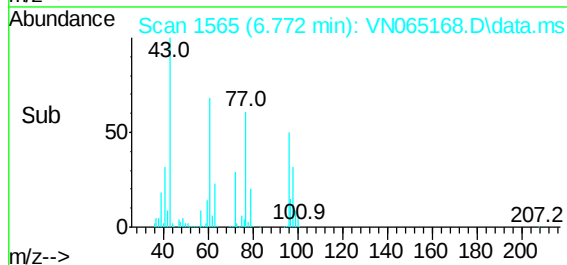
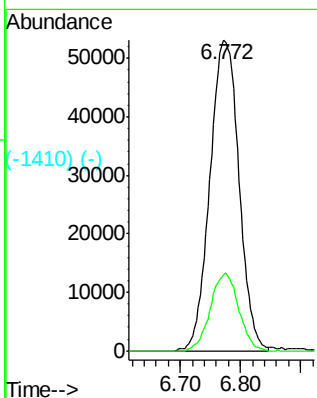
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01

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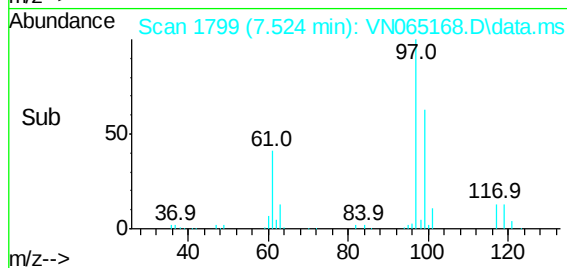
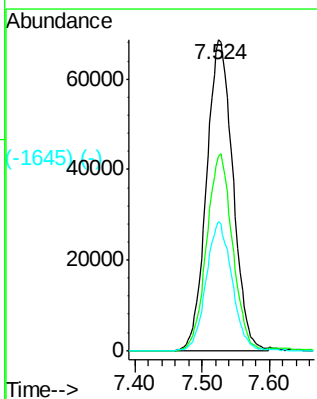
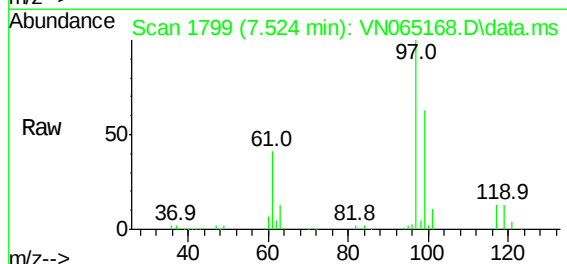


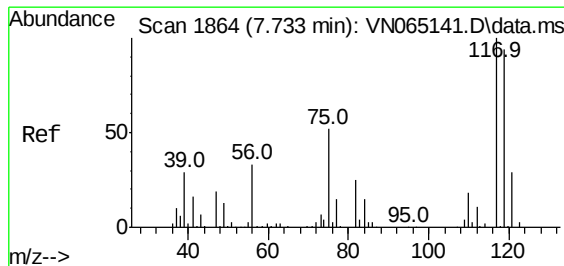
Tgt Ion: 77 Resp: 176356  
Ion Ratio Lower Upper  
77 100  
97 24.2 16.9 25.3



#14 (-)  
1,1,1-Trichloroethane  
Concen: 18.35 ug/l  
RT: 7.524 min Scan# 1799  
Delta R.T. -0.006 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

Tgt Ion: 97 Resp: 187316  
Ion Ratio Lower Upper  
97 100  
99 62.1 51.8 77.8  
61 40.4 39.4 59.0





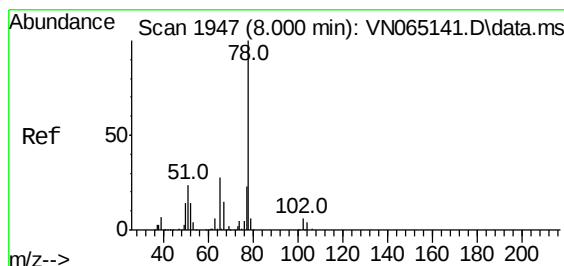
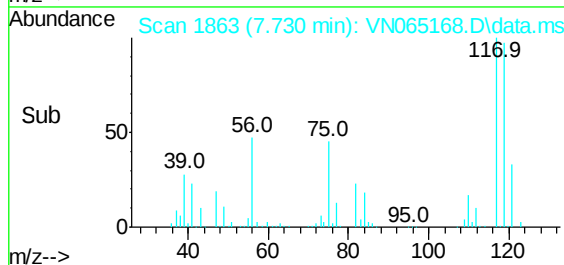
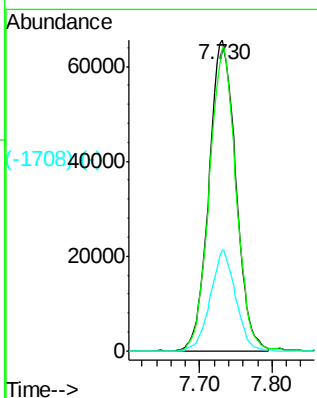
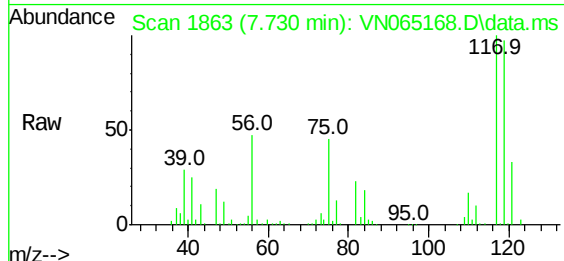
#184 (-)  
Carbon Tetrachloride  
Concen: 18.32 ug/l  
RT: 7.730 min Scan# 1863  
Delta R.T. -0.003 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01

Tgt Ion:117 Resp: 168966  
Ion Ratio Lower Upper  
117 100  
119 96.9 77.9 116.9  
121 32.5 24.0 36.0

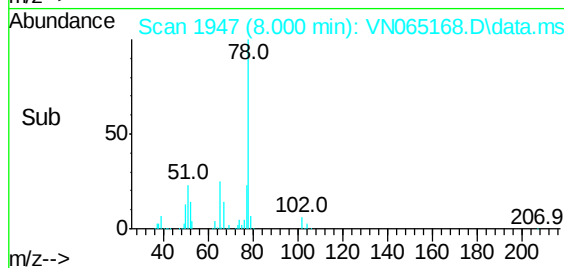
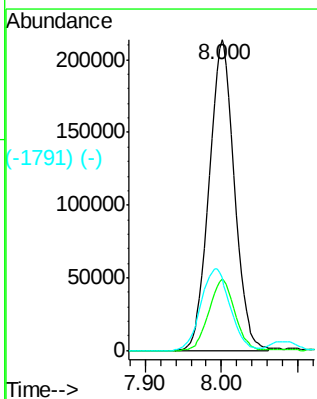
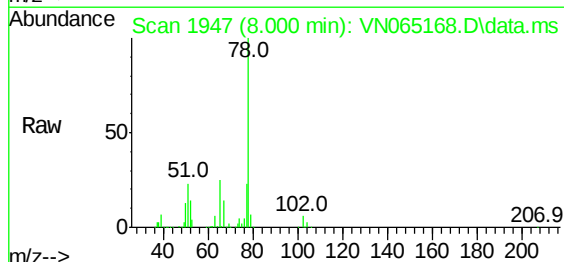
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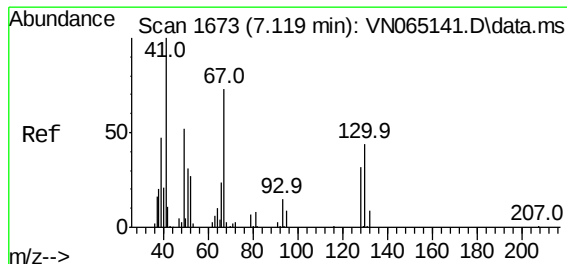
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#194 (-)  
Benzene  
Concen: 18.98 ug/l  
RT: 8.000 min Scan# 1947  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

Tgt Ion: 78 Resp: 492815  
Ion Ratio Lower Upper  
78 100  
77 22.9 18.9 28.3  
51 23.1 24.6 36.8#



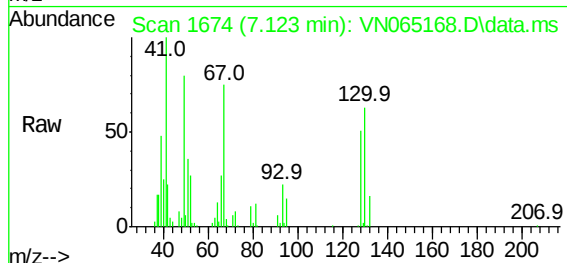


#165 (-)  
Methacrylonitrile  
Concen: 17.91 ug/l  
RT: 7.123 min Scan# 1674  
Delta R.T. 0.003 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

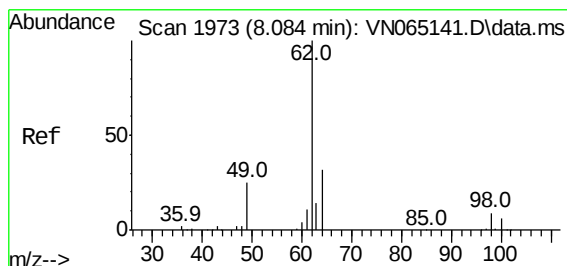
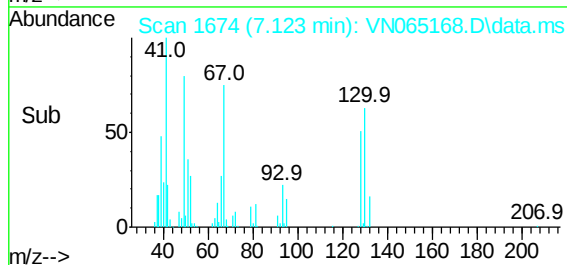
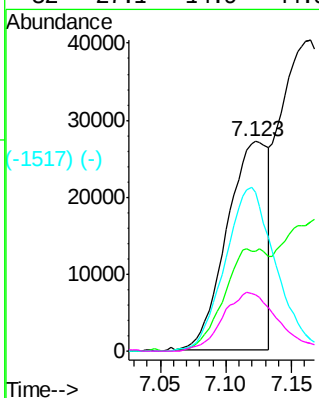
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01

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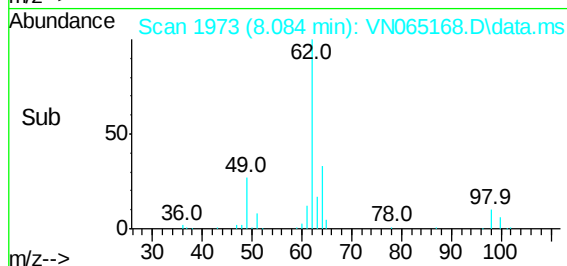
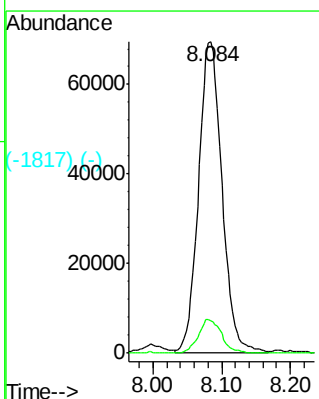
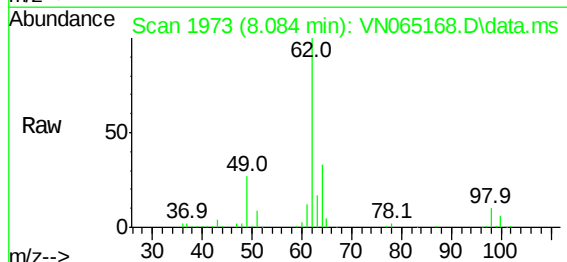


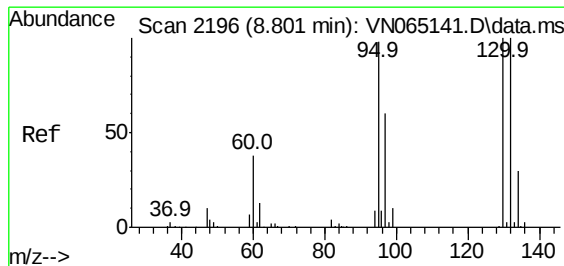
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 58236 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 47.5  | 30.0  | 90.1  |
| 67       | 75.5  | 29.2  | 87.6  |
| 52       | 27.1  | 14.9  | 44.9  |



#166 (-)  
1,2-Dichloroethane  
Concen: 18.46 ug/l  
RT: 8.084 min Scan# 1973  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 164188 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.1  | 5.5   | 8.3#   |





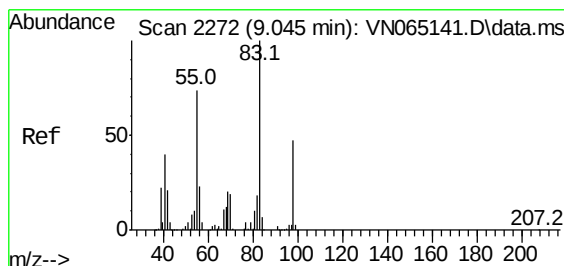
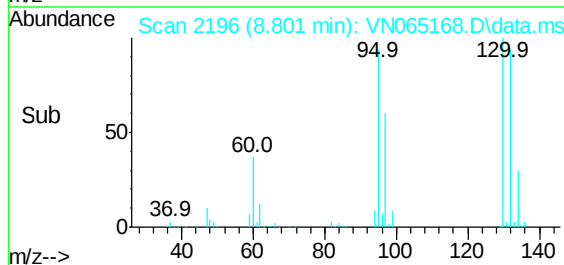
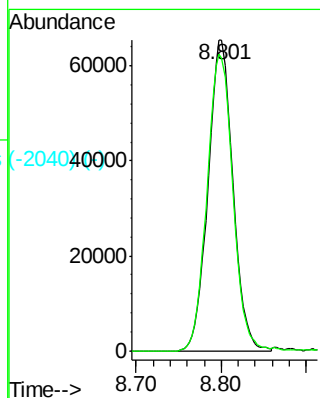
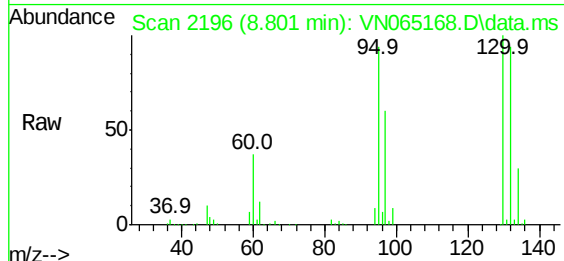
(-237) (-)  
Trichloroethene  
Concen: 18.74 ug/l  
RT: 8.801 min Scan# 2196  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01

Tgt Ion:130 Resp: 132694  
Ion Ratio Lower Upper  
130 100  
95 94.2 85.1 127.7

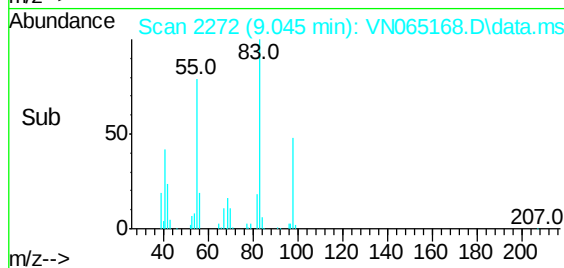
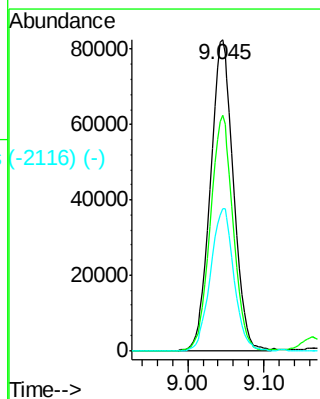
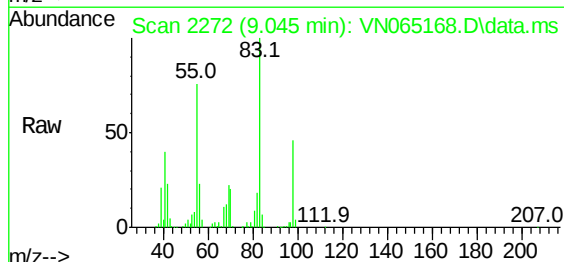
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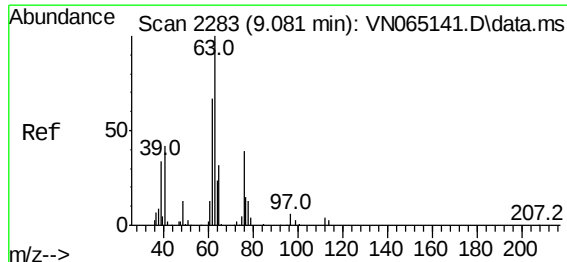
MMDadoda  
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(-238) (-)  
Methylcyclohexane  
Concen: 16.95 ug/l  
RT: 9.045 min Scan# 2272  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

Tgt Ion: 83 Resp: 173609  
Ion Ratio Lower Upper  
83 100  
55 74.8 42.0 126.1  
98 46.3 22.5 67.5





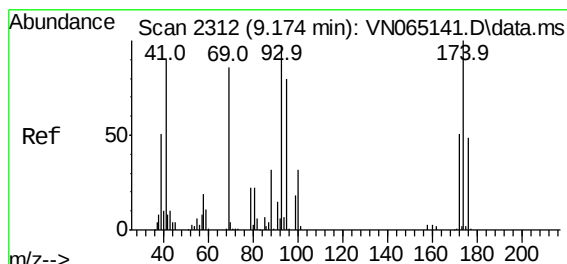
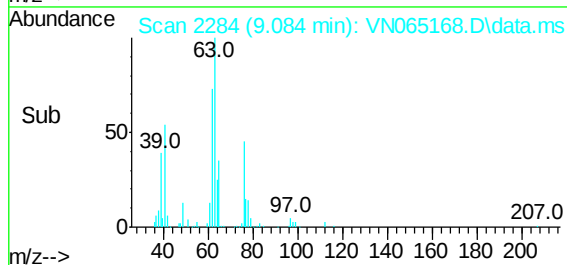
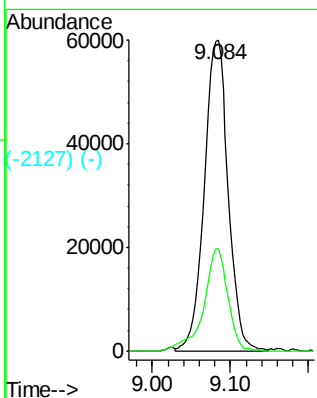
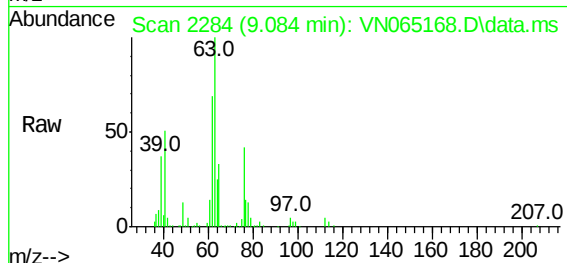
#283 (-)  
1,2-Dichloropropane  
Concen: 18.47 ug/l  
RT: 9.084 min Scan# 2284  
Delta R.T. 0.003 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

Tgt Ion: 63 Resp: 128782  
Ion Ratio Lower Upper  
63 100  
65 32.9 24.4 36.6

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01

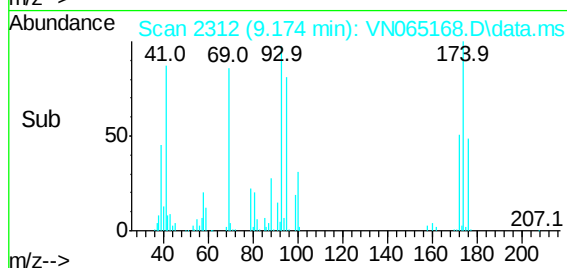
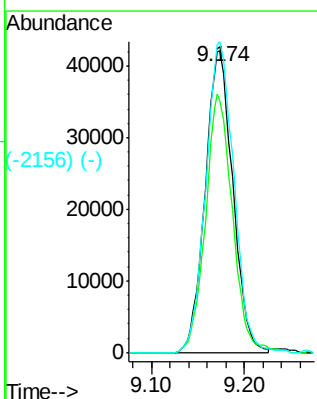
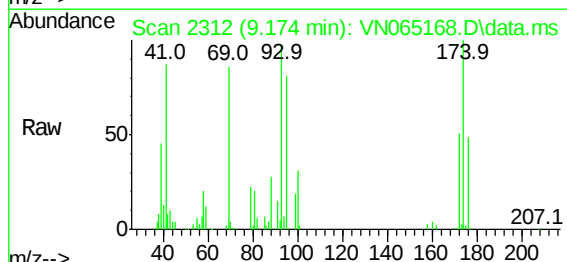
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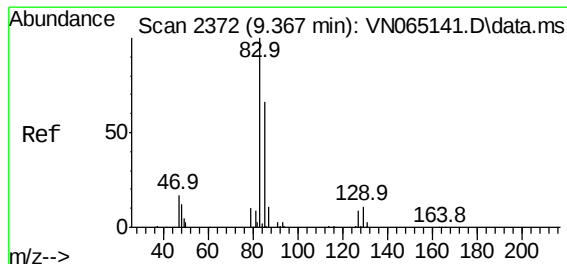
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#297 (-)  
Dibromomethane  
Concen: 17.79 ug/l  
RT: 9.174 min Scan# 2312  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

Tgt Ion: 93 Resp: 86932  
Ion Ratio Lower Upper  
93 100  
95 83.5 0.0 164.6  
174 104.6 0.0 165.6





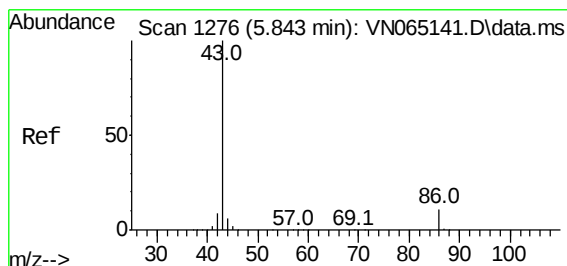
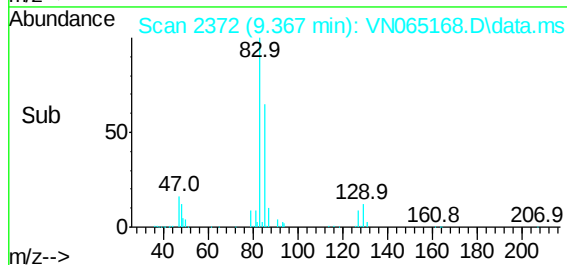
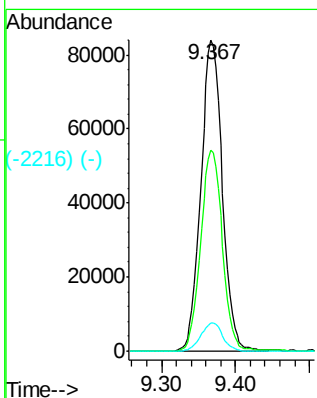
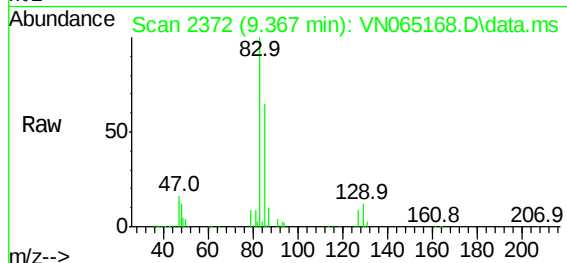
Bromodichloromethane  
Concen: 16.99 ug/l  
RT: 9.367 min Scan# 2372  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

Tgt Ion: 83 Resp: 168784  
Ion Ratio Lower Upper  
83 100  
85 64.7 51.0 76.4  
127 8.9 6.2 9.4

Instrument :  
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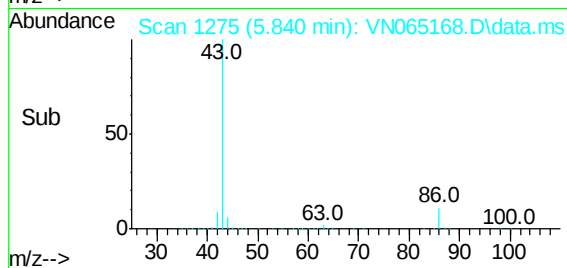
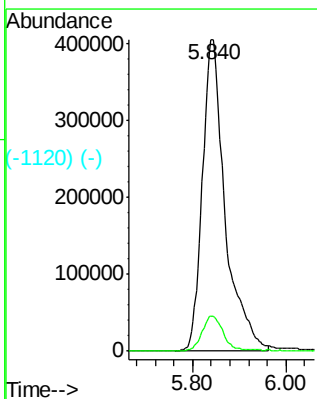
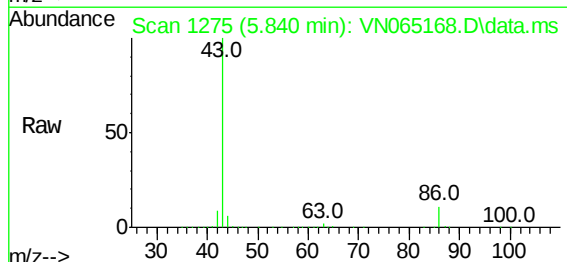
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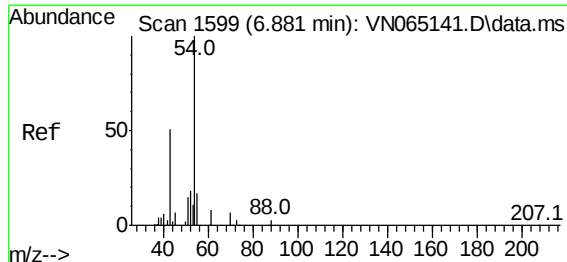
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Vinyl Acetate  
Concen: 86.53 ug/l  
RT: 5.840 min Scan# 1275  
Delta R.T. -0.003 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

Tgt Ion: 43 Resp: 1370369  
Ion Ratio Lower Upper  
43 100  
86 10.0 6.3 9.5#



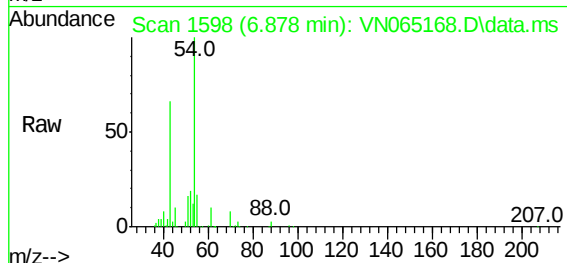


#437 (-)  
Ethyl Acetate  
Concen: 16.43 ug/l  
RT: 6.878 min Scan# 1598  
Delta R.T. -0.003 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

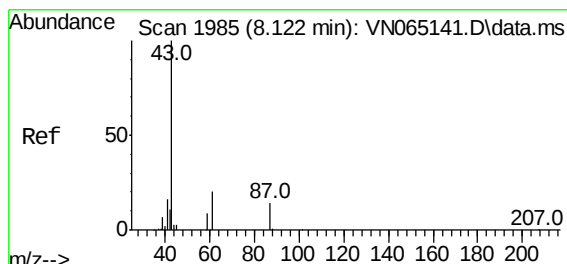
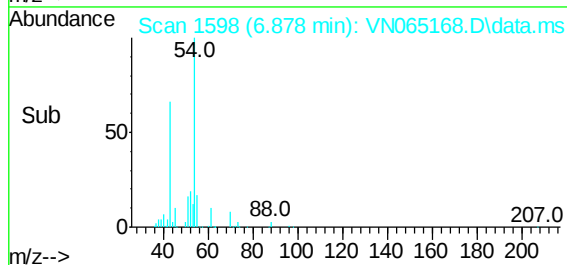
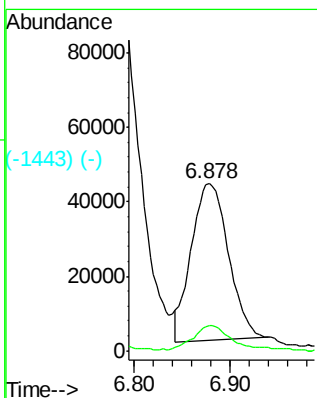
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ClientSampleId :  
VN1216WBSD01

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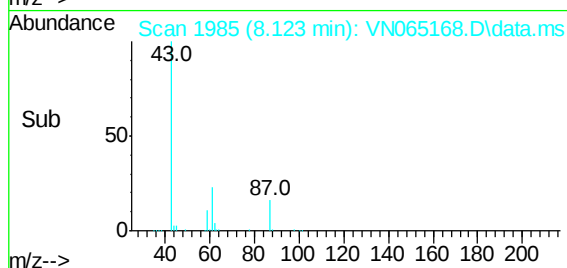
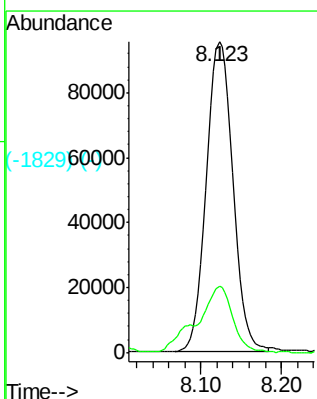
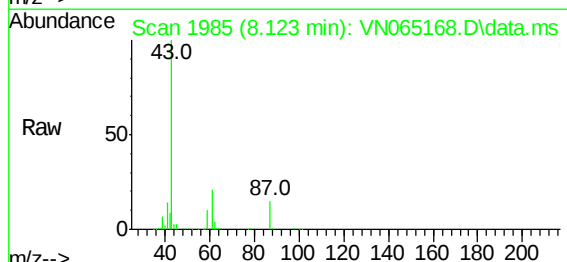


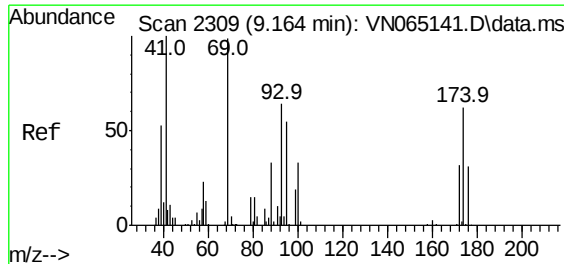
Tgt Ion: 43 Resp: 112542  
Ion Ratio Lower Upper  
43 100  
45 14.3 10.9 16.3



#446 (-)  
Isopropyl Acetate  
Concen: 18.57 ug/l  
RT: 8.123 min Scan# 1985  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

Tgt Ion: 43 Resp: 212786  
Ion Ratio Lower Upper  
43 100  
61 20.1 13.0 19.4#





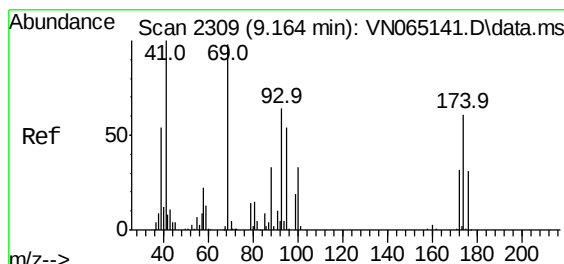
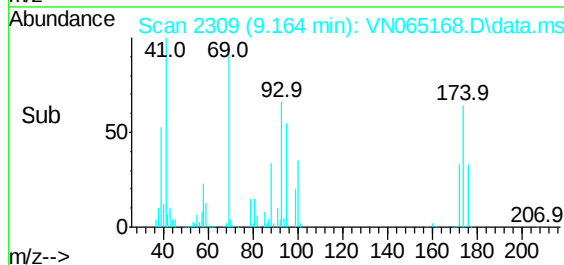
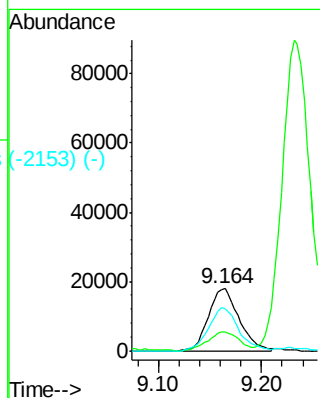
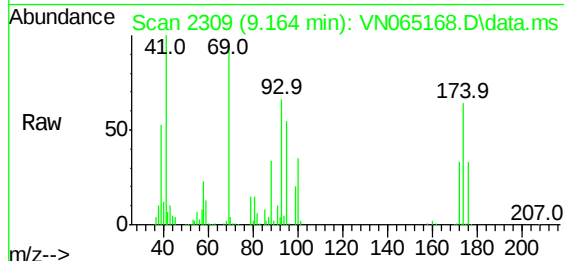
#456 (-)  
1,4-Dioxane  
Concen: 353.31 ug/l  
RT: 9.164 min Scan# 2309  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

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Tgt Ion: 88 Resp: 36791  
Ion Ratio Lower Upper  
88 100  
43 31.4 30.6 46.0  
58 67.9 57.9 86.9

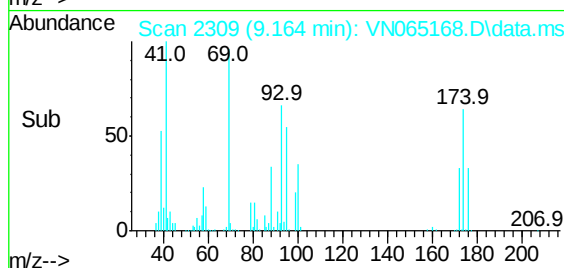
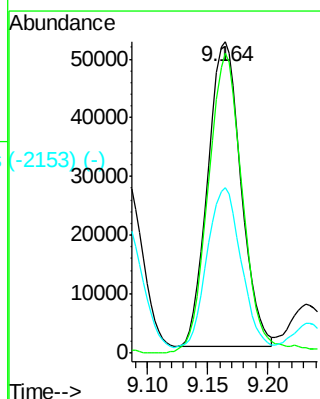
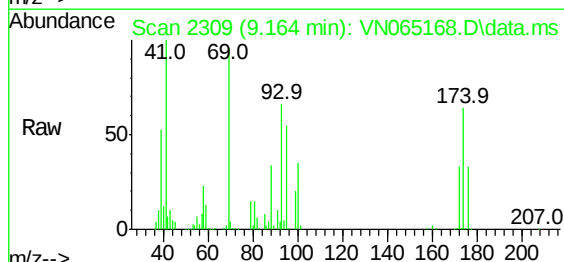
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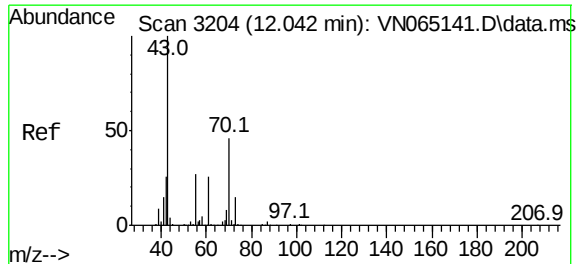
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#457 (-)  
Methyl methacrylate  
Concen: 16.70 ug/l  
RT: 9.164 min Scan# 2309  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

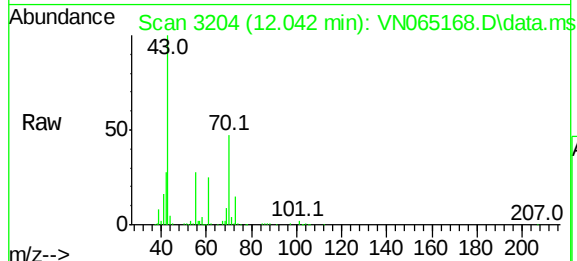
Tgt Ion: 41 Resp: 97342  
Ion Ratio Lower Upper  
41 100  
69 97.3 35.4 106.2  
39 52.5 31.6 94.7





#4189 (-)  
n-amy1 Acetate  
Concen: 17.30 ug/l  
RT: 12.042 min Scan# 3204  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

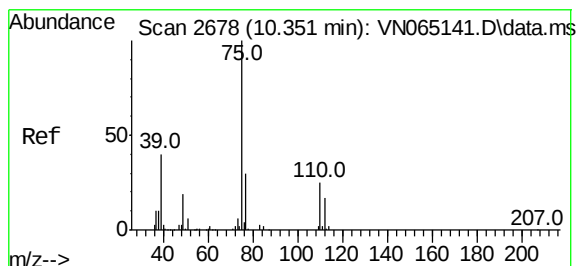
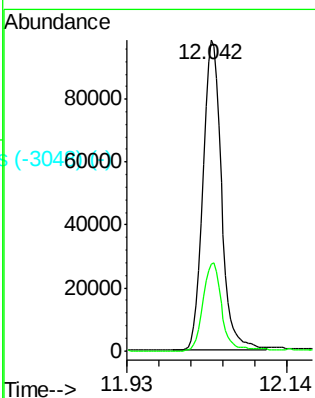
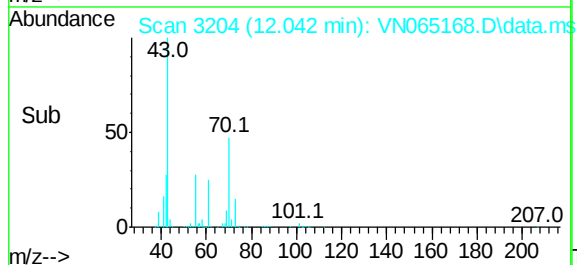
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MSVOA\_N  
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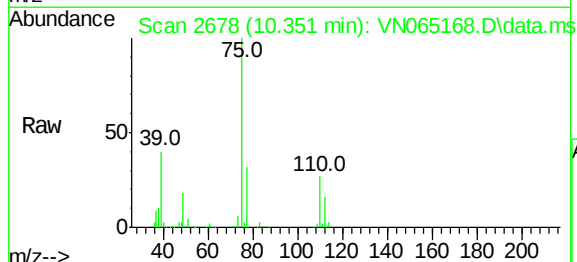
Tgt Ion: 43 Resp: 163798  
Ion Ratio Lower Upper  
43 100  
55 28.3 19.2 28.8

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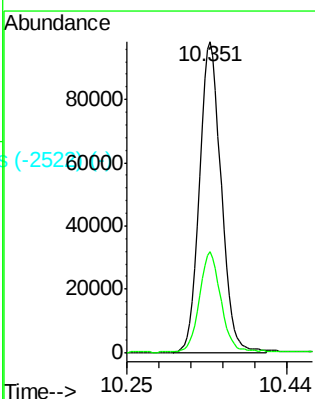
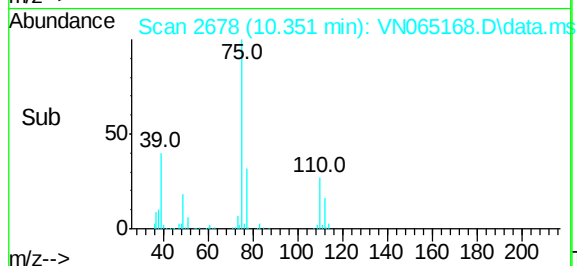
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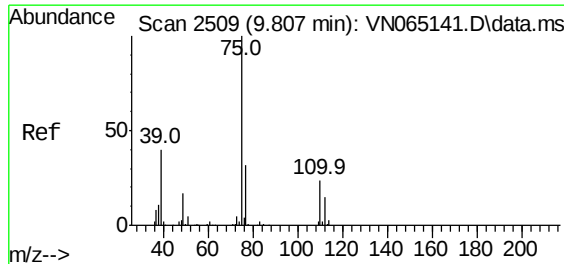


#4184 (-)  
t-1,3-Dichloropropene  
Concen: 18.50 ug/l  
RT: 10.351 min Scan# 2678  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37



Tgt Ion: 75 Resp: 179522  
Ion Ratio Lower Upper  
75 100  
77 32.0 25.8 38.6



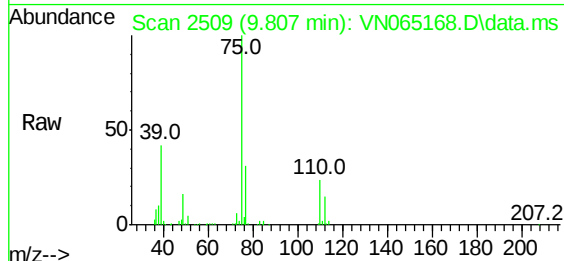


#494 (-)  
cis-1,3-Dichloropropene  
Concen: 18.22 ug/l  
RT: 9.807 min Scan# 2509  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

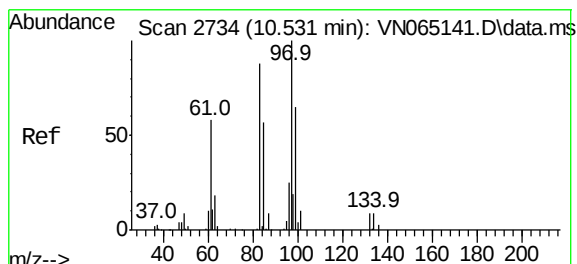
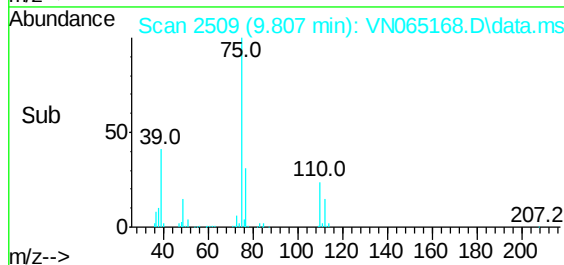
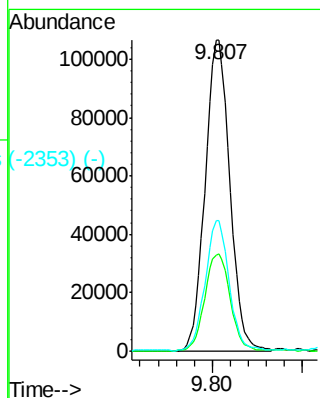
Instrument :  
MSVOA\_N  
ClientSampleId :  
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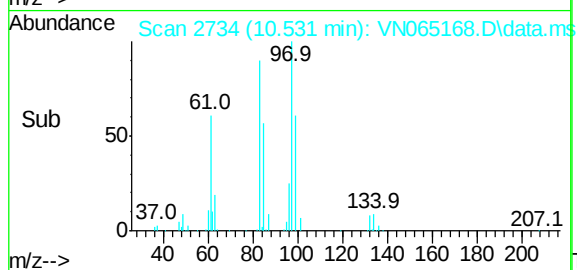
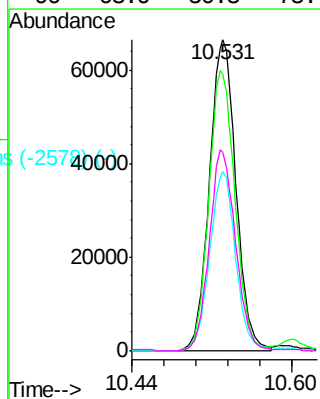
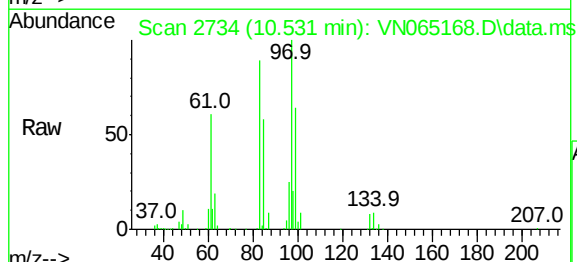


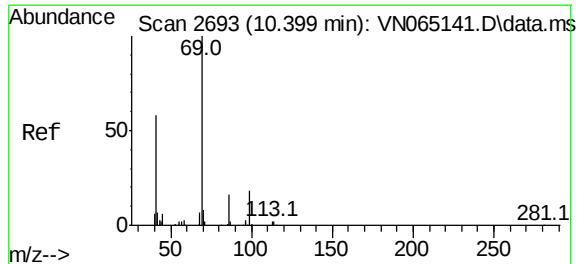
Tgt Ion: 75 Resp: 200876  
Ion Ratio Lower Upper  
75 100  
77 31.0 24.8 37.2  
39 41.5 47.4 71.0#



#501 (-)  
1,1,2-Trichloroethane  
Concen: 19.26 ug/l  
RT: 10.531 min Scan# 2734  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

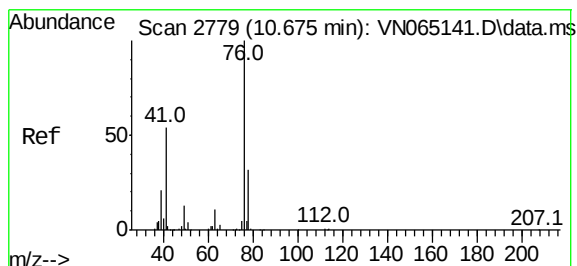
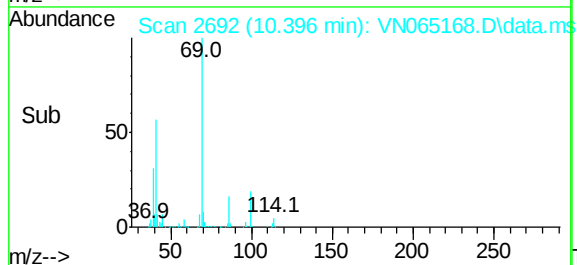
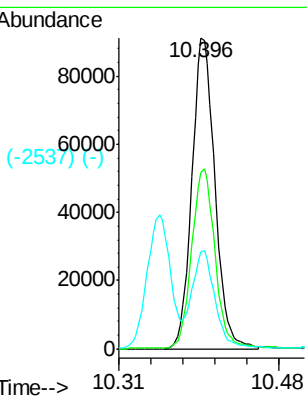
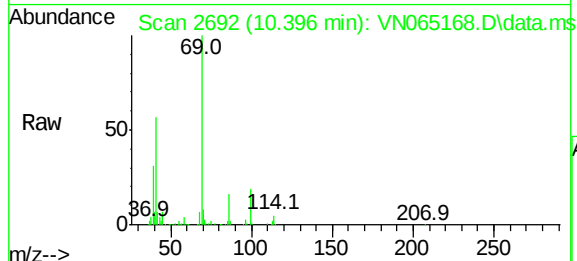
Tgt Ion: 97 Resp: 122152  
Ion Ratio Lower Upper  
97 100  
83 89.0 74.2 111.4  
85 57.6 44.8 67.2  
99 63.9 50.5 75.7





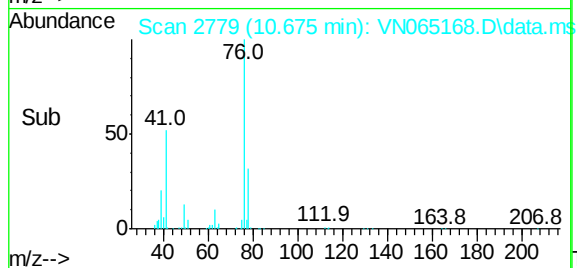
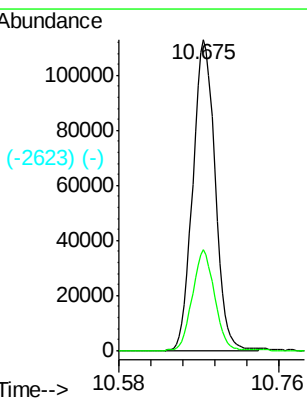
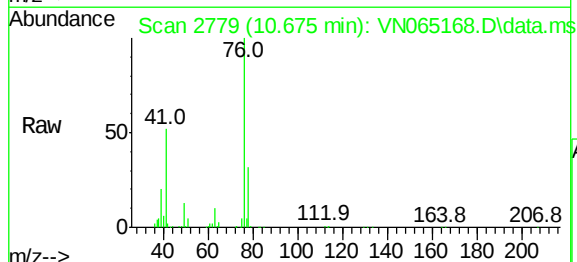
#5179 (-)  
Ethyl methacrylate  
Concen: 18.42 ug/l  
RT: 10.396 min Scan# 2692  
Delta R.T. -0.003 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

Tgt Ion: 69 Resp: 156446  
Ion Ratio Lower Upper  
69 100  
41 56.3 35.4 106.1  
39 30.6 24.1 72.2



#5266 (-)  
1,3-Dichloropropane  
Concen: 19.46 ug/l  
RT: 10.675 min Scan# 2779  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

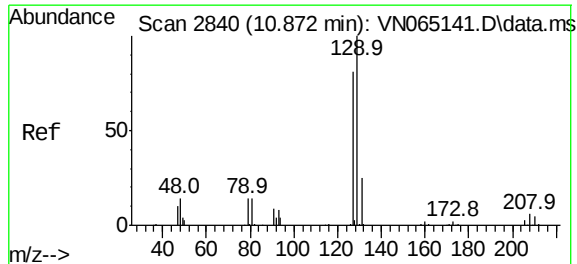
Tgt Ion: 76 Resp: 204676  
Ion Ratio Lower Upper  
76 100  
78 32.1 0.0 65.2



Instrument :  
MSVOA\_N  
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VN1216WBSD01

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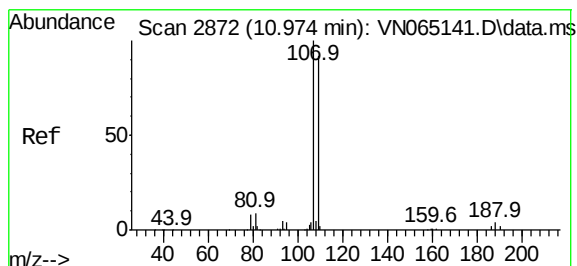
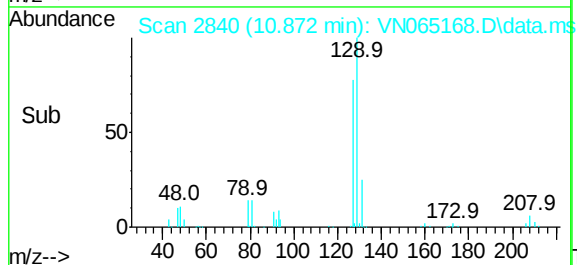
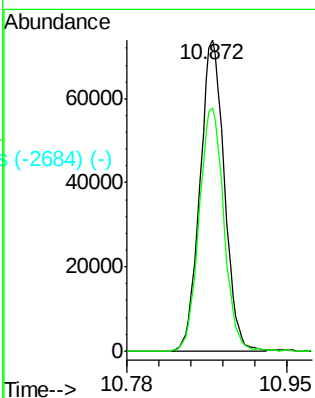
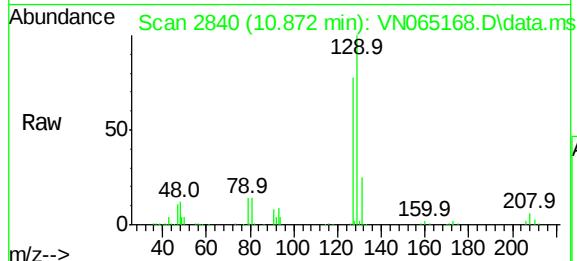
#5027 (-)  
Dibromochloromethane  
Concen: 18.24 ug/l  
RT: 10.872 min Scan# 2840  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

Tgt Ion:129 Resp: 134051  
Ion Ratio Lower Upper  
129 100  
127 78.9 39.1 117.2

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01

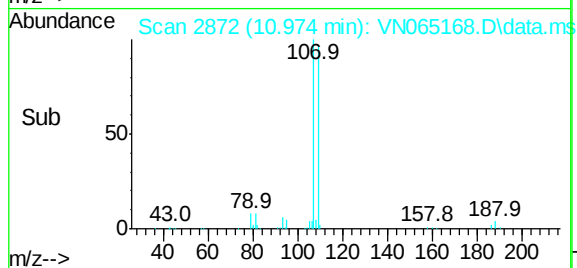
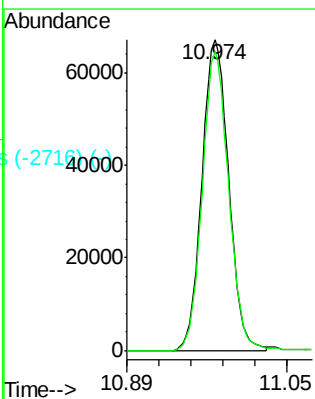
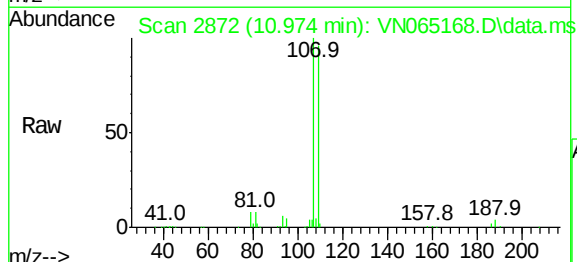
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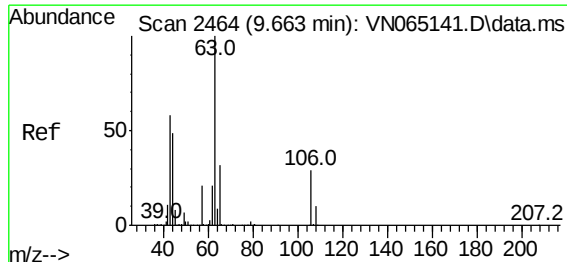
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#5059 (-)  
1,2-Dibromoethane  
Concen: 18.91 ug/l  
RT: 10.974 min Scan# 2872  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

Tgt Ion:107 Resp: 125121  
Ion Ratio Lower Upper  
107 100  
109 94.2 77.2 115.8



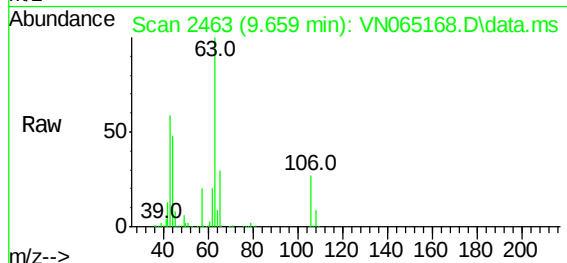


#559 (-)  
2-Chloroethyl vinyl ether  
Concen: 89.33 ug/l  
RT: 9.659 min Scan# 2463  
Delta R.T. -0.003 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

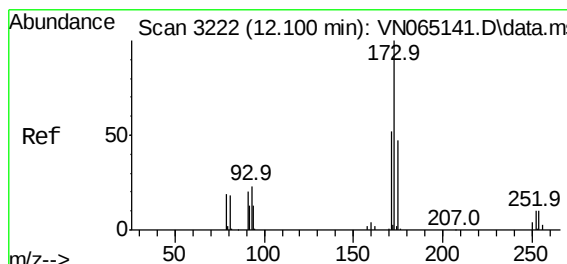
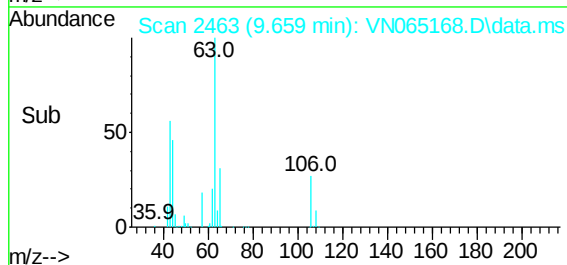
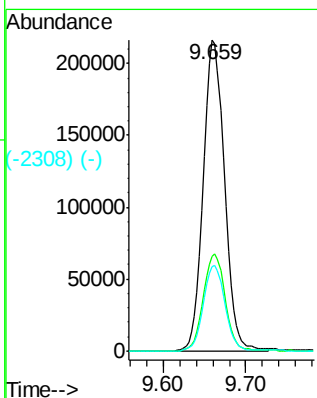
Instrument :  
MSVOA\_N  
ClientSampleId :  
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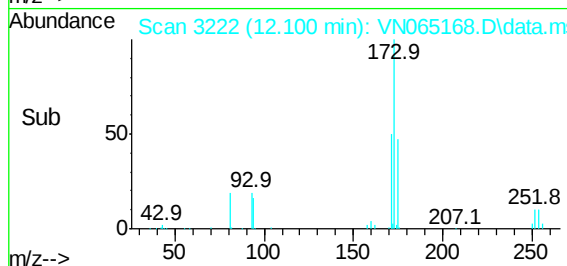
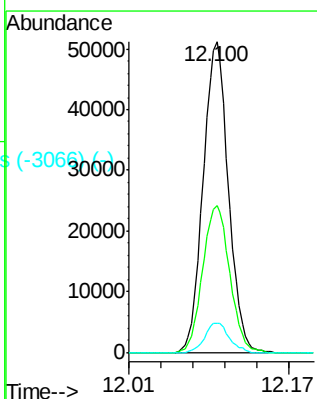
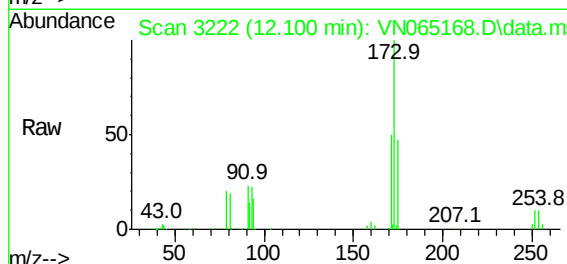


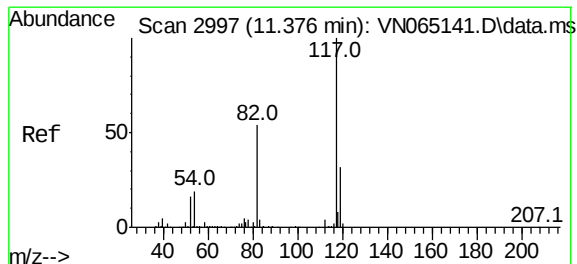
Tgt Ion: 63 Resp: 384205  
Ion Ratio Lower Upper  
63 100  
65 31.6 25.7 38.5  
106 27.8 19.9 29.9



#560 (-)  
Bromoform  
Concen: 17.93 ug/l  
RT: 12.100 min Scan# 3222  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

Tgt Ion: 173 Resp: 89613  
Ion Ratio Lower Upper  
173 100  
175 50.8 37.1 55.7  
254 9.1 5.4 8.2#



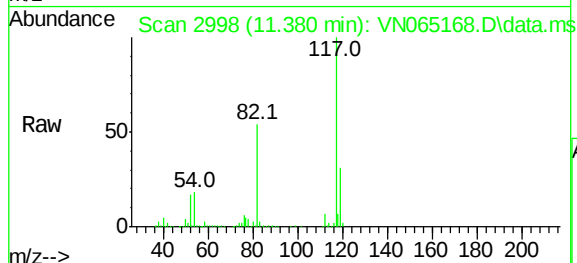


Chlorobenzene-d5  
Concen: 30.00 ug/l  
RT: 11.380 min Scan# 2998  
Delta R.T. 0.003 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

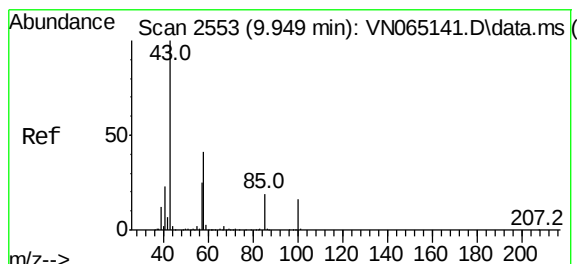
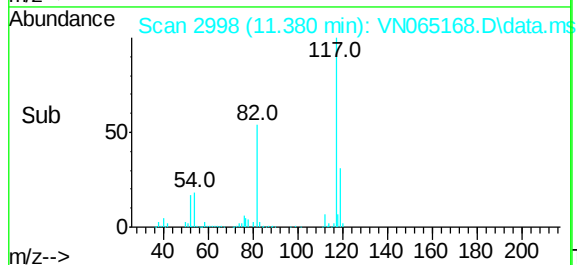
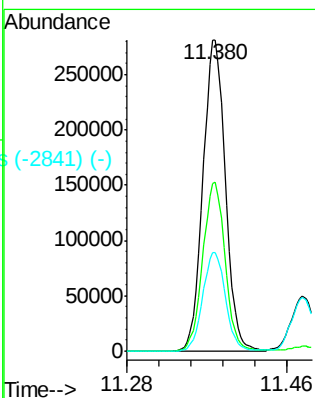
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01

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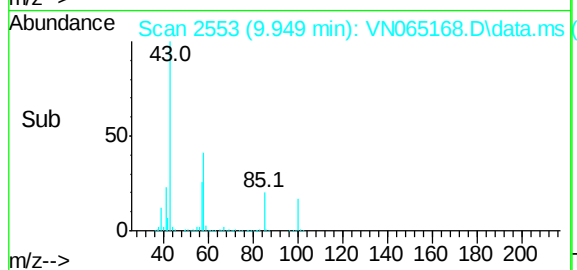
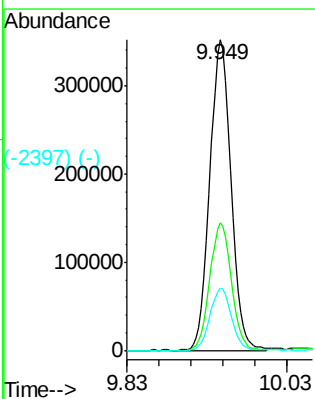
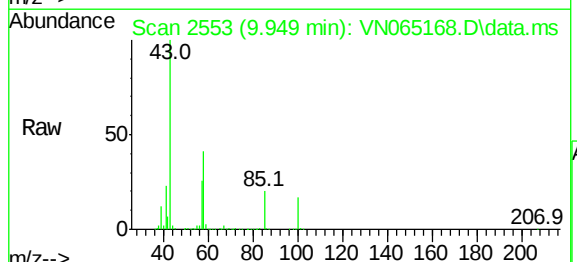


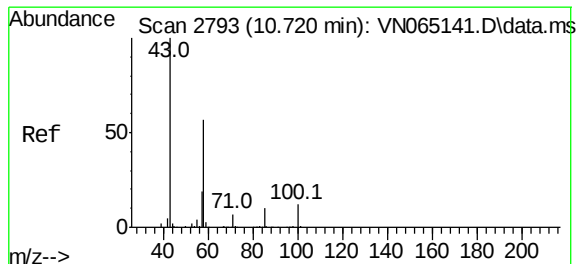
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 498630 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 54.0  | 47.8  | 71.8   |
| 119       | 31.9  | 25.7  | 38.5   |



4-Methyl-2-Pentanone  
Concen: 86.31 ug/l  
RT: 9.949 min Scan# 2553  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 627019 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 41.8  | 28.8  | 43.2   |
| 85        | 20.2  | 12.3  | 18.5#  |



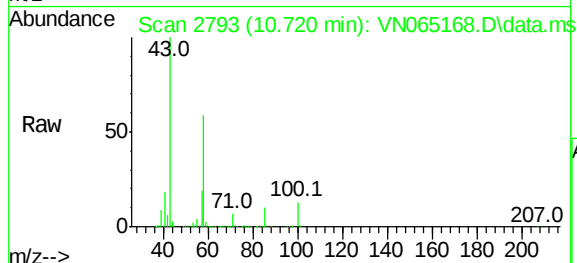


2-Hexanone  
Concen: 90.80 ug/l  
RT: 10.720 min Scan# 2793  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

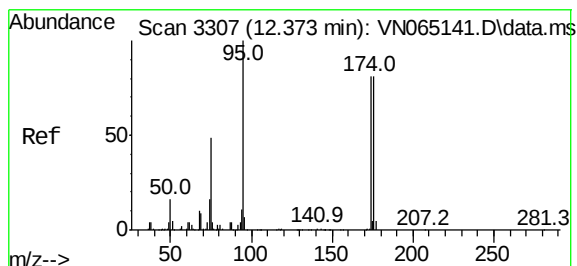
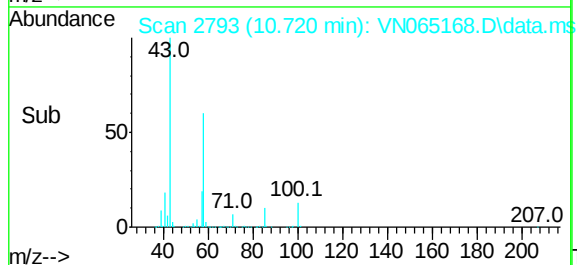
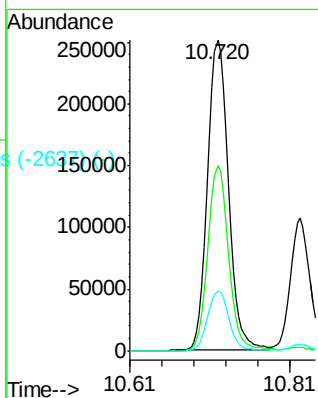
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ClientSampleId :  
VN1216WBSD01

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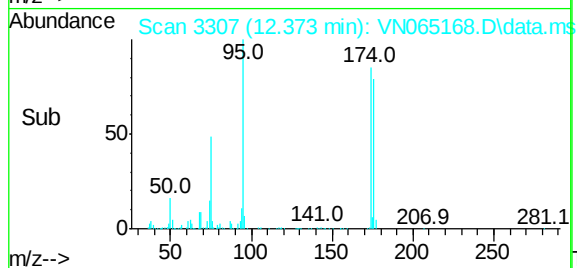
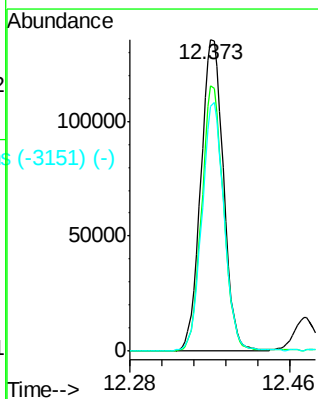
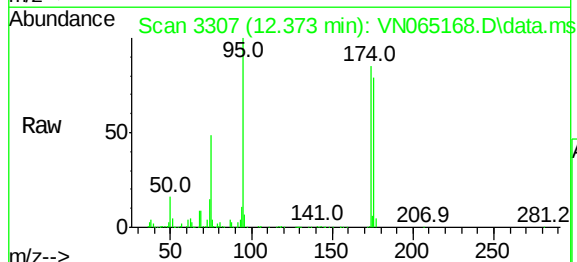


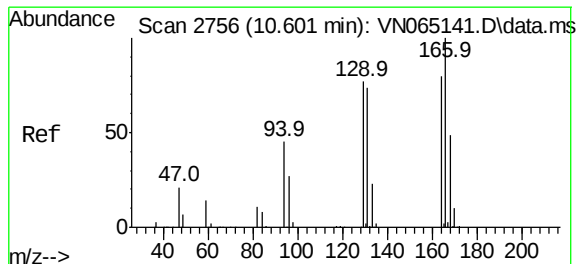
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 437929 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 58.3  | 38.2  | 57.4#  |
| 57       | 19.7  | 13.8  | 20.8   |



4-Bromofluorobenzene  
Concen: 29.94 ug/l  
RT: 12.373 min Scan# 3307  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 95    | Resp: | 234537 |
| Ion      | Ratio | Lower | Upper  |
| 95       | 100   |       |        |
| 174      | 82.0  | 56.4  | 84.6   |
| 176      | 77.9  | 53.3  | 79.9   |



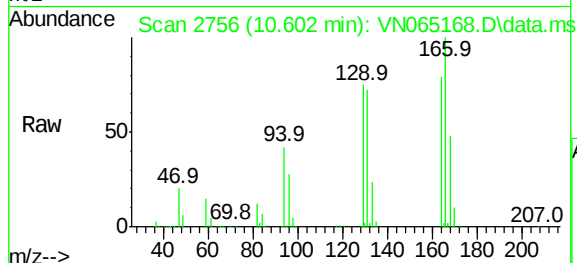


#6143 (-)  
Tetrachloroethene  
Concen: 20.17 ug/l  
RT: 10.602 min Scan# 2756  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

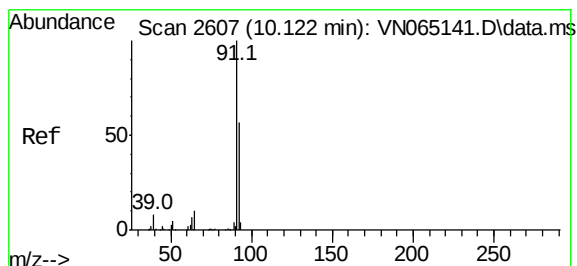
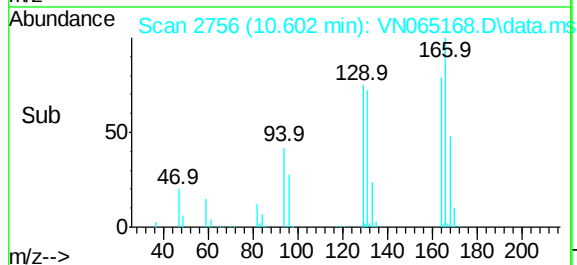
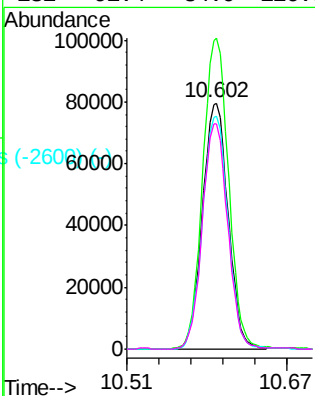
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01

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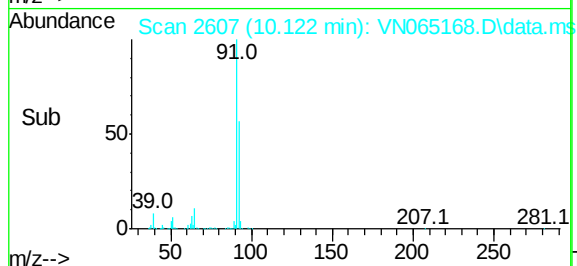
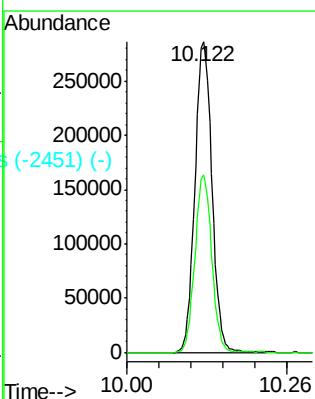
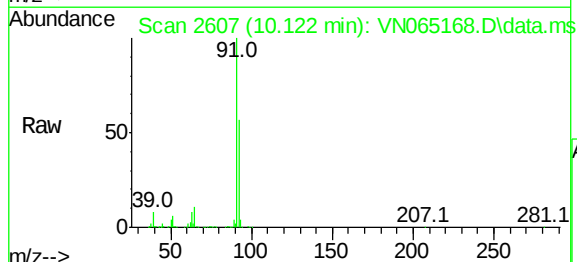


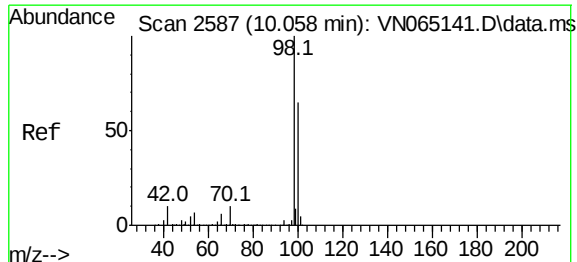
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 146247 |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 166      | 126.0 | 103.2 | 154.8  |
| 129      | 94.8  | 86.4  | 129.6  |
| 131      | 91.4  | 84.0  | 126.0  |



#6142 (-)  
Toluene  
Concen: 19.47 ug/l  
RT: 10.122 min Scan# 2607  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

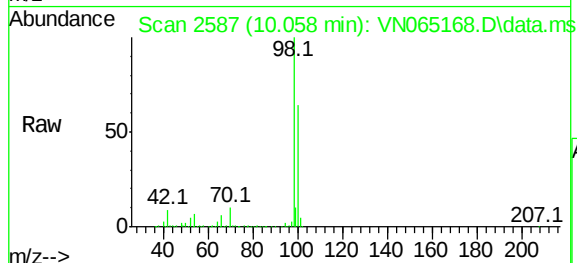
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 537867 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 92       | 56.4  | 45.4  | 68.2   |





#6972 (-)  
Toluene-d8  
Concen: 28.79 ug/l  
RT: 10.058 min Scan# 2587  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

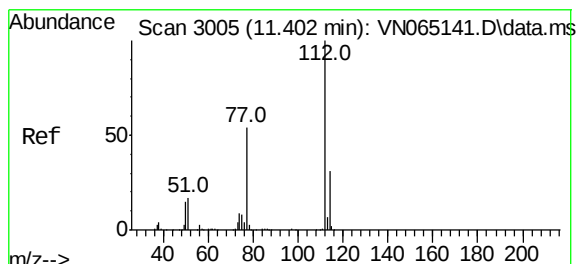
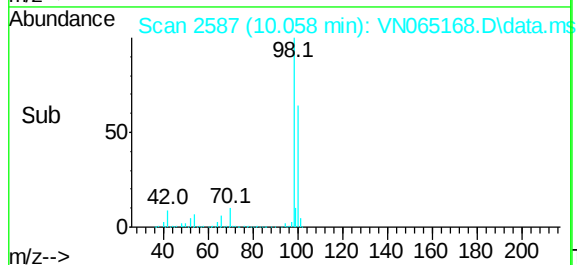
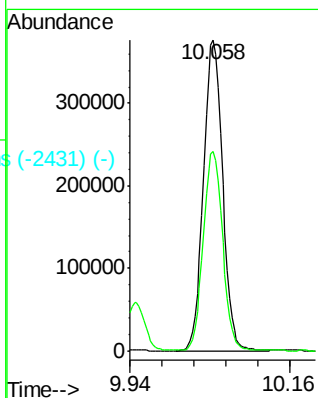
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01



Tgt Ion: 98 Resp: 693020  
Ion Ratio Lower Upper  
98 100  
100 64.8 49.4 74.2

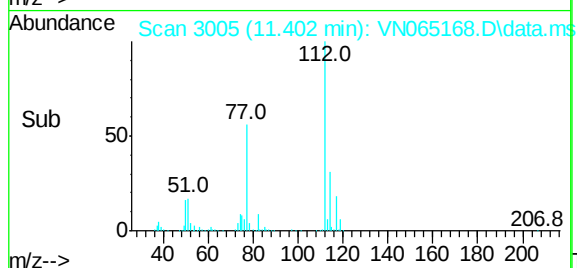
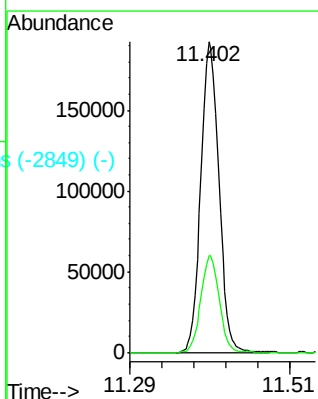
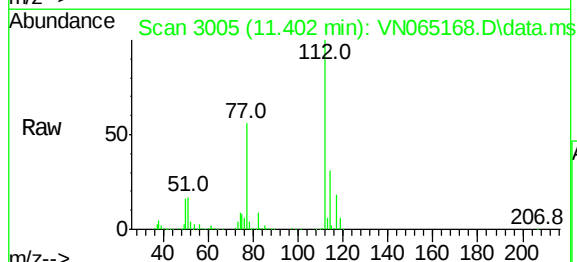
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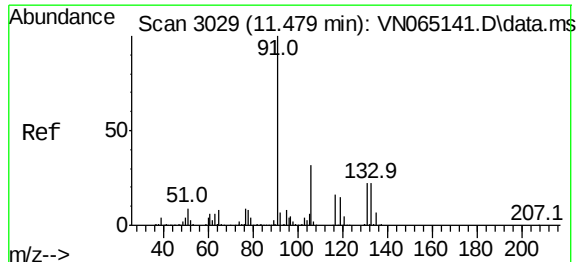
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#6991 (-)  
Chlorobenzene  
Concen: 19.44 ug/l  
RT: 11.402 min Scan# 3005  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

Tgt Ion: 112 Resp: 334801  
Ion Ratio Lower Upper  
112 100  
114 31.1 25.0 37.6





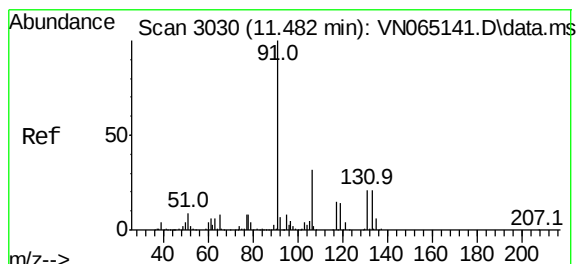
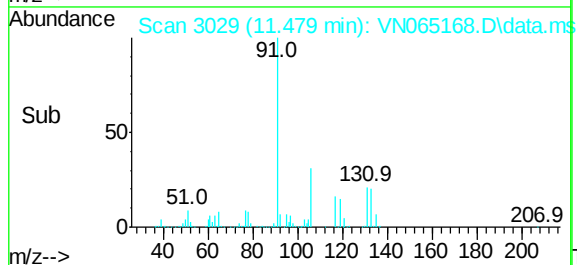
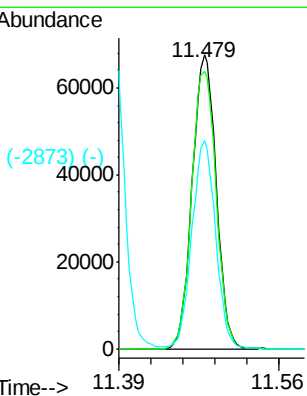
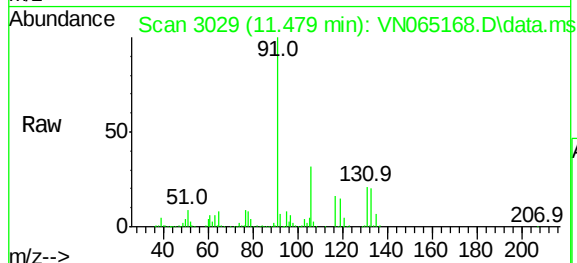
#6516 (-)  
 1,1,1,2-Tetrachloroethane  
 Concen: 18.52 ug/l  
 RT: 11.479 min Scan# 3029  
 Delta R.T. 0.000 min  
 Lab File: VN065168.D  
 Acq: 16 Dec 2020 11:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 131   | Resp: | 120978 |
| Ion Ratio | Lower | Upper |        |
| 131       | 100   |       |        |
| 133       | 97.0  | 0.0   | 191.2  |
| 119       | 70.2  | 0.0   | 131.6  |

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1216WBSD01

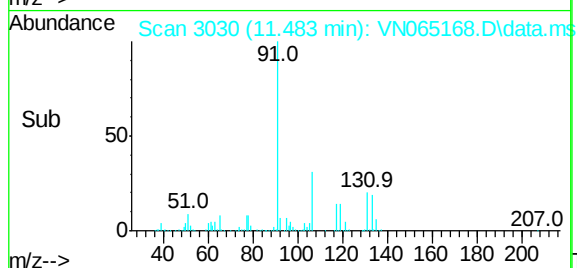
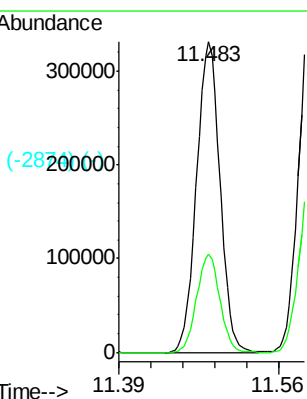
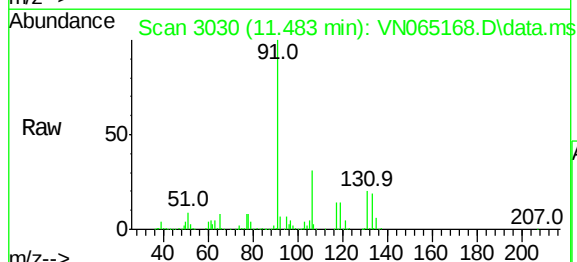
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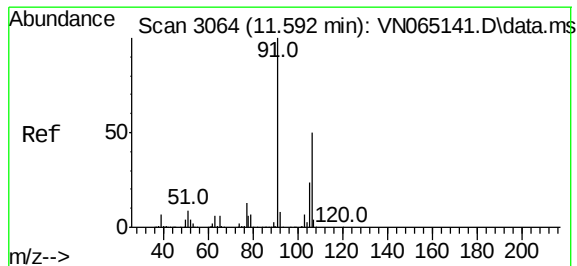
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#6516 (-)  
 Ethyl Benzene  
 Concen: 19.06 ug/l  
 RT: 11.483 min Scan# 3030  
 Delta R.T. 0.000 min  
 Lab File: VN065168.D  
 Acq: 16 Dec 2020 11:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 557919 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 106       | 31.4  | 23.9  | 35.9   |





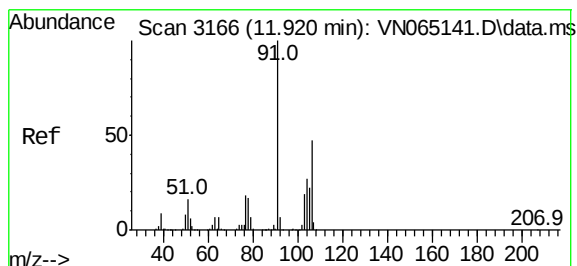
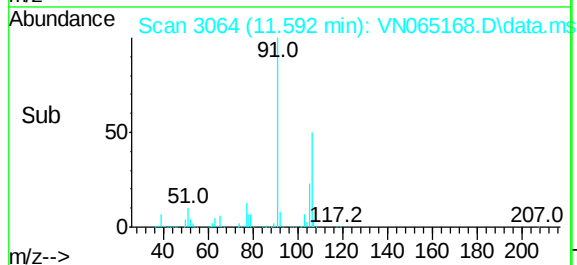
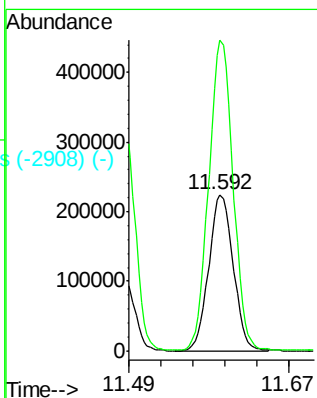
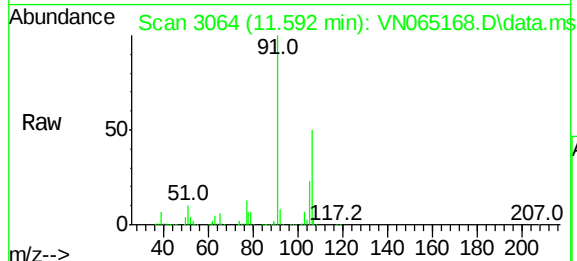
#6749 (-)  
m/p-Xylenes  
Concen: 37.96 ug/l  
RT: 11.592 min Scan# 3064  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

Tgt Ion:106 Resp: 432842  
Ion Ratio Lower Upper  
106 100  
91 199.3 168.8 253.2

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01

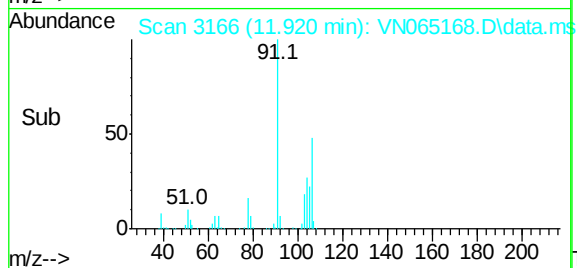
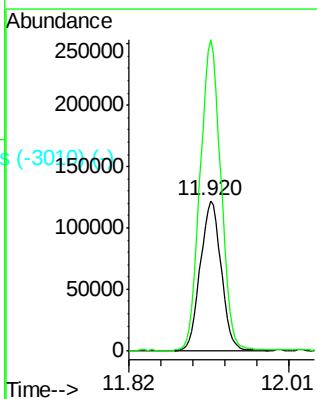
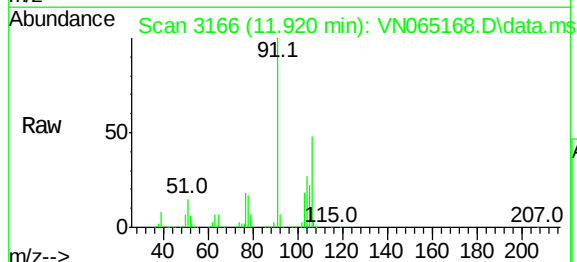
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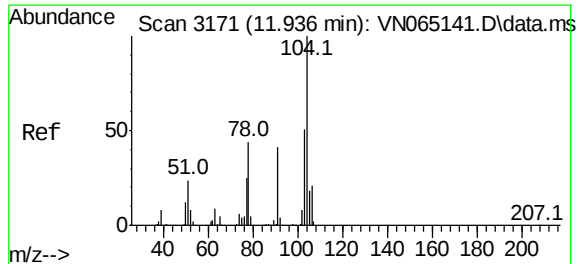
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#6752 (-)  
o-Xylene  
Concen: 19.18 ug/l  
RT: 11.920 min Scan# 3166  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

Tgt Ion:106 Resp: 206763  
Ion Ratio Lower Upper  
106 100  
91 208.0 109.7 329.2





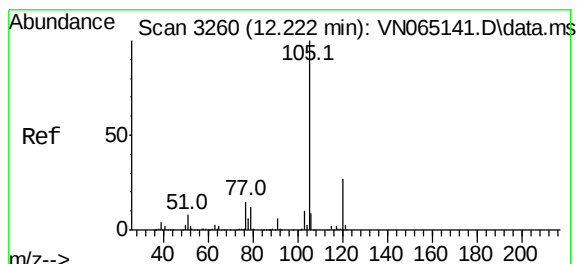
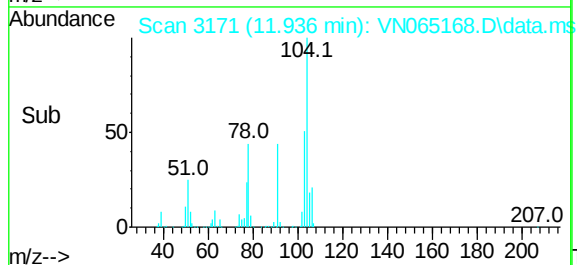
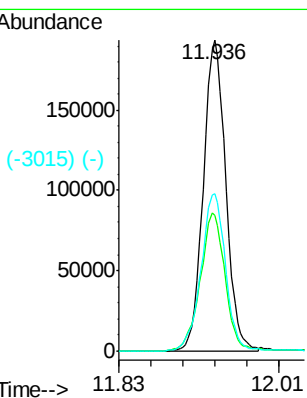
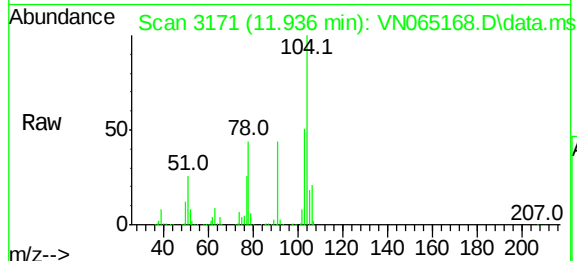
#3156 (-)  
Styrene  
Concen: 18.55 ug/l  
RT: 11.936 min Scan# 3171  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

Tgt Ion:104 Resp: 332660  
Ion Ratio Lower Upper  
104 100  
78 48.9 44.4 66.6  
103 55.2 44.6 67.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01

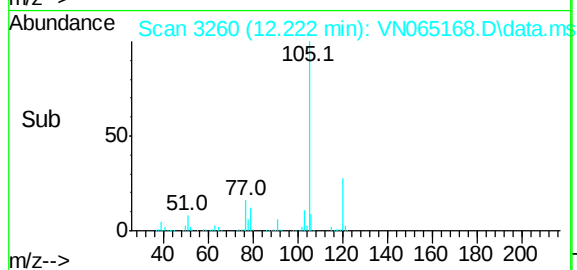
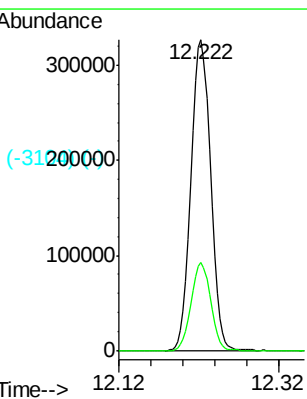
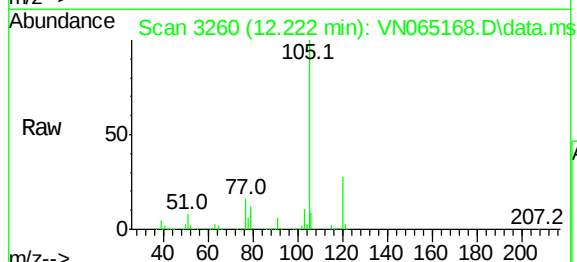
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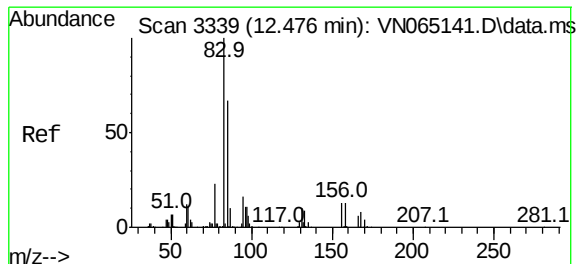
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#3246 (-)  
Isopropylbenzene  
Concen: 19.00 ug/l  
RT: 12.222 min Scan# 3260  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

Tgt Ion:105 Resp: 534917  
Ion Ratio Lower Upper  
105 100  
120 28.0 17.9 33.3





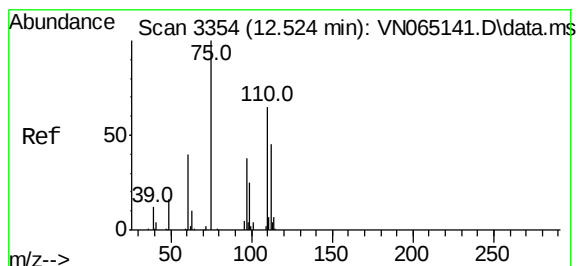
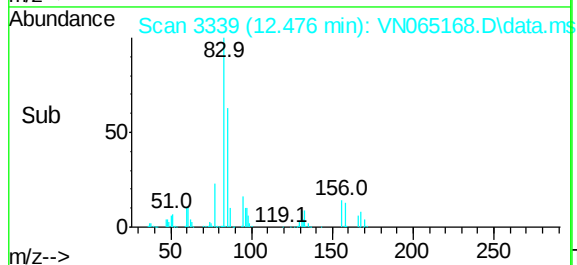
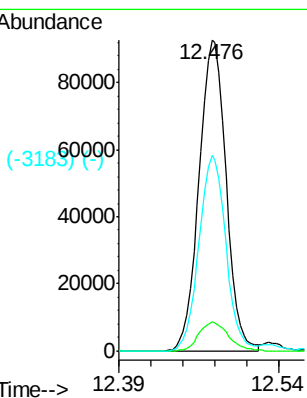
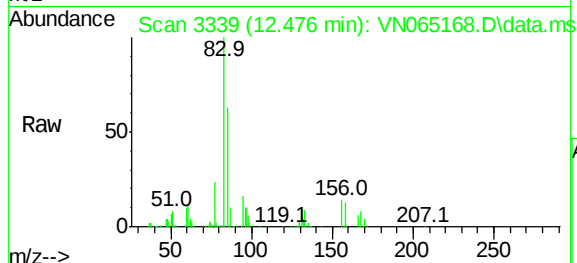
#3326 (-)  
 1,1,2,2-Tetrachloroethane  
 Concen: 19.25 ug/l  
 RT: 12.476 min Scan# 3339  
 Delta R.T. 0.000 min  
 Lab File: VN065168.D  
 Acq: 16 Dec 2020 11:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 83    | Resp: | 157090 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 9.9   | 4.6   | 13.8   |
| 85        | 62.4  | 31.4  | 94.0   |

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1216WBSD01

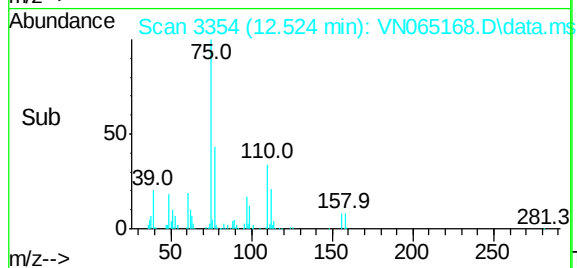
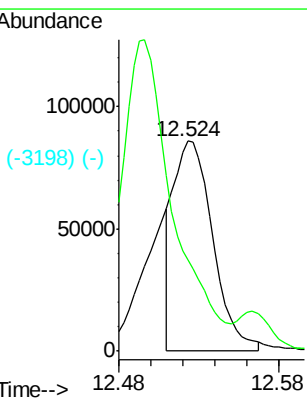
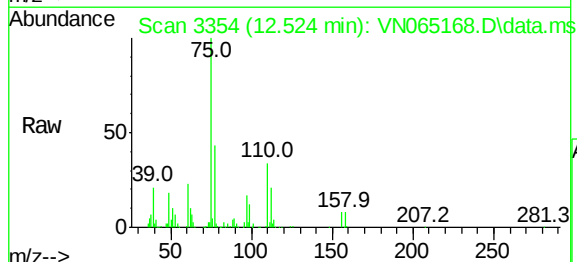
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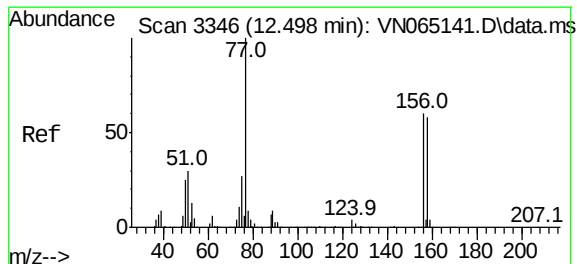
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#3329 (-)  
 1,2,3-Trichloropropane  
 Concen: 17.75 ug/l m  
 RT: 12.524 min Scan# 3354  
 Delta R.T. 0.000 min  
 Lab File: VN065168.D  
 Acq: 16 Dec 2020 11:37

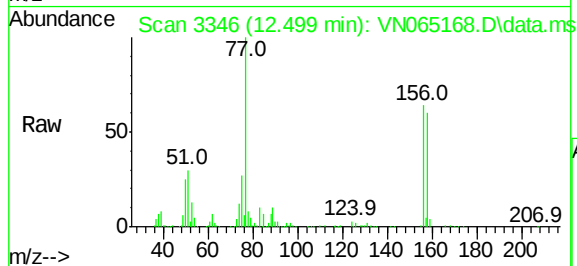
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 138714 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 196.1 | 0.0   | 379.4  |





#333 (-)  
Bromobenzene  
Concen: 19.27 ug/l  
RT: 12.499 min Scan# 3346  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

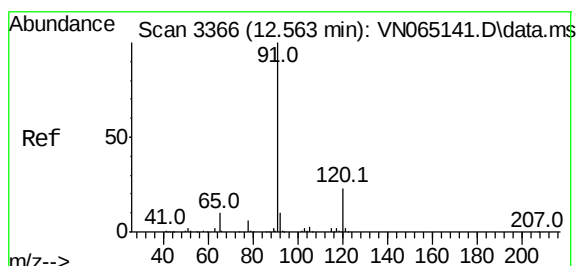
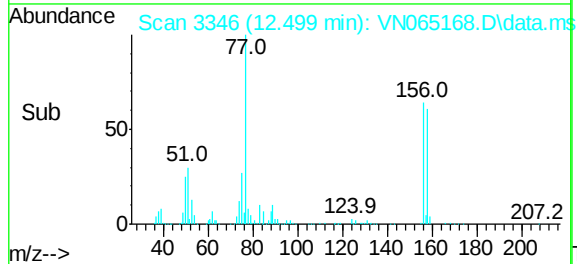
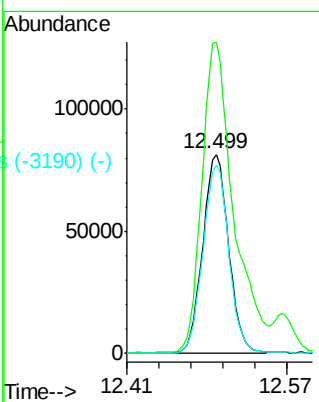
**Instrument :**  
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**ClientSampleId :**  
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Tgt Ion: 156 Resp: 140888

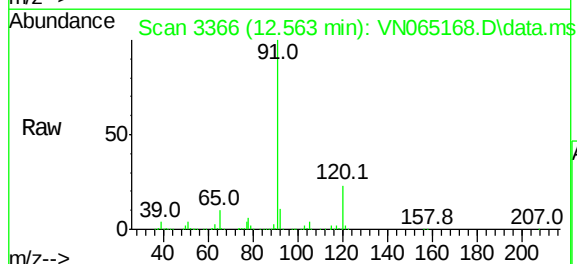
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 156 | 100   |       |       |
| 77  | 193.1 | 0.0   | 480.2 |
| 158 | 95.0  | 0.0   | 194.0 |

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#334 (-)  
n-propylbenzene  
Concen: 19.11 ug/l  
RT: 12.563 min Scan# 3366  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

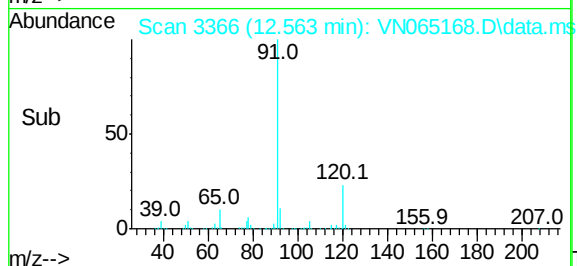
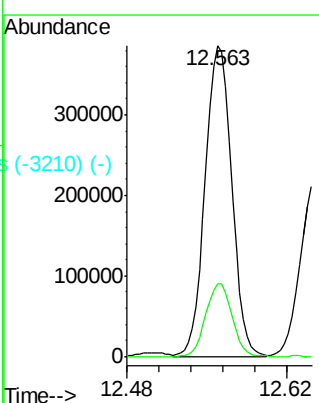
**Instrument :**  
MSVOA\_N  
**ClientSampleId :**  
VN1216WBSD01

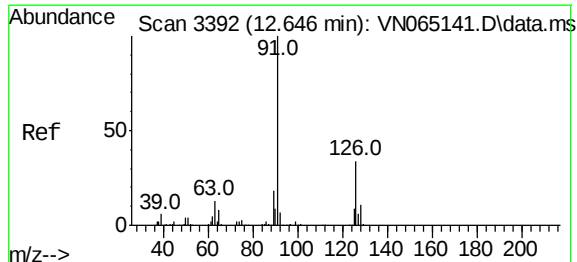


Tgt Ion: 91 Resp: 613933

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 120 | 23.1  | 0.0   | 42.8  |

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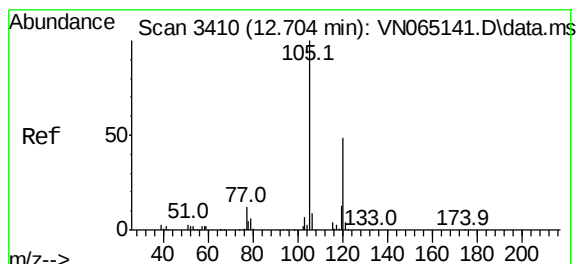
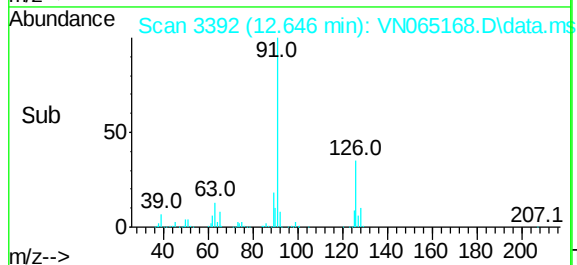
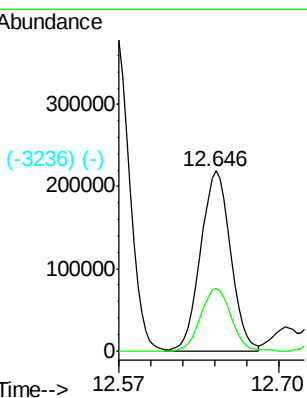
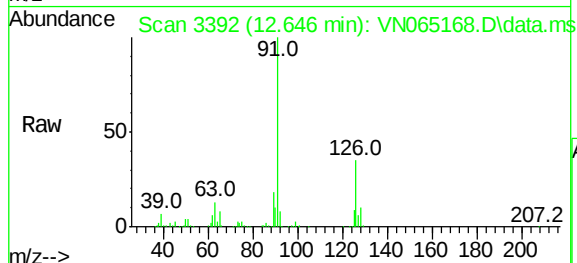
#3380 (-)  
2-Chlorotoluene  
Concen: 18.94 ug/l  
RT: 12.646 min Scan# 3392  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 370296 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 126       | 35.0  | 0.0   | 61.8   |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01

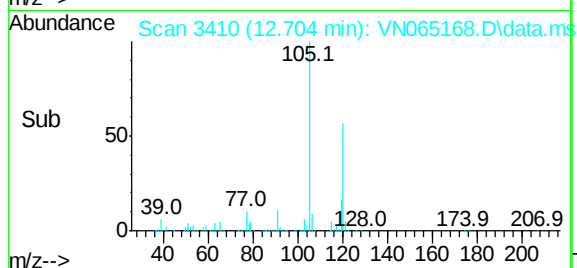
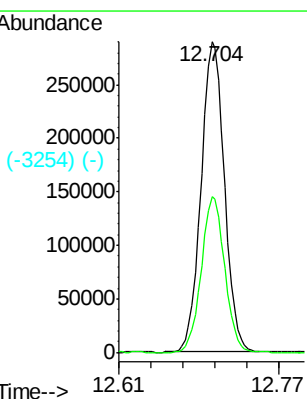
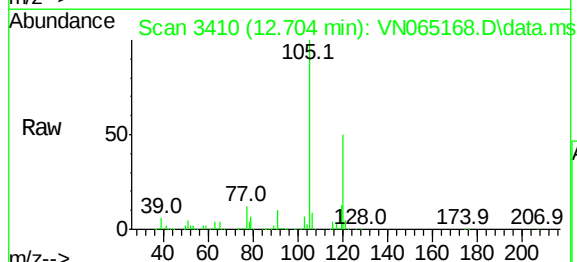
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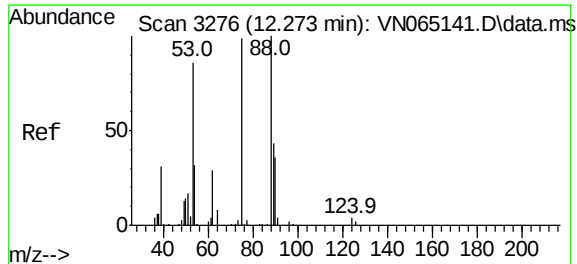
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#3395 (-)  
1,3,5-Trimethylbenzene  
Concen: 18.81 ug/l  
RT: 12.704 min Scan# 3410  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 456965 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 50.3  | 0.0   | 90.4   |





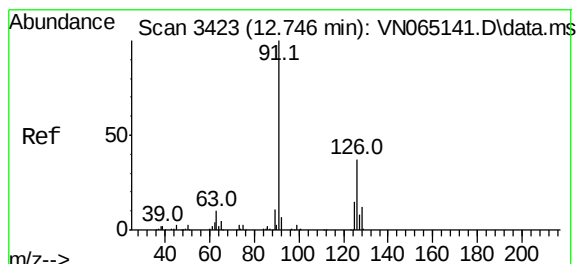
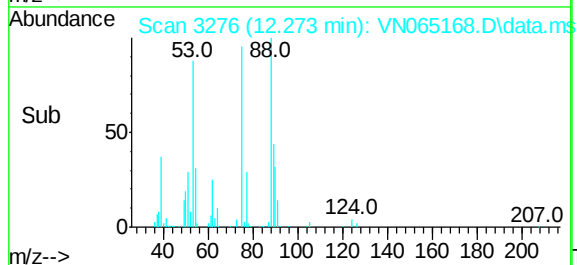
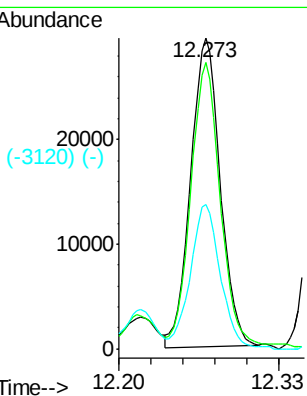
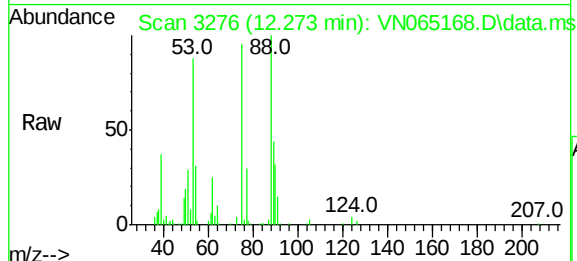
#3276 (-)  
t-1,4-Dichloro-2-butene  
Concen: 17.44 ug/l  
RT: 12.273 min Scan# 3276  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 91.5  | 50.3  | 150.9 |
| 89      | 46.4  | 23.3  | 69.8  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01

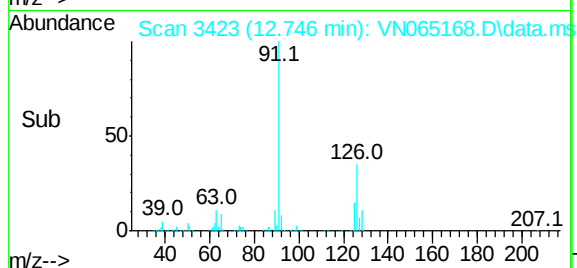
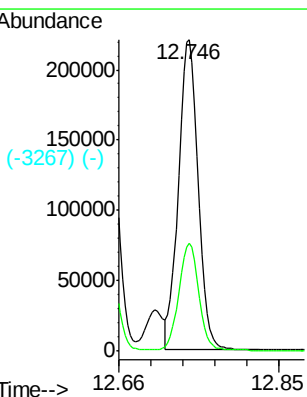
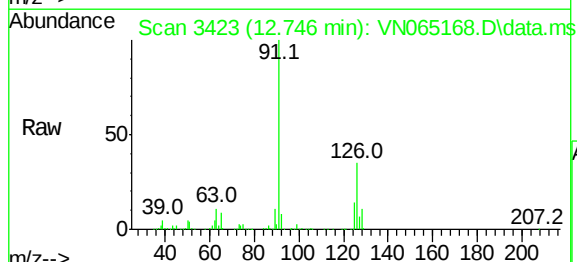
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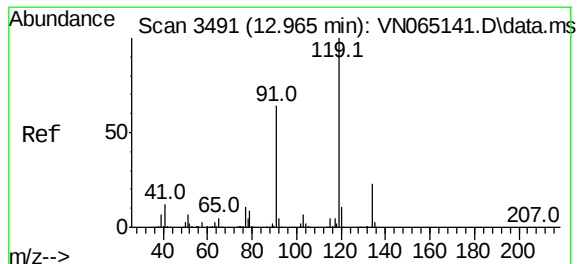
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#3423 (-)  
4-Chlorotoluene  
Concen: 18.60 ug/l  
RT: 12.746 min Scan# 3423  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 35.0  | 0.0   | 61.8  |



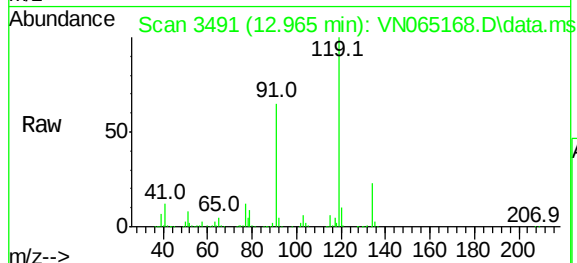


#3491 (-)  
tert-butylbenzene  
Concen: 18.72 ug/l  
RT: 12.965 min Scan# 3491  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

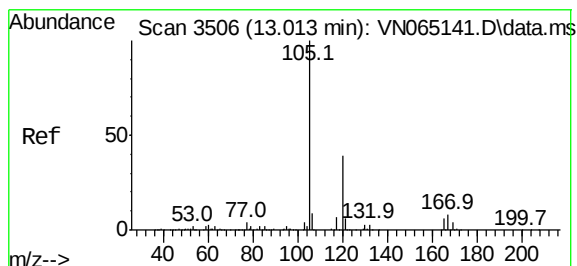
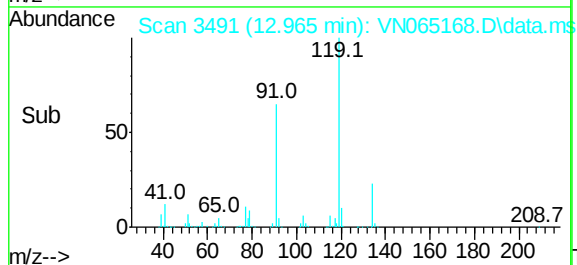
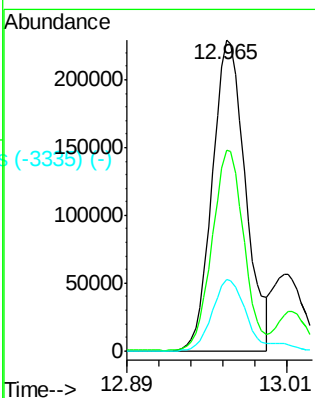
Instrument :  
MSVOA\_N  
ClientSampleId :  
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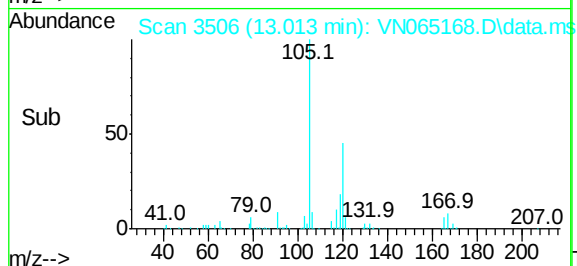
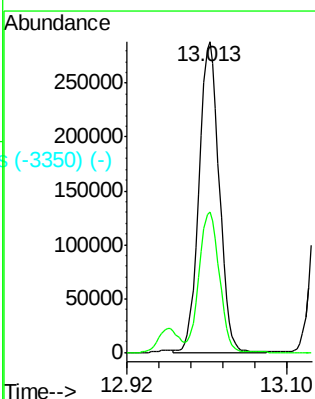
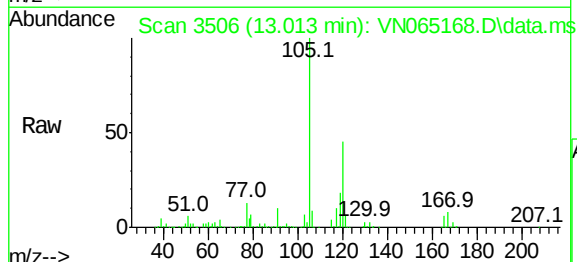


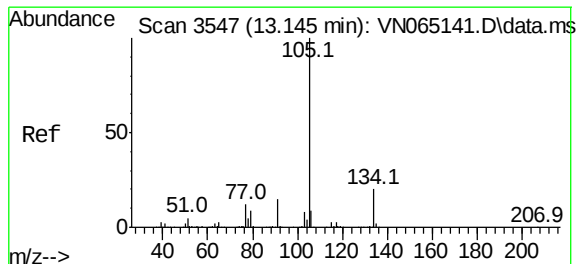
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 61.9  | 0.0   | 147.8 |
| 134     | 22.7  | 0.0   | 50.6  |



#3506 (-)  
1,2,4-Trimethylbenzene  
Concen: 19.09 ug/l  
RT: 13.013 min Scan# 3506  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 45.8  | 0.0   | 88.6  |



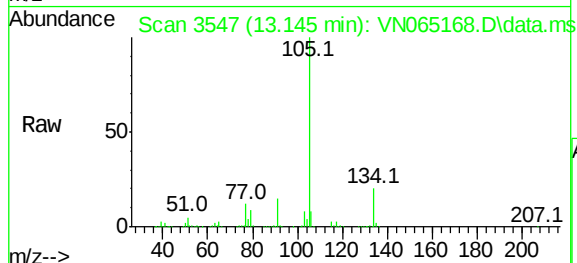


#332 (-)  
 sec-Butylbenzene  
 Concen: 18.55 ug/l  
 RT: 13.145 min Scan# 3547  
 Delta R.T. 0.000 min  
 Lab File: VN065168.D  
 Acq: 16 Dec 2020 11:37

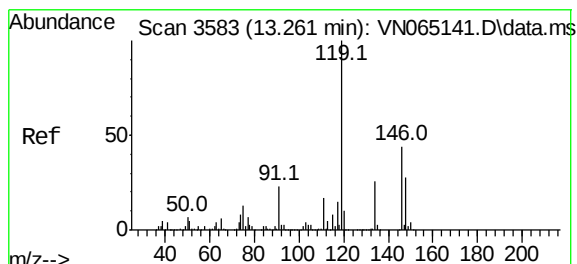
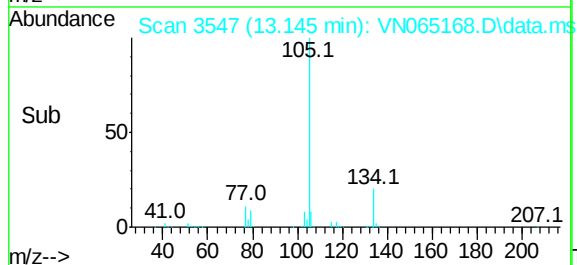
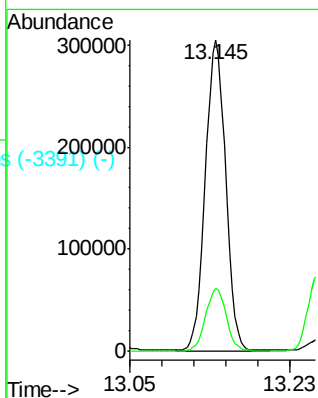
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1216WBSD01

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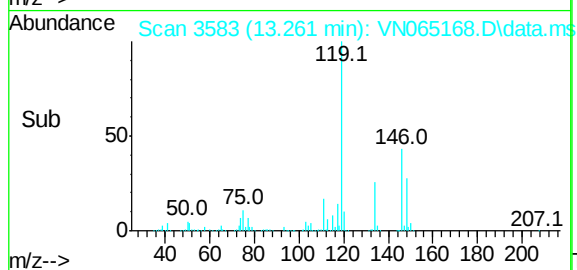
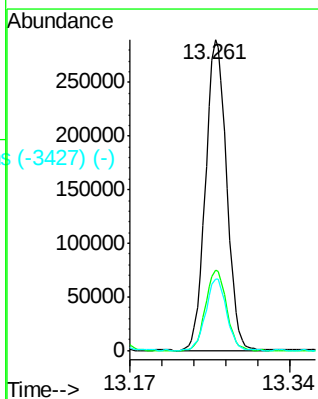
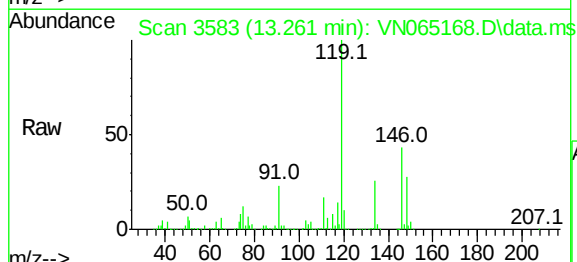


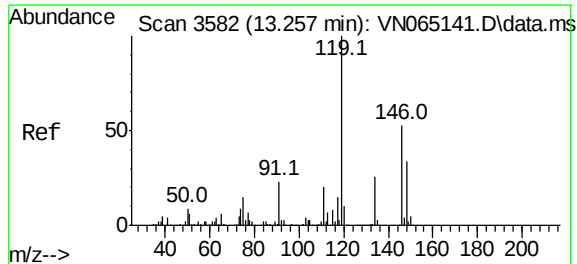
Tgt Ion:105 Resp: 491029  
 Ion Ratio Lower Upper  
 105 100  
 134 20.1 0.0 37.8



#3370 (-)  
 p-Isopropyltoluene  
 Concen: 18.30 ug/l  
 RT: 13.261 min Scan# 3583  
 Delta R.T. 0.000 min  
 Lab File: VN065168.D  
 Acq: 16 Dec 2020 11:37

Tgt Ion:119 Resp: 455225  
 Ion Ratio Lower Upper  
 119 100  
 134 25.7 0.0 53.0  
 91 22.8 0.0 53.2





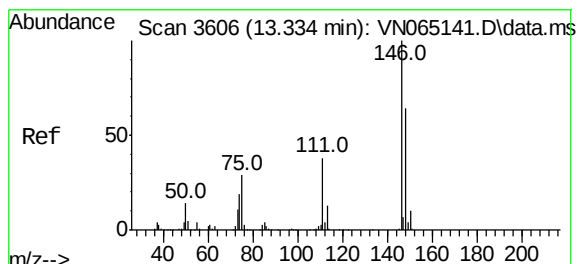
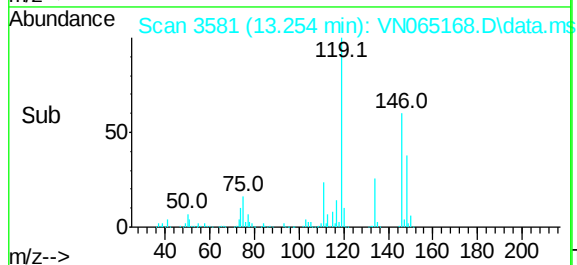
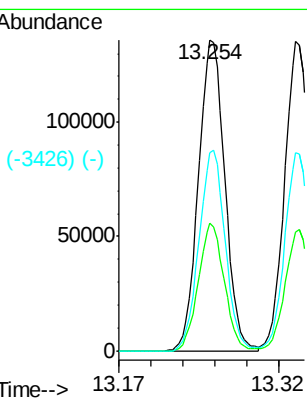
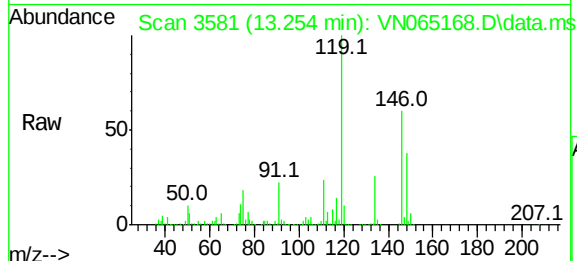
1,3-Dichlorobenzene  
Concen: 17.80 ug/l  
RT: 13.254 min Scan# 3581  
Delta R.T. -0.003 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 231801 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 111      | 40.0  | 22.3  | 66.9   |
| 148      | 64.0  | 31.8  | 95.3   |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01

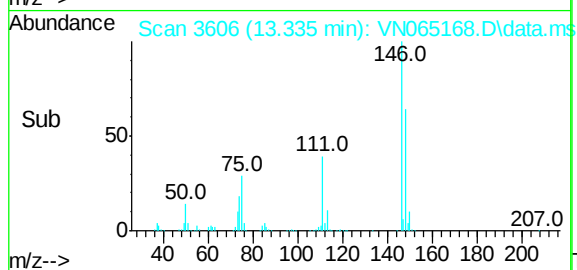
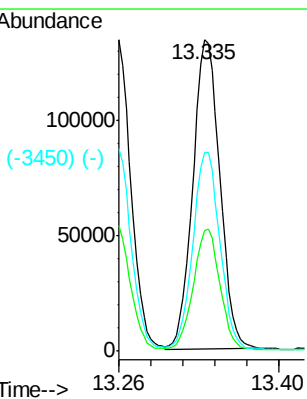
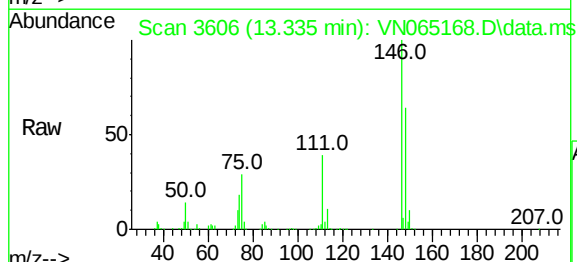
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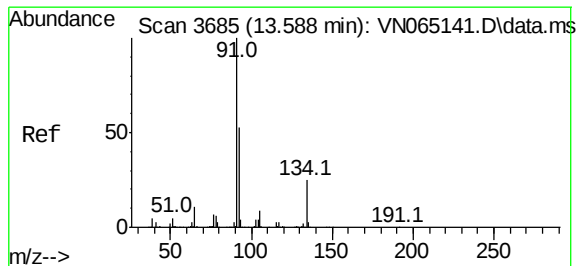
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1,4-Dichlorobenzene  
Concen: 16.59 ug/l  
RT: 13.335 min Scan# 3606  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 226272 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 111      | 38.2  | 21.8  | 65.4   |
| 148      | 64.7  | 31.5  | 94.5   |





#3672 (-)  
n-Butylbenzene  
Concen: 16.35 ug/l  
RT: 13.589 min Scan# 3685  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

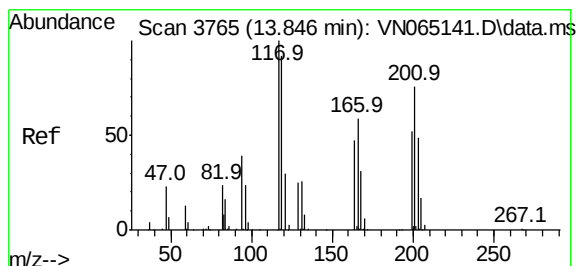
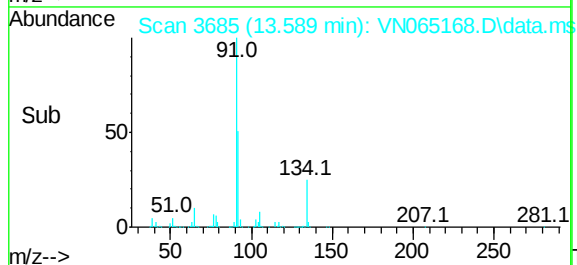
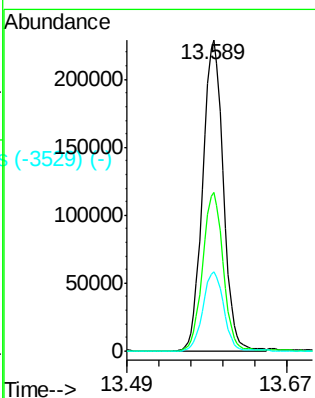
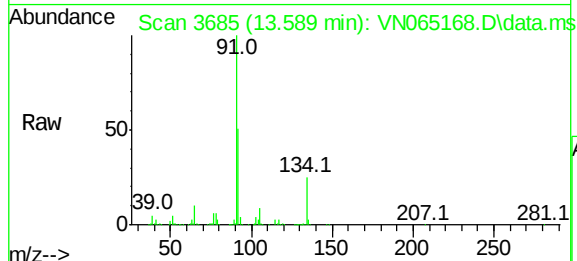
Tgt Ion: 91 Resp: 358763

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 51.2  | 0.0   | 101.4 |
| 134 | 25.8  | 0.0   | 45.2  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01

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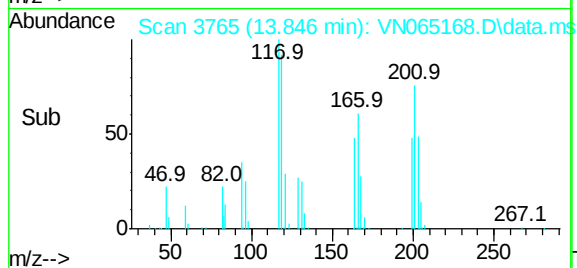
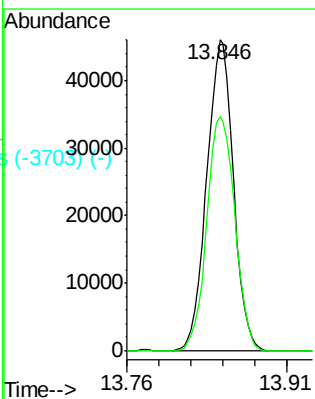
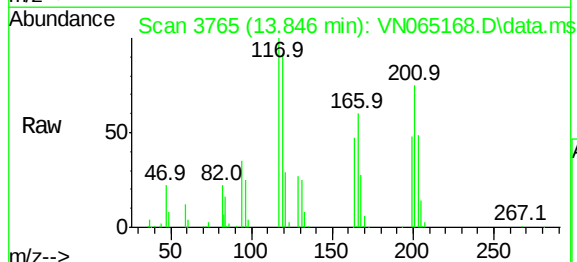
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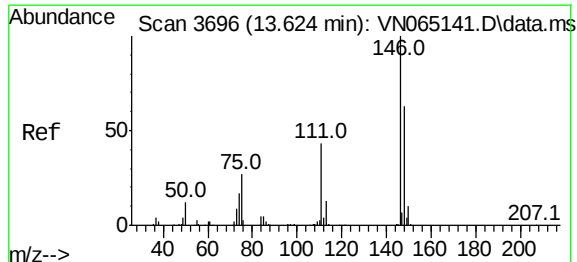


#3673 (-)  
Hexachloroethane  
Concen: 16.02 ug/l  
RT: 13.846 min Scan# 3765  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

Tgt Ion: 117 Resp: 76570

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 79.4  | 33.1  | 99.3  |



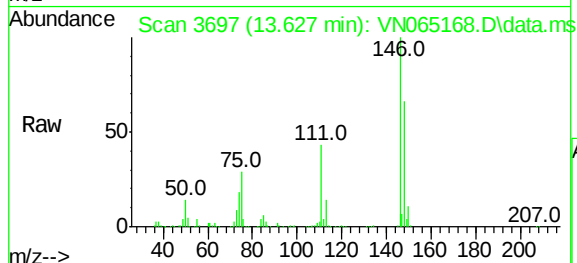


#3682 (-)  
1,2-Dichlorobenzene  
Concen: 16.78 ug/l  
RT: 13.627 min Scan# 3697  
Delta R.T. 0.003 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

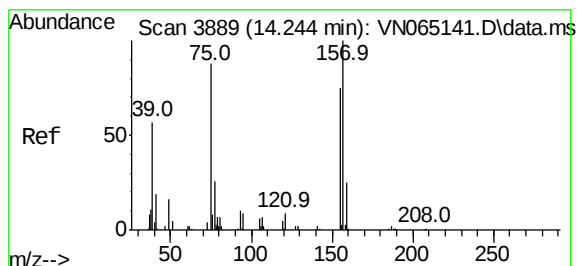
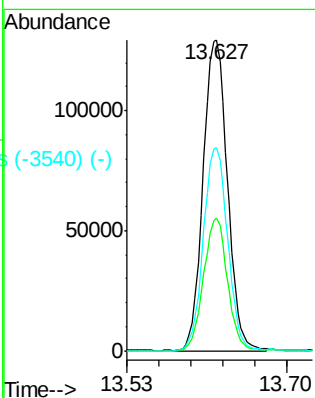
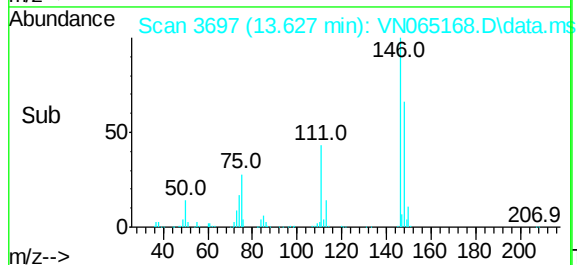
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01

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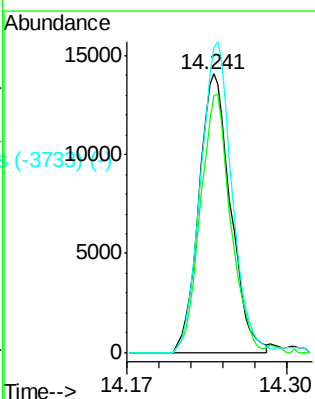
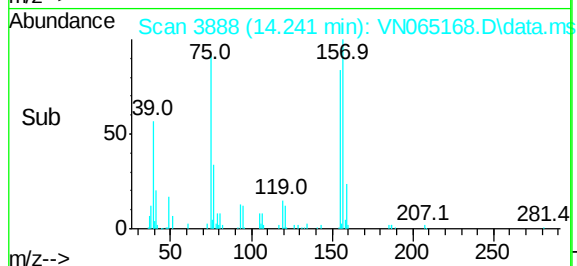
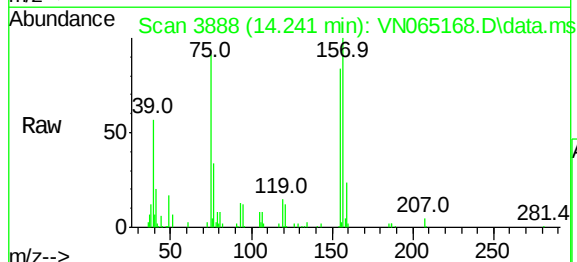


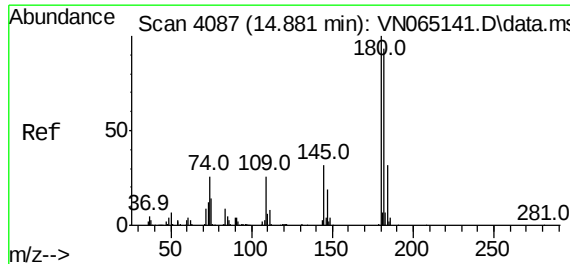
Tgt Ion:146 Resp: 226826  
Ion Ratio Lower Upper  
146 100  
111 42.1 23.1 69.2  
148 65.4 32.6 97.8



#3687 (-)  
1,2-Dibromo-3-Chloropropane  
Concen: 15.50 ug/l  
RT: 14.241 min Scan# 3888  
Delta R.T. -0.003 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

Tgt Ion: 75 Resp: 24670  
Ion Ratio Lower Upper  
75 100  
155 88.7 56.5 84.7#  
157 110.5 69.7 104.5#





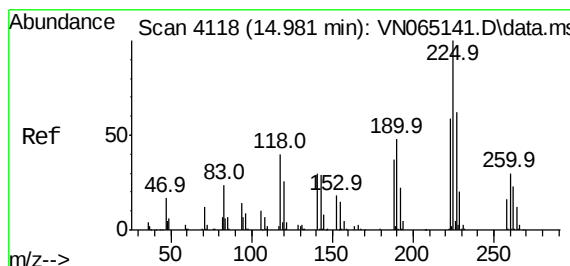
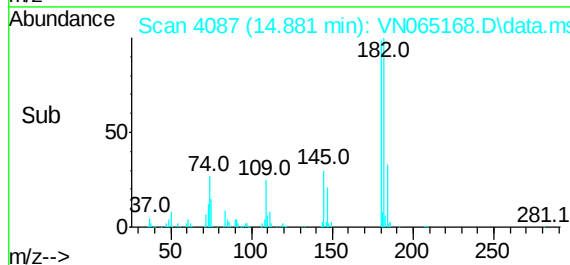
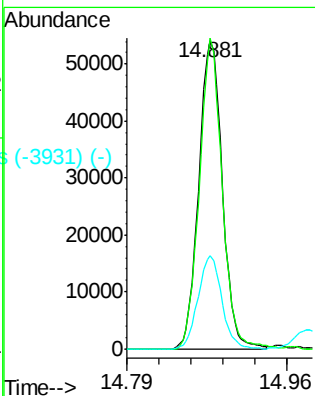
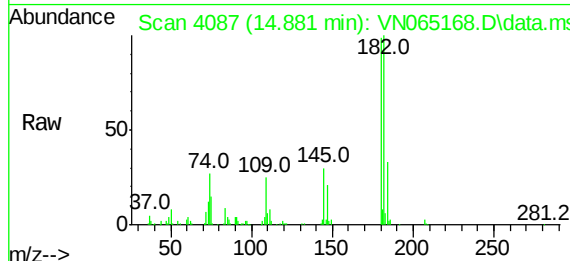
1,2,4-Trichlorobenzene  
Concen: 15.05 ug/l  
RT: 14.881 min Scan# 4087  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 91596 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 97.4  | 79.4  | 119.0 |
| 145       | 30.5  | 27.6  | 41.4  |

Instrument :  
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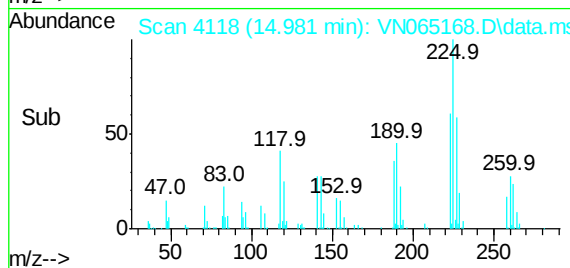
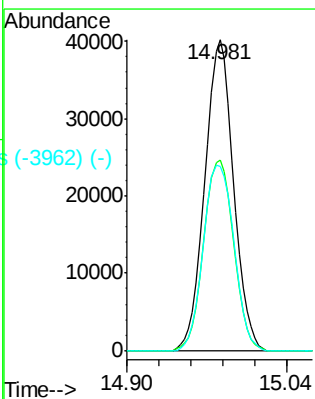
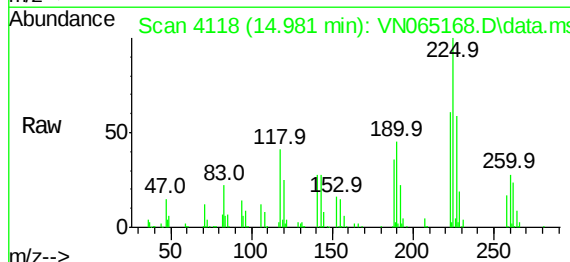
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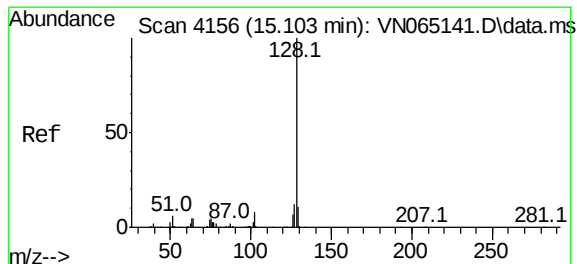
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Hexachlorobutadiene  
Concen: 16.83 ug/l  
RT: 14.981 min Scan# 4118  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 64652 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 64.3  | 0.0   | 125.4 |
| 227       | 63.9  | 0.0   | 122.0 |



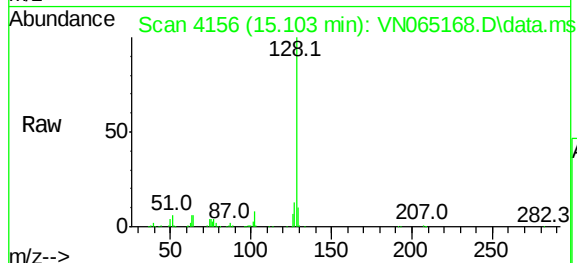


#4142 (-)  
Naphthalene  
Concen: 14.45 ug/l  
RT: 15.103 min Scan# 4156  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

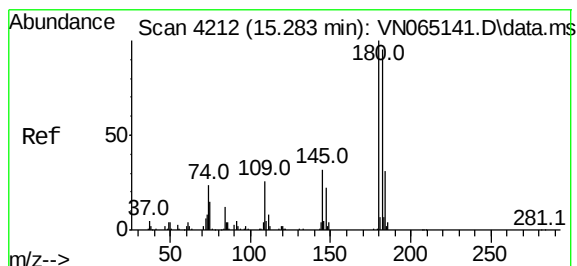
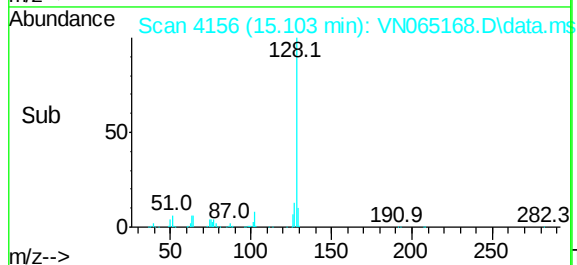
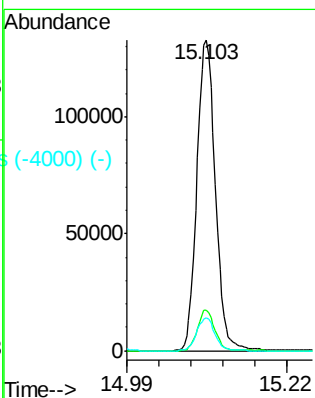
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1216WBSD01

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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 248142 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 127      | 12.2  | 10.2  | 15.4   |
| 129      | 10.4  | 8.5   | 12.7   |



#4219 (-)  
1,2,3-Trichlorobenzene  
Concen: 16.06 ug/l  
RT: 15.283 min Scan# 4212  
Delta R.T. 0.000 min  
Lab File: VN065168.D  
Acq: 16 Dec 2020 11:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 92083 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 92.6  | 0.0   | 186.0 |
| 145      | 31.8  | 0.0   | 69.6  |

