

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN121620\  
 Data File : VN065160.D  
 Acq On : 15 Dec 2020 23:18  
 Operator : JC/MD  
 Sample : VSTDIC100  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

Manual Integrations  
 APPROVED

MMDadoda  
 12/22/2020 11:17:02 AM

Quant Time: Dec 16 08:13:46 2020  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121620w.M  
 Quant Title : Sw846 8260  
 QLast Update : Wed Dec 16 08:10:37 2020  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 7.624  | 168  | 419942   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.550  | 114  | 668092   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.380 | 117  | 652569   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.315 | 152  | 346764   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |          |
|---------------------------|--------|-------|----------|----------|------|----------|
| 33) 1,2-Dichloroethane-d4 | 7.984  | 65    | 610825   | 125.34   | ug/l | 0.00     |
| Spiked Amount             | 50.000 | Range | 61 - 141 | Recovery | =    | 250.68%# |
| 35) Dibromofluoromethane  | 7.547  | 113   | 481223   | 107.10   | ug/l | 0.00     |
| Spiked Amount             | 50.000 | Range | 69 - 133 | Recovery | =    | 214.20%# |
| 50) Toluene-d8            | 10.058 | 98    | 1841506  | 111.53   | ug/l | 0.00     |
| Spiked Amount             | 50.000 | Range | 65 - 126 | Recovery | =    | 223.06%# |
| 62) 4-Bromofluorobenzene  | 12.373 | 95    | 717140   | 124.18   | ug/l | 0.00     |
| Spiked Amount             | 50.000 | Range | 58 - 135 | Recovery | =    | 248.36%# |

## Target Compounds

|                              |       |     |         |         |      | Qvalue |
|------------------------------|-------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane   | 1.830 | 85  | 505121  | 122.45  | ug/l | 97     |
| 3) Chloromethane             | 2.036 | 50  | 594532  | 143.19  | ug/l | 99     |
| 4) Vinyl Chloride            | 2.161 | 62  | 738949  | 191.16  | ug/l | 98     |
| 5) Bromomethane              | 2.509 | 94  | 518892  | 208.68  | ug/l | 98     |
| 6) Chloroethane              | 2.660 | 64  | 469530  | 225.23  | ug/l | 99     |
| 7) Trichlorofluoromethane    | 2.981 | 101 | 1112720 | 161.06  | ug/l | 99     |
| 8) Diethyl Ether             | 3.374 | 74  | 371271  | 173.74  | ug/l | 98     |
| 9) 1,1,2-Trichlorotrifluo... | 3.718 | 101 | 532161  | 140.23  | ug/l | 98     |
| 10) Methyl Iodide            | 3.910 | 142 | 684065  | 137.86  | ug/l | 97     |
| 11) Tert butyl alcohol       | 4.730 | 59  | 337055  | 602.27  | ug/l | 99     |
| 12) 1,1-Dichloroethene       | 3.695 | 96  | 539712  | 149.28  | ug/l | 98     |
| 13) Acrolein                 | 3.563 | 56  | 380646  | 1086.53 | ug/l | 97     |
| 14) Allyl chloride           | 4.277 | 41  | 628417  | 112.05  | ug/l | 97     |
| 15) Acrylonitrile            | 4.927 | 53  | 964635  | 593.11  | ug/l | 99     |
| 16) Acetone                  | 3.772 | 43  | 1040818 | 633.61  | ug/l | 94     |
| 17) Carbon Disulfide         | 4.010 | 76  | 1300575 | 128.96  | ug/l | 98     |
| 18) Methyl Acetate           | 4.274 | 43  | 380148  | 101.83  | ug/l | 98     |
| 19) Methyl tert-butyl Ether  | 4.988 | 73  | 1400424 | 130.83  | ug/l | 99     |
| 20) Methylene Chloride       | 4.502 | 84  | 456419  | 92.93   | ug/l | 99     |
| 21) trans-1,2-Dichloroethene | 4.988 | 96  | 453885  | 117.33  | ug/l | 100    |
| 22) Diisopropyl ether        | 5.898 | 45  | 1476883 | 127.97  | ug/l | 97     |
| 23) Vinyl Acetate            | 5.843 | 43  | 6303118 | 646.28  | ug/l | 100    |
| 24) 1,1-Dichloroethane       | 5.798 | 63  | 840137  | 116.24  | ug/l | 99     |
| 25) 2-Butanone               | 6.782 | 43  | 1337532 | 557.17  | ug/l | 97     |
| 26) 2,2-Dichloropropane      | 6.775 | 77  | 743268  | 119.93  | ug/l | 96     |
| 27) cis-1,2-Dichloroethene   | 6.779 | 96  | 540090  | 116.22  | ug/l | 93     |
| 28) Bromochloromethane       | 7.148 | 49  | 382008  | 113.64  | ug/l | 93     |
| 29) Tetrahydrofuran          | 7.164 | 42  | 886848  | 596.04  | ug/l | 96     |
| 30) Chloroform               | 7.328 | 83  | 952507  | 122.82  | ug/l | 99     |
| 31) Cyclohexane              | 7.611 | 56  | 722022  | 111.59  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane    | 7.528 | 97  | 868393  | 126.27  | ug/l | 97     |
| 36) 1,1-Dichloropropene      | 7.753 | 75  | 689857  | 112.70  | ug/l | 99     |
| 37) Ethyl Acetate            | 6.878 | 43  | 580395  | 105.05  | ug/l | 97     |
| 38) Carbon Tetrachloride     | 7.734 | 117 | 790111  | 116.35  | ug/l | 99     |
| 39) Methylcyclohexane        | 9.045 | 83  | 788379  | 119.47  | ug/l | 99     |
| 40) Benzene                  | 8.000 | 78  | 2000755 | 108.58  | ug/l | 100    |
| 41) Methacrylonitrile        | 7.135 | 41  | 300814m | 107.16  | ug/l |        |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN121620\  
 Data File : VN065160.D  
 Acq On : 15 Dec 2020 23:18  
 Operator : JC/MD  
 Sample : VSTDICC100  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC100

Manual Integrations  
 APPROVED

MMDadoda  
 12/22/2020 11:17:02 AM

Quant Time: Dec 16 08:13:46 2020  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121620w.M  
 Quant Title : Sw846 8260  
 QLast Update : Wed Dec 16 08:10:37 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 42) 1,2-Dichloroethane        | 8.084  | 62   | 782018   | 120.41  | ug/l   | 94       |
| 43) Isopropyl Acetate         | 8.123  | 43   | 1009516  | 109.43  | ug/l   | 94       |
| 44) Trichloroethene           | 8.801  | 130  | 541652   | 98.88   | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.084  | 63   | 511440   | 102.20  | ug/l   | 98       |
| 46) Dibromomethane            | 9.174  | 93   | 381303   | 112.84  | ug/l   | 94       |
| 47) Bromodichloromethane      | 9.367  | 83   | 783488   | 115.21  | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.164  | 41   | 502559   | 117.79  | ug/l # | 83       |
| 49) 1,4-Dioxane               | 9.164  | 88   | 169377   | 2285.69 | ug/l # | 95       |
| 51) 4-Methyl-2-Pentanone      | 9.952  | 43   | 3095443  | 590.27  | ug/l   | 93       |
| 52) Toluene                   | 10.122 | 92   | 1332816  | 114.31  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.351 | 75   | 850646   | 122.59  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.807  | 75   | 881871   | 115.77  | ug/l # | 89       |
| 55) 1,1,2-Trichloroethane     | 10.531 | 97   | 518858   | 112.24  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.399 | 69   | 758577   | 129.20  | ug/l # | 84       |
| 57) 1,3-Dichloropropane       | 10.676 | 76   | 862398   | 113.82  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.663  | 63   | 1779664  | 595.17  | ug/l   | 100      |
| 59) 2-Hexanone                | 10.721 | 43   | 2283776  | 620.73  | ug/l   | 92       |
| 60) Dibromochloromethane      | 10.872 | 129  | 643518   | 119.34  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 10.975 | 107  | 548283   | 113.69  | ug/l   | 97       |
| 64) Tetrachloroethene         | 10.602 | 164  | 551447   | 88.20   | ug/l   | 97       |
| 65) Chlorobenzene             | 11.405 | 112  | 1469088  | 106.44  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.479 | 131  | 584751   | 107.36  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.483 | 91   | 2691911  | 117.29  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.592 | 106  | 2064647  | 230.87  | ug/l   | 98       |
| 69) o-Xylene                  | 11.920 | 106  | 981879   | 117.57  | ug/l   | 95       |
| 70) Styrene                   | 11.936 | 104  | 1692112  | 124.37  | ug/l   | 97       |
| 71) Bromoform                 | 12.100 | 173  | 443336   | 102.80  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.222 | 105  | 2691512  | 117.59  | ug/l   | 99       |
| 74) N-ethyl acetate           | 12.042 | 43   | 983324   | 113.18  | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane | 12.476 | 83   | 730458   | 105.50  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.528 | 75   | 707636m  | 109.43  | ug/l   |          |
| 77) Bromobenzene              | 12.499 | 156  | 654244   | 102.67  | ug/l   | 95       |
| 78) n-propylbenzene           | 12.563 | 91   | 3080452  | 118.85  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.646 | 91   | 1822139  | 113.32  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.704 | 105  | 2333131  | 122.27  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.274 | 75   | 256851   | 113.42  | ug/l   | 90       |
| 82) 4-Chlorotoluene           | 12.746 | 91   | 1933509  | 118.58  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 12.965 | 119  | 1983544  | 124.83  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.013 | 105  | 2366732  | 123.26  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.145 | 105  | 2614841  | 126.90  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.261 | 119  | 2458874  | 130.36  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.254 | 146  | 1207640  | 106.17  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.335 | 146  | 1183830  | 101.58  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.585 | 91   | 2065895  | 131.43  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.846 | 117  | 427271   | 116.88  | ug/l   | 90       |
| 91) 1,2-Dichlorobenzene       | 13.627 | 146  | 1148990  | 105.27  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.241 | 75   | 153080   | 112.18  | ug/l   | 89       |
| 93) 1,2,4-Trichlorobenzene    | 14.881 | 180  | 589355   | 113.65  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 14.981 | 225  | 309853   | 88.38   | ug/l   | 98       |
| 95) Naphthalene               | 15.100 | 128  | 1754460  | 128.64  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.280 | 180  | 547681   | 114.04  | ug/l   | 99       |

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

**Instrument :**

MSVOA\_N

**ClientSampleId :**

VSTDICC100

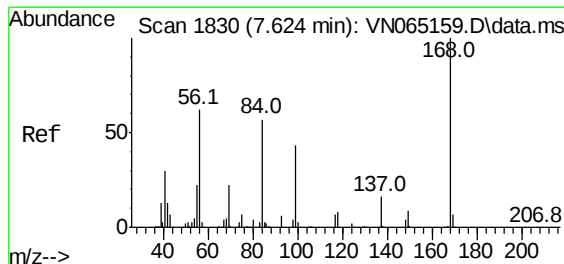
**Manual Integrations**

**APPROVED**

MMDadoda

12/22/2020 11:17:02 AM





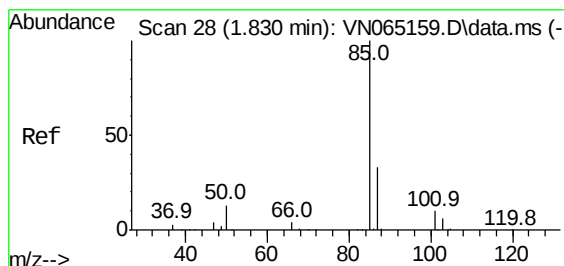
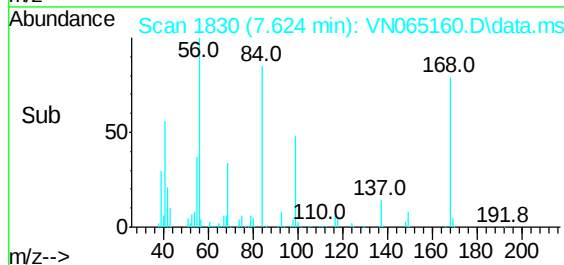
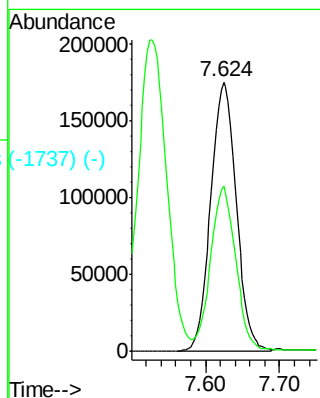
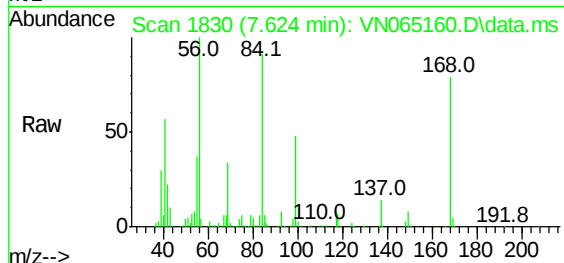
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Concen: 50.00 ug/l  
RT: 7.624 min Scan# 1830  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

Tgt Ion:168 Resp: 419942  
Ion Ratio Lower Upper  
168 100  
99 60.6 42.4 63.6

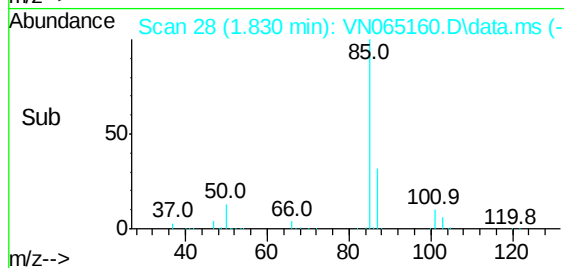
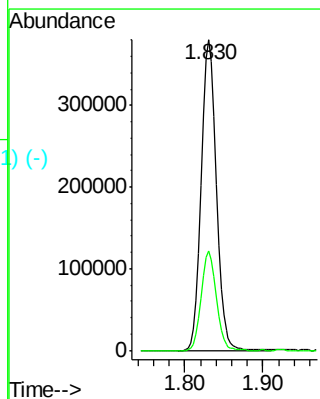
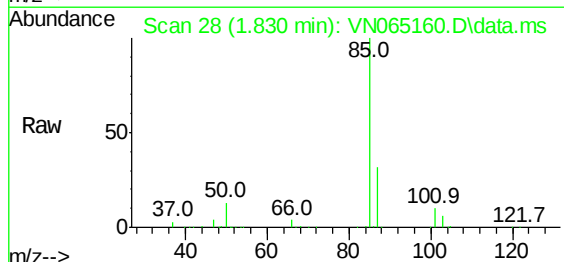
Manual Integrations  
APPROVED

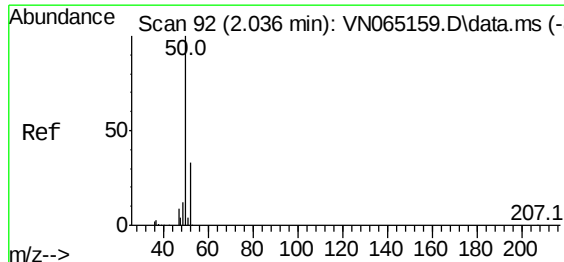
MMDadoda  
12/22/2020 11:17:02 AM



Dichlorodifluoromethane  
Concen: 122.45 ug/l  
RT: 1.830 min Scan# 28  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

Tgt Ion: 85 Resp: 505121  
Ion Ratio Lower Upper  
85 100  
87 32.0 16.7 50.1





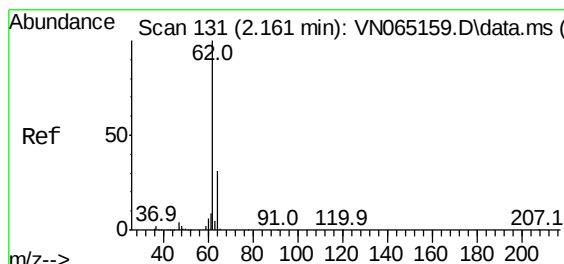
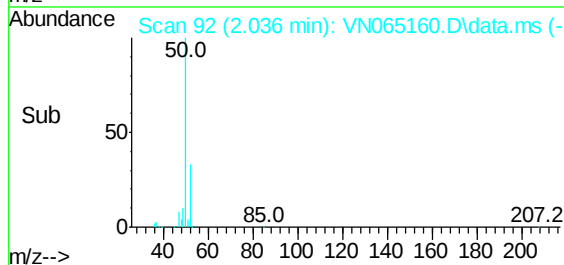
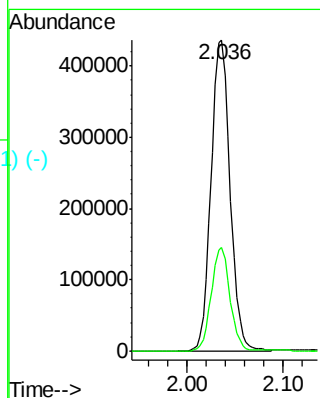
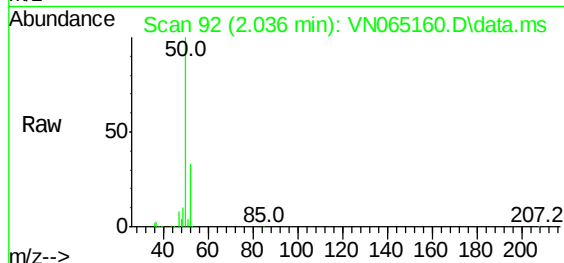
Chloromethane  
Concen: 143.19 ug/l  
RT: 2.036 min Scan# 92  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

Tgt Ion: 50 Resp: 594532  
Ion Ratio Lower Upper  
50 100  
52 33.2 26.3 39.5

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

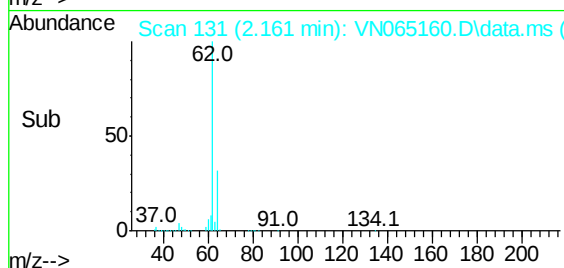
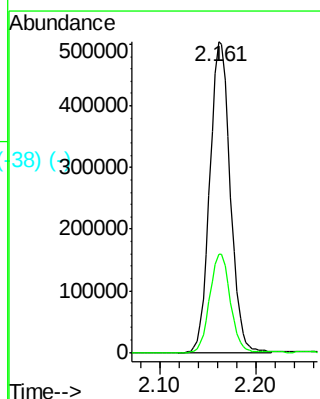
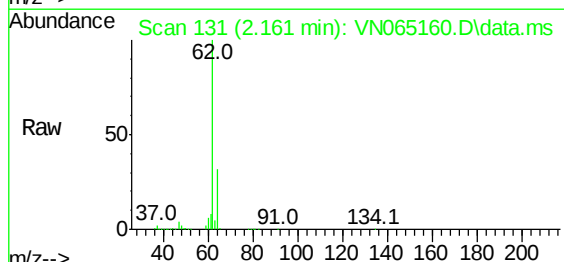
Manual Integrations  
APPROVED

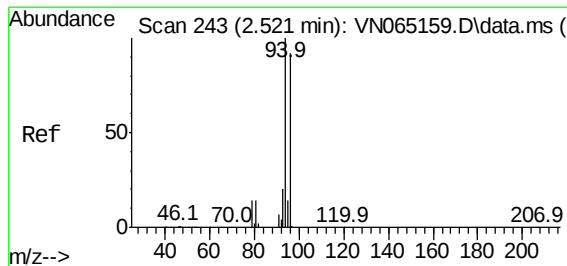
MMDadoda  
12/22/2020 11:17:02 AM



Vinyl Chloride  
Concen: 191.16 ug/l  
RT: 2.161 min Scan# 131  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

Tgt Ion: 62 Resp: 738949  
Ion Ratio Lower Upper  
62 100  
64 31.8 24.6 36.8





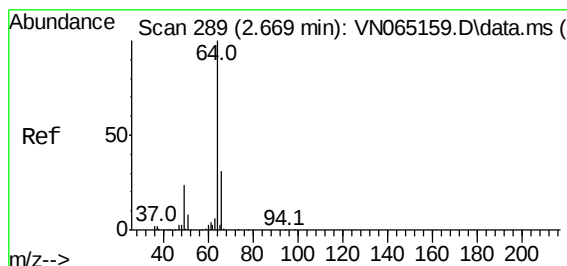
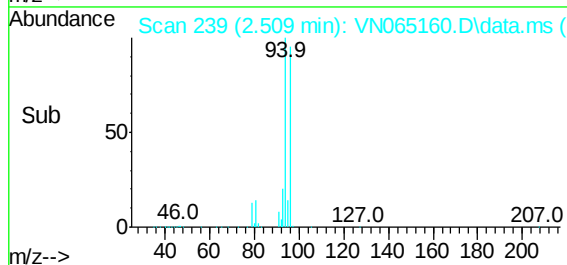
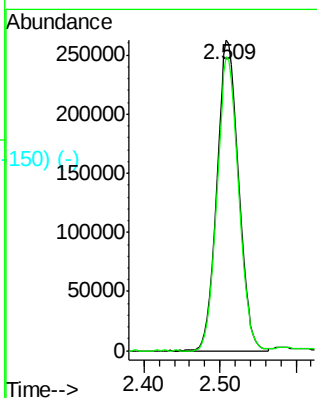
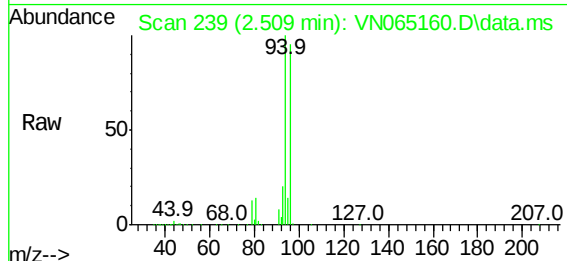
Bromomethane  
Concen: 208.68 ug/l  
RT: 2.509 min Scan# 239  
Delta R.T. -0.013 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

Tgt Ion: 94 Resp: 518892  
Ion Ratio Lower Upper  
94 100  
96 94.5 74.0 111.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

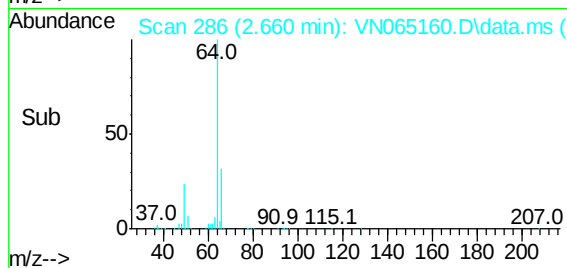
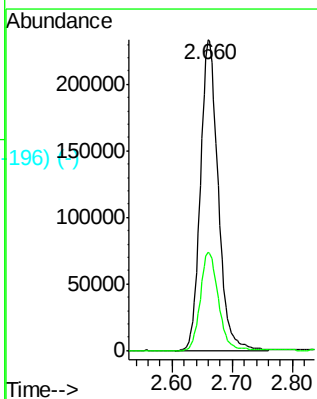
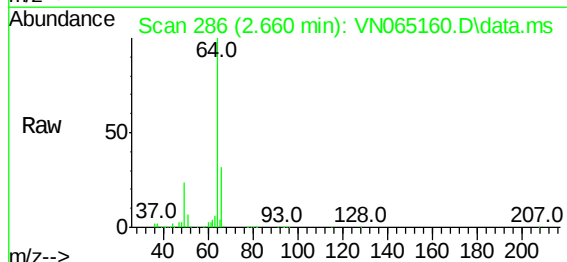
Manual Integrations  
APPROVED

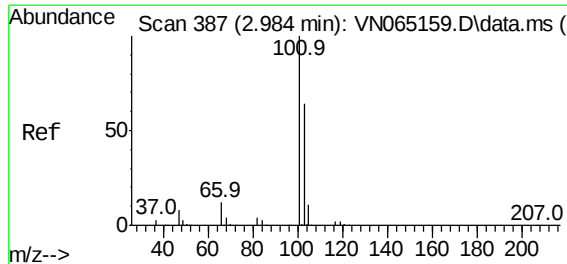
MMDadoda  
12/22/2020 11:17:02 AM



Chloroethane  
Concen: 225.23 ug/l  
RT: 2.660 min Scan# 286  
Delta R.T. -0.009 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

Tgt Ion: 64 Resp: 469530  
Ion Ratio Lower Upper  
64 100  
66 31.7 24.8 37.2





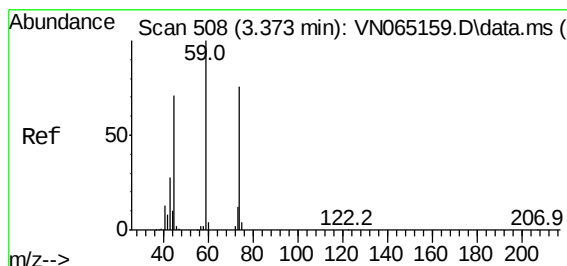
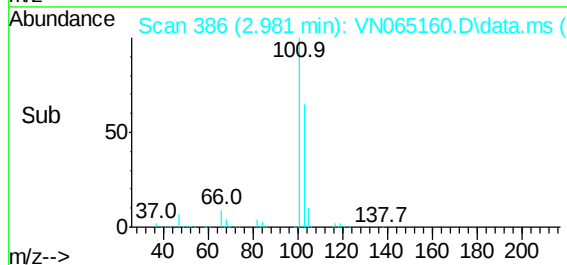
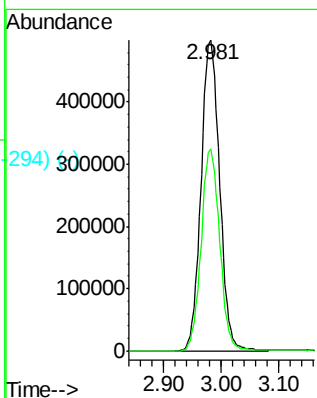
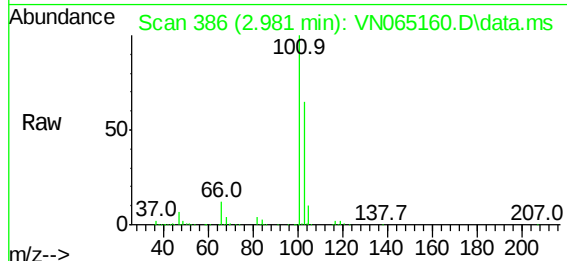
Trichlorofluoromethane  
 Concen: 161.06 ug/l  
 RT: 2.981 min Scan# 386  
 Delta R.T. -0.003 min  
 Lab File: VN065160.D  
 Acq: 15 Dec 2020 23:18

Tgt Ion:101 Resp: 1112720  
 Ion Ratio Lower Upper  
 101 100  
 103 64.8 51.4 77.2

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

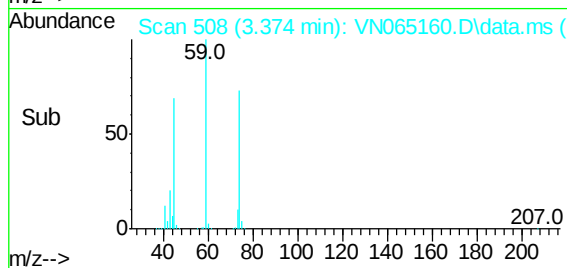
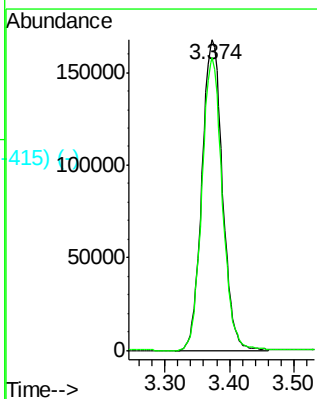
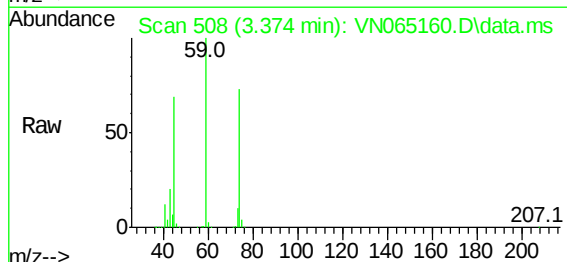
Manual Integrations  
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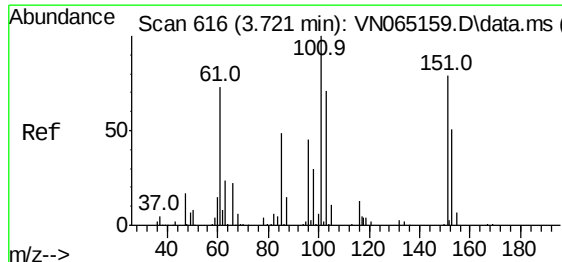
MMDadoda  
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Diethyl Ether  
 Concen: 173.74 ug/l  
 RT: 3.374 min Scan# 508  
 Delta R.T. 0.000 min  
 Lab File: VN065160.D  
 Acq: 15 Dec 2020 23:18

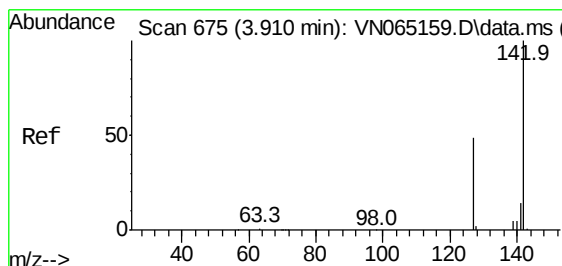
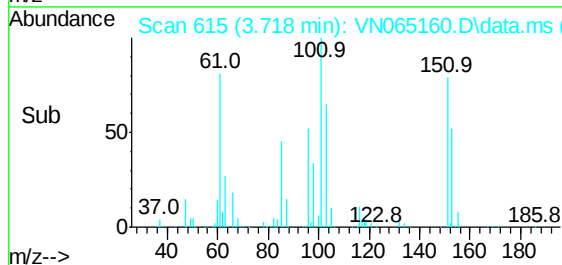
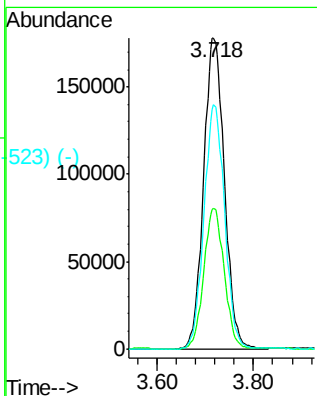
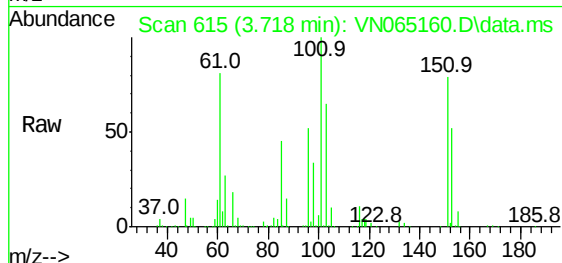
Tgt Ion: 74 Resp: 371271  
 Ion Ratio Lower Upper  
 74 100  
 45 93.9 46.0 137.8





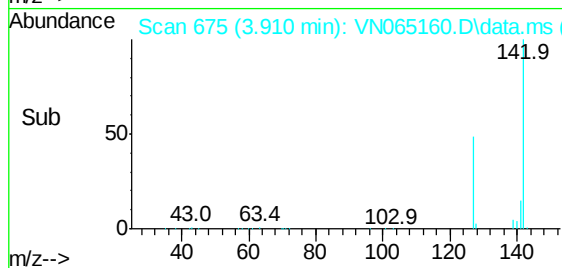
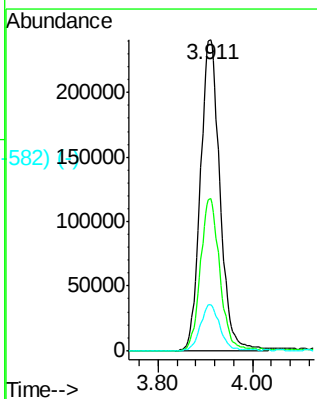
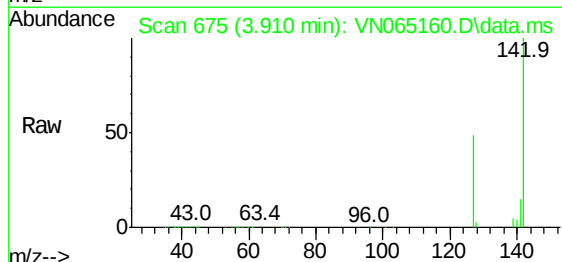
1,1,2-Trichlorotrifluoroethane  
Concen: 140.23 ug/l  
RT: 3.718 min Scan# 615  
Delta R.T. -0.003 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

Tgt Ion:101 Resp: 532161  
Ion Ratio Lower Upper  
101 100  
85 44.2 37.0 55.4  
151 78.2 61.1 91.7



Methyl Iodide  
Concen: 137.86 ug/l  
RT: 3.910 min Scan# 675  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

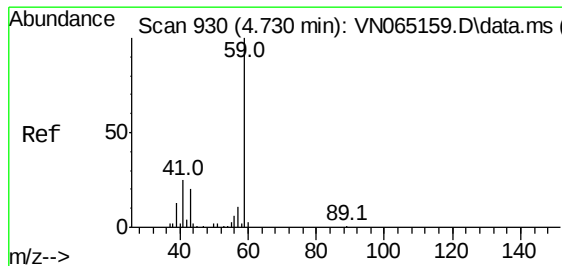
Tgt Ion:142 Resp: 684065  
Ion Ratio Lower Upper  
142 100  
127 48.3 40.6 61.0  
141 14.7 11.9 17.9



Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

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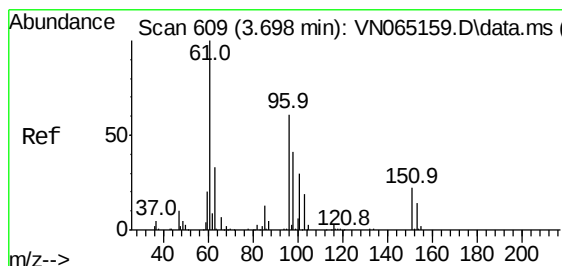
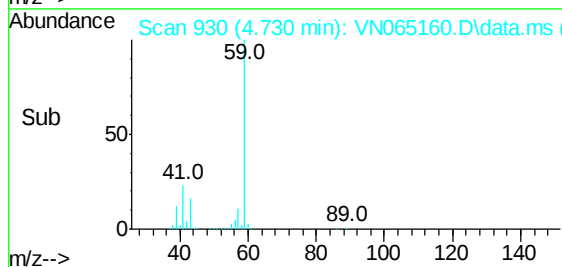
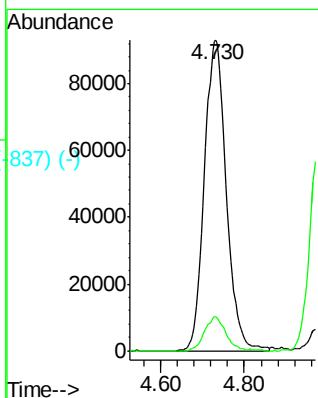
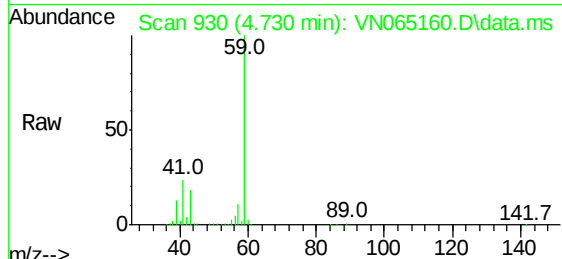
Tert butyl alcohol  
Concen: 602.27 ug/l  
RT: 4.730 min Scan# 930  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

Tgt Ion: 59 Resp: 337055  
Ion Ratio Lower Upper  
59 100  
57 10.5 8.8 13.2

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

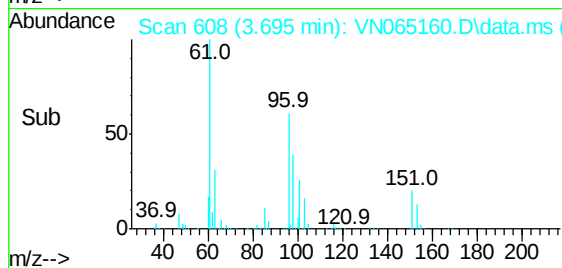
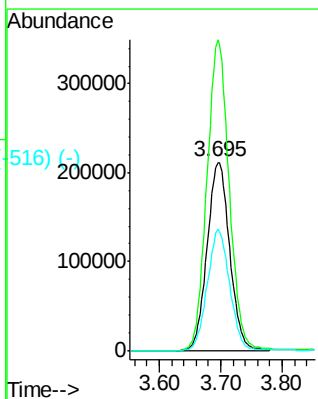
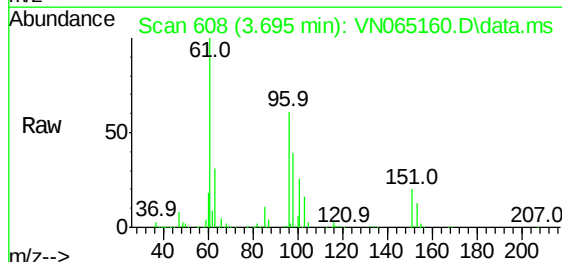
Manual Integrations  
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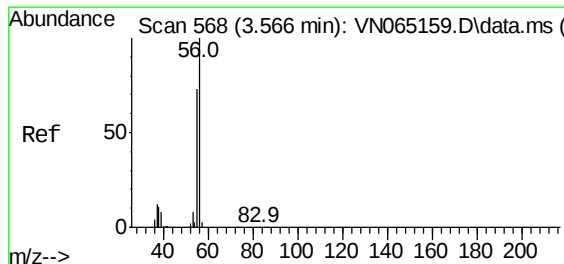
MMDadoda  
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1,1-Dichloroethene  
Concen: 149.28 ug/l  
RT: 3.695 min Scan# 608  
Delta R.T. -0.003 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

Tgt Ion: 96 Resp: 539712  
Ion Ratio Lower Upper  
96 100  
61 165.2 131.2 196.8  
98 64.2 53.5 80.3





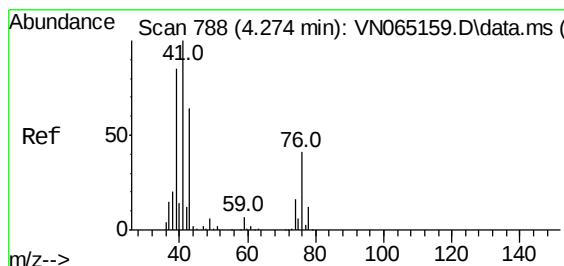
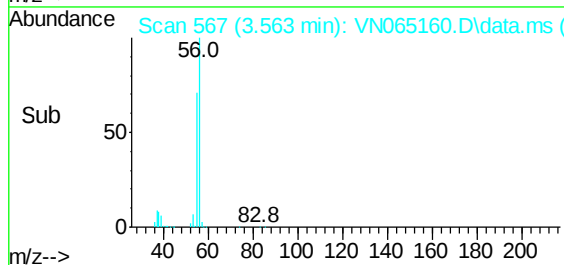
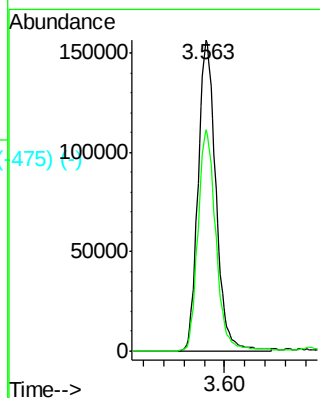
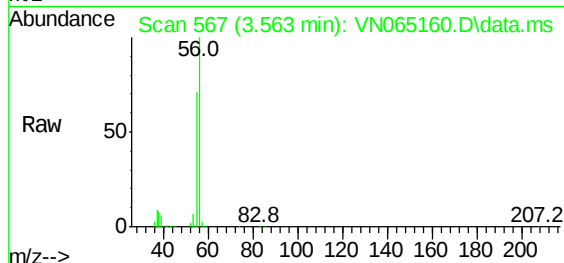
#18 (-)  
Acrolein  
Concen: 1086.53 ug/l  
RT: 3.563 min Scan# 567  
Delta R.T. -0.003 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

Tgt Ion: 56 Resp: 380646  
Ion Ratio Lower Upper  
56 100  
55 71.1 59.2 88.8

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

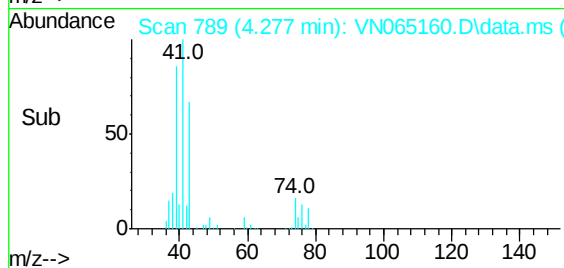
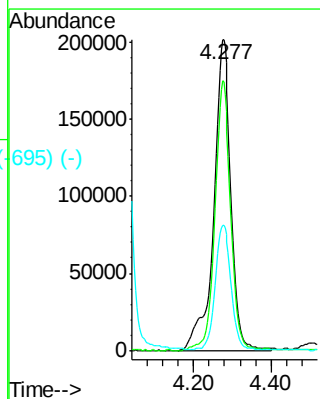
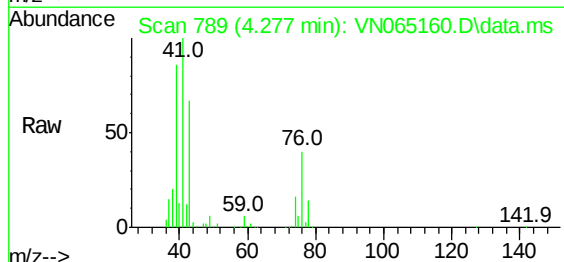
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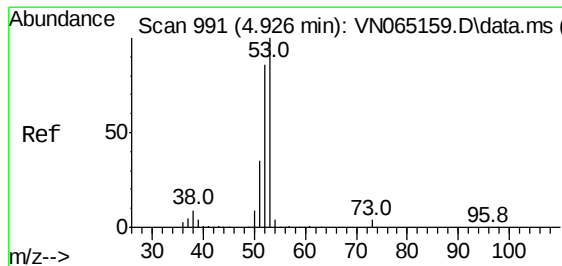
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#19 (-)  
Allyl chloride  
Concen: 112.05 ug/l  
RT: 4.277 min Scan# 789  
Delta R.T. 0.003 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

Tgt Ion: 41 Resp: 628417  
Ion Ratio Lower Upper  
41 100  
39 79.9 66.6 99.8  
76 36.9 30.0 45.0





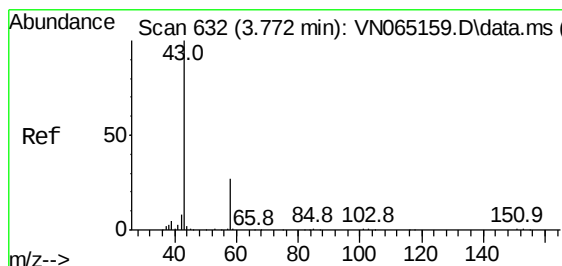
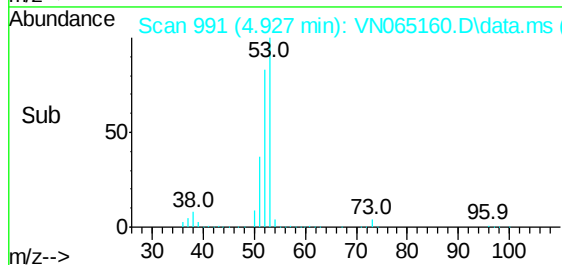
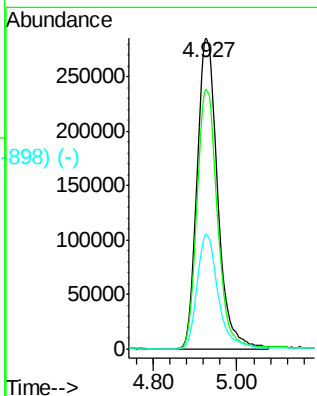
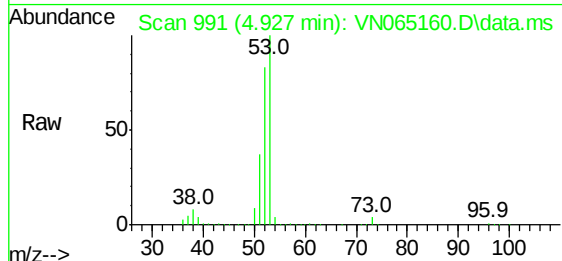
Acrylonitrile  
Concen: 593.11 ug/l  
RT: 4.927 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

Tgt Ion: 53 Resp: 964635  
Ion Ratio Lower Upper  
53 100  
52 82.8 67.3 100.9  
51 37.7 30.2 45.2

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

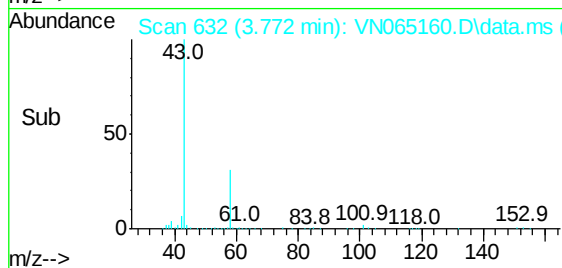
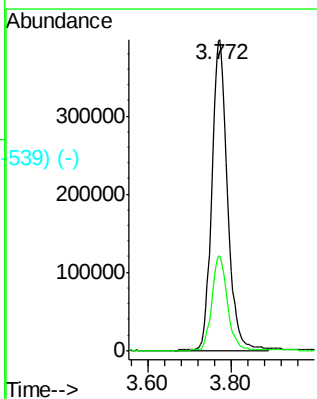
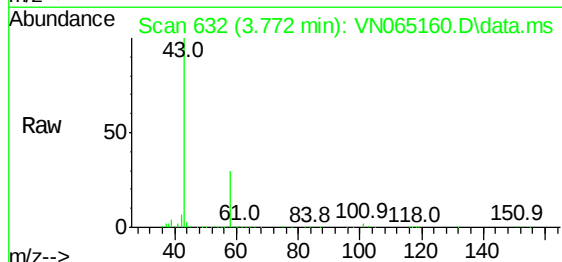
Manual Integrations  
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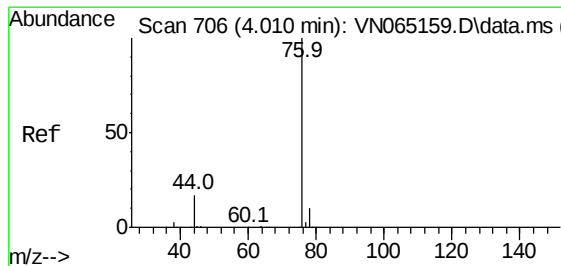
MMDadoda  
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Acetone  
Concen: 633.61 ug/l  
RT: 3.772 min Scan# 632  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

Tgt Ion: 43 Resp: 1040818  
Ion Ratio Lower Upper  
43 100  
58 30.4 21.9 32.9





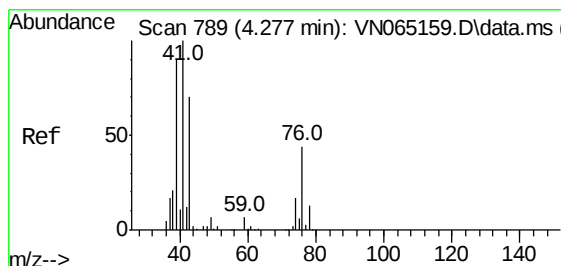
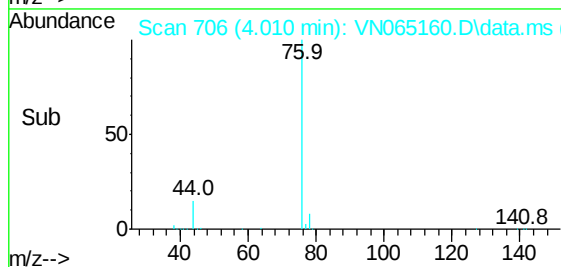
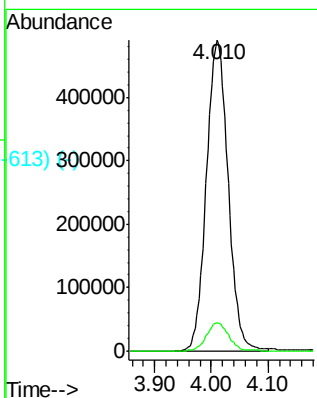
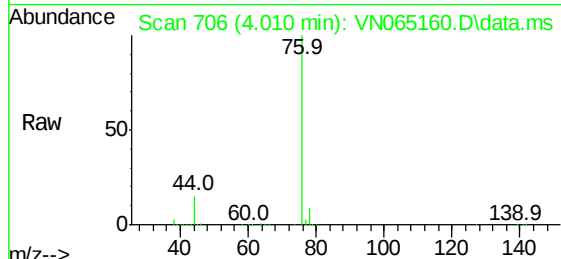
Carbon Disulfide  
Concen: 128.96 ug/l  
RT: 4.010 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

Tgt Ion: 76 Resp: 1300575  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.7 11.5

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

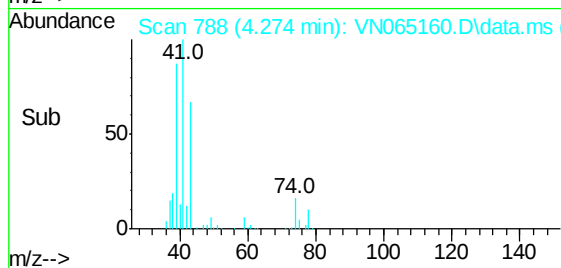
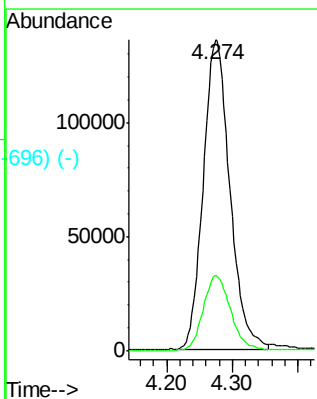
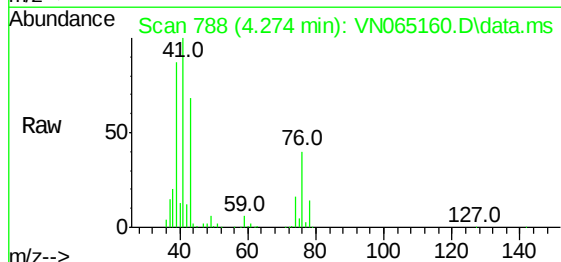
Manual Integrations  
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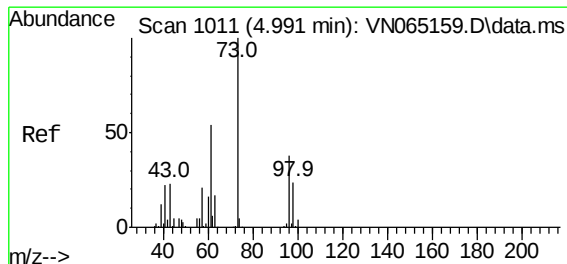
MMDadoda  
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Methyl Acetate  
Concen: 101.83 ug/l  
RT: 4.274 min Scan# 788  
Delta R.T. -0.003 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

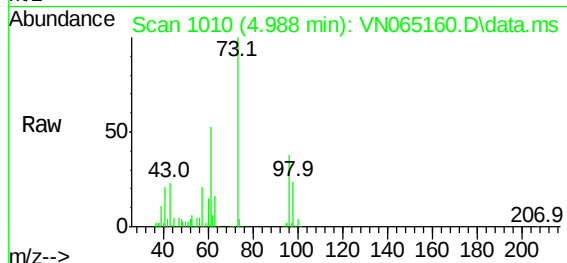
Tgt Ion: 43 Resp: 380148  
Ion Ratio Lower Upper  
43 100  
74 24.9 20.6 31.0





(-918) (-)  
Methyl tert-butyl Ether  
Concen: 130.83 ug/l  
RT: 4.988 min Scan# 1010  
Delta R.T. -0.003 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

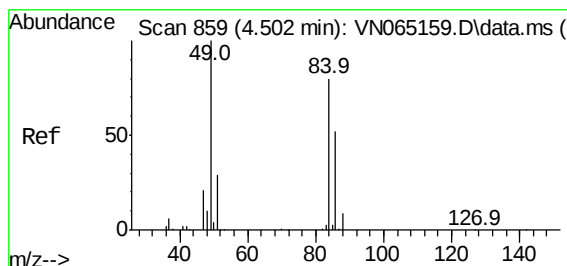
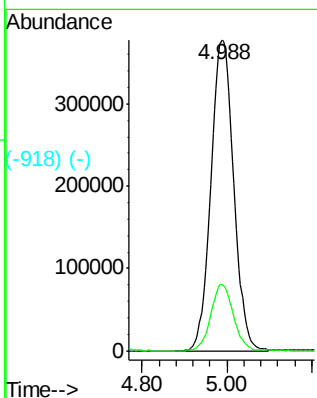
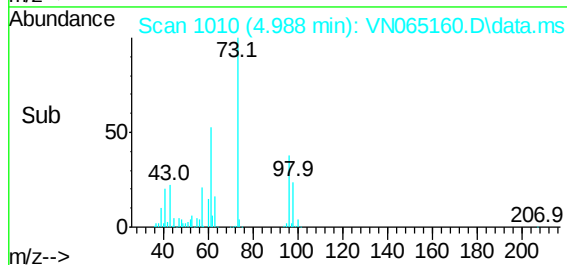
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100



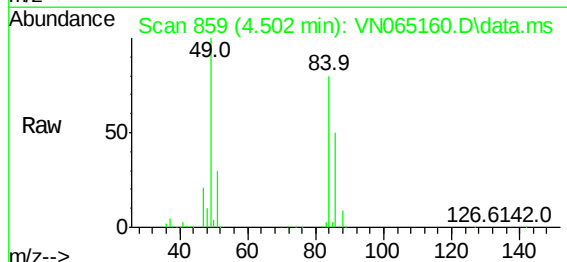
Tgt Ion: 73 Resp: 1400424  
Ion Ratio Lower Upper  
73 100  
57 21.4 16.9 25.3

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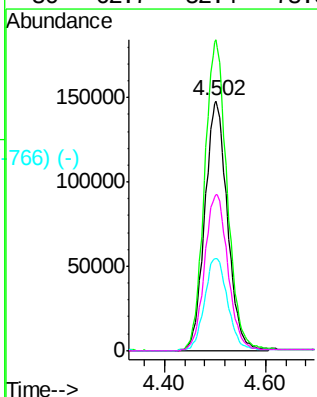
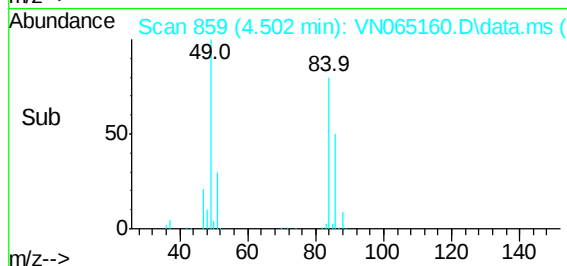
MMDadoda  
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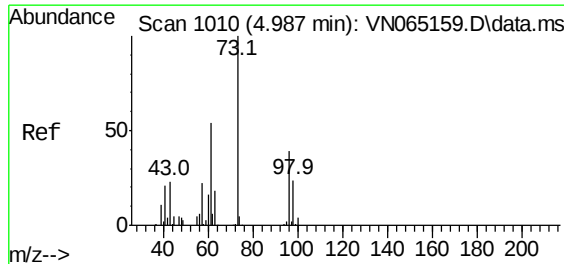


(-888) (-)  
Methylene Chloride  
Concen: 92.93 ug/l  
RT: 4.502 min Scan# 859  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18



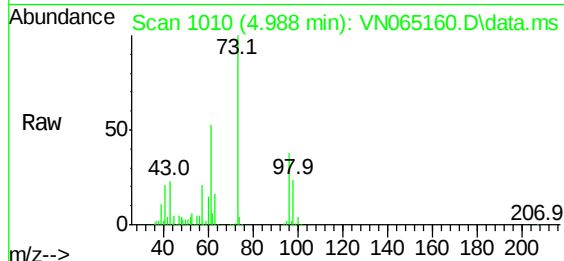
Tgt Ion: 84 Resp: 456419  
Ion Ratio Lower Upper  
84 100  
49 124.5 100.2 150.4  
51 37.1 29.5 44.3  
86 62.7 52.4 78.6





(-99) (-)  
trans-1,2-Dichloroethene  
Concen: 117.33 ug/l  
RT: 4.988 min Scan# 1010  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

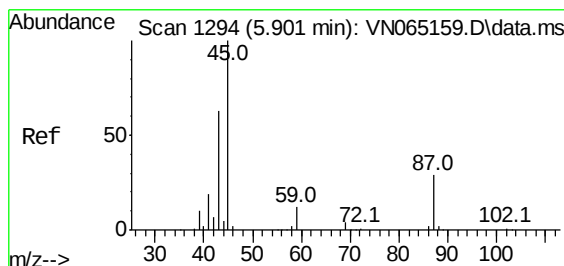
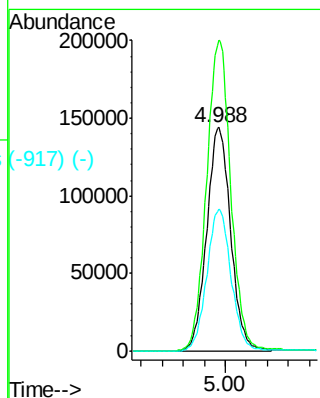
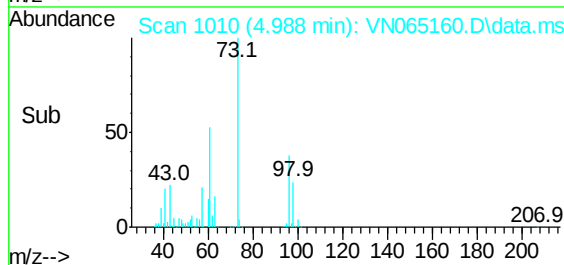
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100



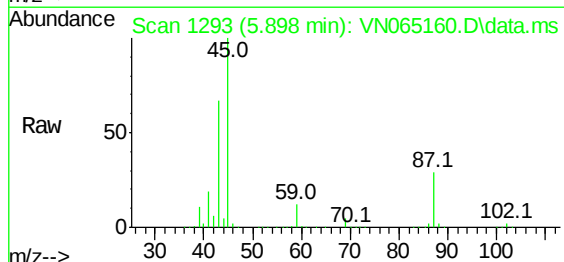
Tgt Ion: 96 Resp: 453885  
Ion Ratio Lower Upper  
96 100  
61 138.9 111.1 166.7  
98 63.7 50.2 75.2

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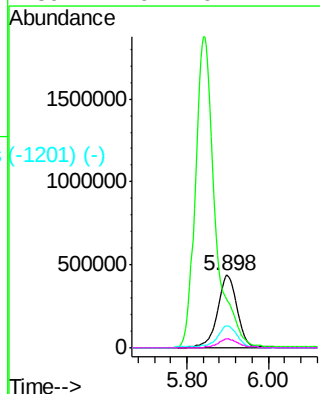
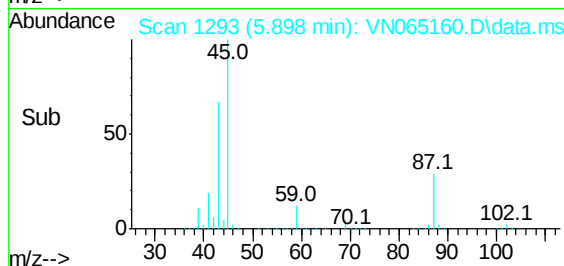
MMDadoda  
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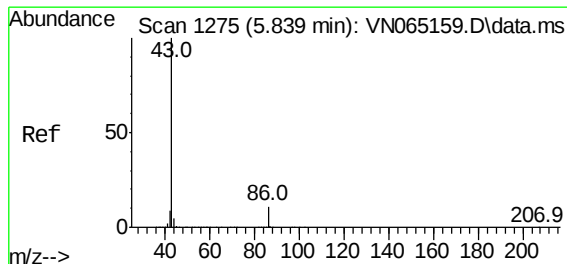


(-129) (-)  
Diisopropyl ether  
Concen: 127.97 ug/l  
RT: 5.898 min Scan# 1293  
Delta R.T. -0.003 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18



Tgt Ion: 45 Resp: 1476883  
Ion Ratio Lower Upper  
45 100  
43 66.2 50.3 75.5  
87 29.2 23.8 35.8  
59 11.6 9.4 14.2



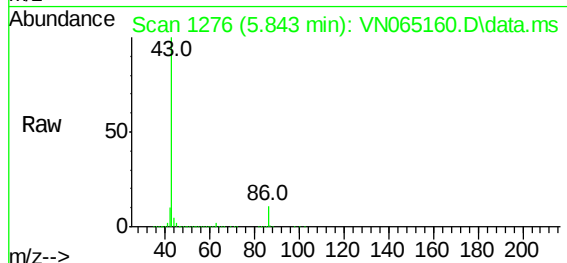


#229 (-)  
Vinyl Acetate  
Concen: 646.28 ug/l  
RT: 5.843 min Scan# 1276  
Delta R.T. 0.003 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

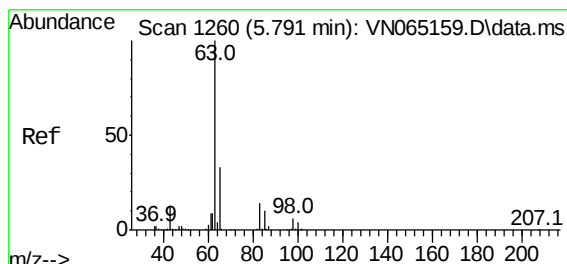
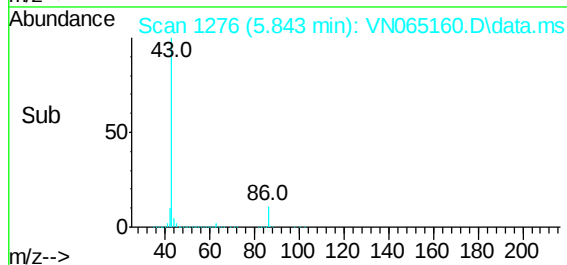
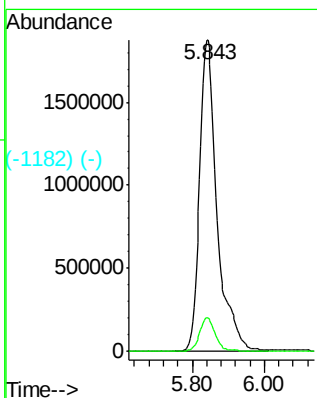
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

Manual Integrations  
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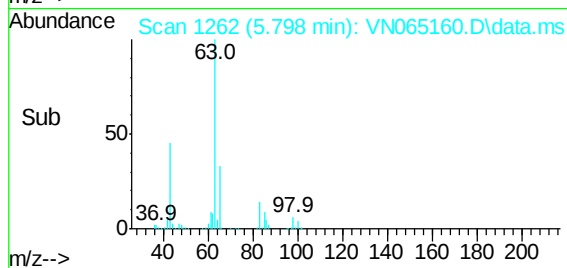
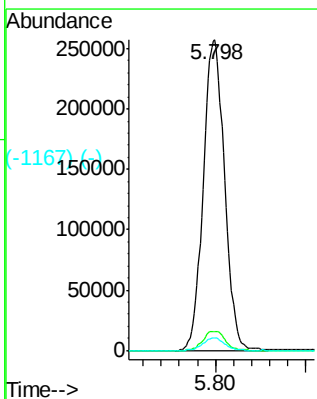
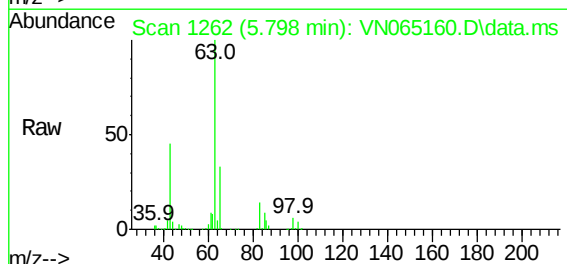


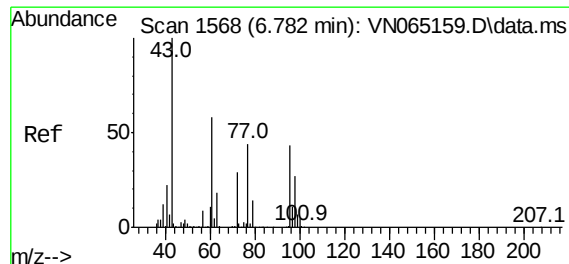
Tgt Ion: 43 Resp: 6303118  
Ion Ratio Lower Upper  
43 100  
86 10.7 8.4 12.6



#235 (-)  
1,1-Dichloroethane  
Concen: 116.24 ug/l  
RT: 5.798 min Scan# 1262  
Delta R.T. 0.007 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

Tgt Ion: 63 Resp: 840137  
Ion Ratio Lower Upper  
63 100  
98 6.2 2.9 8.7  
100 4.2 2.1 6.2



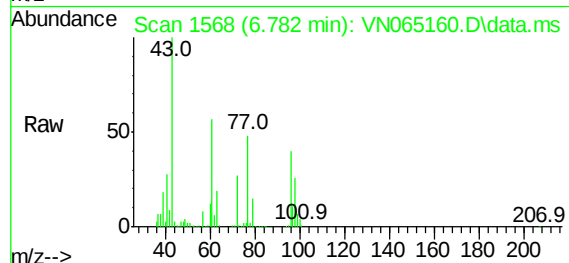


#156 (-)  
2-Butanone  
Concen: 557.17 ug/l  
RT: 6.782 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

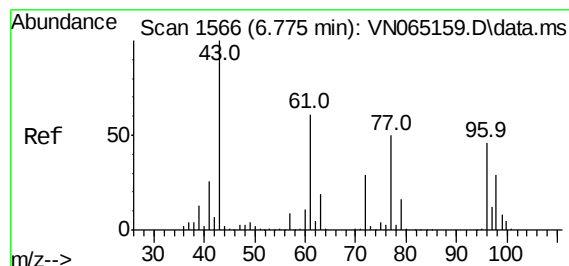
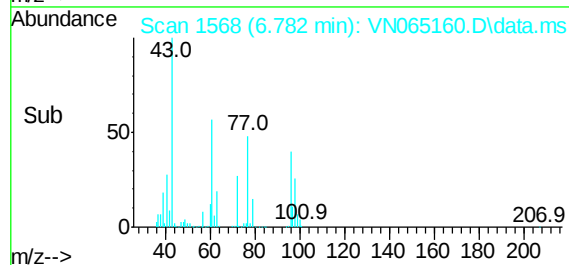
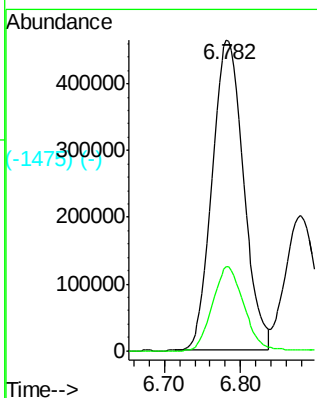
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

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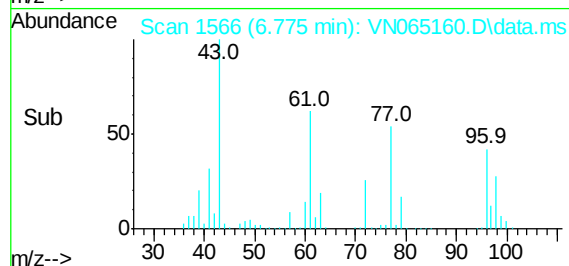
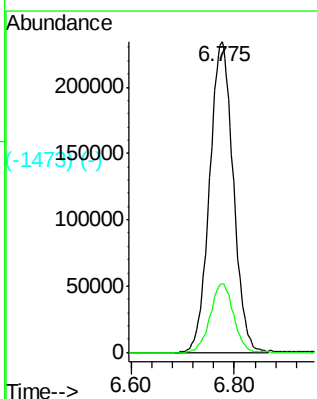
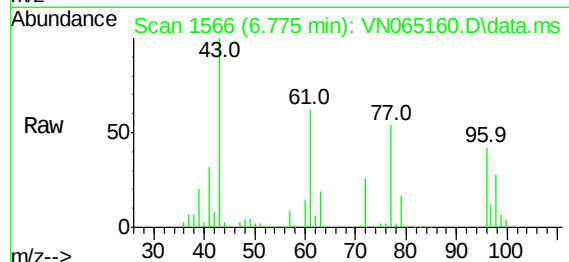


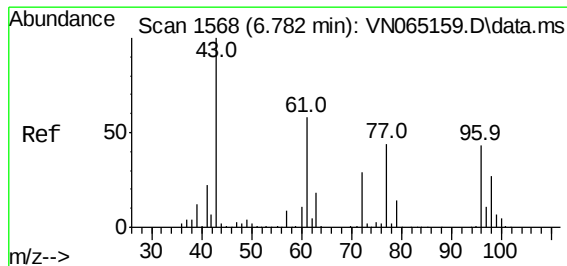
Tgt Ion: 43 Resp: 1337532  
Ion Ratio Lower Upper  
43 100  
72 27.0 23.1 34.7



#1561 (-)  
2,2-Dichloropropane  
Concen: 119.93 ug/l  
RT: 6.775 min Scan# 1566  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

Tgt Ion: 77 Resp: 743268  
Ion Ratio Lower Upper  
77 100  
97 21.9 11.9 35.9





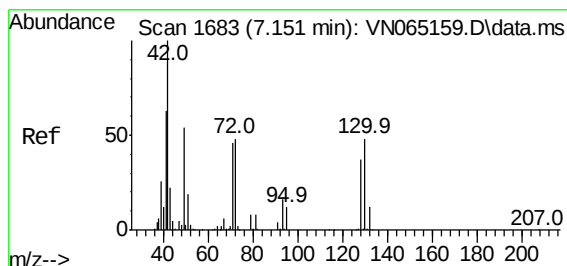
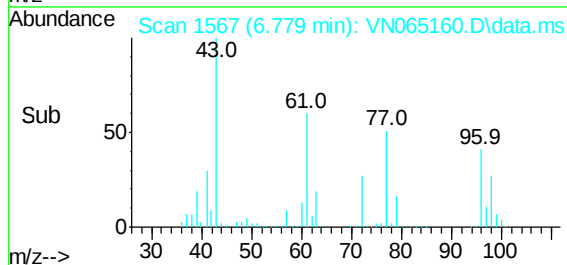
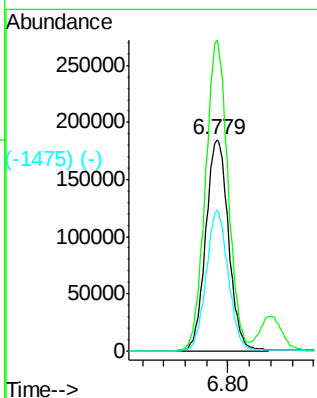
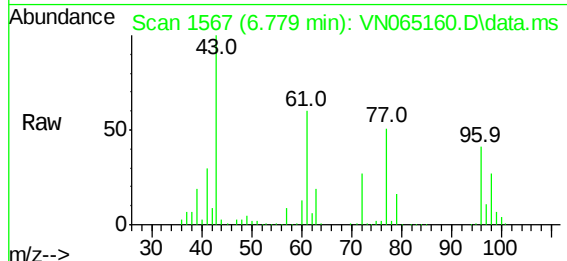
#1574 (-)  
cis-1,2-Dichloroethene  
Concen: 116.22 ug/l  
RT: 6.779 min Scan# 1567  
Delta R.T. -0.003 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

Tgt Ion: 96 Resp: 540090  
Ion Ratio Lower Upper  
96 100  
61 145.7 0.0 267.8  
98 64.7 0.0 128.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

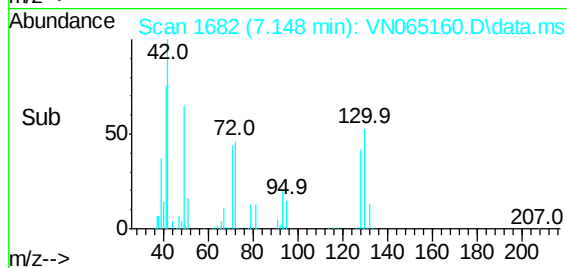
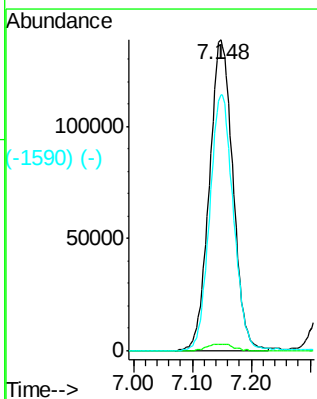
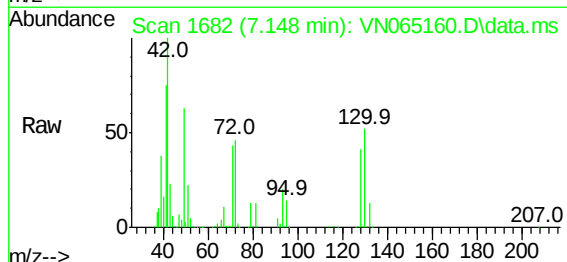
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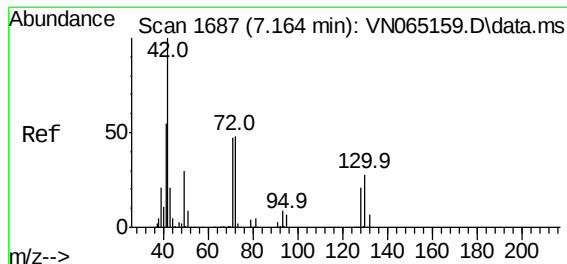
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#1680 (-)  
Bromochloromethane  
Concen: 113.64 ug/l  
RT: 7.148 min Scan# 1682  
Delta R.T. -0.003 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

Tgt Ion: 49 Resp: 382008  
Ion Ratio Lower Upper  
49 100  
129 2.2 0.0 2.2  
130 82.4 71.2 106.8





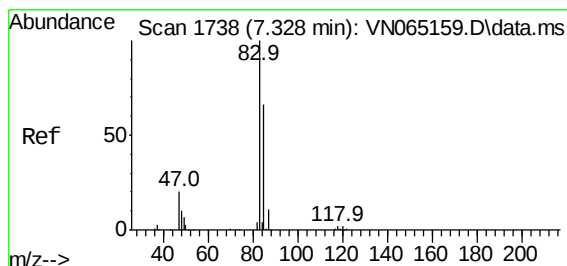
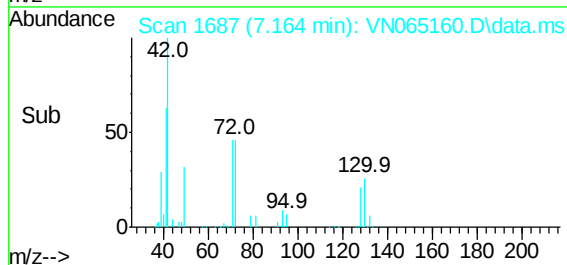
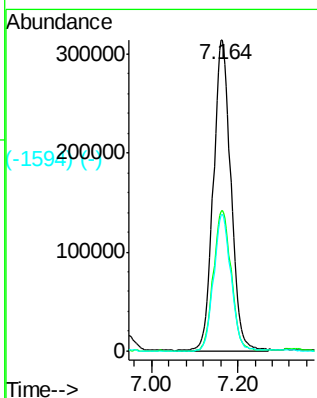
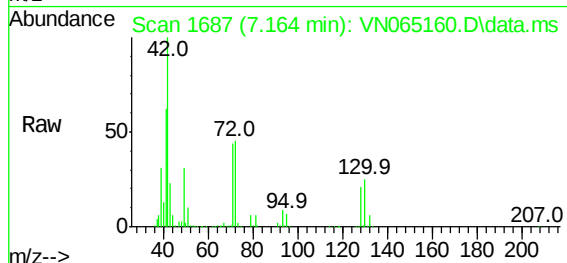
#260 (-)  
Tetrahydrofuran  
Concen: 596.04 ug/l  
RT: 7.164 min Scan# 1687  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

Tgt Ion: 42 Resp: 886848  
Ion Ratio Lower Upper  
42 100  
72 45.5 39.0 58.4  
71 43.6 37.0 55.4

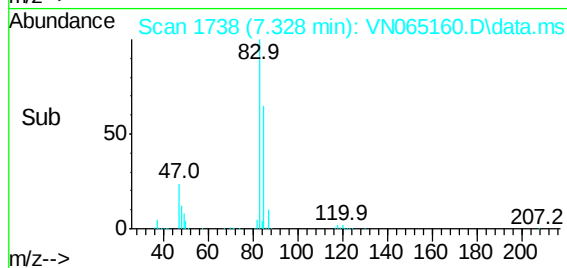
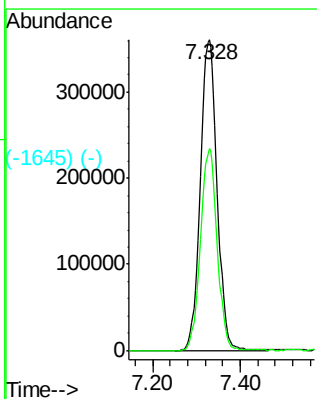
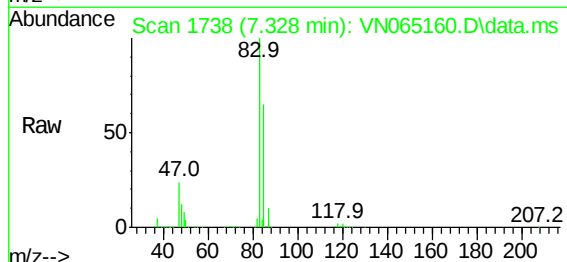
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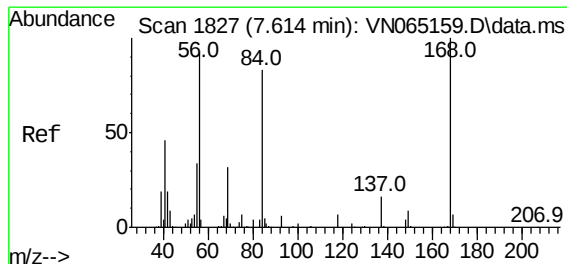
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#261 (-)  
Chloroform  
Concen: 122.82 ug/l  
RT: 7.328 min Scan# 1738  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

Tgt Ion: 83 Resp: 952507  
Ion Ratio Lower Upper  
83 100  
85 64.9 52.6 78.8



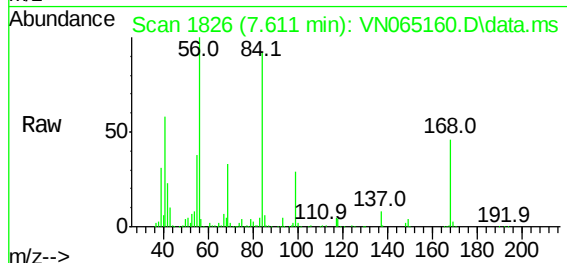


#182 (-)  
Cyclohexane  
Concen: 111.59 ug/l  
RT: 7.611 min Scan# 1826  
Delta R.T. -0.003 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

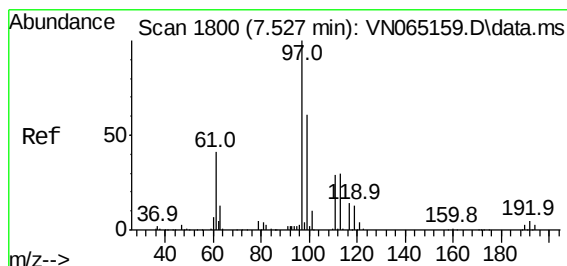
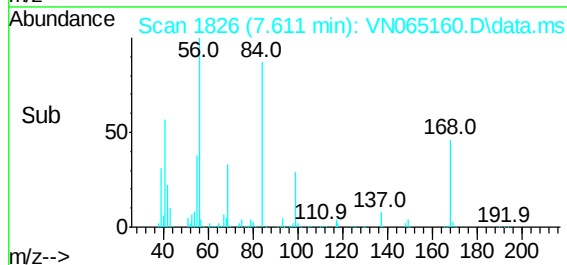
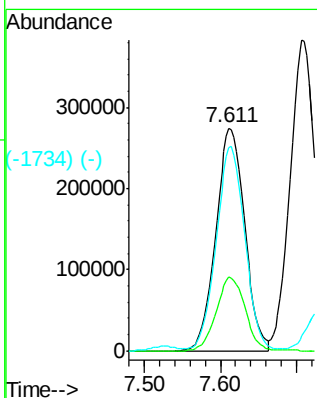
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

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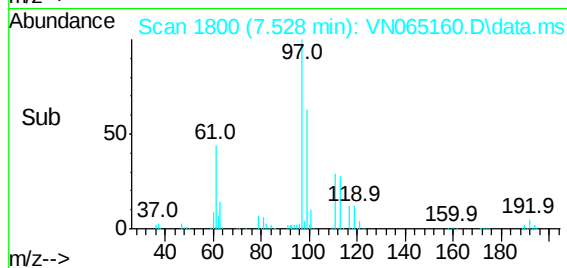
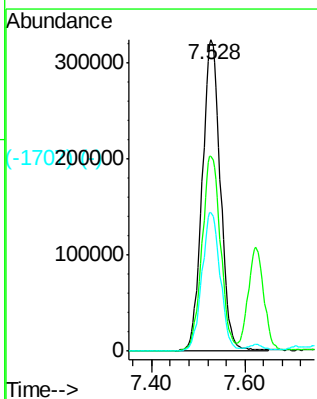
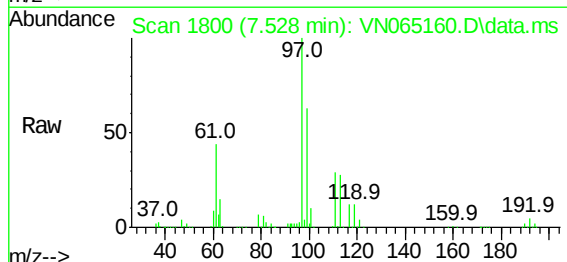


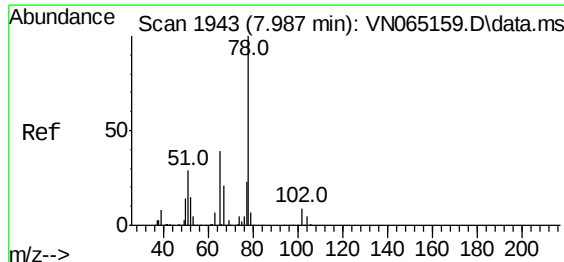
Tgt Ion: 56 Resp: 722022  
Ion Ratio Lower Upper  
56 100  
69 33.0 28.1 42.1  
84 90.2 72.0 108.0



#180 (-)  
1,1,1-Trichloroethane  
Concen: 126.27 ug/l  
RT: 7.528 min Scan# 1800  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

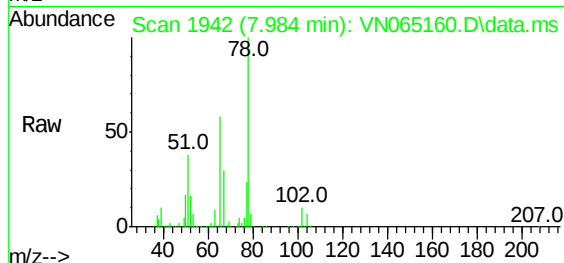
Tgt Ion: 97 Resp: 868393  
Ion Ratio Lower Upper  
97 100  
99 64.1 50.5 75.7  
61 44.5 32.6 49.0





#324 (-)  
1,2-Dichloroethane-d4  
Concen: 125.34 ug/l  
RT: 7.984 min Scan# 1942  
Delta R.T. -0.003 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

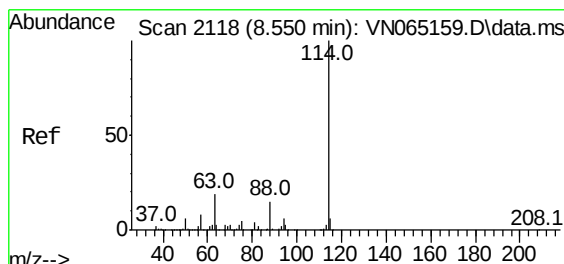
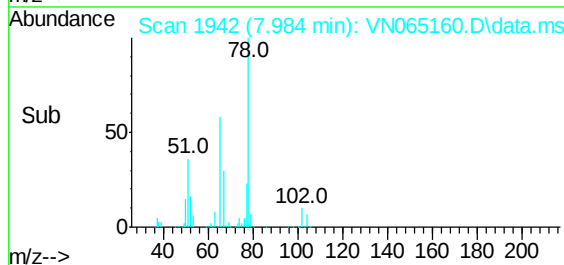
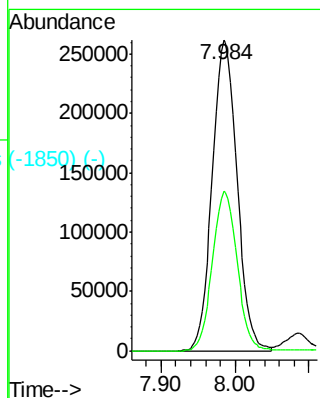
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100



Tgt Ion: 65 Resp: 610825  
Ion Ratio Lower Upper  
65 100  
67 51.2 0.0 111.0

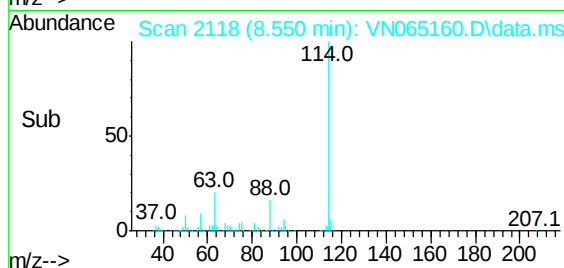
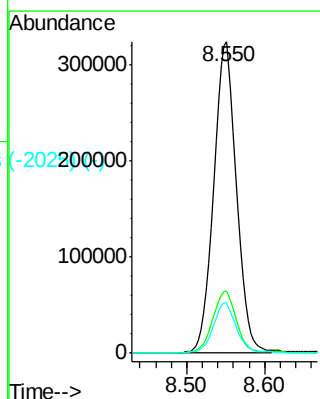
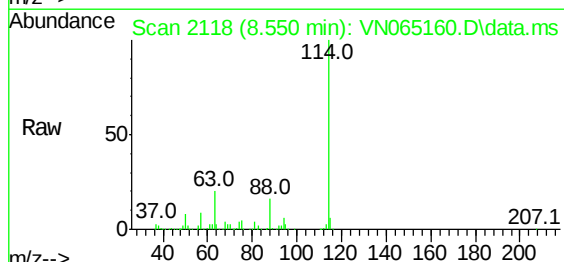
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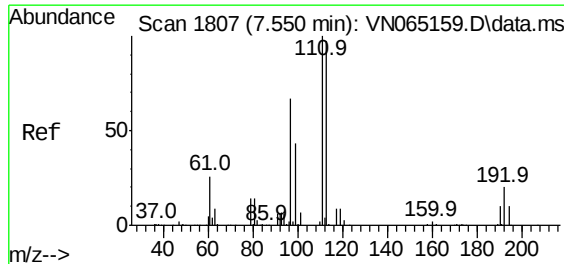
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#325 (-)  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.550 min Scan# 2118  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

Tgt Ion: 114 Resp: 668092  
Ion Ratio Lower Upper  
114 100  
63 19.9 0.0 37.6  
88 15.9 0.0 30.2





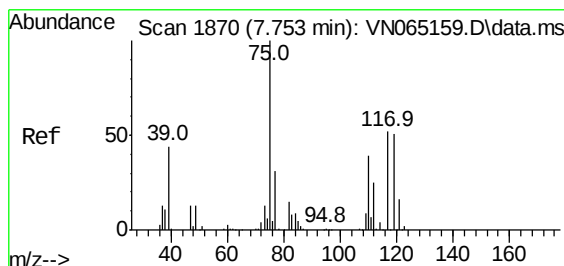
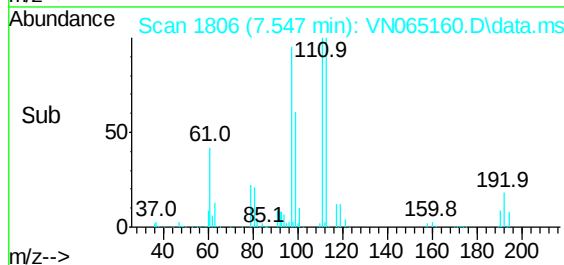
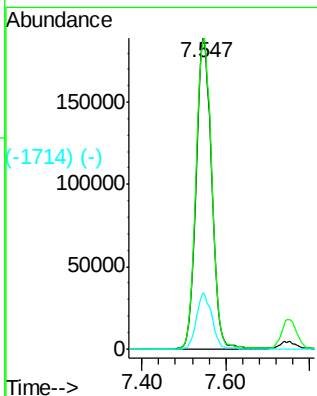
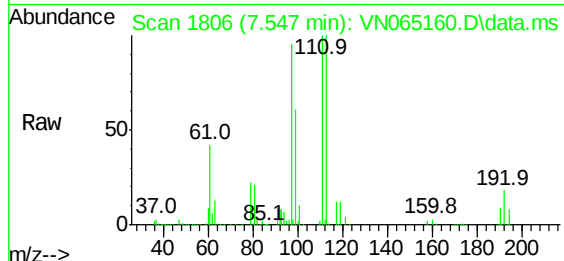
#356 (-)  
Dibromofluoromethane  
Concen: 107.10 ug/l  
RT: 7.547 min Scan# 1806  
Delta R.T. -0.003 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

Tgt Ion:113 Resp: 481223  
Ion Ratio Lower Upper  
113 100  
111 101.3 81.6 122.4  
192 17.6 15.9 23.9

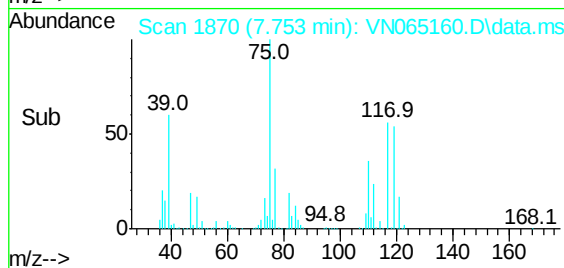
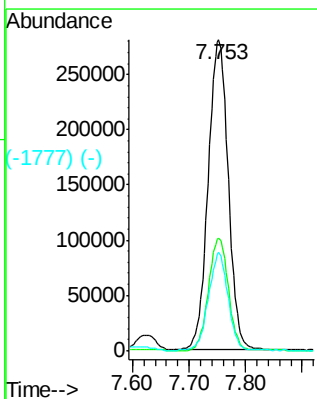
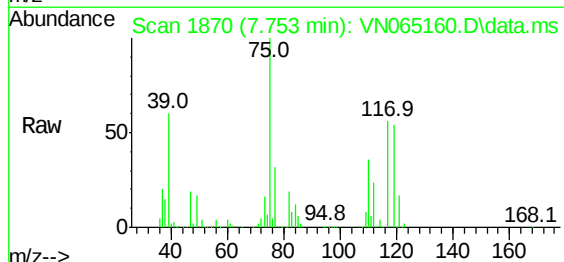
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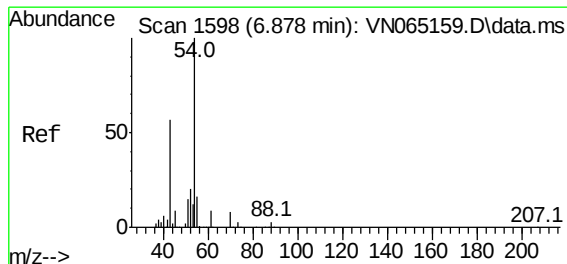
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#356 (-)  
1,1-Dichloropropene  
Concen: 112.70 ug/l  
RT: 7.753 min Scan# 1870  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

Tgt Ion: 75 Resp: 689857  
Ion Ratio Lower Upper  
75 100  
110 35.8 18.6 55.6  
77 30.8 24.6 36.8





#1598 (-)  
Ethyl Acetate  
Concen: 105.05 ug/l  
RT: 6.878 min Scan# 1598  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

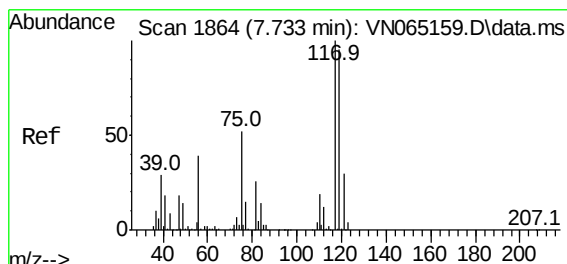
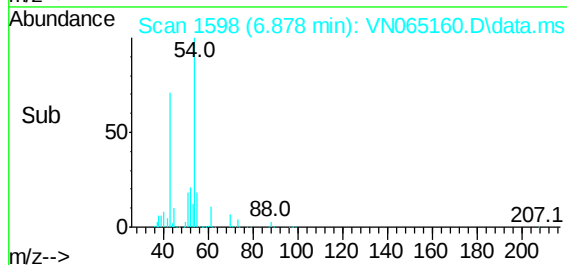
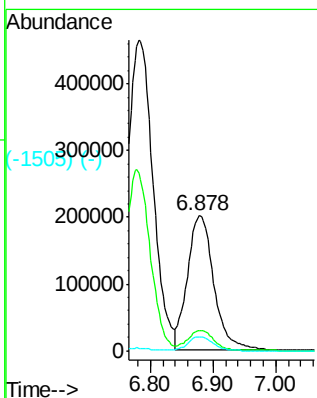
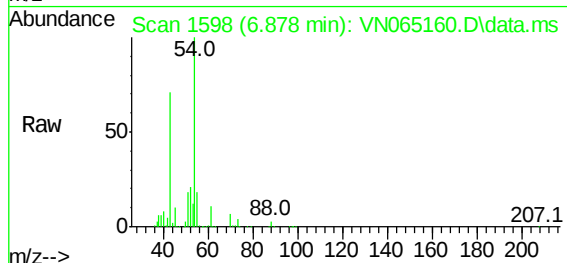
Tgt Ion: 43 Resp: 580395

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 14.7  | 12.9  | 19.3  |
| 70  | 10.1  | 9.0   | 13.6  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

Manual Integrations  
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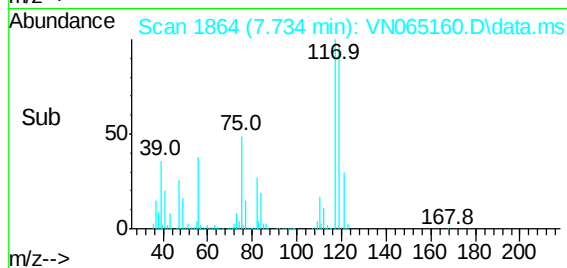
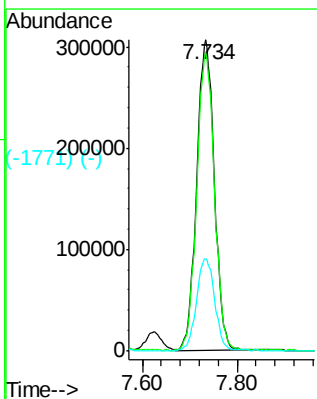
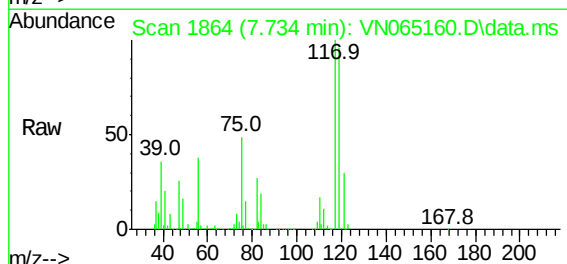
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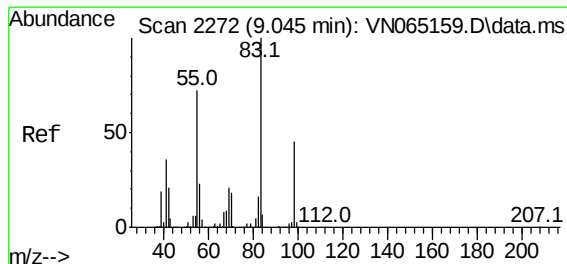


#1864 (-)  
Carbon Tetrachloride  
Concen: 116.35 ug/l  
RT: 7.734 min Scan# 1864  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

Tgt Ion:117 Resp: 790111

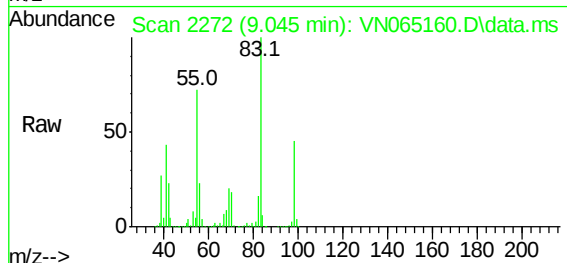
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 95.9  | 75.9  | 113.9 |
| 121 | 29.7  | 24.3  | 36.5  |





#2294 (-)  
Methylcyclohexane  
Concen: 119.47 ug/l  
RT: 9.045 min Scan# 2272  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

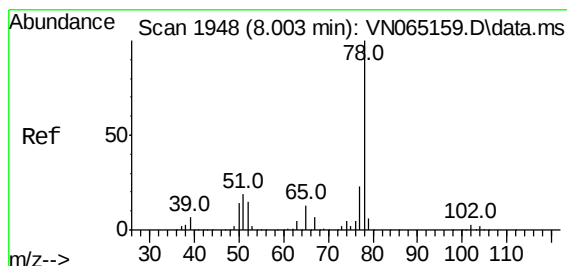
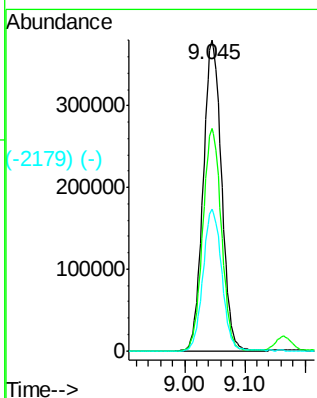
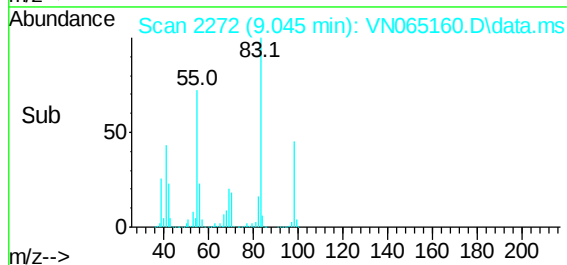
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100



Tgt Ion: 83 Resp: 788379  
Ion Ratio Lower Upper  
83 100  
55 71.5 57.4 86.0  
98 45.5 35.8 53.8

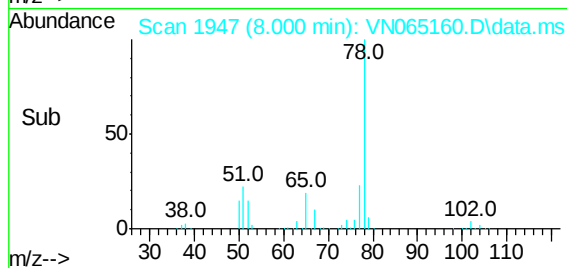
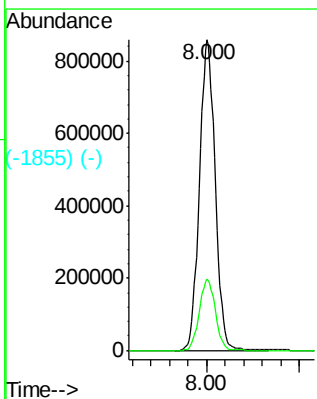
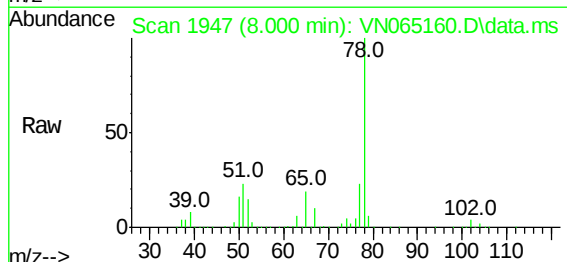
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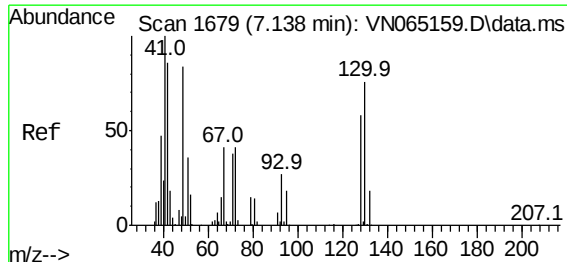
MMDadoda  
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#1946 (-)  
Benzene  
Concen: 108.58 ug/l  
RT: 8.000 min Scan# 1947  
Delta R.T. -0.003 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

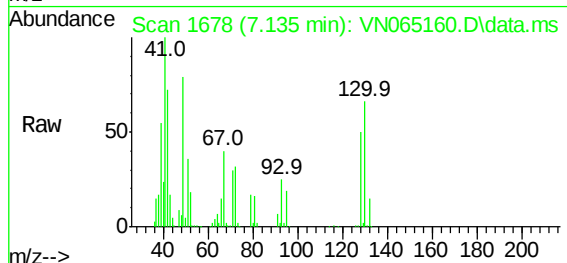
Tgt Ion: 78 Resp: 2000755  
Ion Ratio Lower Upper  
78 100  
77 23.0 18.5 27.7





#414 (-)  
Methacrylonitrile  
Concen: 107.16 ug/l m  
RT: 7.135 min Scan# 1678  
Delta R.T. -0.003 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

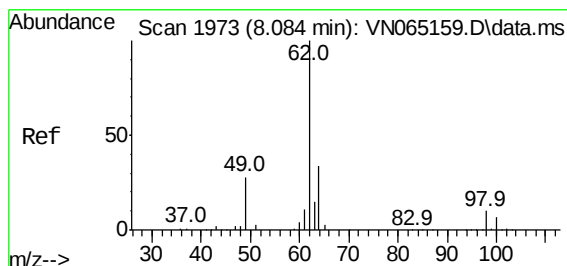
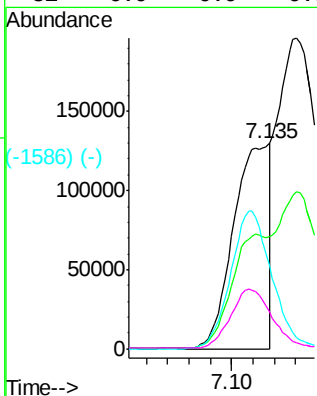
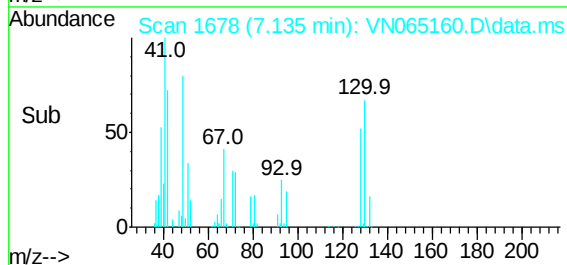
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100



Tgt Ion: 41 Resp: 300814  
Ion Ratio Lower Upper  
41 100  
39 0.0 0.0 0.0  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0

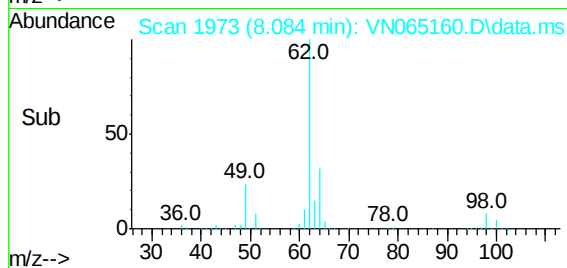
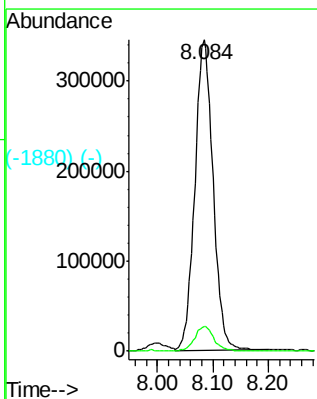
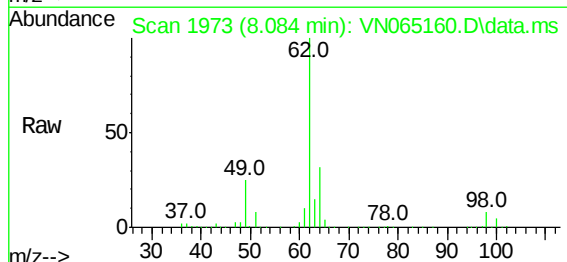
Manual Integrations  
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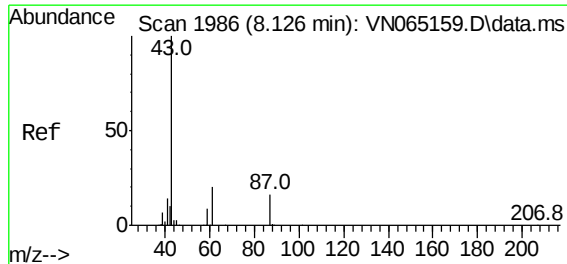
MMDadoda  
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#418 (-)  
1,2-Dichloroethane  
Concen: 120.41 ug/l  
RT: 8.084 min Scan# 1973  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

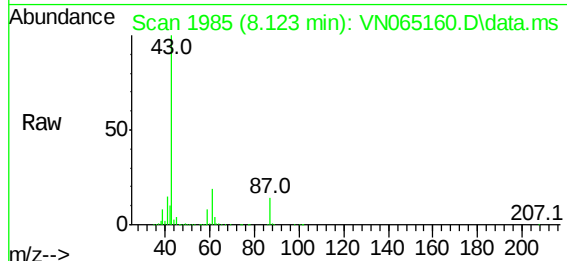
Tgt Ion: 62 Resp: 782018  
Ion Ratio Lower Upper  
62 100  
98 7.8 0.0 20.4





#43 (-)  
Isopropyl Acetate  
Concen: 109.43 ug/l  
RT: 8.123 min Scan# 1985  
Delta R.T. -0.003 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

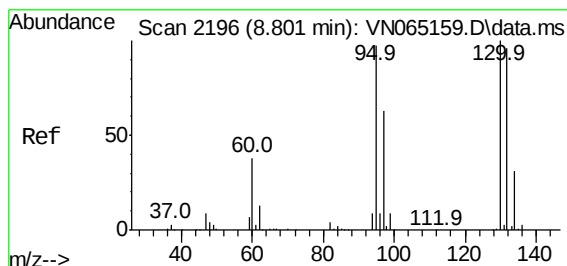
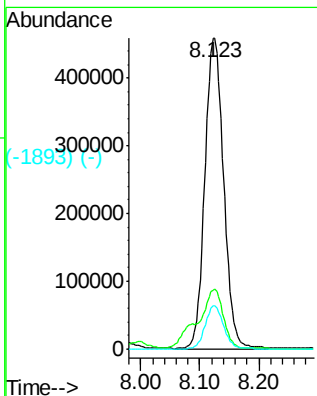
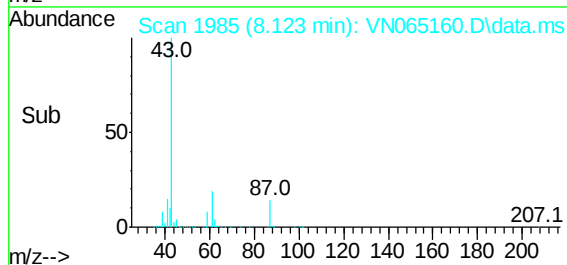
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100



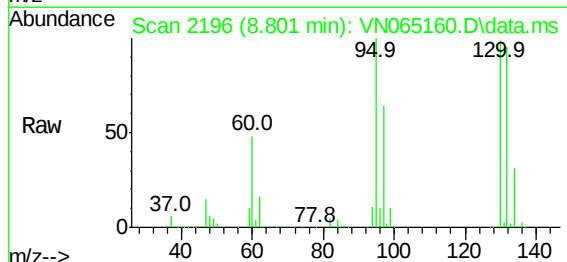
Tgt Ion: 43 Resp: 1009516  
Ion Ratio Lower Upper  
43 100  
61 26.5 24.0 36.0  
87 13.6 12.2 18.4

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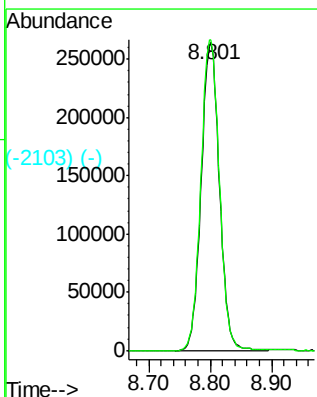
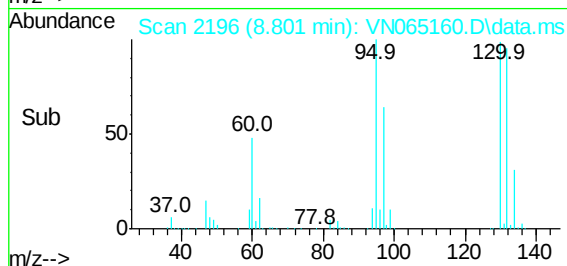
MMDadoda  
12/22/2020 11:17:02 AM

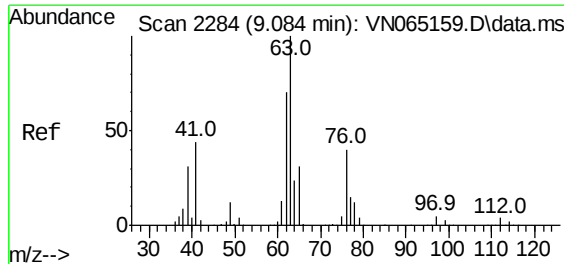


#119 (-)  
Trichloroethene  
Concen: 98.88 ug/l  
RT: 8.801 min Scan# 2196  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18



Tgt Ion:130 Resp: 541652  
Ion Ratio Lower Upper  
130 100  
95 100.9 0.0 194.4





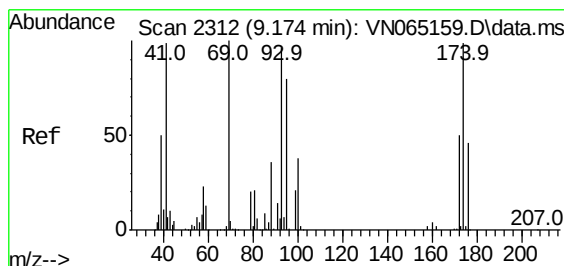
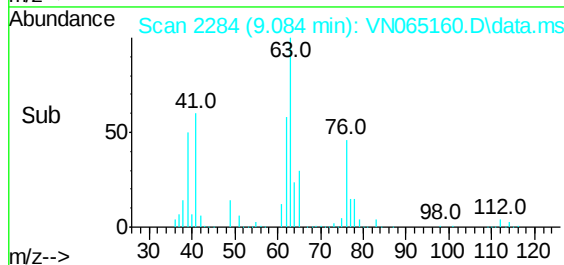
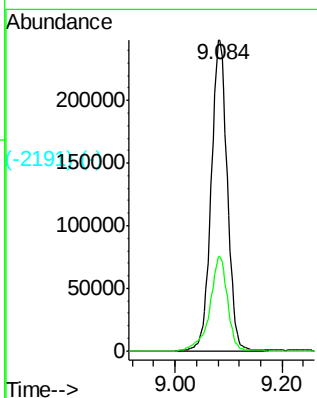
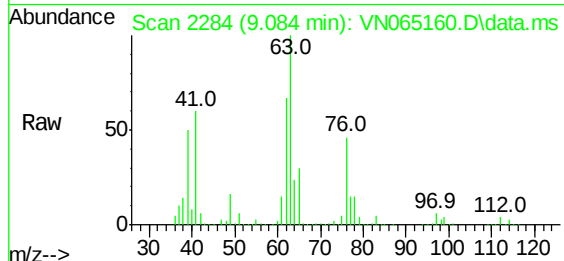
#452 (-)  
1,2-Dichloropropane  
Concen: 102.20 ug/l  
RT: 9.084 min Scan# 2284  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

Tgt Ion: 63 Resp: 511440  
Ion Ratio Lower Upper  
63 100  
65 30.2 25.1 37.7

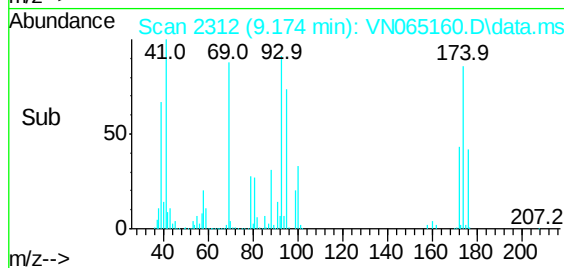
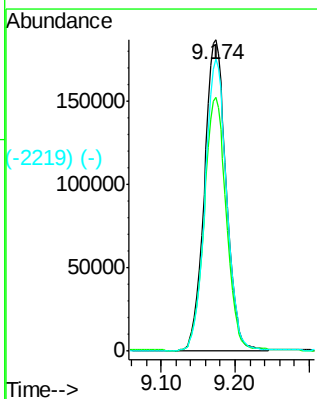
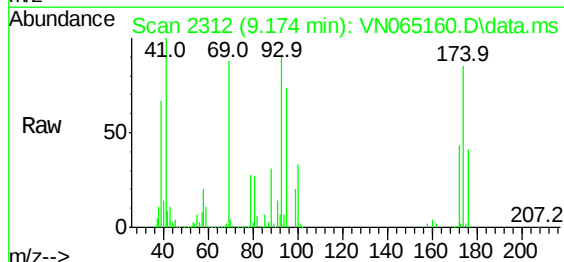
Manual Integrations  
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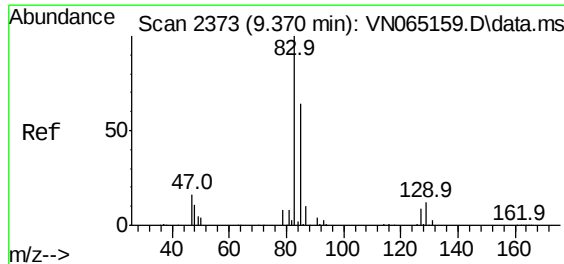
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#455 (-)  
Dibromomethane  
Concen: 112.84 ug/l  
RT: 9.174 min Scan# 2312  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

Tgt Ion: 93 Resp: 381303  
Ion Ratio Lower Upper  
93 100  
95 82.4 66.6 99.8  
174 93.3 82.5 123.7



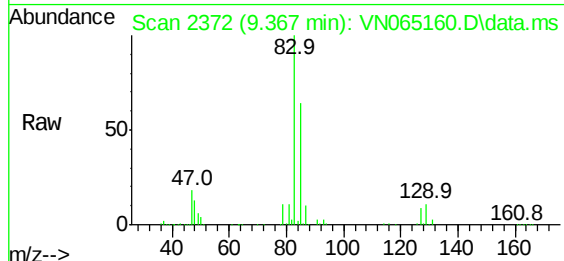


#475 (-)  
Bromodichloromethane  
Concen: 115.21 ug/l  
RT: 9.367 min Scan# 2372  
Delta R.T. -0.003 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

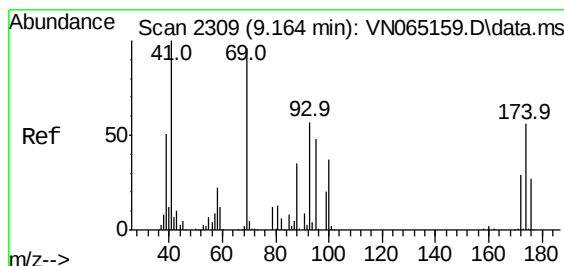
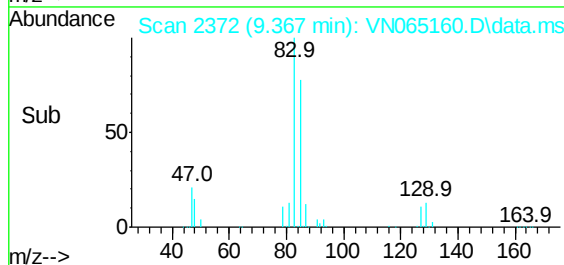
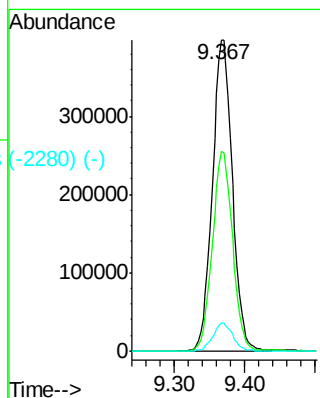
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

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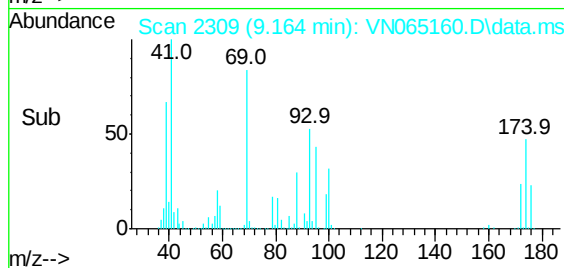
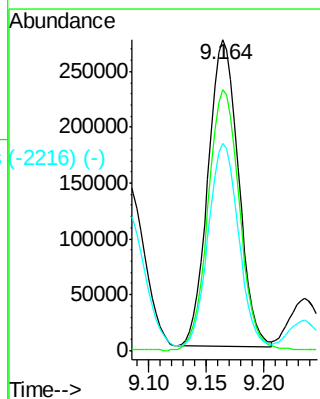
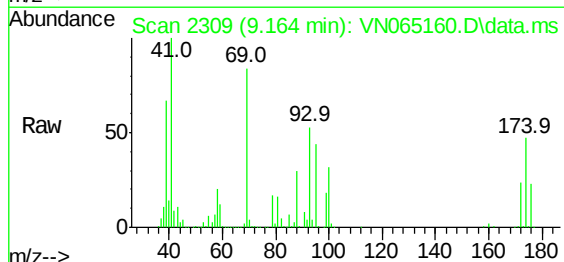


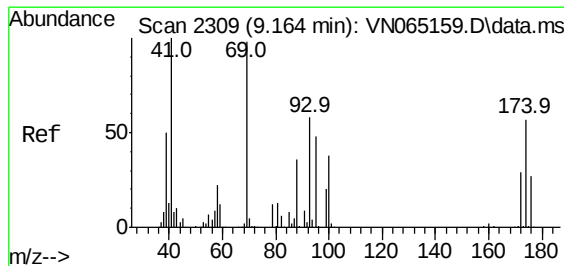
Tgt Ion: 83 Resp: 783488  
Ion Ratio Lower Upper  
83 100  
85 64.0 51.4 77.0  
127 8.9 7.4 11.0



#476 (-)  
Methyl methacrylate  
Concen: 117.79 ug/l  
RT: 9.164 min Scan# 2309  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

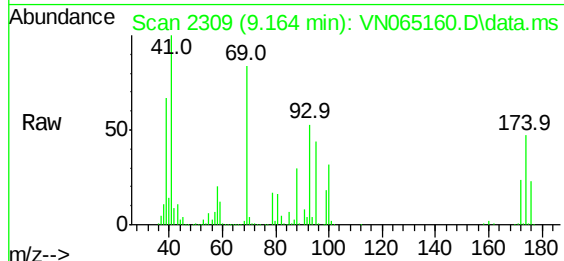
Tgt Ion: 41 Resp: 502559  
Ion Ratio Lower Upper  
41 100  
69 87.4 79.8 119.6  
39 68.4 40.8 61.2#





#2294 (-)  
1,4-Dioxane  
Concen: 2285.69 ug/l  
RT: 9.164 min Scan# 2309  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

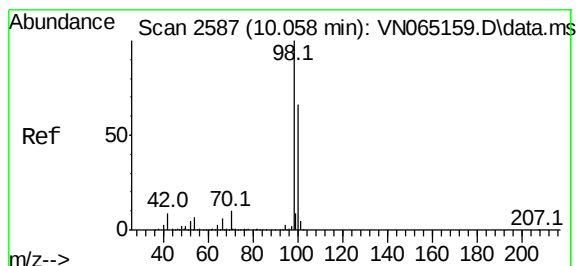
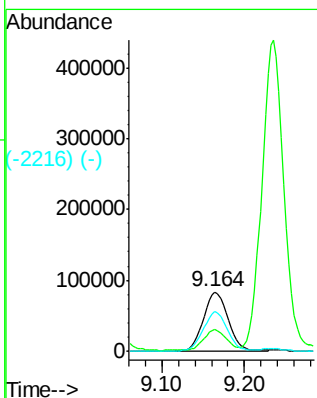
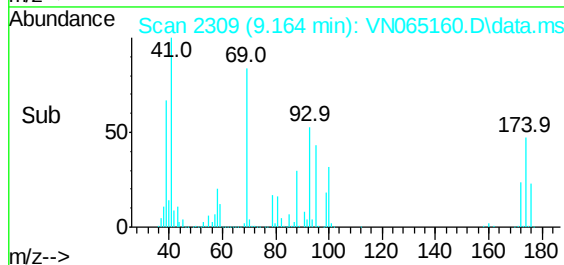
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100



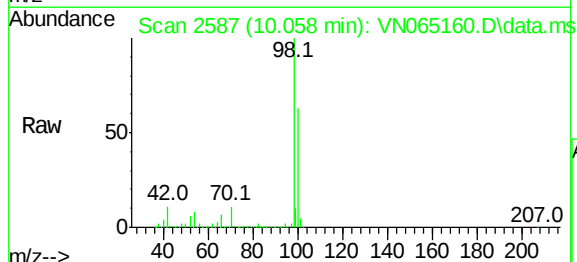
Tgt Ion: 88 Resp: 169377  
Ion Ratio Lower Upper  
88 100  
43 32.9 21.5 32.3#  
58 64.5 50.6 75.8

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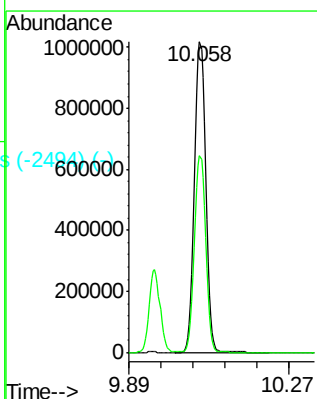
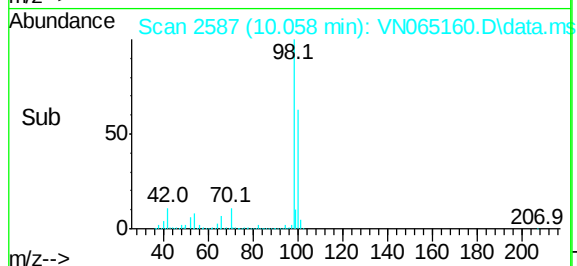
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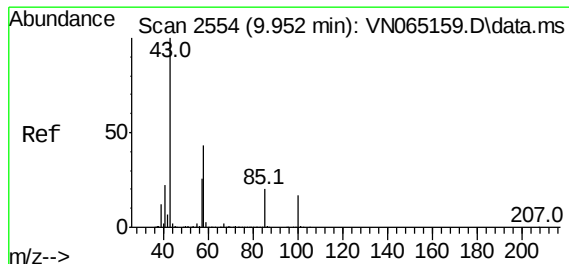


#22970 (-)  
Toluene-d8  
Concen: 111.53 ug/l  
RT: 10.058 min Scan# 2587  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18



Tgt Ion: 98 Resp: 1841506  
Ion Ratio Lower Upper  
98 100  
100 63.3 51.8 77.6



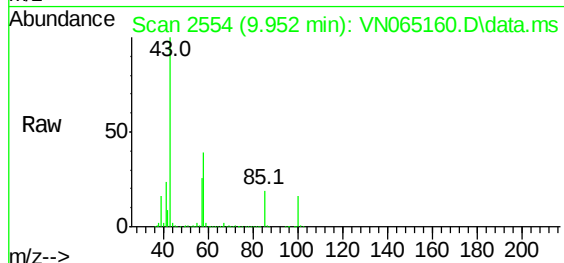


#517 (-)  
4-Methyl-2-Pentanone  
Concen: 590.27 ug/l  
RT: 9.952 min Scan# 2554  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

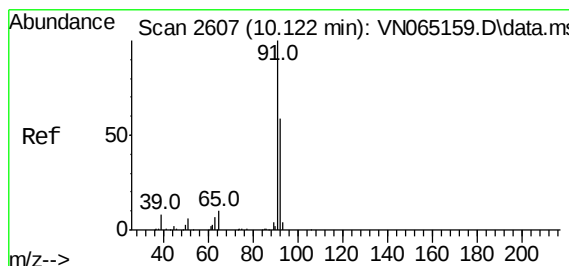
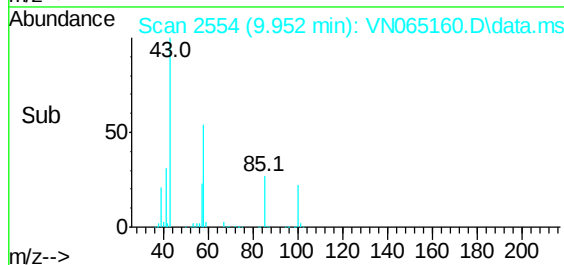
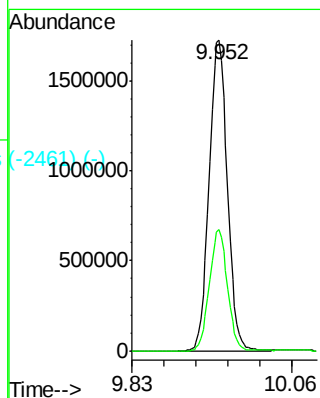
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

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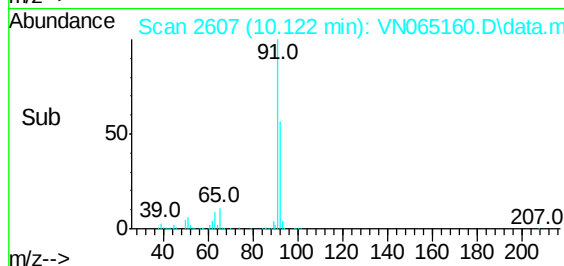
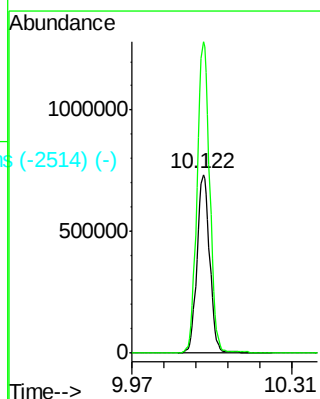
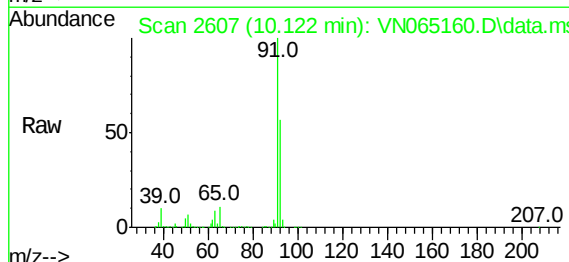


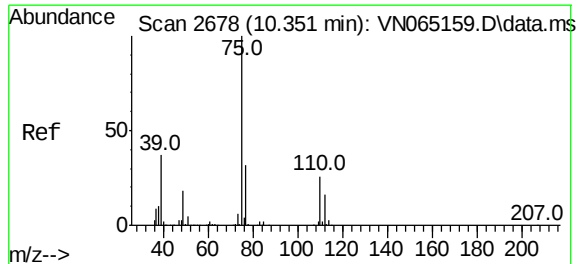
Tgt Ion: 43 Resp: 3095443  
Ion Ratio Lower Upper  
43 100  
58 38.7 34.4 51.6



#590 (-)  
Toluene  
Concen: 114.31 ug/l  
RT: 10.122 min Scan# 2607  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

Tgt Ion: 92 Resp: 1332816  
Ion Ratio Lower Upper  
92 100  
91 175.7 137.6 206.4



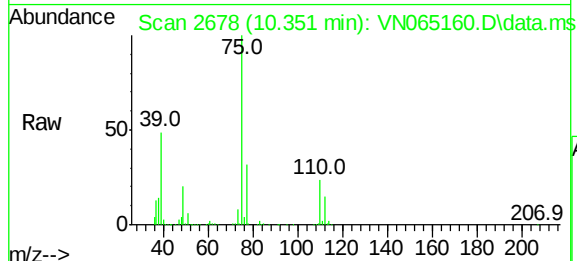


t-1,3-Dichloropropene  
Concen: 122.59 ug/l  
RT: 10.351 min Scan# 2678  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

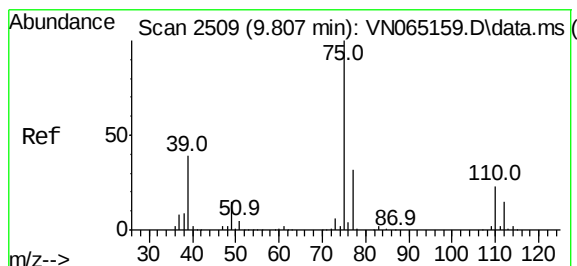
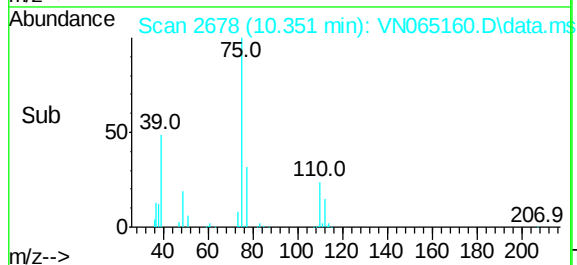
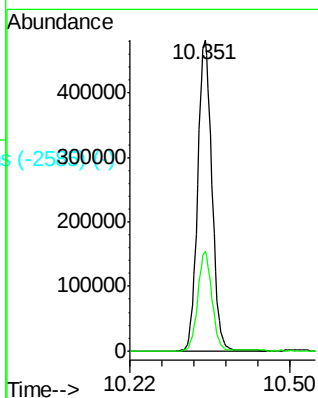
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

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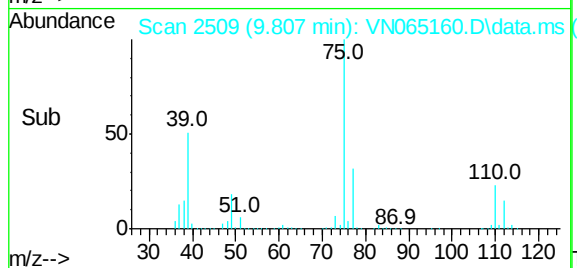
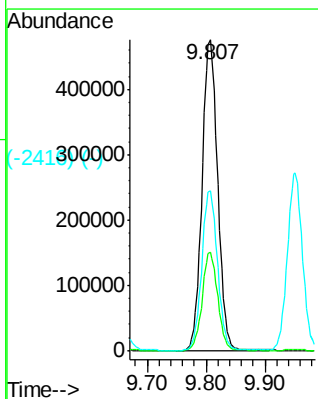
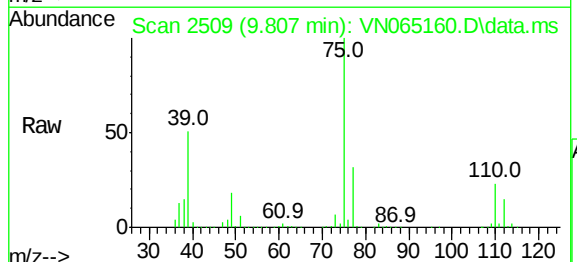


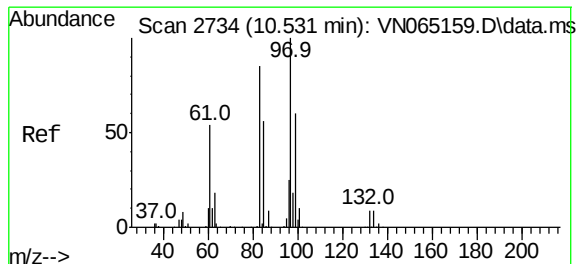
Tgt Ion: 75 Resp: 850646  
Ion Ratio Lower Upper  
75 100  
77 31.9 25.3 37.9



cis-1,3-Dichloropropene  
Concen: 115.77 ug/l  
RT: 9.807 min Scan# 2509  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

Tgt Ion: 75 Resp: 881871  
Ion Ratio Lower Upper  
75 100  
77 31.6 25.7 38.5  
39 51.3 31.3 46.9#



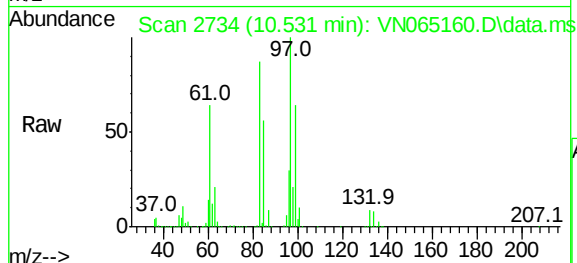


#5518 (-)  
1,1,2-Trichloroethane  
Concen: 112.24 ug/l  
RT: 10.531 min Scan# 2734  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

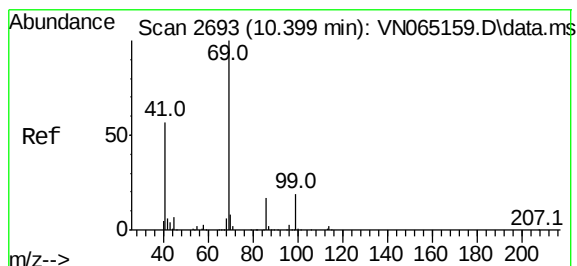
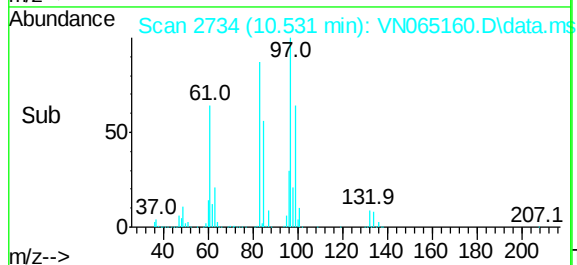
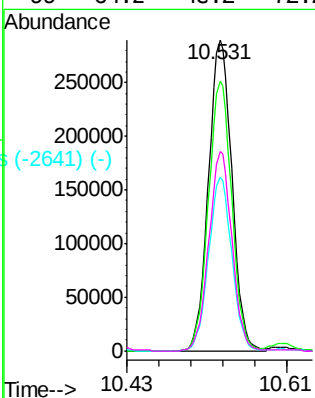
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Tgt Ion: 97 Resp: 518858

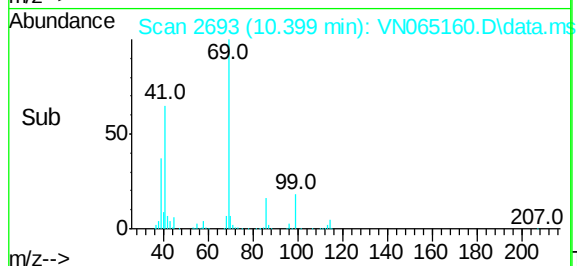
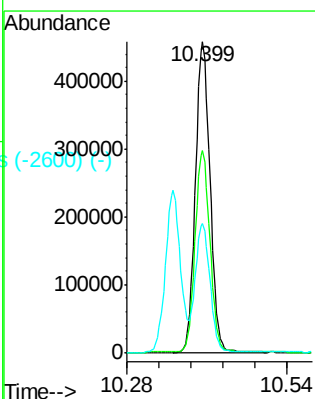
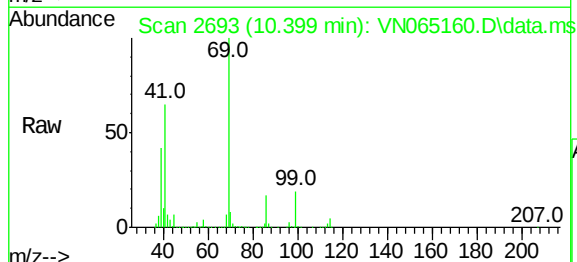
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 86.9  | 68.0  | 102.0 |
| 85  | 56.1  | 44.7  | 67.1  |
| 99  | 64.2  | 48.2  | 72.2  |

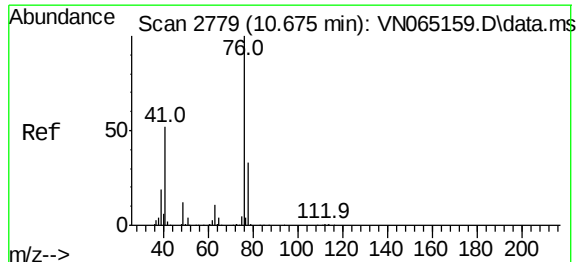


#5678 (-)  
Ethyl methacrylate  
Concen: 129.20 ug/l  
RT: 10.399 min Scan# 2693  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

Tgt Ion: 69 Resp: 758577

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 65.6  | 45.6  | 68.4  |
| 39  | 41.5  | 23.0  | 34.4  |



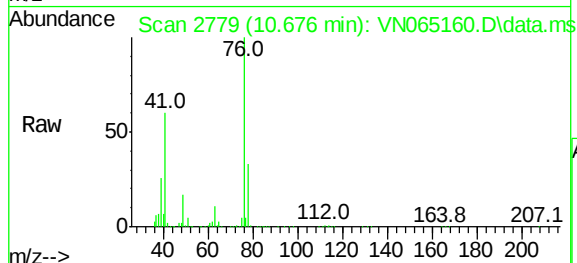


1,3-Dichloropropane  
Concen: 113.82 ug/l  
RT: 10.676 min Scan# 2779  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

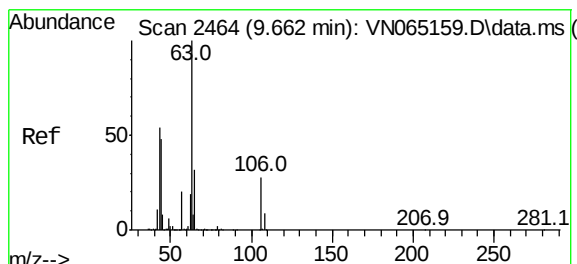
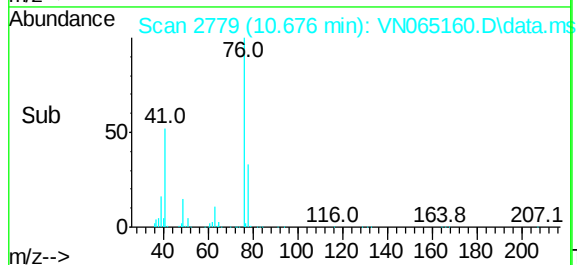
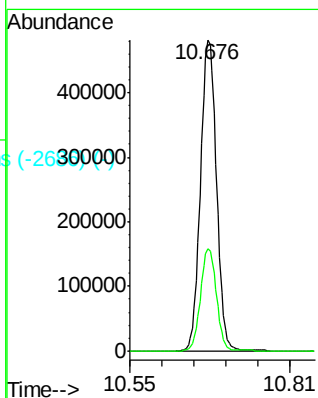
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

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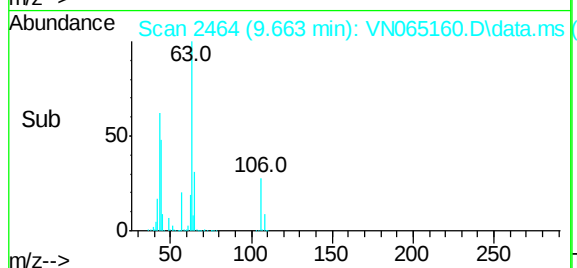
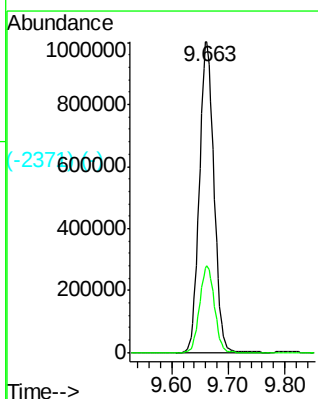
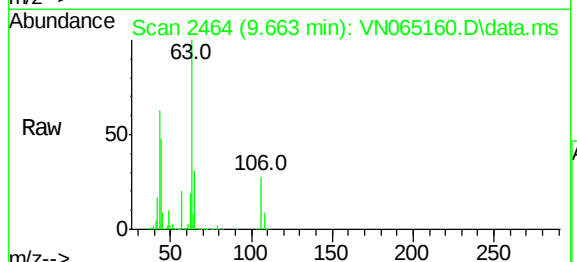


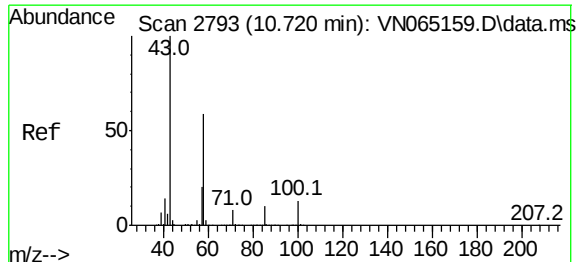
Tgt Ion: 76 Resp: 862398  
Ion Ratio Lower Upper  
76 100  
78 32.6 26.2 39.4



2-Chloroethyl Vinyl ether  
Concen: 595.17 ug/l  
RT: 9.663 min Scan# 2464  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
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Tgt Ion: 63 Resp: 1779664  
Ion Ratio Lower Upper  
63 100  
106 28.0 22.5 33.7



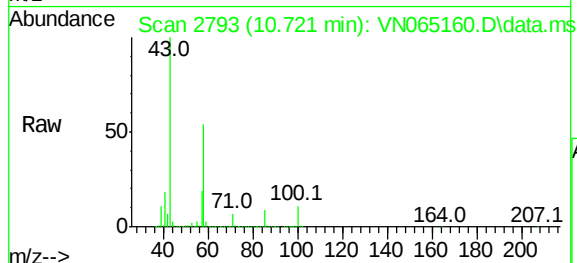


#5972 (-)  
2-Hexanone  
Concen: 620.73 ug/l  
RT: 10.721 min Scan# 2793  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

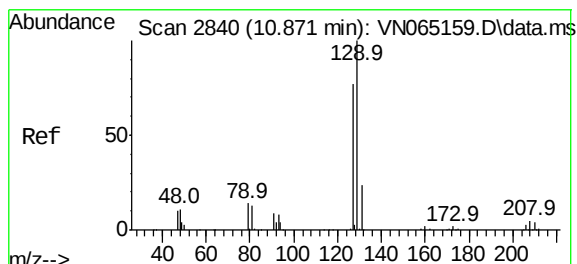
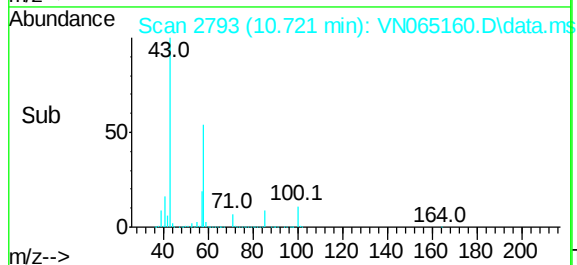
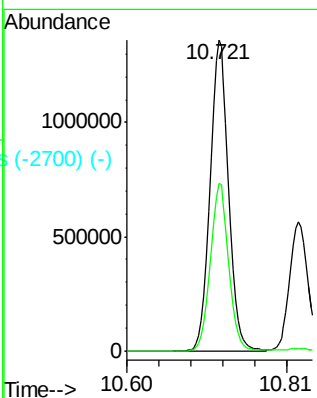
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ClientSampleId :  
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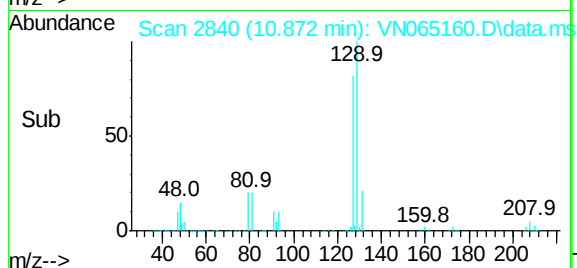
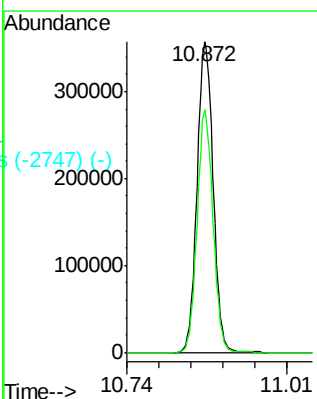
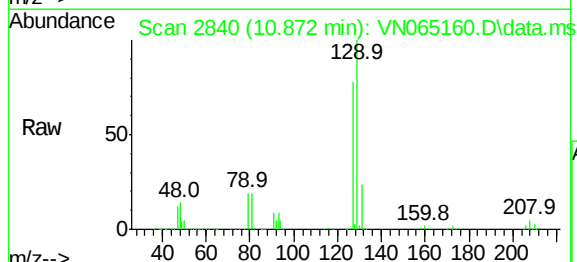


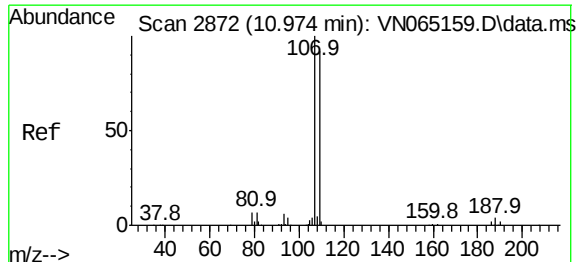
Tgt Ion: 43 Resp: 2283776  
Ion Ratio Lower Upper  
43 100  
58 53.6 29.6 88.9



#6025 (-)  
Dibromochloromethane  
Concen: 119.34 ug/l  
RT: 10.872 min Scan# 2840  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

Tgt Ion: 129 Resp: 643518  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.1 114.5



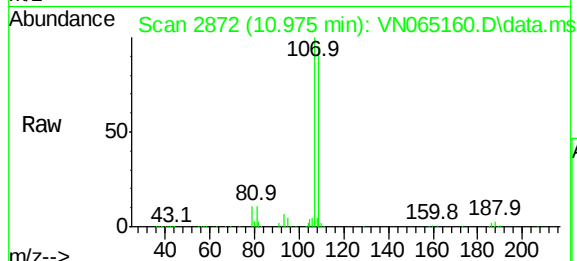


#6157 (-)  
1,2-Dibromoethane  
Concen: 113.69 ug/l  
RT: 10.975 min Scan# 2872  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

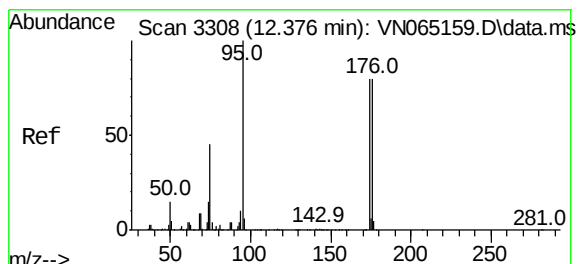
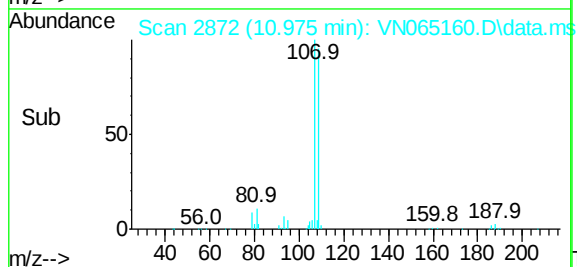
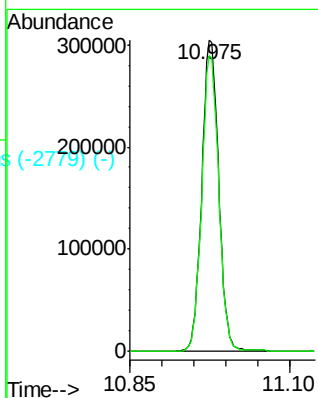
Instrument :  
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ClientSampleId :  
VSTDIC100

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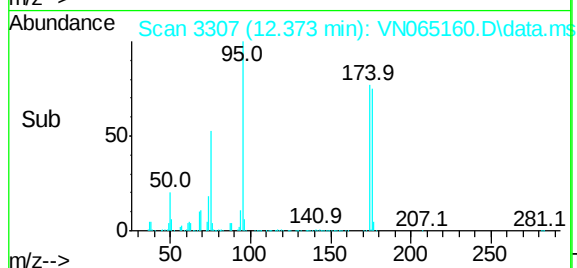
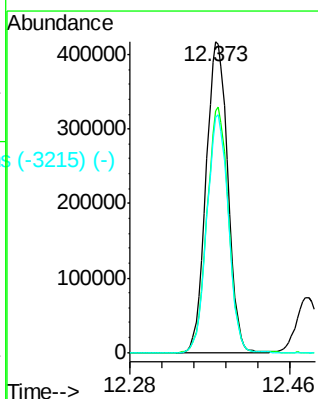
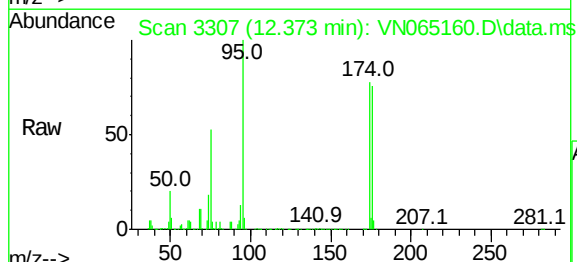


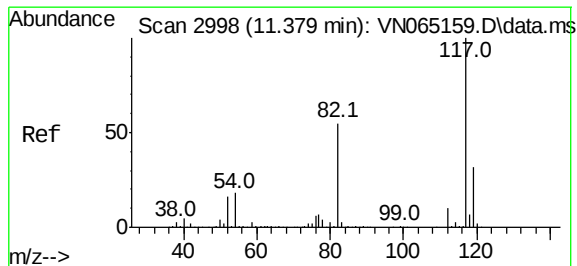
Tgt Ion: 107 Resp: 548283  
Ion Ratio Lower Upper  
107 100  
109 95.5 74.4 111.6



#6293 (-)  
4-Bromofluorobenzene  
Concen: 124.18 ug/l  
RT: 12.373 min Scan# 3307  
Delta R.T. -0.003 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

Tgt Ion: 95 Resp: 717140  
Ion Ratio Lower Upper  
95 100  
174 77.8 0.0 162.8  
176 75.6 0.0 160.8





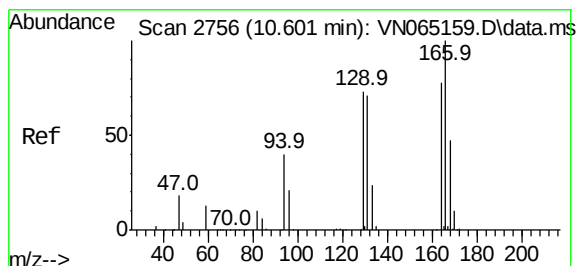
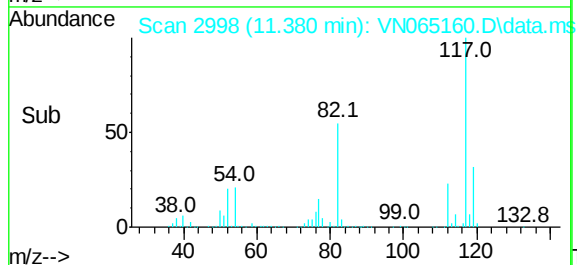
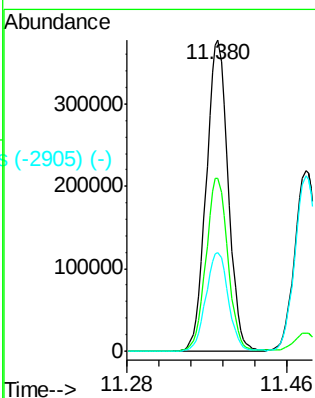
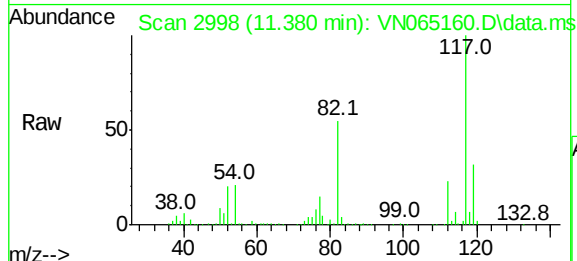
#2982 (-)  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.380 min Scan# 2998  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
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VSTDIC100

Tgt Ion:117 Resp: 652569  
Ion Ratio Lower Upper  
117 100  
82 55.4 43.8 65.6  
119 31.7 26.0 39.0

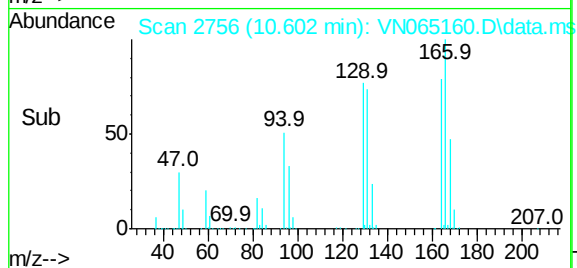
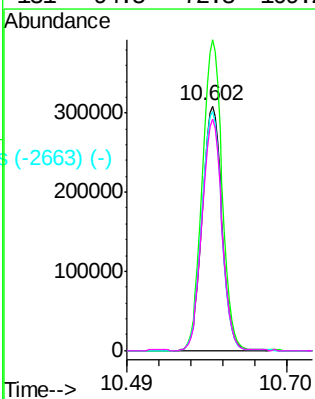
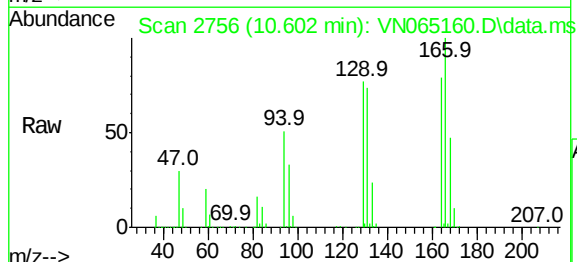
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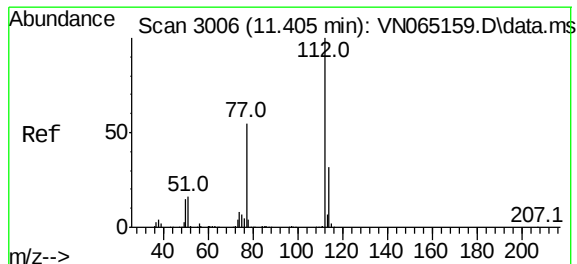
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#2740 (-)  
Tetrachloroethene  
Concen: 88.20 ug/l  
RT: 10.602 min Scan# 2756  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

Tgt Ion:164 Resp: 551447  
Ion Ratio Lower Upper  
164 100  
166 127.0 103.0 154.6  
129 97.7 75.4 113.2  
131 94.5 72.8 109.2



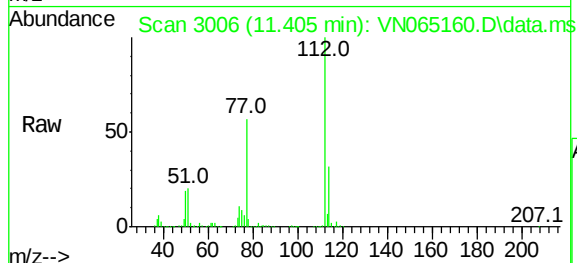


#2990 (-)  
Chlorobenzene  
Concen: 106.44 ug/l  
RT: 11.405 min Scan# 3006  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

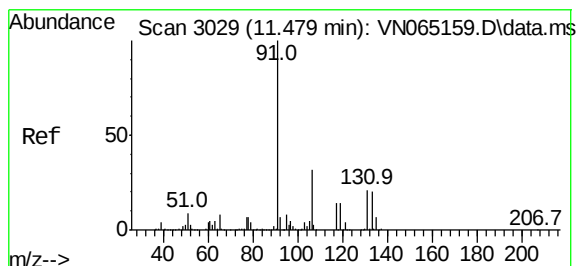
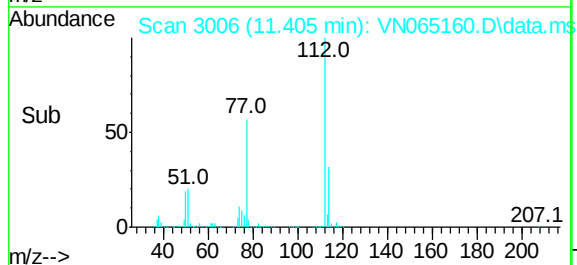
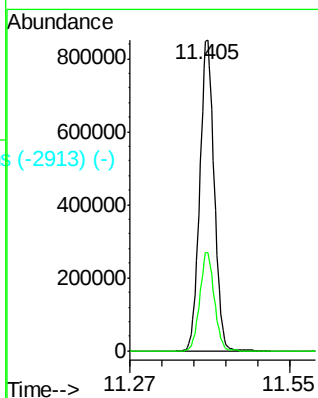
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ClientSampleId :  
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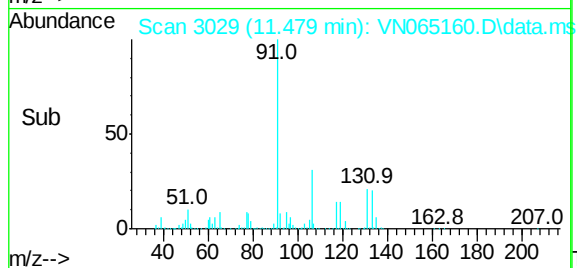
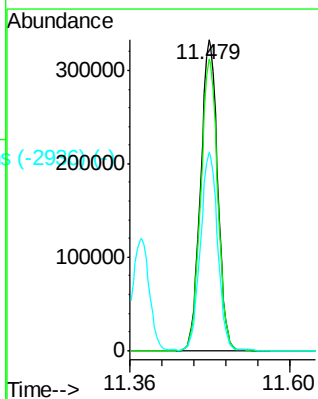
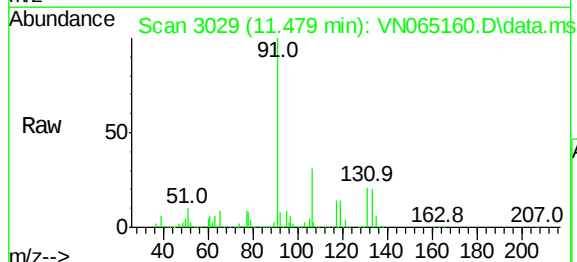


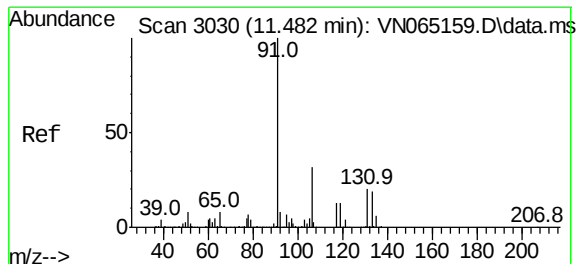
Tgt Ion:112 Resp: 1469088  
Ion Ratio Lower Upper  
112 100  
114 31.7 25.5 38.3



#3015 (-)  
1,1,1,2-Tetrachloroethane  
Concen: 107.36 ug/l  
RT: 11.479 min Scan# 3029  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

Tgt Ion:131 Resp: 584751  
Ion Ratio Lower Upper  
131 100  
133 93.6 48.1 144.4  
119 64.4 33.8 101.4



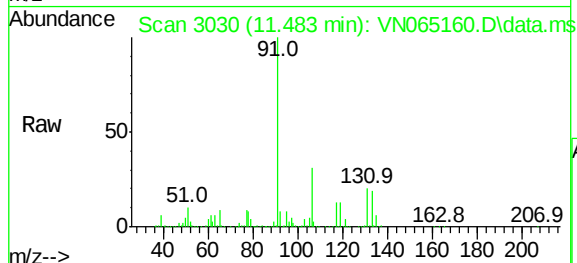


#6713 (-)  
Ethyl Benzene  
Concen: 117.29 ug/l  
RT: 11.483 min Scan# 3030  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

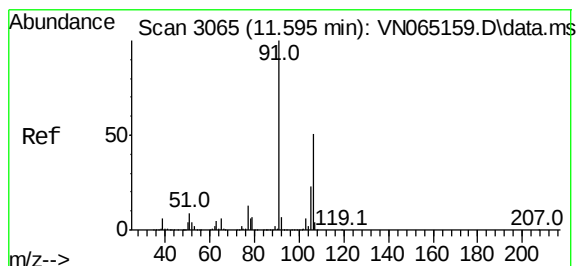
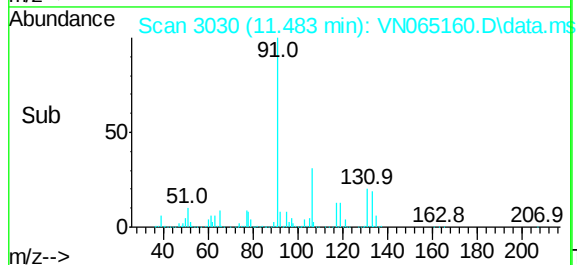
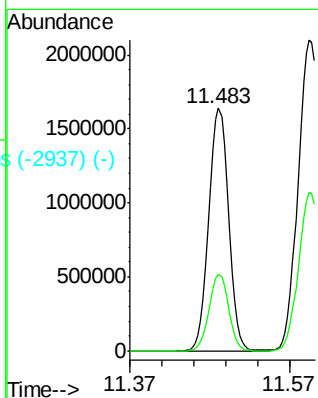
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ClientSampleId :  
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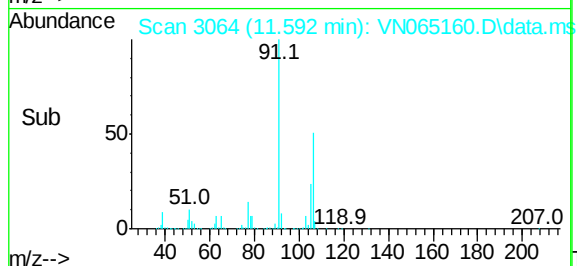
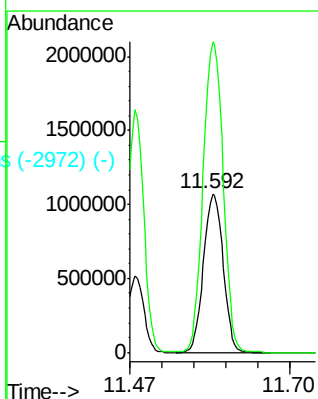
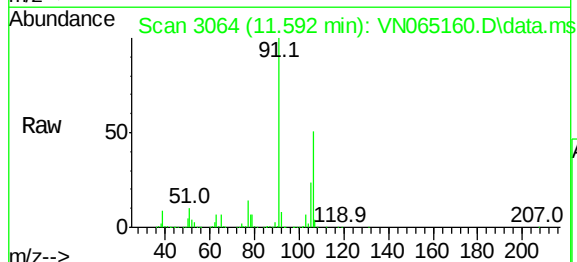


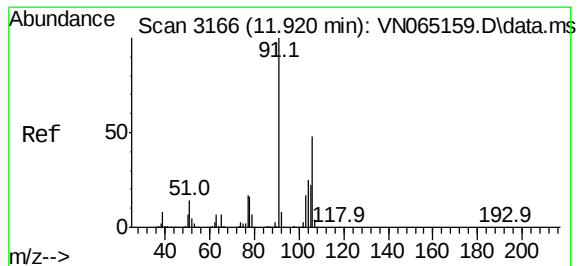
Tgt Ion: 91 Resp: 2691911  
Ion Ratio Lower Upper  
91 100  
106 31.4 25.6 38.4



#6048 (-)  
m/p-Xylenes  
Concen: 230.87 ug/l  
RT: 11.592 min Scan# 3064  
Delta R.T. -0.003 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

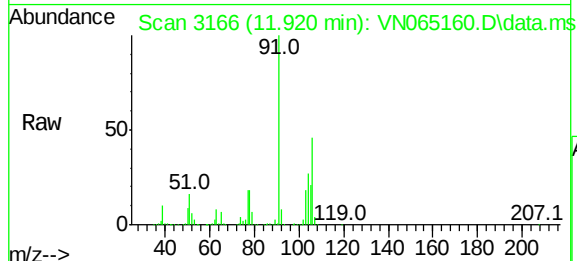
Tgt Ion: 106 Resp: 2064647  
Ion Ratio Lower Upper  
106 100  
91 200.4 158.4 237.6





#6149 (-)  
o-Xylene  
Concen: 117.57 ug/l  
RT: 11.920 min Scan# 3166  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

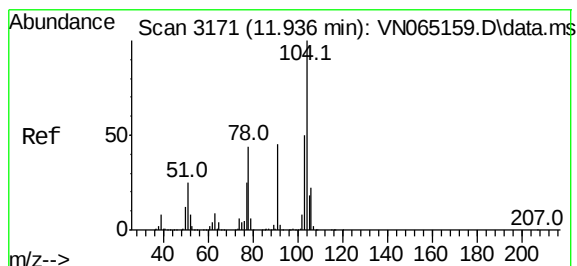
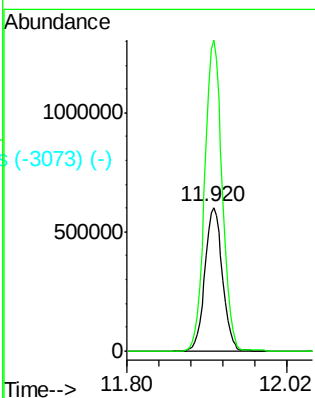
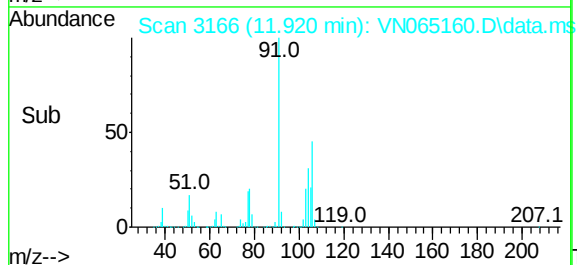
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ClientSampleId :  
VSTDIC100



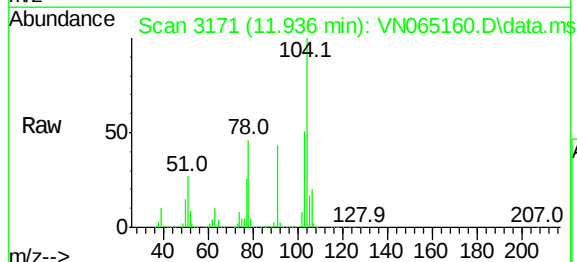
Tgt Ion:106 Resp: 981879  
Ion Ratio Lower Upper  
106 100  
91 216.6 104.4 313.2

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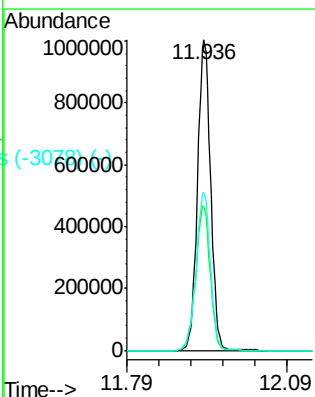
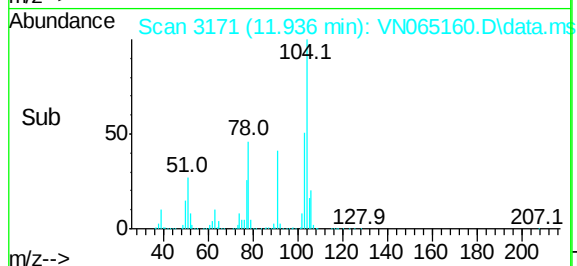
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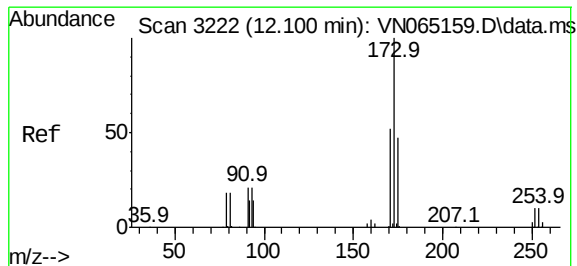


#7153 (-)  
Styrene  
Concen: 124.37 ug/l  
RT: 11.936 min Scan# 3171  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18



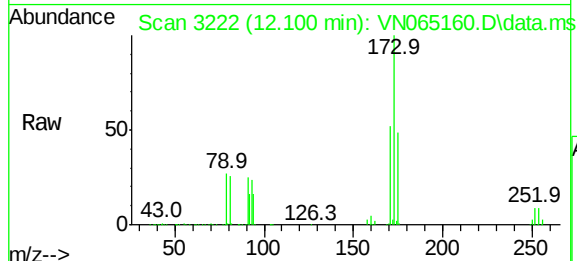
Tgt Ion:104 Resp: 1692112  
Ion Ratio Lower Upper  
104 100  
78 51.5 38.7 58.1  
103 55.1 42.9 64.3





#3107 (-)  
Bromoform  
Concen: 102.80 ug/l  
RT: 12.100 min Scan# 3222  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

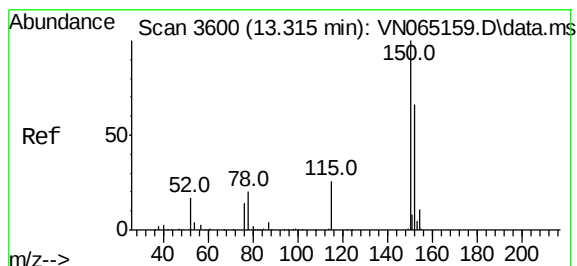
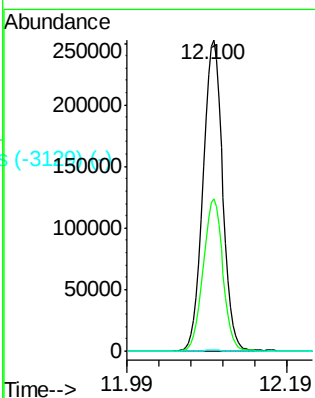
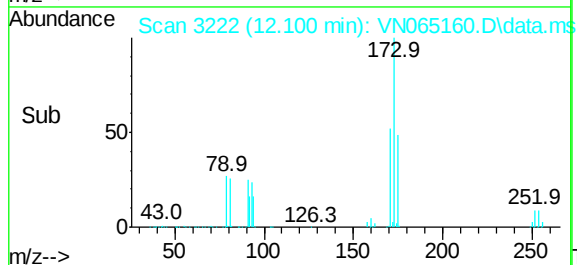
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ClientSampleId :  
VSTDIC100



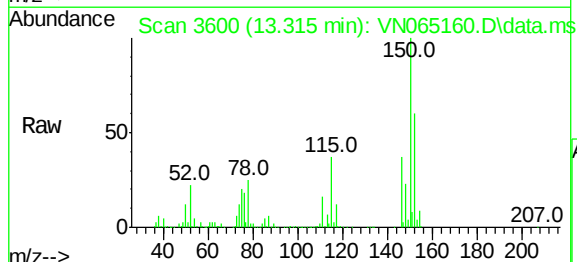
Tgt Ion:173 Resp: 443336  
Ion Ratio Lower Upper  
173 100  
175 49.1 24.1 72.2  
254 0.1 0.1 0.1#

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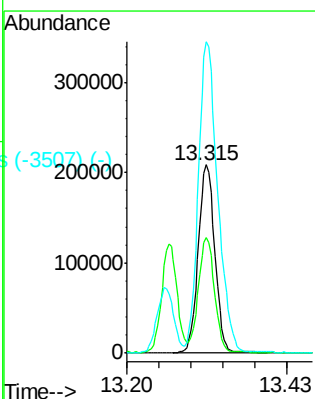
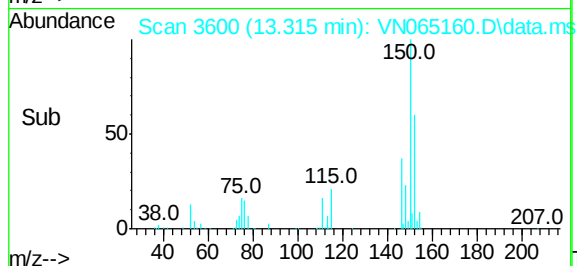
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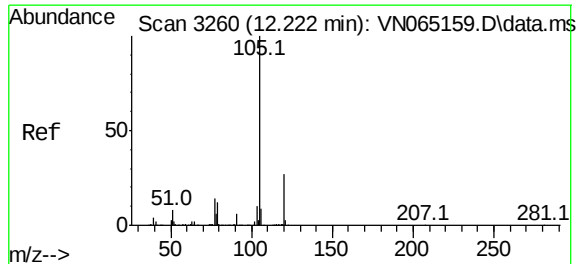


#3106 (-)  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.315 min Scan# 3600  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
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Tgt Ion:152 Resp: 346764  
Ion Ratio Lower Upper  
152 100  
115 59.6 28.5 85.5  
150 193.3 0.0 349.6



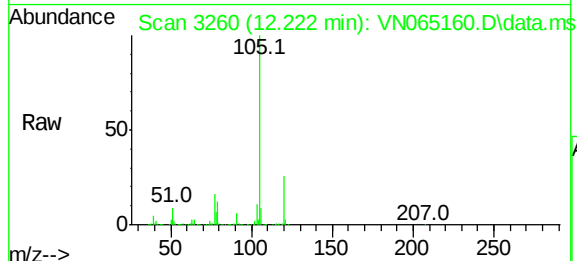


#3245 (-)  
Isopropylbenzene  
Concen: 117.59 ug/l  
RT: 12.222 min Scan# 3260  
Delta R.T. 0.000 min  
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Acq: 15 Dec 2020 23:18

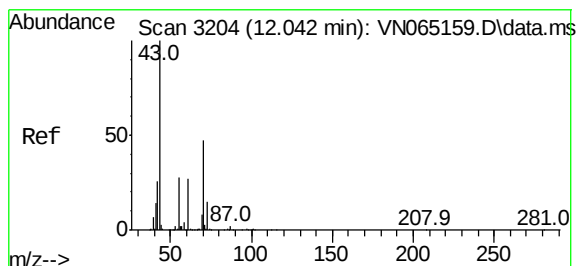
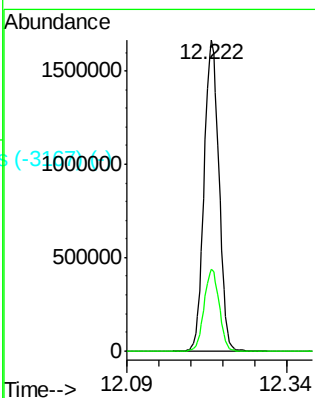
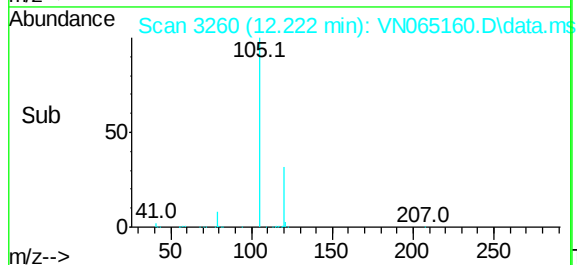
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ClientSampleId :  
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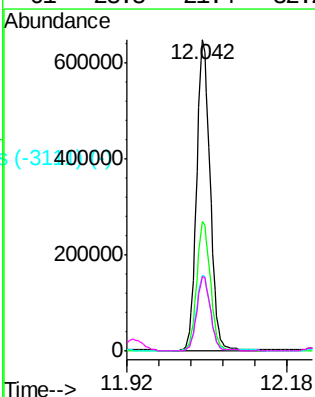
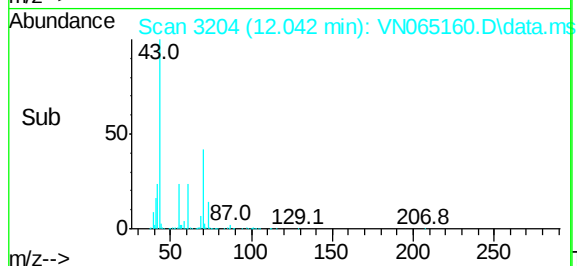
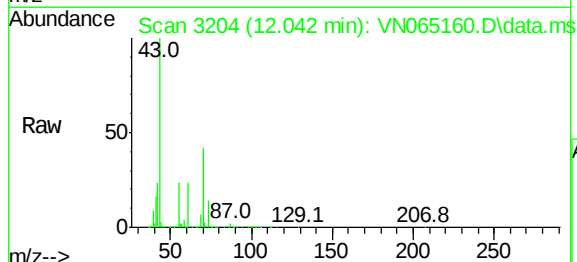


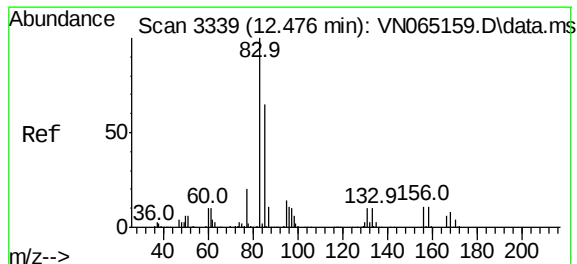
Tgt Ion:105 Resp: 2691512  
Ion Ratio Lower Upper  
105 100  
120 26.5 13.5 40.4



#3244 (-)  
N-ethyl acetate  
Concen: 113.18 ug/l  
RT: 12.042 min Scan# 3204  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
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Tgt Ion: 43 Resp: 983324  
Ion Ratio Lower Upper  
43 100  
70 41.7 37.8 56.6  
55 25.0 21.9 32.9  
61 23.8 21.4 32.2



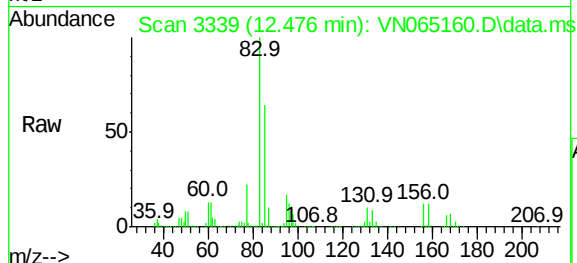


Scan 3339 (12.476 min): VN065159.D\data.ms (#3324) (-)  
 1,1,2,2-Tetrachloroethane  
 Concen: 105.50 ug/l  
 RT: 12.476 min Scan# 3339  
 Delta R.T. 0.000 min  
 Lab File: VN065160.D  
 Acq: 15 Dec 2020 23:18

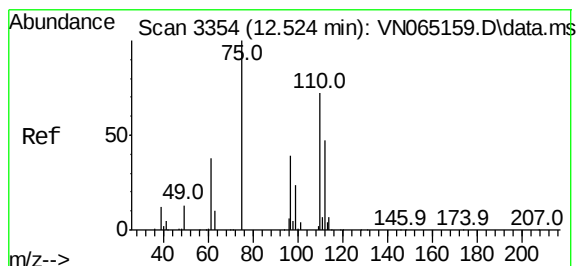
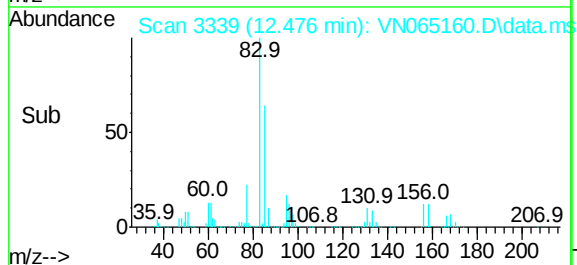
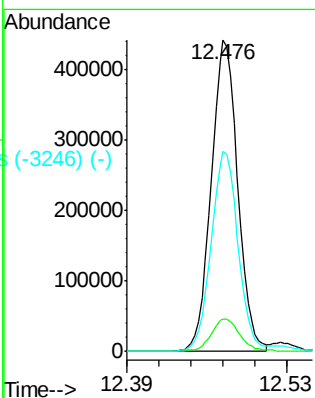
Instrument :  
 MSVOA\_N  
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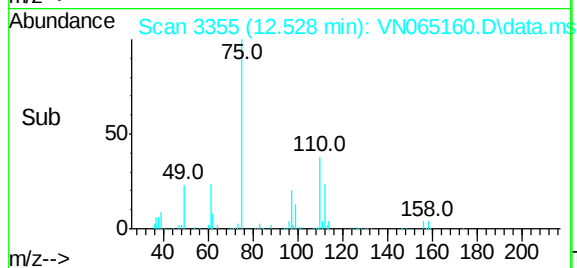
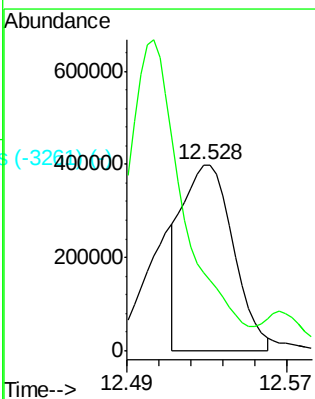
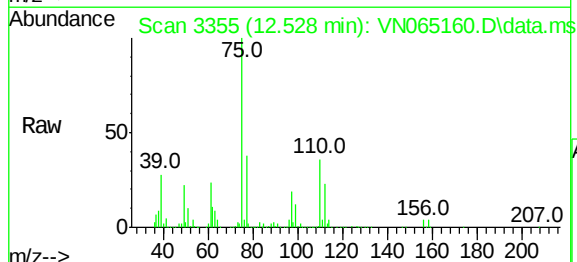


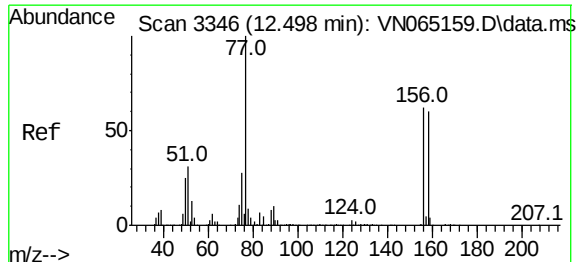
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 730458 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 131      | 10.7  | 5.1   | 15.4   |
| 85       | 65.0  | 32.1  | 96.3   |



Scan 3354 (12.524 min): VN065159.D\data.ms (#3349) (-)  
 1,2,3-Trichloropropane  
 Concen: 109.43 ug/l m  
 RT: 12.528 min Scan# 3355  
 Delta R.T. 0.003 min  
 Lab File: VN065160.D  
 Acq: 15 Dec 2020 23:18

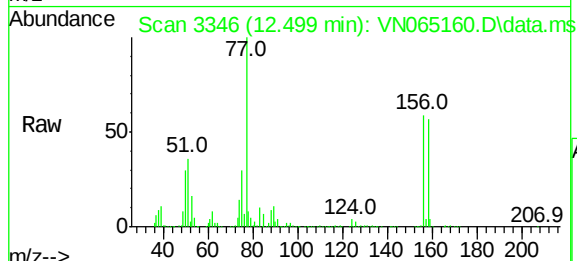
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 707636 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 77       | 0.0   | 0.0   | 0.0    |





#331 (-)  
Bromobenzene  
Concen: 102.67 ug/l  
RT: 12.499 min Scan# 3346  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

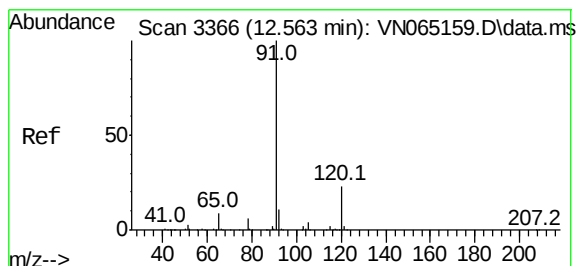
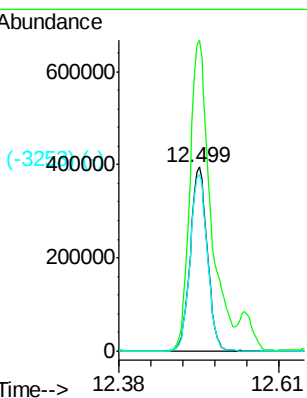
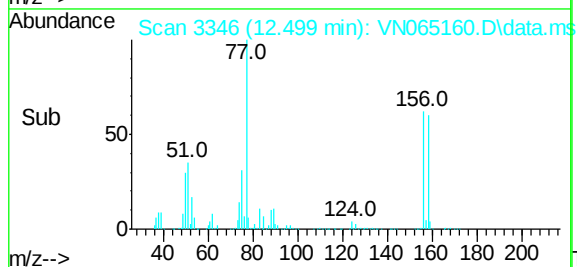
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100



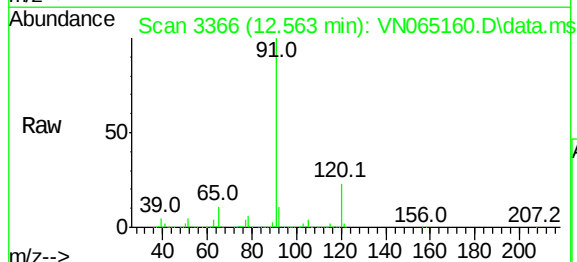
Tgt Ion:156 Resp: 654244  
Ion Ratio Lower Upper  
156 100  
77 206.7 97.9 293.7  
158 97.0 48.7 146.1

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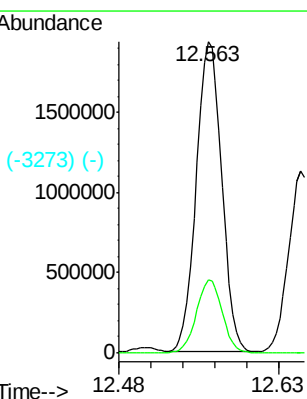
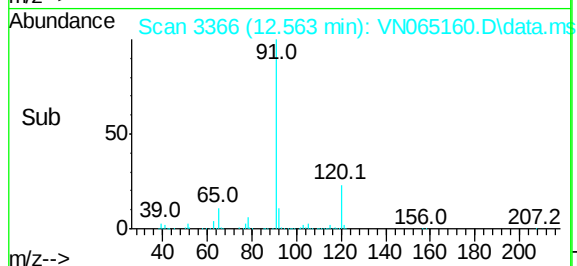
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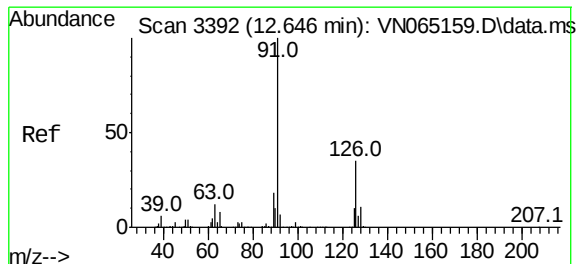


#335 (-)  
n-propylbenzene  
Concen: 118.85 ug/l  
RT: 12.563 min Scan# 3366  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18



Tgt Ion: 91 Resp: 3080452  
Ion Ratio Lower Upper  
91 100  
120 23.5 11.8 35.4



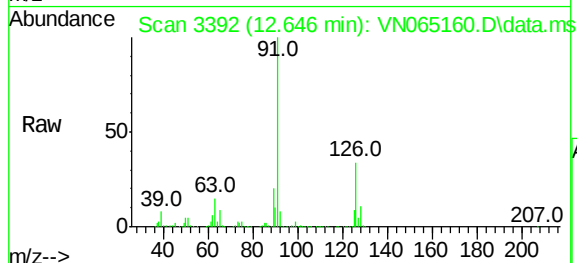


#3392 (-)  
2-Chlorotoluene  
Concen: 113.32 ug/l  
RT: 12.646 min Scan# 3392  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

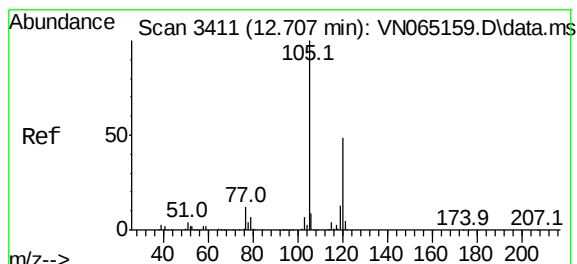
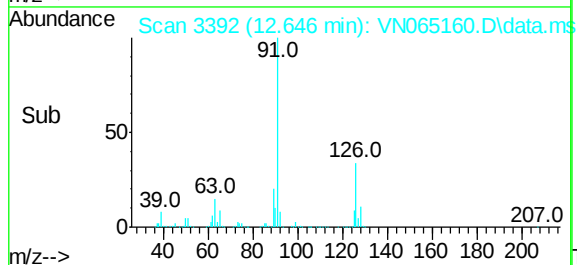
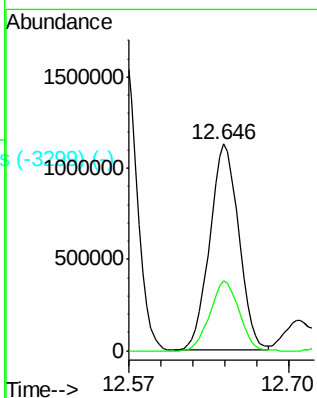
Instrument :  
MSVOA\_N  
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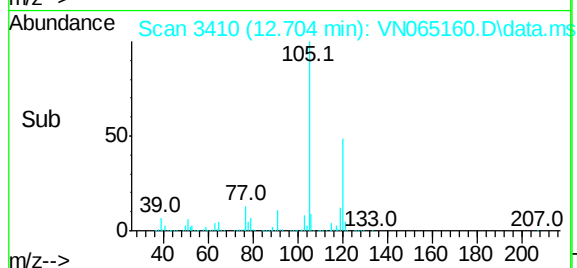
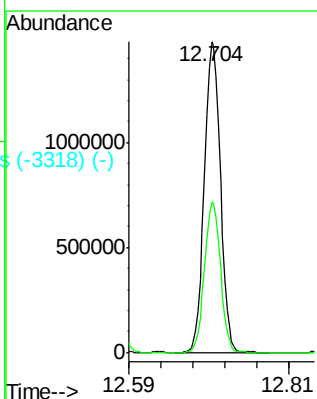
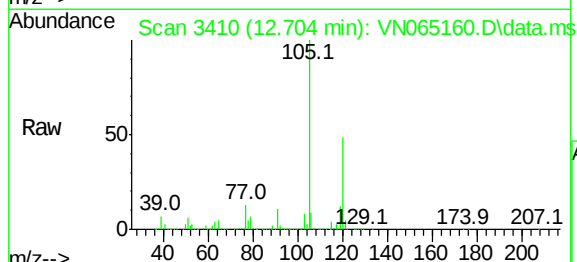


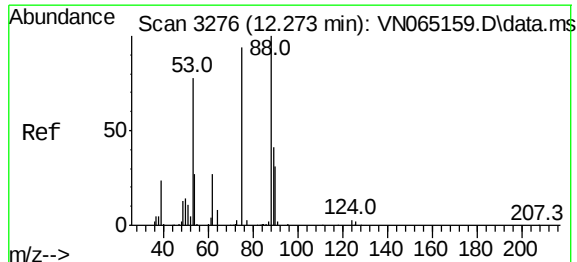
Tgt Ion: 91 Resp: 1822139  
Ion Ratio Lower Upper  
91 100  
126 34.1 17.5 52.6



#3411 (-)  
1,3,5-Trimethylbenzene  
Concen: 122.27 ug/l  
RT: 12.704 min Scan# 3410  
Delta R.T. -0.003 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

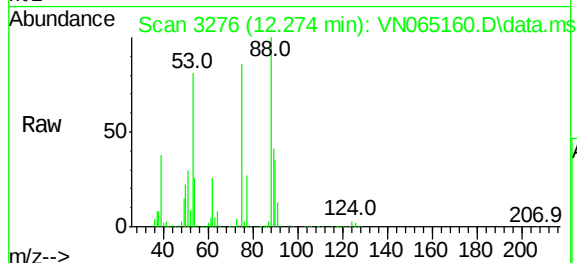
Tgt Ion: 105 Resp: 2333131  
Ion Ratio Lower Upper  
105 100  
120 48.4 24.6 73.8





#8166 (-)  
trans-1,4-Dichloro-2-butene  
Concen: 113.42 ug/l  
RT: 12.274 min Scan# 3276  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

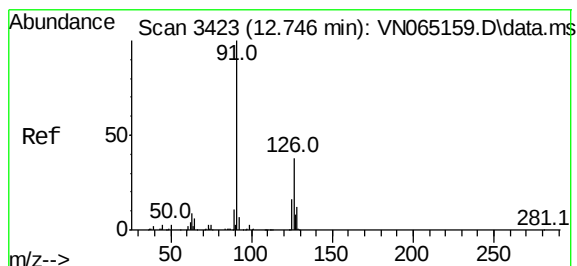
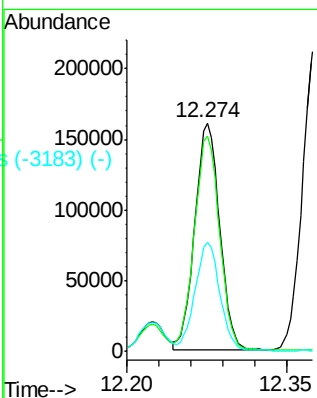
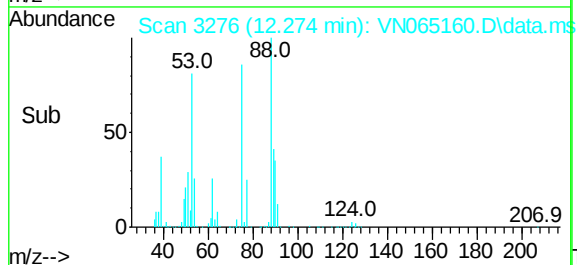
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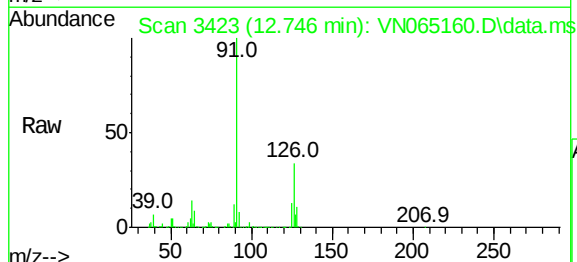
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 97.0  | 67.1  | 100.7 |
| 89      | 48.1  | 37.2  | 55.8  |

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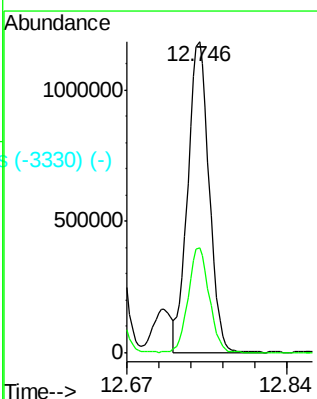
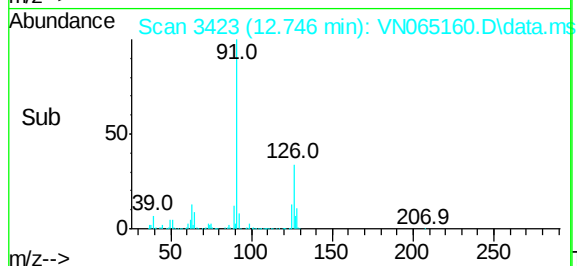
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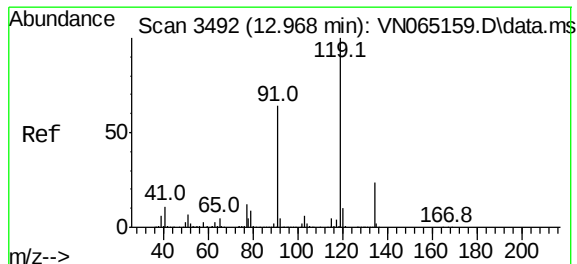


#8214 (-)  
4-Chlorotoluene  
Concen: 118.58 ug/l  
RT: 12.746 min Scan# 3423  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18



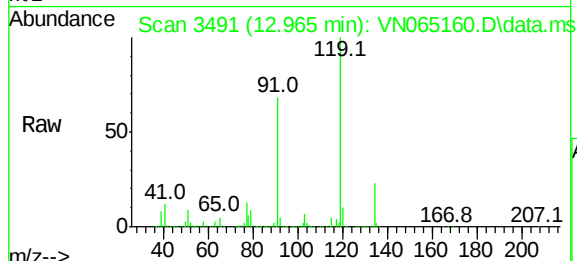
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 33.1  | 17.2  | 51.5  |





#8377 (-)  
tert-Butylbenzene  
Concen: 124.83 ug/l  
RT: 12.965 min Scan# 3491  
Delta R.T. -0.003 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

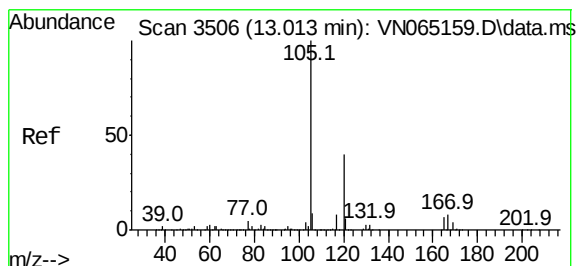
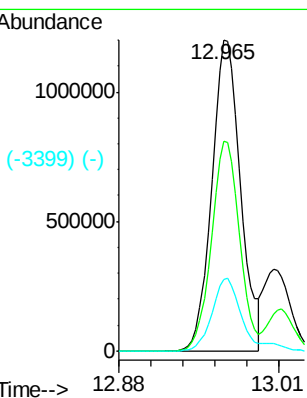
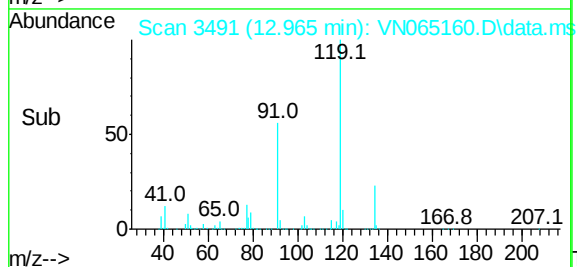
Instrument :  
MSVOA\_N  
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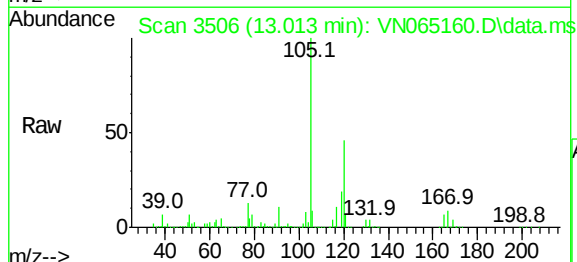
Tgt Ion:119 Resp: 1983544  
Ion Ratio Lower Upper  
119 100  
91 65.8 31.3 93.9  
134 24.5 12.6 37.8

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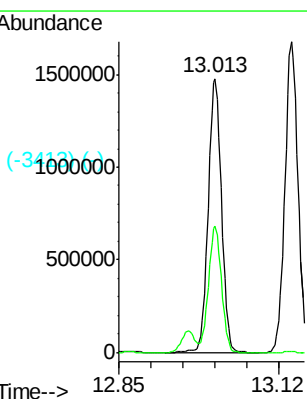
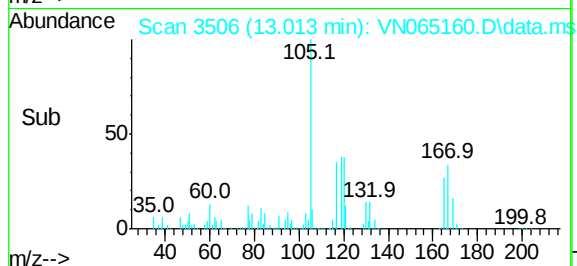
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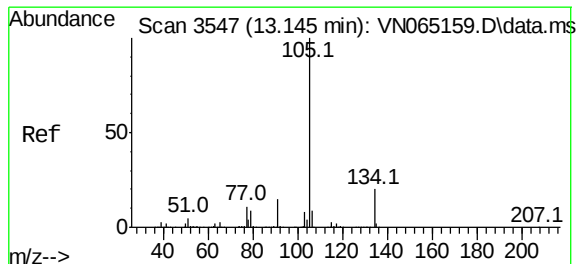


#8494 (-)  
1,2,4-Trimethylbenzene  
Concen: 123.26 ug/l  
RT: 13.013 min Scan# 3506  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18



Tgt Ion:105 Resp: 2366732  
Ion Ratio Lower Upper  
105 100  
120 45.3 22.9 68.5



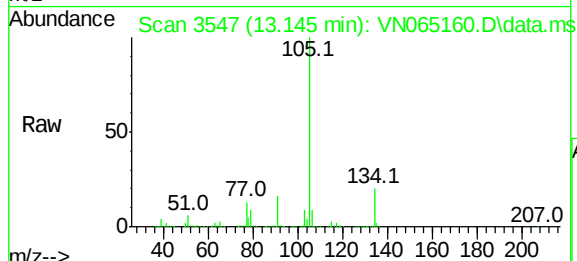


#3533 (-)  
 sec-Butylbenzene  
 Concen: 126.90 ug/l  
 RT: 13.145 min Scan# 3547  
 Delta R.T. 0.000 min  
 Lab File: VN065160.D  
 Acq: 15 Dec 2020 23:18

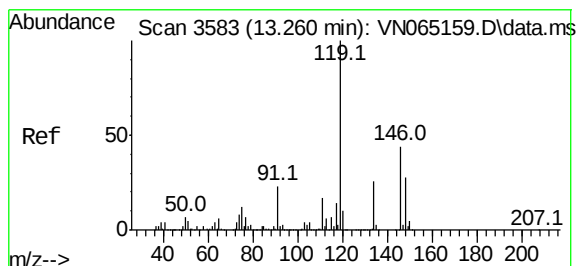
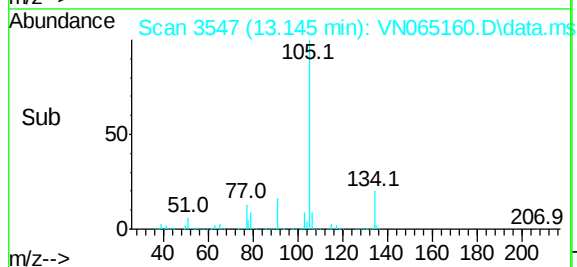
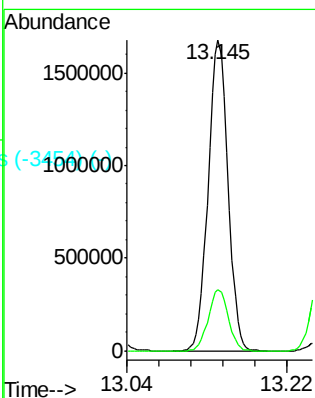
Instrument :  
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 ClientSampleId :  
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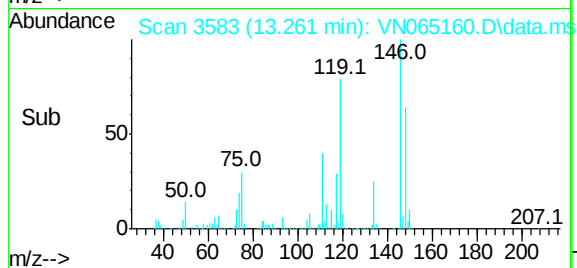
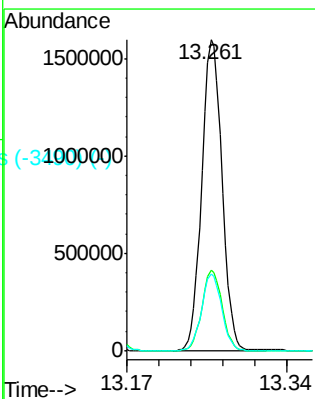
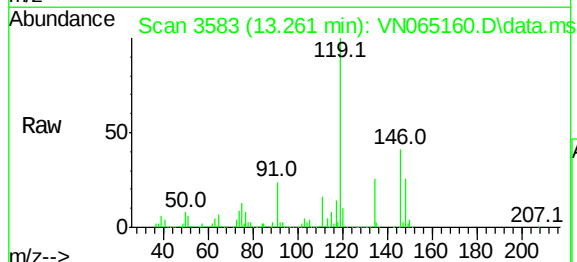


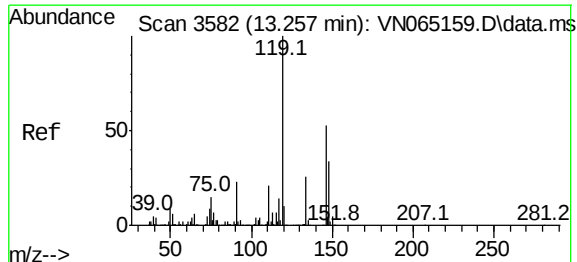
Tgt Ion:105 Resp: 2614841  
 Ion Ratio Lower Upper  
 105 100  
 134 19.8 10.0 30.0



#3570 (-)  
 p-Isopropyltoluene  
 Concen: 130.36 ug/l  
 RT: 13.261 min Scan# 3583  
 Delta R.T. 0.000 min  
 Lab File: VN065160.D  
 Acq: 15 Dec 2020 23:18

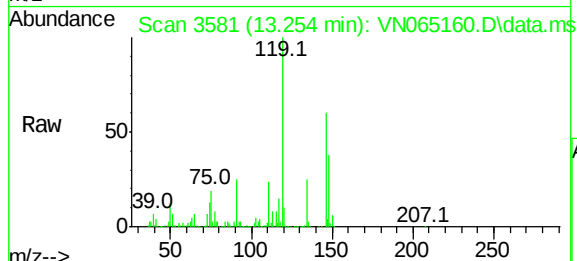
Tgt Ion:119 Resp: 2458874  
 Ion Ratio Lower Upper  
 119 100  
 134 25.7 13.3 39.8  
 91 24.3 11.5 34.5





#8367 (-)  
1,3-Dichlorobenzene  
Concen: 106.17 ug/l  
RT: 13.254 min Scan# 3581  
Delta R.T. -0.003 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

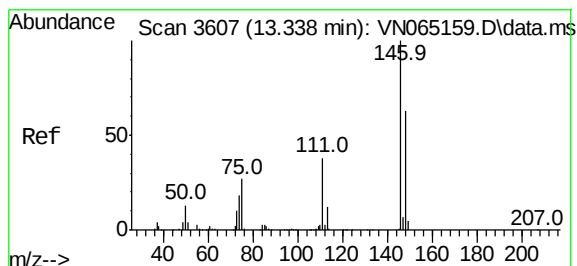
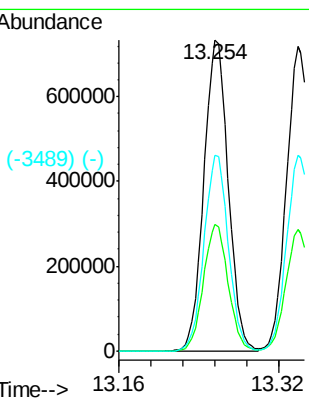
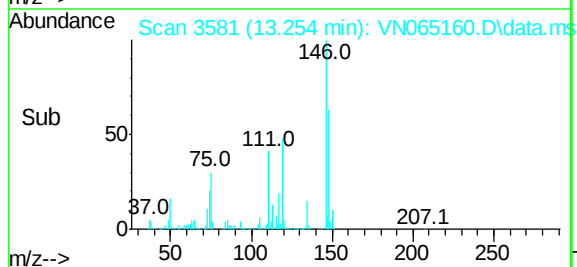
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100



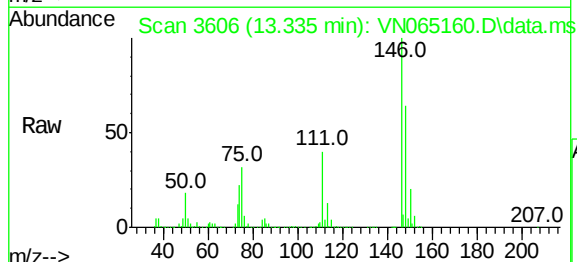
Tgt Ion:146 Resp: 1207640  
Ion Ratio Lower Upper  
146 100  
111 41.0 19.7 59.1  
148 62.9 32.1 96.3

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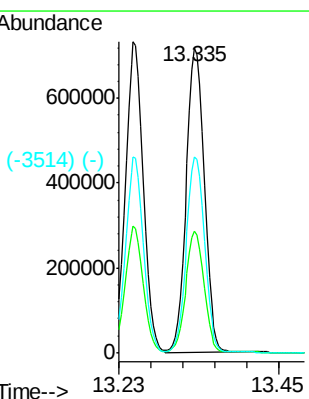
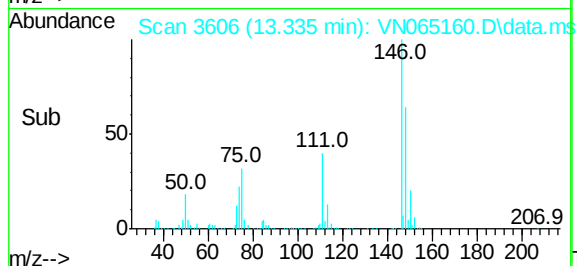
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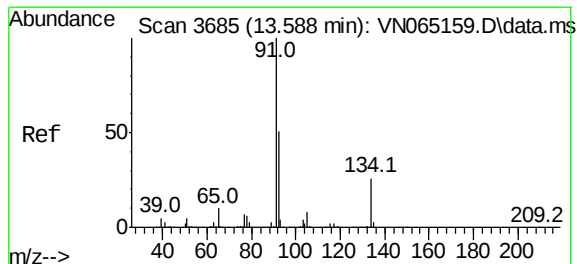


#8365 (-)  
1,4-Dichlorobenzene  
Concen: 101.58 ug/l  
RT: 13.335 min Scan# 3606  
Delta R.T. -0.003 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18



Tgt Ion:146 Resp: 1183830  
Ion Ratio Lower Upper  
146 100  
111 39.8 19.4 58.2  
148 65.0 31.6 95.0





#3688 (-)  
n-Butylbenzene  
Concen: 131.43 ug/l  
RT: 13.585 min Scan# 3684  
Delta R.T. -0.003 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

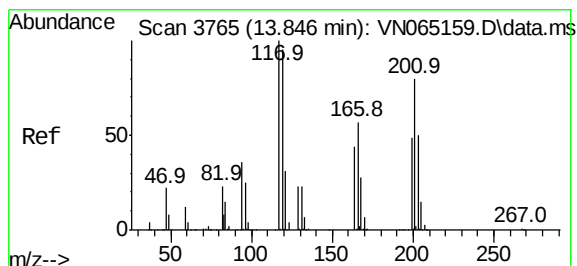
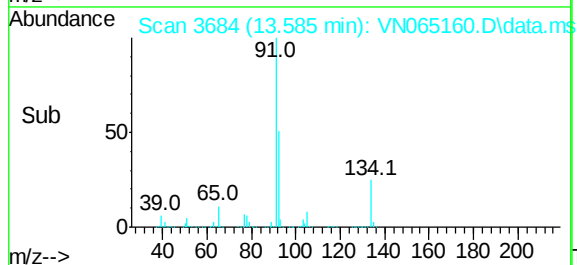
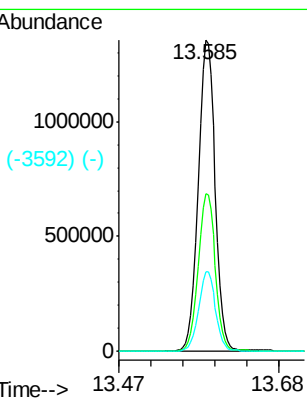
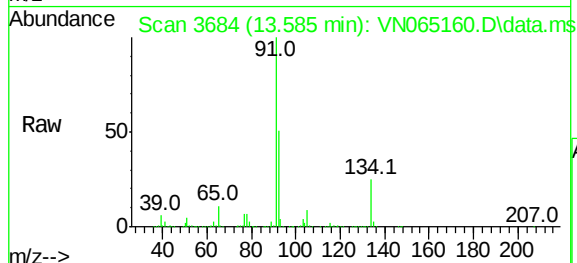
Tgt Ion: 91 Resp: 2065895

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 51.1  | 25.5  | 76.5  |
| 134 | 25.4  | 13.2  | 39.5  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

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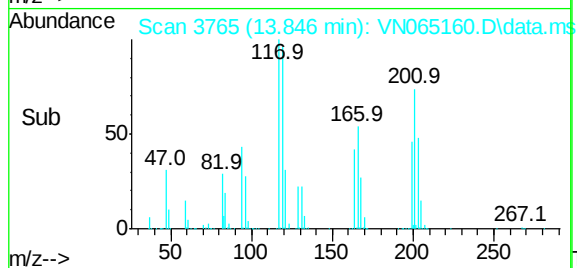
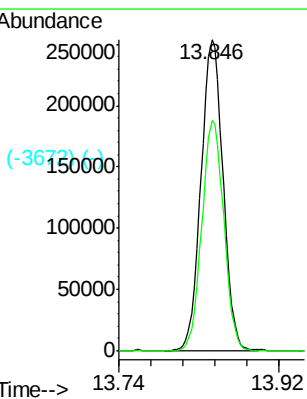
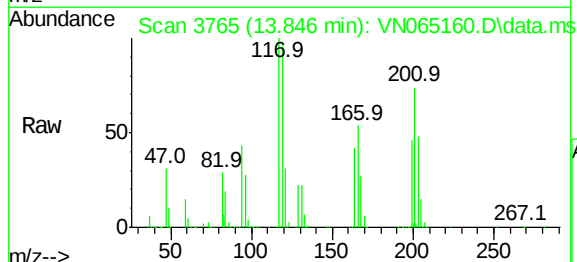
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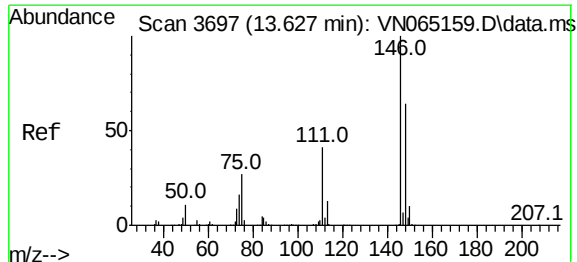


#3760 (-)  
Hexachloroethane  
Concen: 116.88 ug/l  
RT: 13.846 min Scan# 3765  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

Tgt Ion: 117 Resp: 427271

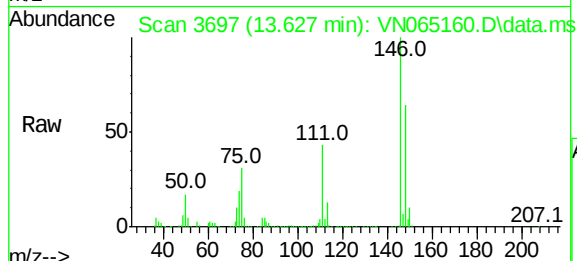
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 73.7  | 41.2  | 123.6 |





#981 (-)  
1,2-Dichlorobenzene  
Concen: 105.27 ug/l  
RT: 13.627 min Scan# 3697  
Delta R.T. 0.000 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

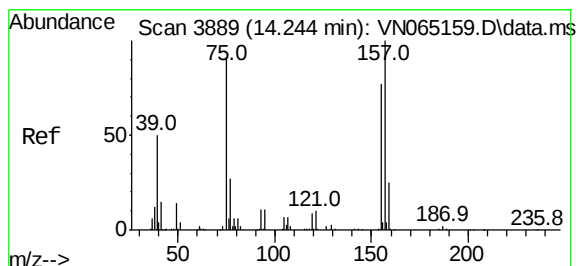
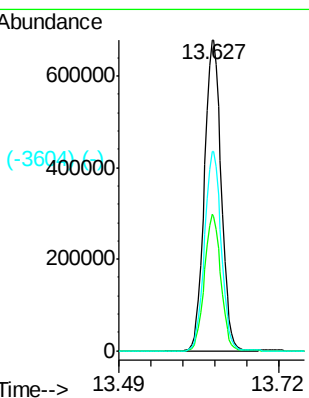
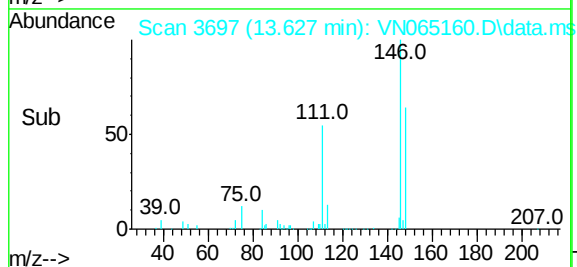
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100



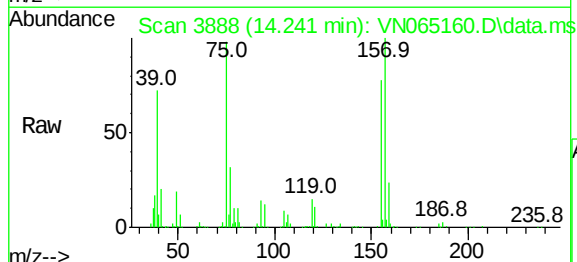
Tgt Ion:146 Resp: 1148990  
Ion Ratio Lower Upper  
146 100  
111 42.9 20.5 61.5  
148 63.5 31.9 95.9

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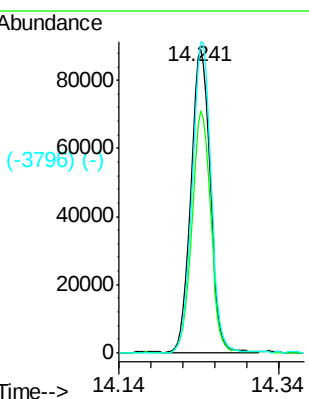
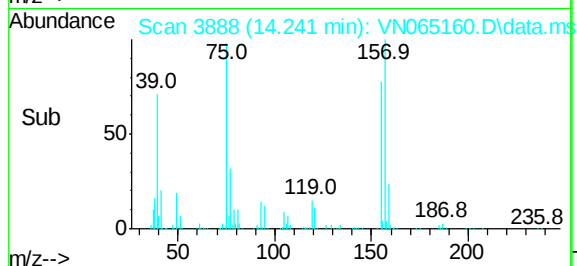
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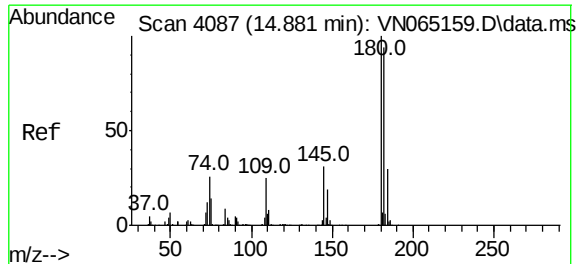


#982 (-)  
1,2-Dibromo-3-Chloropropane  
Concen: 112.18 ug/l  
RT: 14.241 min Scan# 3888  
Delta R.T. -0.003 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18



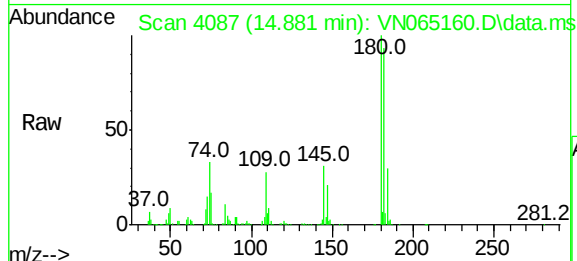
Tgt Ion: 75 Resp: 153080  
Ion Ratio Lower Upper  
75 100  
155 77.5 43.5 130.4  
157 99.7 56.0 168.0





Scan 4087 (14.881 min): VN065159.D\data.ms (-3972) (-)  
 1,2,4-Trichlorobenzene  
 Concen: 113.65 ug/l  
 RT: 14.881 min Scan# 4087  
 Delta R.T. 0.000 min  
 Lab File: VN065160.D  
 Acq: 15 Dec 2020 23:18

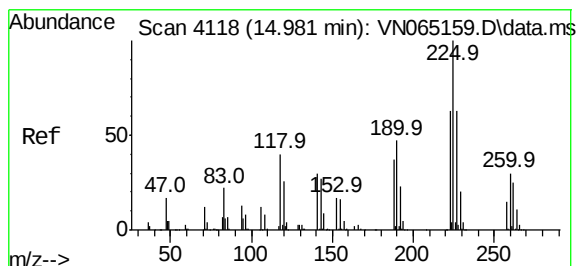
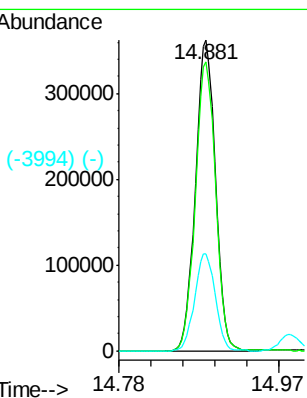
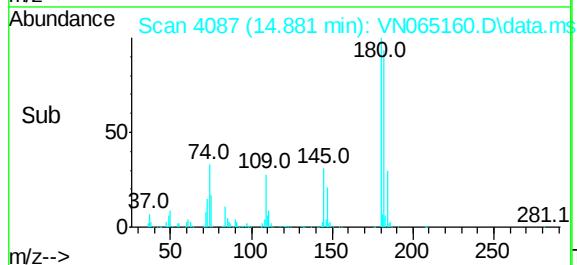
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100



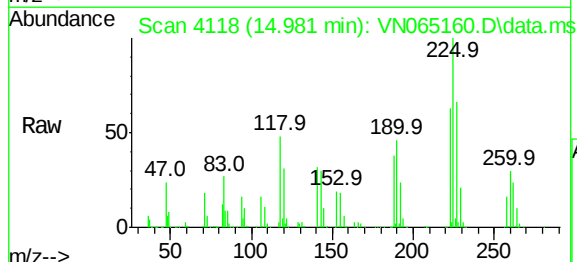
Tgt Ion:180 Resp: 589355  
 Ion Ratio Lower Upper  
 180 100  
 182 94.2 47.0 141.2  
 145 32.3 15.3 45.8

Manual Integrations  
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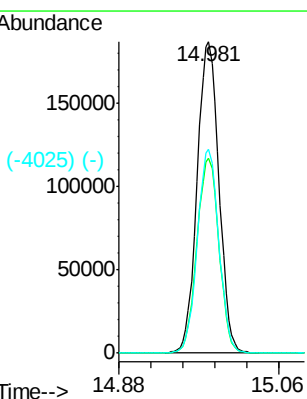
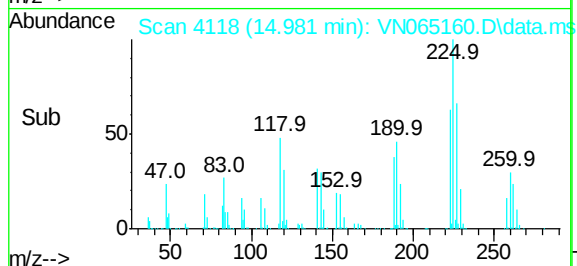
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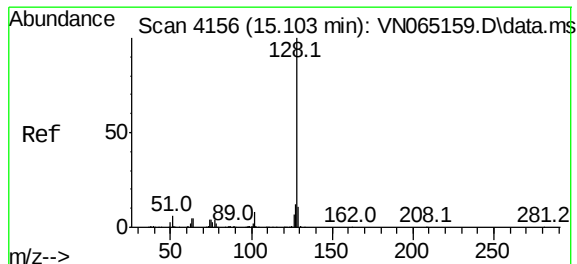


Scan 4118 (14.981 min): VN065159.D\data.ms (-3914) (-)  
 Hexachlorobutadiene  
 Concen: 88.38 ug/l  
 RT: 14.981 min Scan# 4118  
 Delta R.T. 0.000 min  
 Lab File: VN065160.D  
 Acq: 15 Dec 2020 23:18



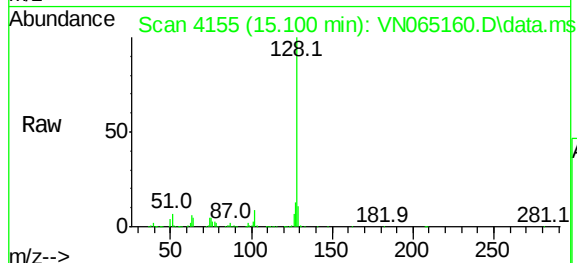
Tgt Ion:225 Resp: 309853  
 Ion Ratio Lower Upper  
 225 100  
 223 63.2 31.2 93.6  
 227 64.2 30.9 92.8





#2540 (-)  
Naphthalene  
Concen: 128.64 ug/l  
RT: 15.100 min Scan# 4155  
Delta R.T. -0.003 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18

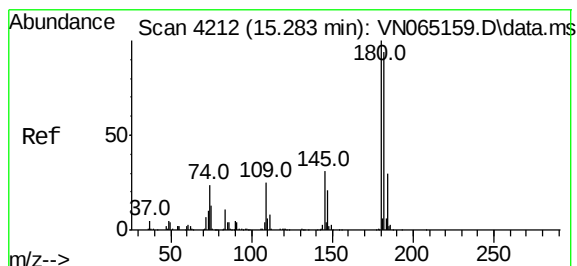
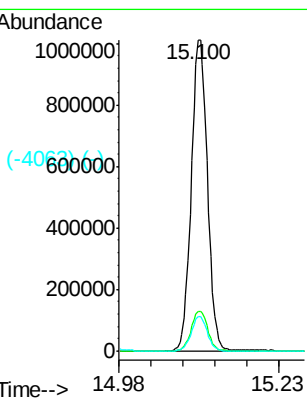
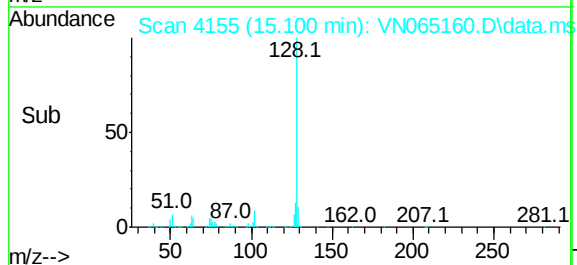
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100



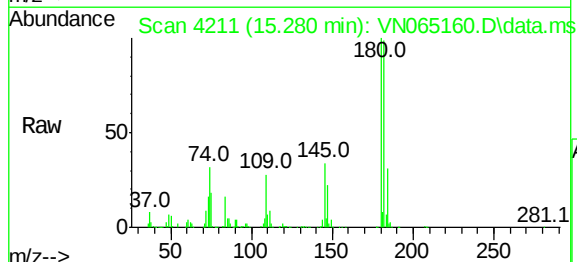
Tgt Ion:128 Resp: 1754460  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.2 15.2  
129 10.7 8.6 13.0

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#2546 (-)  
1,2,3-Trichlorobenzene  
Concen: 114.04 ug/l  
RT: 15.280 min Scan# 4211  
Delta R.T. -0.003 min  
Lab File: VN065160.D  
Acq: 15 Dec 2020 23:18



Tgt Ion:180 Resp: 547681  
Ion Ratio Lower Upper  
180 100  
182 95.6 47.6 142.9  
145 33.5 16.2 48.5

