

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY052621\  
 Data File : VY004874.D  
 Acq On : 26 May 2021 10:12  
 Operator : SY/MD  
 Sample : VY0526SBL01  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0526SBL01

Quant Time: May 27 01:12:24 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y051021S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 11 04:13:44 2021  
 Response via : Initial Calibration

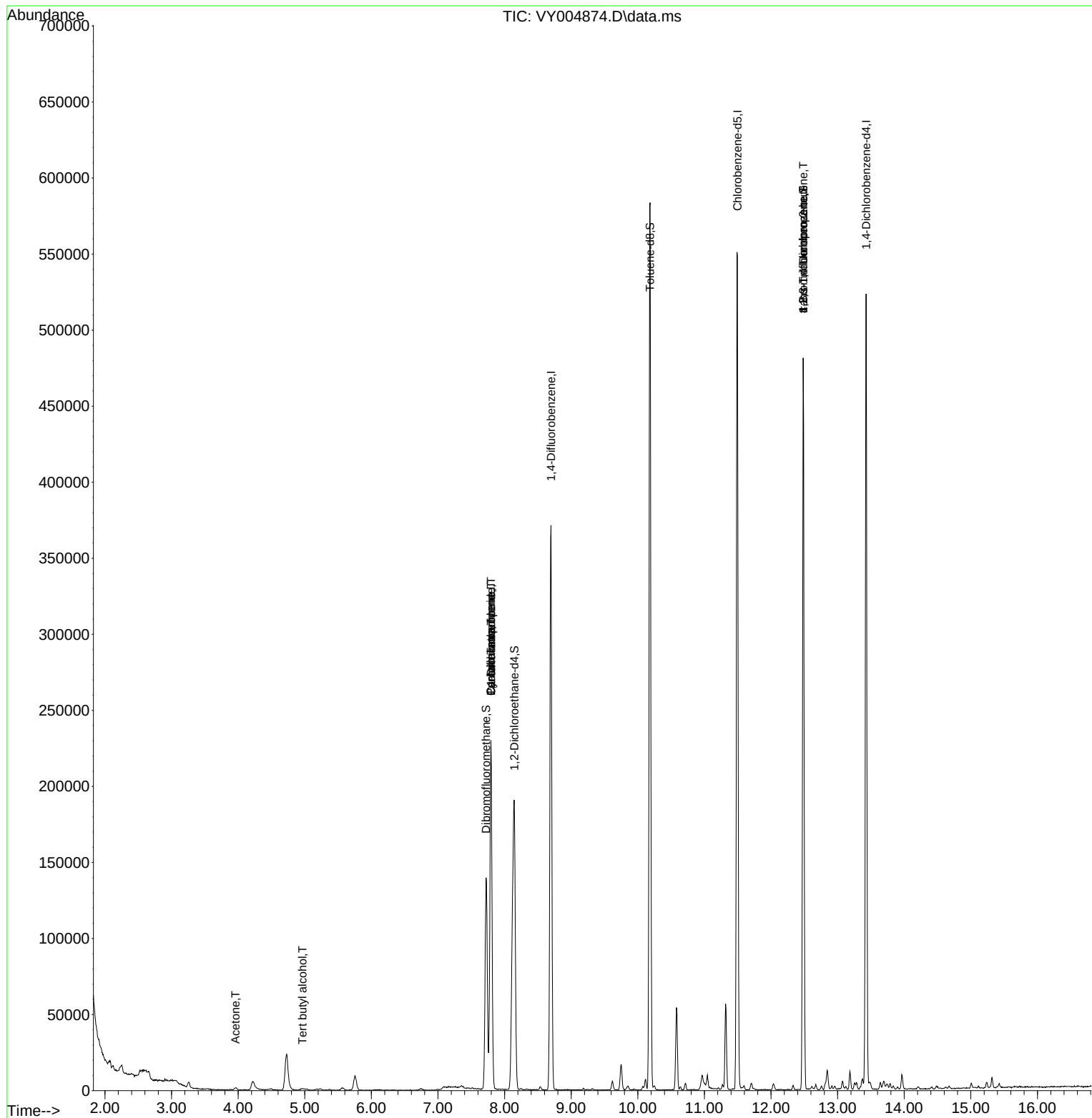
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) Pentafluorobenzene         | 7.795  | 168   | 166252   | 50.00    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.697  | 114   | 304522   | 50.00    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.496 | 117   | 286459   | 50.00    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.428 | 152   | 123978   | 50.00    | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.149  | 65    | 115417   | 58.32    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 50 - 163 | Recovery | =      | 116.64%  |
| 35) Dibromofluoromethane      | 7.722  | 113   | 97081    | 58.23    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 54 - 147 | Recovery | =      | 116.46%  |
| 50) Toluene-d8                | 10.185 | 98    | 368928   | 48.99    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 49 - 140 | Recovery | =      | 97.98%   |
| 62) 4-Bromofluorobenzene      | 12.483 | 95    | 126171   | 49.64    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 25 - 144 | Recovery | =      | 99.28%   |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 11) Tert butyl alcohol        | 4.966  | 59    | 2253     | 11.33    | ug/l # | 80       |
| 16) Acetone                   | 3.960  | 43    | 2919     | 6.57     | ug/l   | 95       |
| 20) Methylene Chloride        | 4.729  | 84    | 17198    | Below    | Cal    | 97       |
| 31) Cyclohexane               | 7.795  | 56    | 4358     | 1.36     | ug/l # | 1        |
| 36) 1,1-Dichloropropene       | 7.795  | 75    | 14813    | 4.75     | ug/l # | 50       |
| 38) Carbon Tetrachloride      | 7.795  | 117   | 17548    | 6.26     | ug/l # | 15       |
| 76) 1,2,3-Trichloropropane    | 12.483 | 75    | 69209    | 52.56    | ug/l # | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.483 | 75    | 69209    | 91.13    | ug/l # | 13       |
| -----                         |        |       |          |          |        |          |

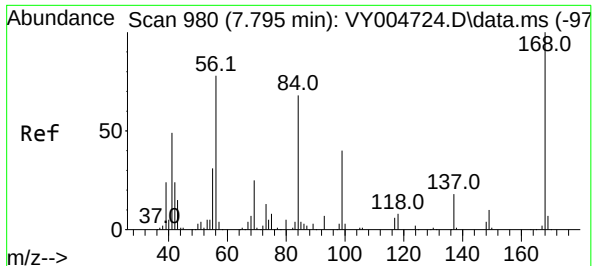
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y051021S.M  
Quant Title : SW846 8260  
QLast Update : Tue May 11 04:13:44 2021  
Response via : Initial Calibration

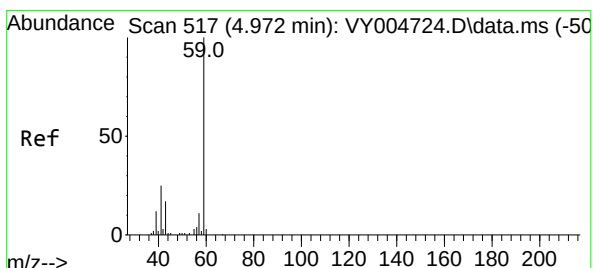
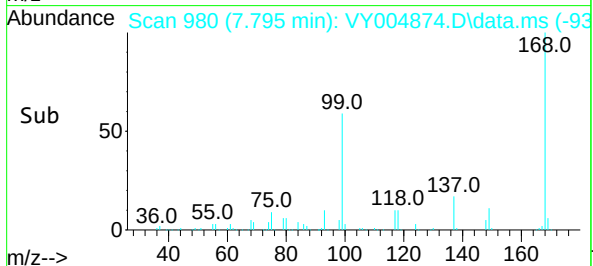
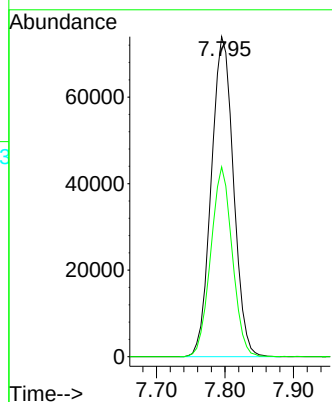
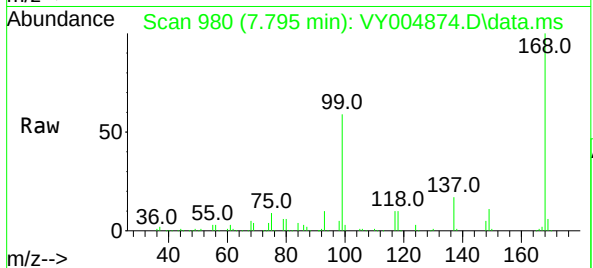




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. 0.000 min  
Lab File: VY004874.D  
Acq: 26 May 2021 10:12

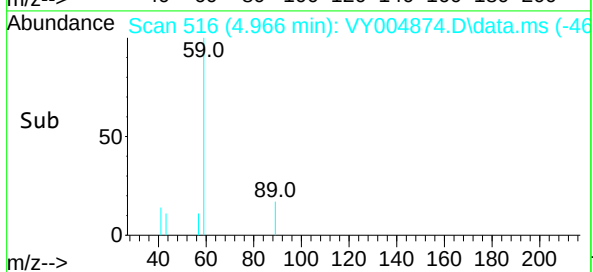
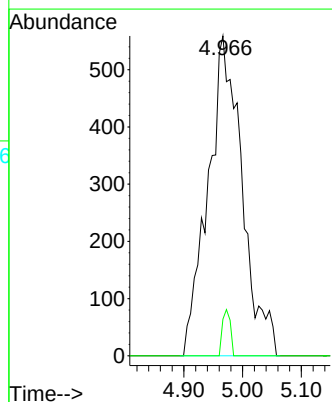
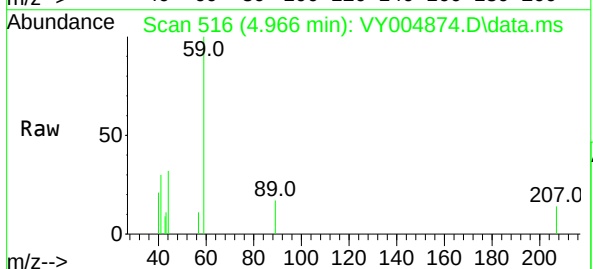
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0526SBL01

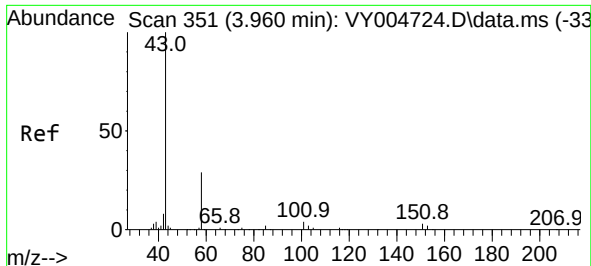
Tgt Ion:168 Resp: 166252  
Ion Ratio Lower Upper  
168 100  
99 59.3 45.6 68.4



#11  
Tert butyl alcohol  
Concen: 11.33 ug/l  
RT: 4.966 min Scan# 516  
Delta R.T. -0.006 min  
Lab File: VY004874.D  
Acq: 26 May 2021 10:12

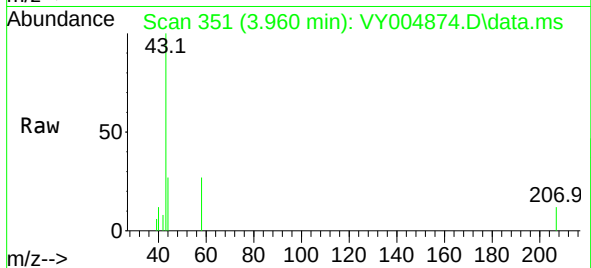
Tgt Ion: 59 Resp: 2253  
Ion Ratio Lower Upper  
59 100  
57 3.4 8.7 13.1#



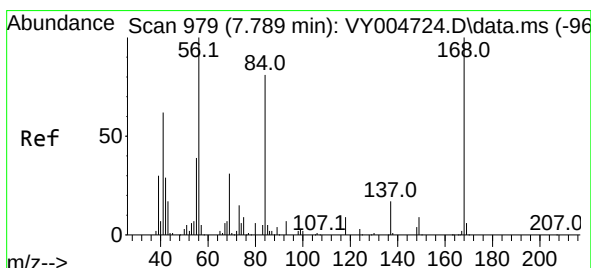
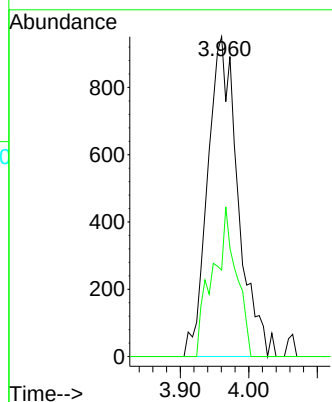
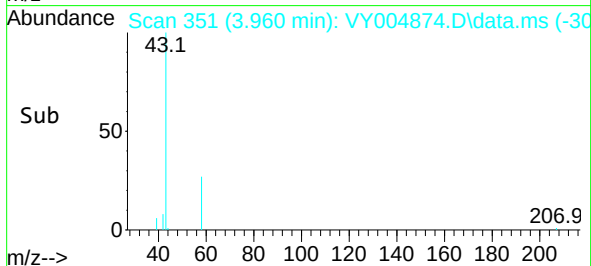


#16  
Acetone  
Concen: 6.57 ug/l  
RT: 3.960 min Scan# 351  
Delta R.T. 0.000 min  
Lab File: VY004874.D  
Acq: 26 May 2021 10:12

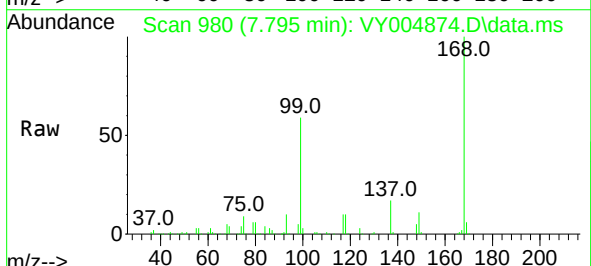
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0526SBL01



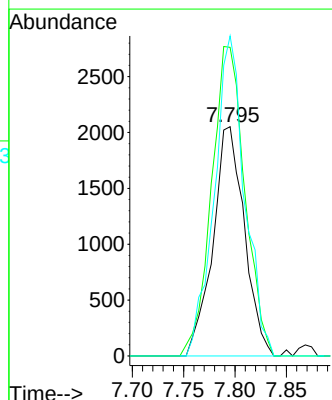
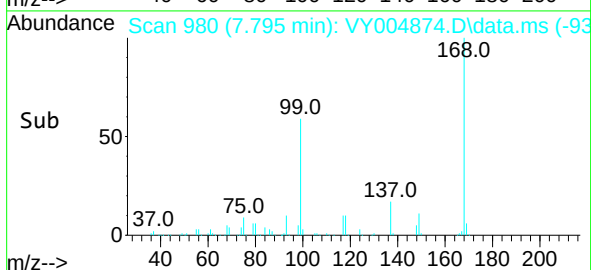
Tgt Ion: 43 Resp: 2919  
Ion Ratio Lower Upper  
43 100  
58 27.0 23.6 35.4

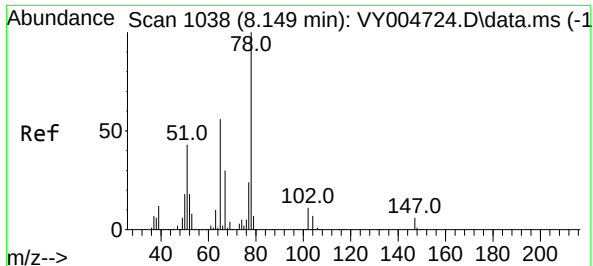


#31  
Cyclohexane  
Concen: 1.36 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. 0.006 min  
Lab File: VY004874.D  
Acq: 26 May 2021 10:12



Tgt Ion: 56 Resp: 4358  
Ion Ratio Lower Upper  
56 100  
69 134.6 24.4 36.6#  
84 139.6 64.8 97.2#

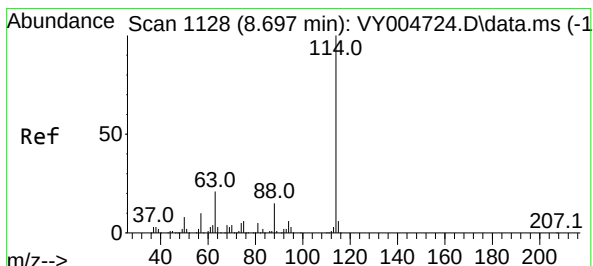
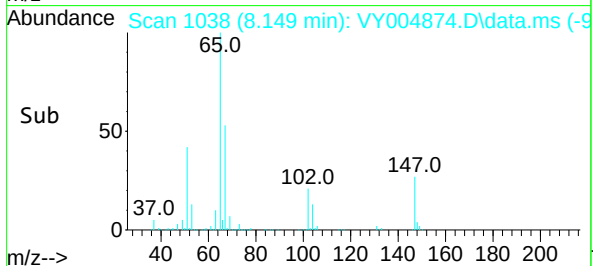
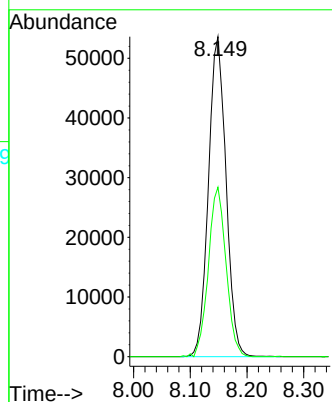
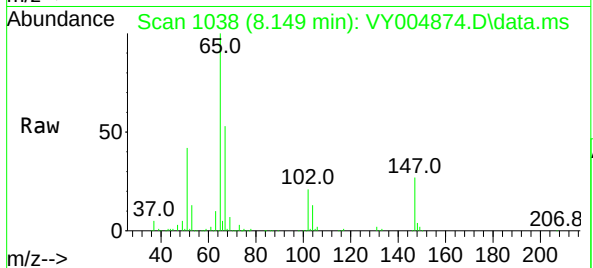




#33  
1,2-Dichloroethane-d4  
Concen: 58.32 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: VY004874.D  
Acq: 26 May 2021 10:12

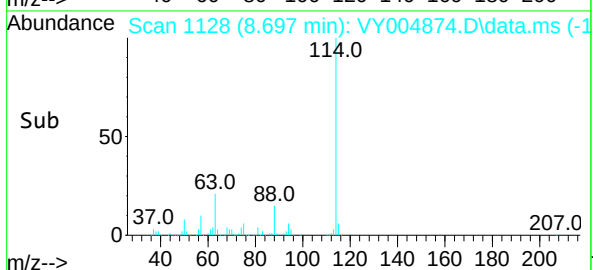
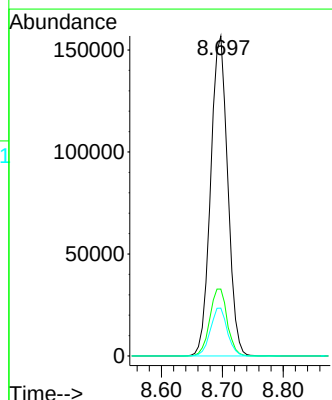
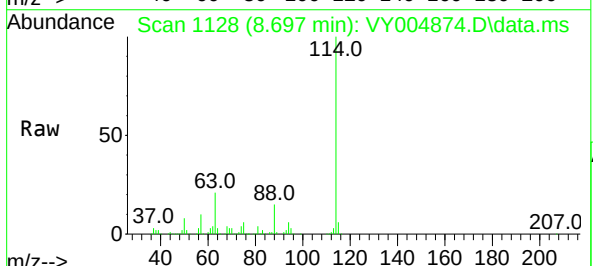
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0526SBL01

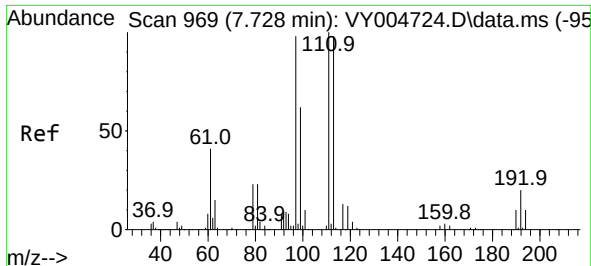
Tgt Ion: 65 Resp: 115417  
Ion Ratio Lower Upper  
65 100  
67 53.2 0.0 108.0



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. 0.000 min  
Lab File: VY004874.D  
Acq: 26 May 2021 10:12

Tgt Ion: 114 Resp: 304522  
Ion Ratio Lower Upper  
114 100  
63 20.9 0.0 42.8  
88 14.9 0.0 31.0

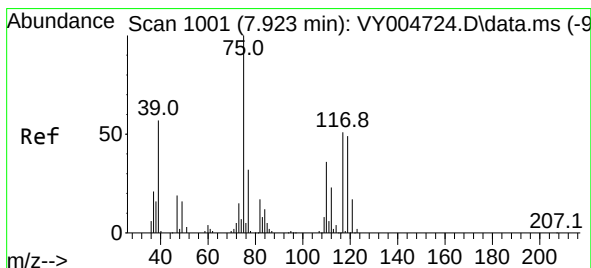
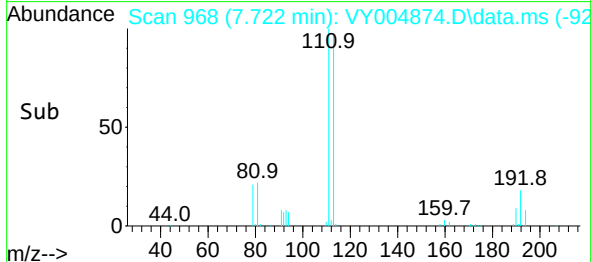
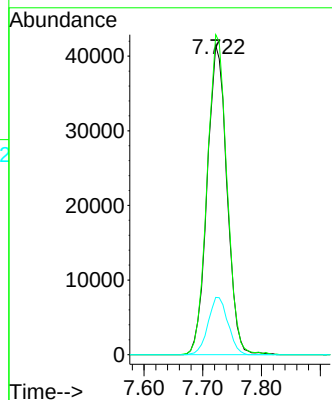
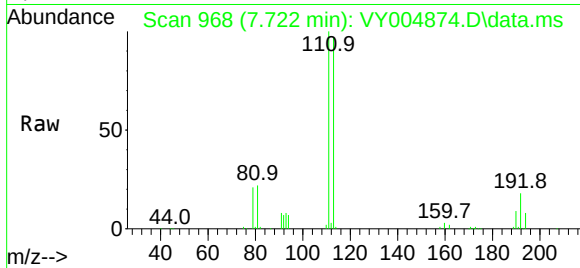




#35  
Dibromofluoromethane  
Concen: 58.23 ug/l  
RT: 7.722 min Scan# 968  
Delta R.T. -0.006 min  
Lab File: VY004874.D  
Acq: 26 May 2021 10:12

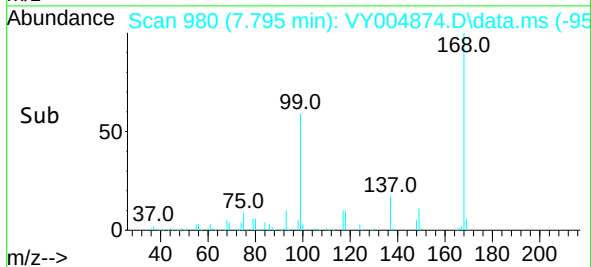
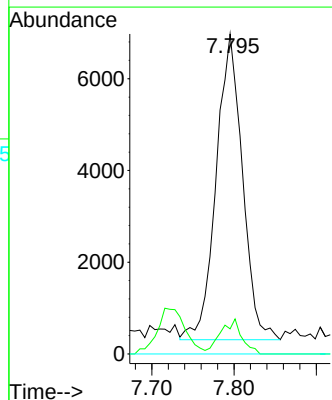
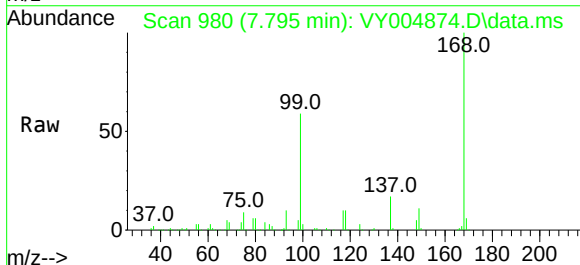
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0526SBL01

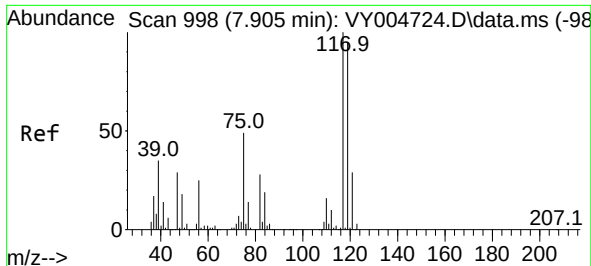
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 97081 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 103.3 | 80.5  | 120.7 |
| 192      | 18.6  | 15.0  | 22.6  |



#36  
1,1-Dichloropropene  
Concen: 4.75 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. -0.128 min  
Lab File: VY004874.D  
Acq: 26 May 2021 10:12

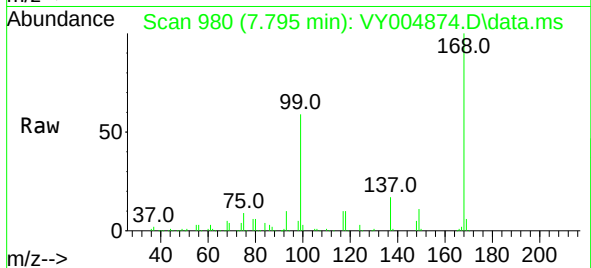
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 14813 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 9.2   | 17.0  | 50.9# |
| 77       | 0.0   | 25.0  | 37.4# |



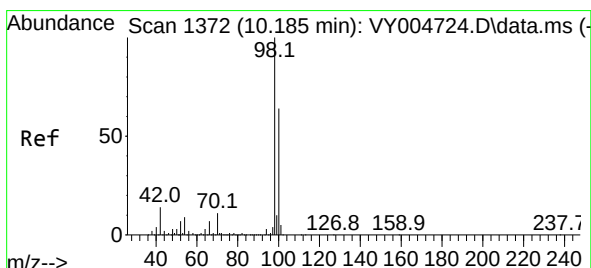
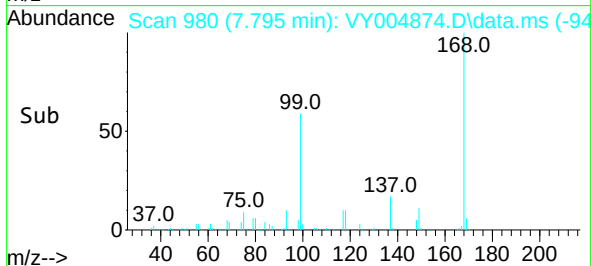
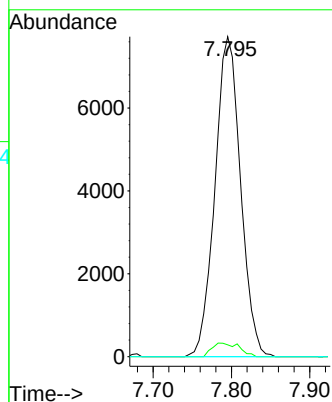


#38  
Carbon Tetrachloride  
Concen: 6.26 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. -0.110 min  
Lab File: VY004874.D  
Acq: 26 May 2021 10:12

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0526SBL01

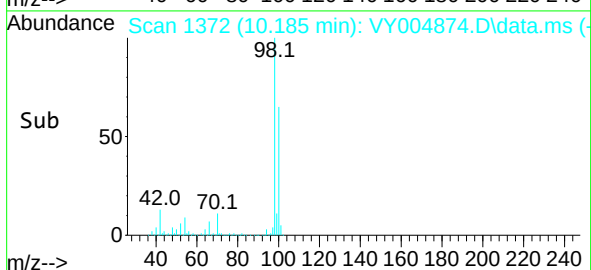
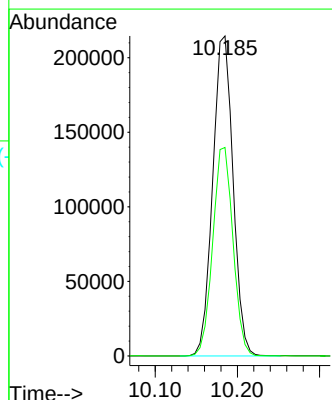
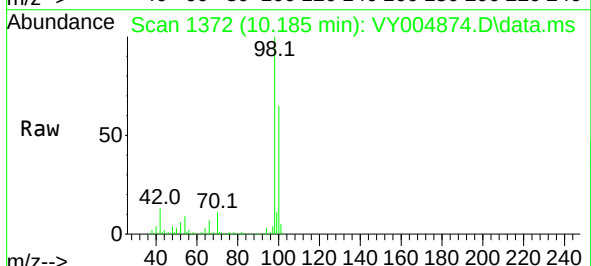


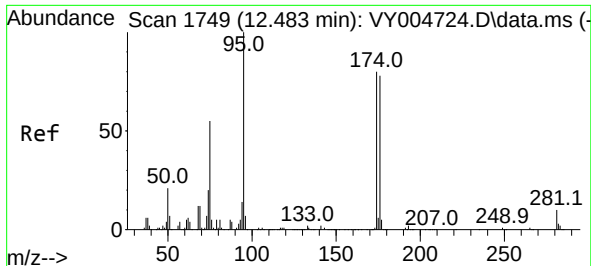
Tgt Ion: 117 Resp: 17548  
Ion Ratio Lower Upper  
117 100  
119 3.7 76.3 114.5#  
121 0.0 23.0 34.6#



#50  
Toluene-d8  
Concen: 48.99 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. 0.000 min  
Lab File: VY004874.D  
Acq: 26 May 2021 10:12

Tgt Ion: 98 Resp: 368928  
Ion Ratio Lower Upper  
98 100  
100 64.8 51.5 77.3

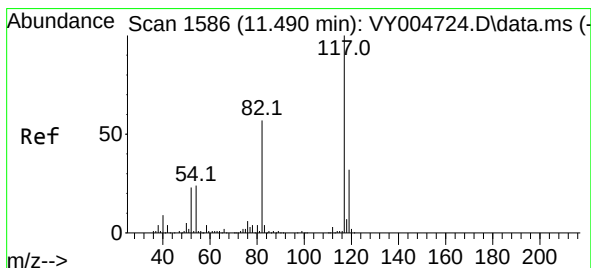
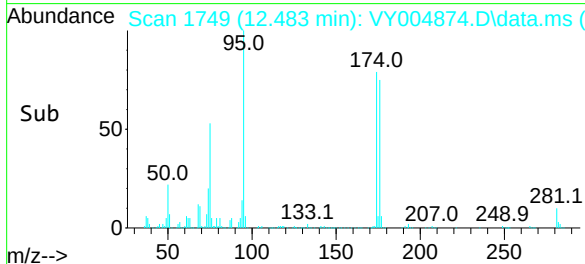
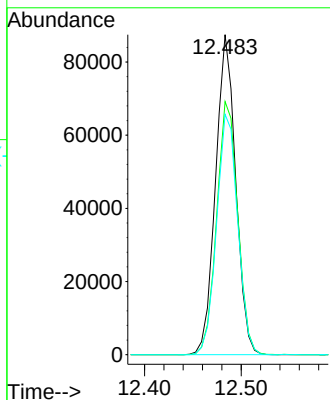
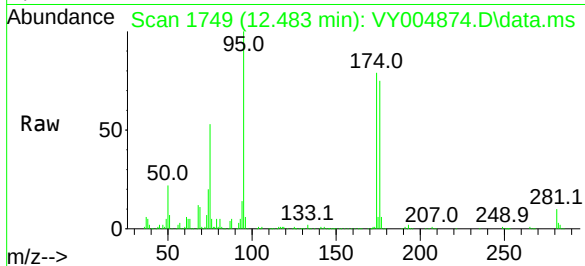




#62  
4-Bromofluorobenzene  
Concen: 49.64 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY004874.D  
Acq: 26 May 2021 10:12

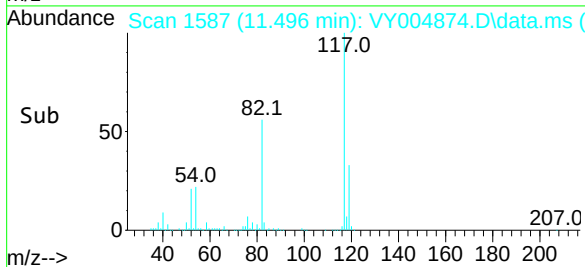
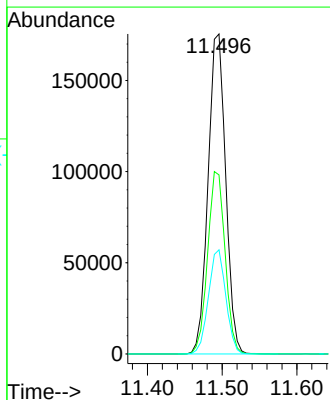
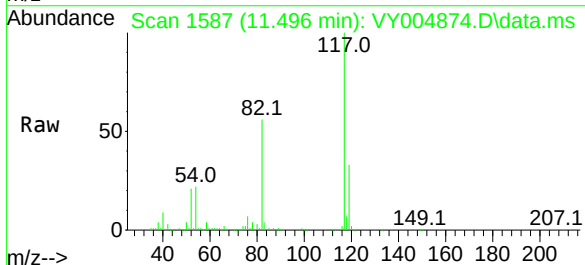
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0526SBL01

Tgt Ion: 95 Resp: 126171  
Ion Ratio Lower Upper  
95 100  
174 82.7 0.0 164.2  
176 78.7 0.0 159.0

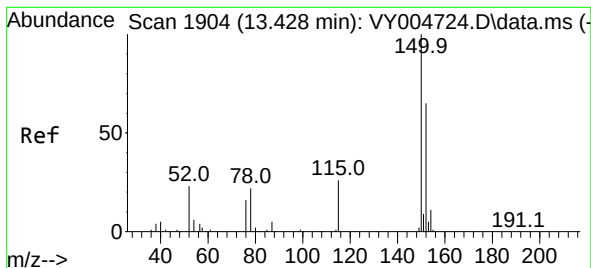


#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. 0.006 min  
Lab File: VY004874.D  
Acq: 26 May 2021 10:12

Tgt Ion: 117 Resp: 286459  
Ion Ratio Lower Upper  
117 100  
82 55.9 45.4 68.2  
119 32.5 25.8 38.6



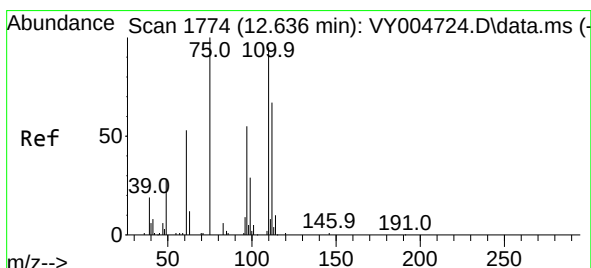
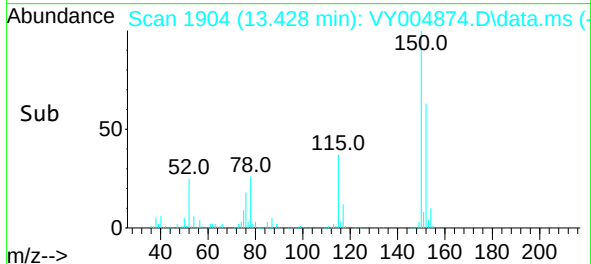
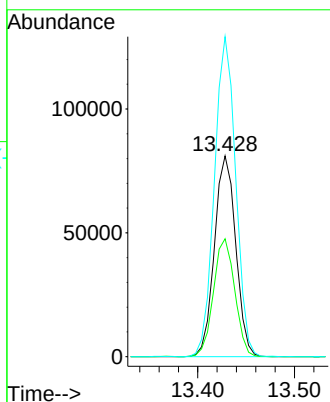
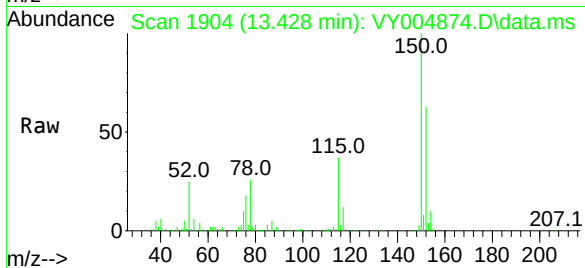




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VY004874.D  
Acq: 26 May 2021 10:12

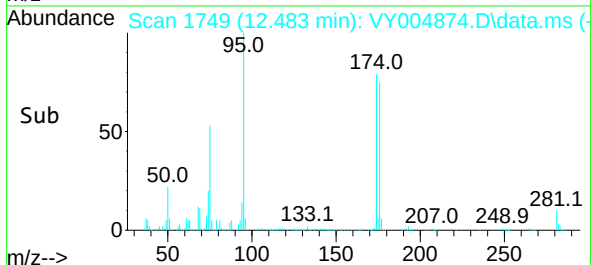
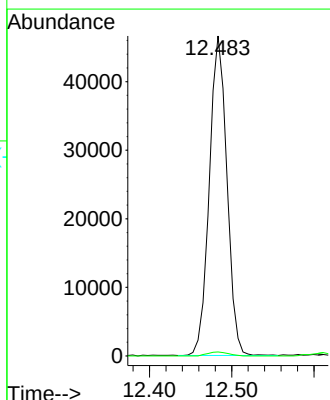
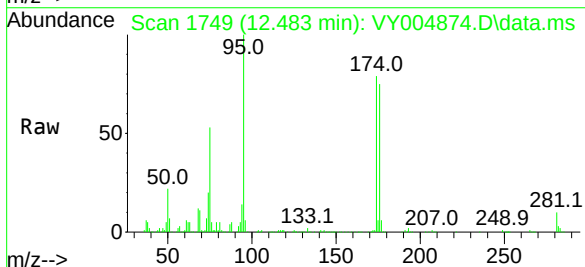
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0526SBL01

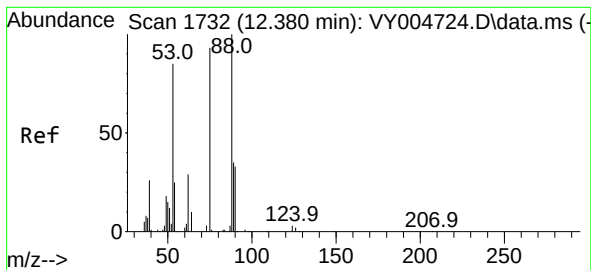
Tgt Ion:152 Resp: 123978  
Ion Ratio Lower Upper  
152 100  
115 58.8 29.4 88.3  
150 159.1 0.0 349.8



#76  
1,2,3-Trichloropropane  
Concen: 52.56 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.152 min  
Lab File: VY004874.D  
Acq: 26 May 2021 10:12

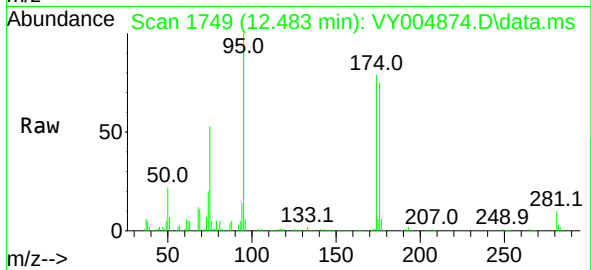
Tgt Ion: 75 Resp: 69209  
Ion Ratio Lower Upper  
75 100  
77 1.5 0.0 0.0#





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 91.13 ug/l  
 RT: 12.483 min Scan# 1749  
 Delta R.T. 0.104 min  
 Lab File: VY004874.D  
 Acq: 26 May 2021 10:12

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0526SBL01



Tgt Ion: 75 Resp: 69209  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 73.9 110.9#  
 89 0.2 35.5 53.3#

