

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY030322\  
 Data File : VY007727.D  
 Acq On : 04 Mar 2022 01:20  
 Operator : SY/MD  
 Sample : N1730-06  
 Misc : 6.34g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 11-12-SAMPLE-LOCATION-6

Quant Time: Mar 04 07:30:56 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y022822S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 01 09:08:03 2022  
 Response via : Initial Calibration

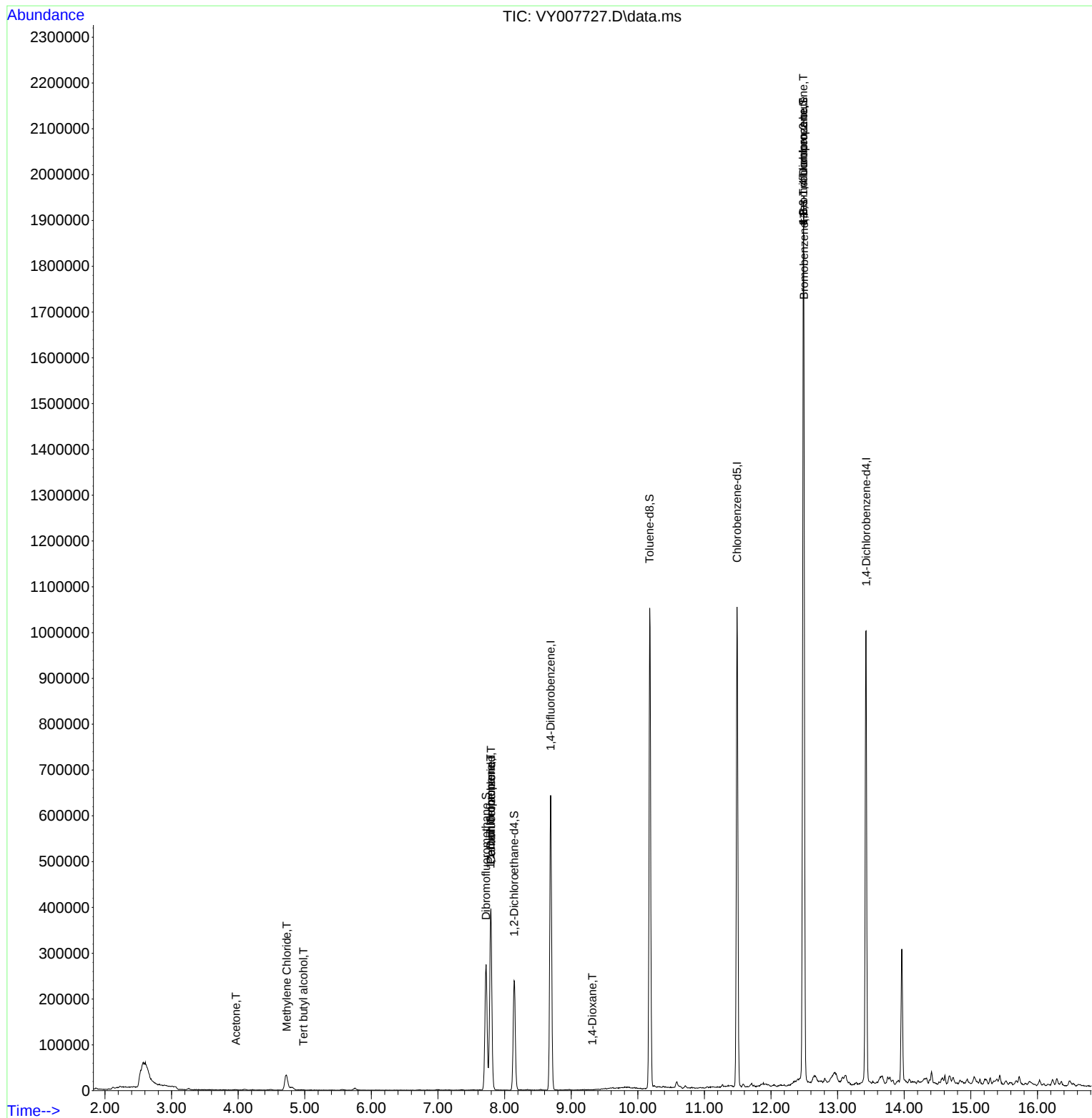
| Compound                      | R.T.   | QIon  | Response | Conc      | Units      | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|------------|----------|
| -----                         |        |       |          |           |            |          |
| Internal Standards            |        |       |          |           |            |          |
| 1) Pentafluorobenzene         | 7.795  | 168   | 322236   | 50.000    | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.691  | 114   | 558097   | 50.000    | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 11.489 | 117   | 565558   | 50.000    | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.428 | 152   | 256519   | 50.000    | ug/l       | 0.00     |
| System Monitoring Compounds   |        |       |          |           |            |          |
| 33) 1,2-Dichloroethane-d4     | 8.142  | 65    | 187492   | 55.578    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 50 - 163 | Recovery  | = 111.160% |          |
| 35) Dibromofluoromethane      | 7.722  | 113   | 186032   | 52.138    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 54 - 147 | Recovery  | = 104.280% |          |
| 50) Toluene-d8                | 10.179 | 98    | 691244   | 52.629    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 49 - 140 | Recovery  | = 105.260% |          |
| 62) 4-Bromofluorobenzene      | 12.483 | 95    | 239026   | 56.457    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 25 - 144 | Recovery  | = 112.920% |          |
| Target Compounds              |        |       |          |           |            |          |
|                               |        |       |          |           |            | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.900  | 85    | 54       | Below Cal | #          | 43       |
| 3) Chloromethane              | 2.119  | 50    | 1517     | Below Cal |            | 90       |
| 11) Tert butyl alcohol        | 4.978  | 59    | 1304     | 4.465     | ug/l #     | 86       |
| 13) Acrolein                  | 3.521  | 56    | 64       | Below Cal | #          | 55       |
| 16) Acetone                   | 3.966  | 43    | 1584     | 2.308     | ug/l       | 98       |
| 17) Carbon Disulfide          | 4.204  | 76    | 424      | Below Cal | #          | 75       |
| 18) Methyl Acetate            | 4.472  | 43    | 1070     | Below Cal | #          | 86       |
| 20) Methylene Chloride        | 4.728  | 84    | 25139    | 3.596     | ug/l #     | 80       |
| 31) Cyclohexane               | 7.795  | 56    | 6526     | Below Cal | #          | 1        |
| 36) 1,1-Dichloropropene       | 7.789  | 75    | 22975    | 4.093     | ug/l #     | 52       |
| 38) Carbon Tetrachloride      | 7.795  | 117   | 30218    | 5.047     | ug/l #     | 15       |
| 49) 1,4-Dioxane               | 9.319  | 88    | 65       | 2.220     | ug/l #     | 1        |
| 76) 1,2,3-Trichloropropane    | 12.483 | 75    | 141138   | 49.268    | ug/l #     | 100      |
| 77) Bromobenzene              | 12.495 | 156   | 4756     | 1.033     | ug/l #     | 11       |
| 81) trans-1,4-Dichloro-2-b... | 12.483 | 75    | 141138   | 100.722   | ug/l #     | 8        |
| -----                         |        |       |          |           |            |          |

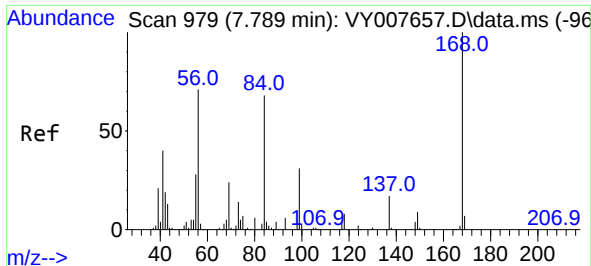
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY030322\  
Data File : VY007727.D  
Acq On : 04 Mar 2022 01:20  
Operator : SY/MD  
Sample : N1730-06  
Misc : 6.34g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
11-12-SAMPLE-LOCATION-6

Quant Time: Mar 04 07:30:56 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y022822S.M  
Quant Title : SW846 8260  
QLast Update : Tue Mar 01 09:08:03 2022  
Response via : Initial Calibration

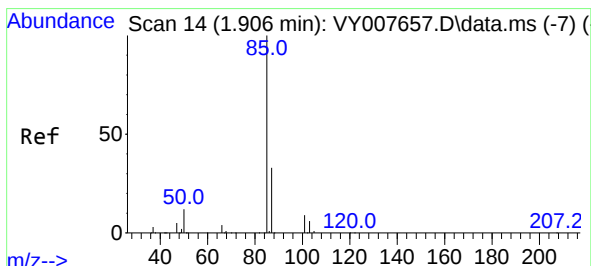
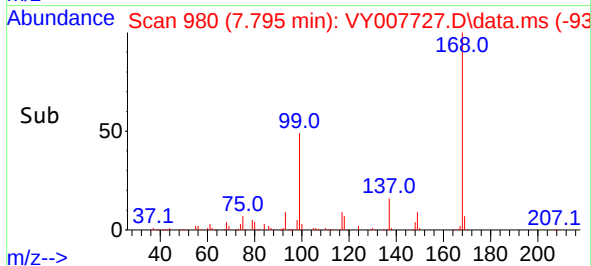
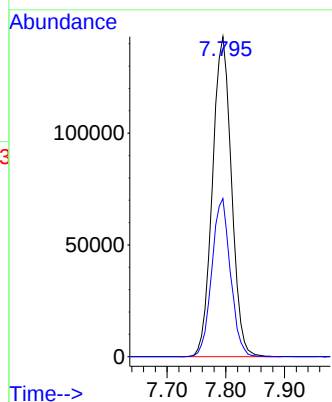
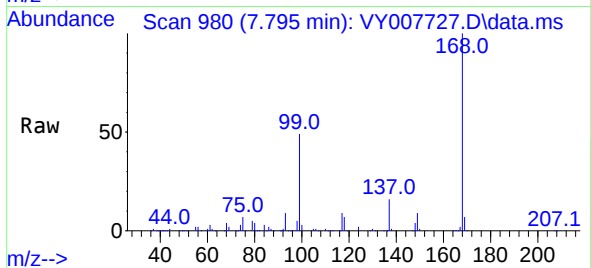




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY007727.D  
Acq: 04 Mar 2022 01:20

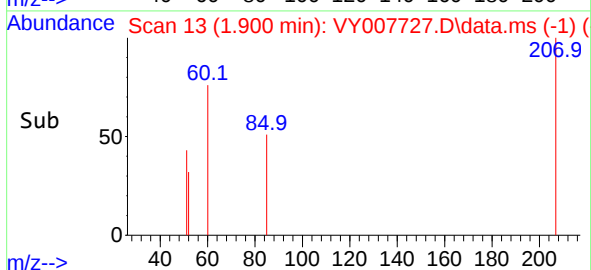
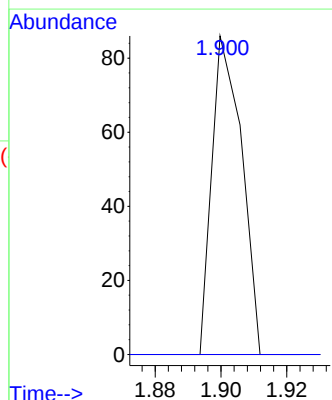
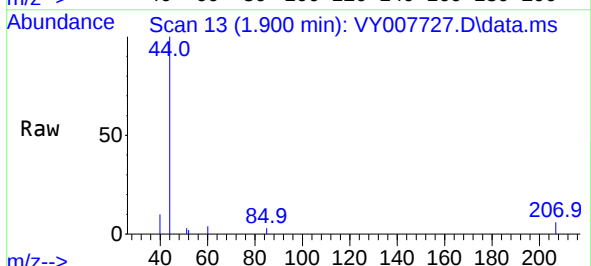
Instrument :  
MSVOA\_Y  
ClientSampleId :  
11-12-SAMPLE-LOCATION-6

Tgt Ion:168 Resp: 322236  
Ion Ratio Lower Upper  
168 100  
99 49.4 46.9 70.3

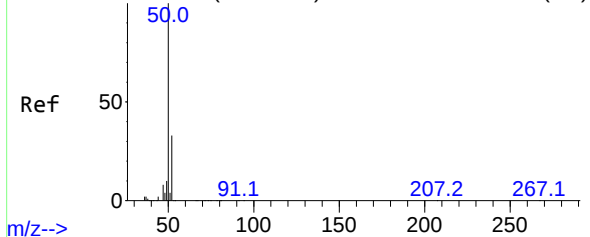


#2  
Dichlorodifluoromethane  
Concen: Below Cal  
RT: 1.900 min Scan# 13  
Delta R.T. -0.006 min  
Lab File: VY007727.D  
Acq: 04 Mar 2022 01:20

Tgt Ion: 85 Resp: 54  
Ion Ratio Lower Upper  
85 100  
87 0.0 16.1 48.2#



Abundance Scan 48 (2.113 min): VY007657.D\data.ms (-41)



#3

Chloromethane

Concen: Below Cal

RT: 2.119 min Scan# 49

Delta R.T. 0.006 min

Lab File: VY007727.D

Acq: 04 Mar 2022 01:20

Instrument :

MSVOA\_Y

ClientSampleId :

11-12-SAMPLE-LOCATION-6

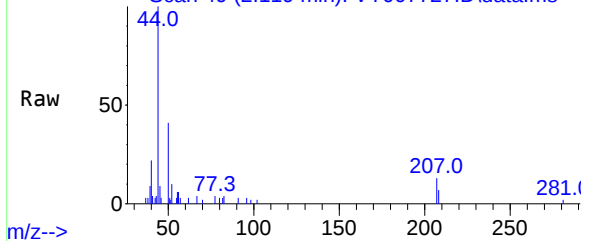
Tgt Ion: 50 Resp: 1517

Ion Ratio Lower Upper

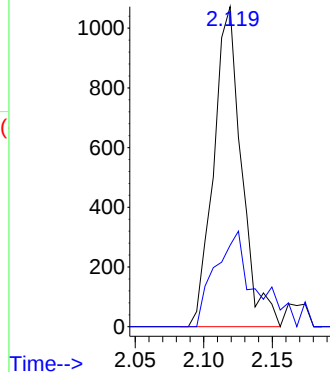
50 100

52 25.5 24.6 37.0

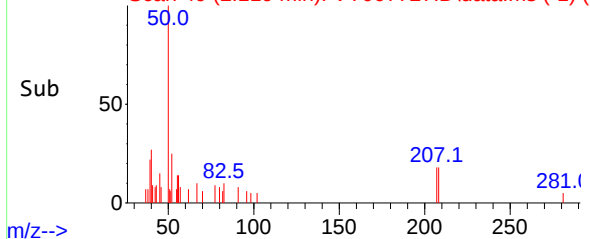
Abundance Scan 49 (2.119 min): VY007727.D\data.ms



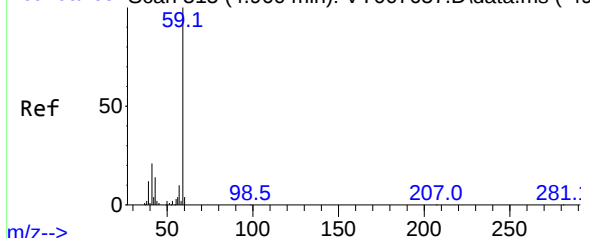
Abundance



Abundance Scan 49 (2.119 min): VY007727.D\data.ms (-1)



Abundance Scan 515 (4.960 min): VY007657.D\data.ms (-49)



#11

Tert butyl alcohol

Concen: 4.465 ug/l

RT: 4.978 min Scan# 518

Delta R.T. 0.018 min

Lab File: VY007727.D

Acq: 04 Mar 2022 01:20

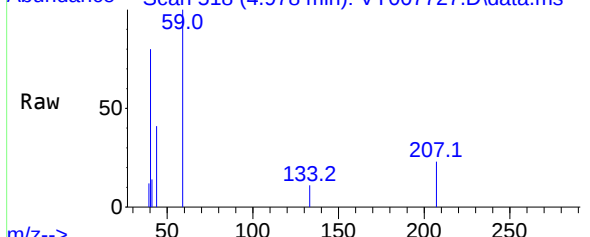
Tgt Ion: 59 Resp: 1304

Ion Ratio Lower Upper

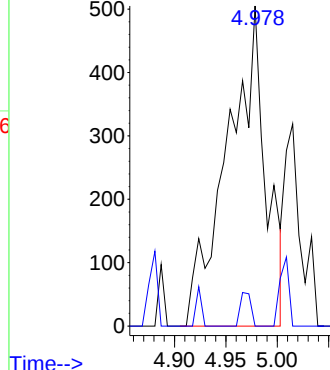
59 100

57 2.9 6.4 9.6#

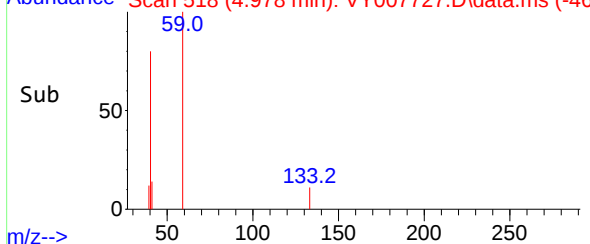
Abundance Scan 518 (4.978 min): VY007727.D\data.ms

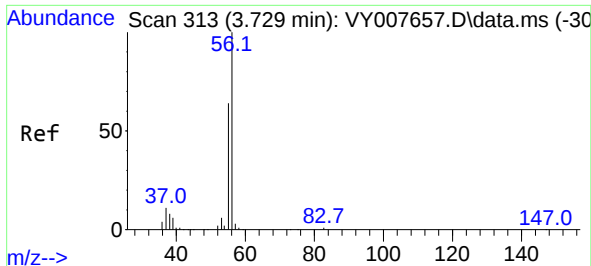


Abundance



Abundance Scan 518 (4.978 min): VY007727.D\data.ms (-46)

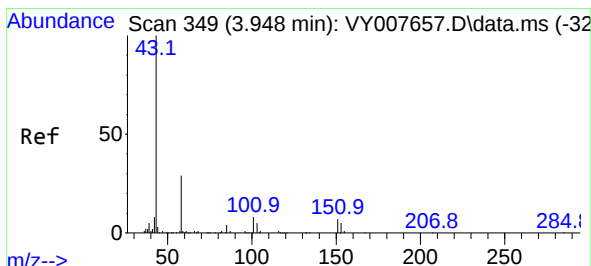
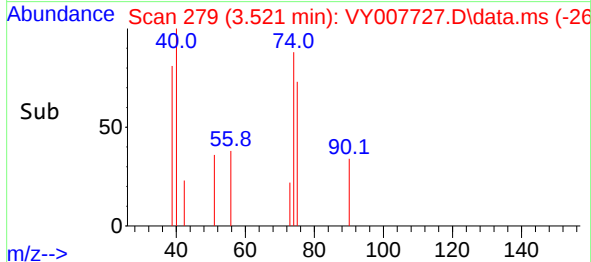
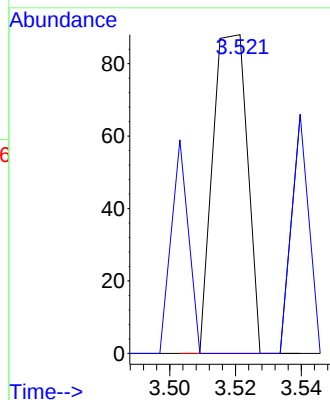
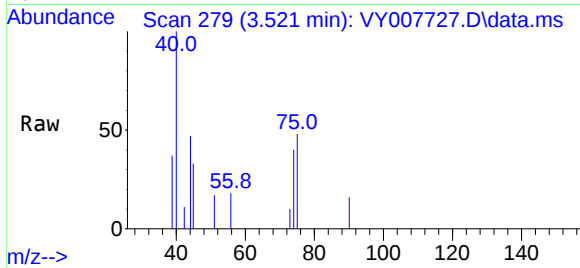




#13  
Acrolein  
Concen: Below Cal  
RT: 3.521 min Scan# 21  
Delta R.T. -0.208 min  
Lab File: VY007727.D  
Acq: 04 Mar 2022 01:20

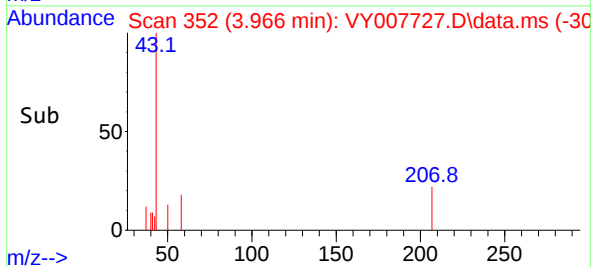
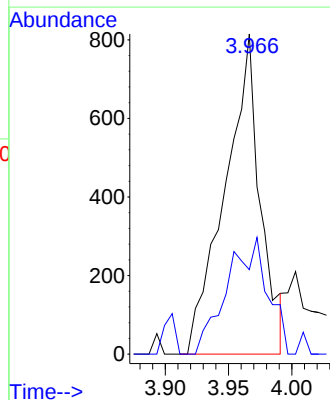
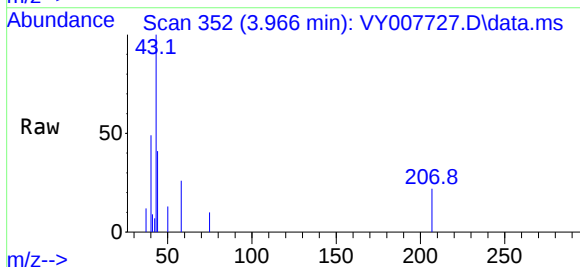
Instrument :  
MSVOA\_Y  
ClientSampleId :  
11-12-SAMPLE-LOCATION-6

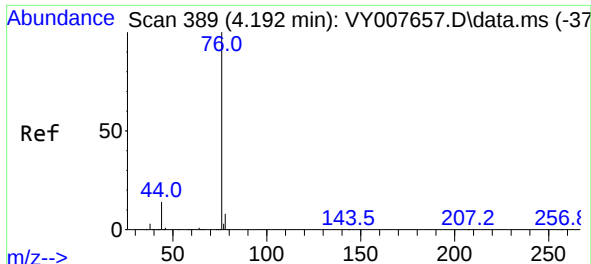
Tgt Ion: 56 Resp: 64  
Ion Ratio Lower Upper  
56 100  
55 34.4 57.6 86.4#



#16  
Acetone  
Concen: 2.308 ug/l  
RT: 3.966 min Scan# 352  
Delta R.T. 0.018 min  
Lab File: VY007727.D  
Acq: 04 Mar 2022 01:20

Tgt Ion: 43 Resp: 1584  
Ion Ratio Lower Upper  
43 100  
58 26.4 22.0 33.0

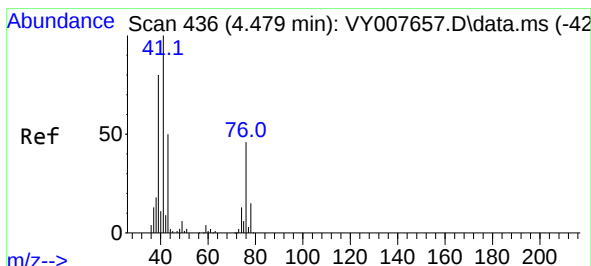
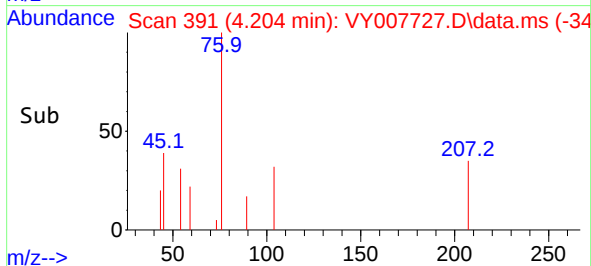
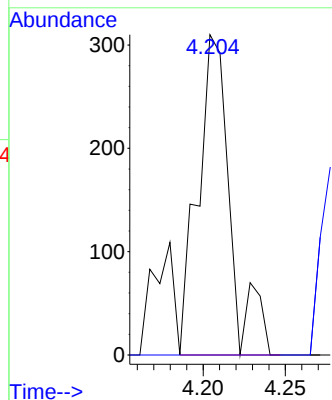
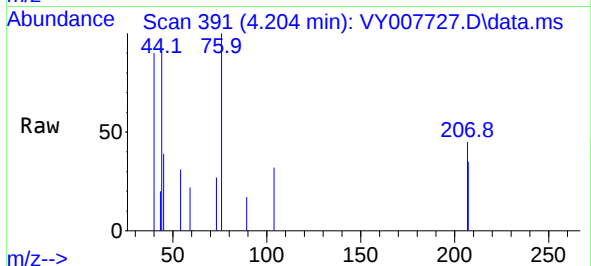




#17  
Carbon Disulfide  
Concen: Below Cal  
RT: 4.204 min Scan# 391  
Delta R.T. 0.012 min  
Lab File: VY007727.D  
Acq: 04 Mar 2022 01:20

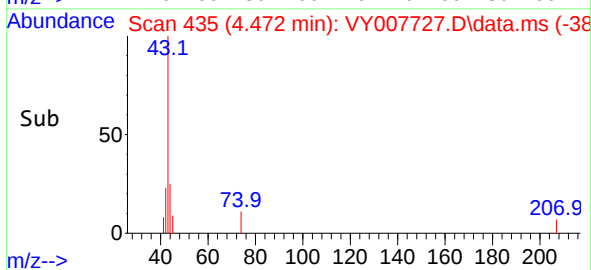
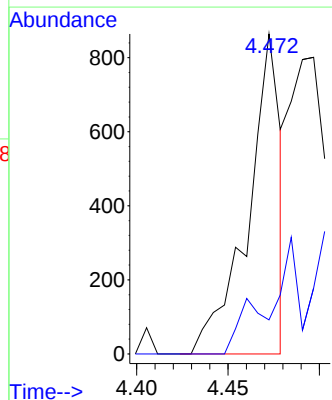
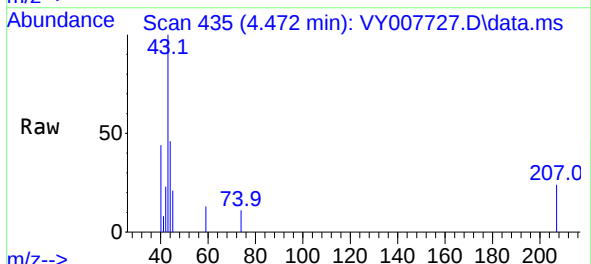
Instrument :  
MSVOA\_Y  
ClientSampleId :  
11-12-SAMPLE-LOCATION-6

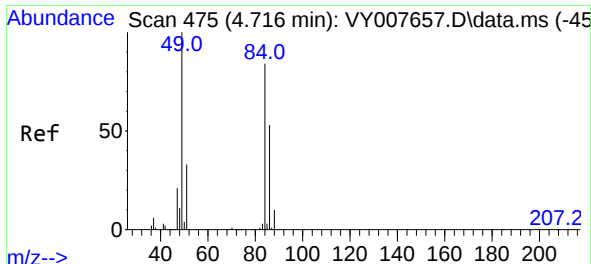
Tgt Ion: 76 Resp: 424  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.4 11.0#



#18  
Methyl Acetate  
Concen: Below Cal  
RT: 4.472 min Scan# 435  
Delta R.T. -0.007 min  
Lab File: VY007727.D  
Acq: 04 Mar 2022 01:20

Tgt Ion: 43 Resp: 1070  
Ion Ratio Lower Upper  
43 100  
74 14.4 16.6 24.8#

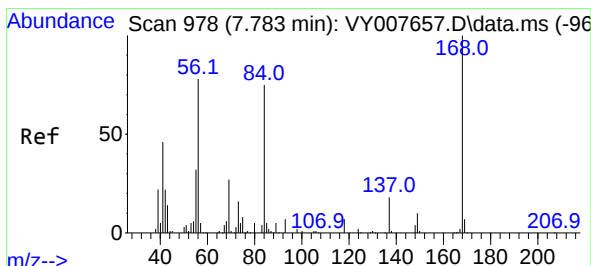
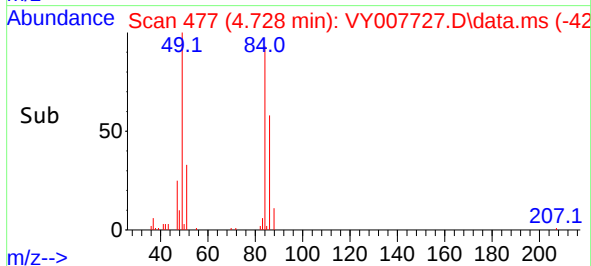
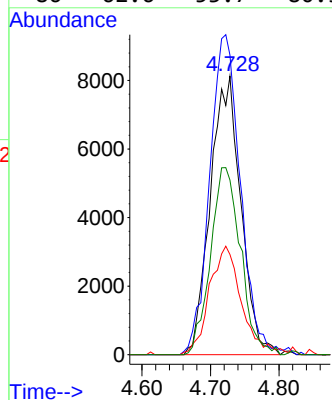
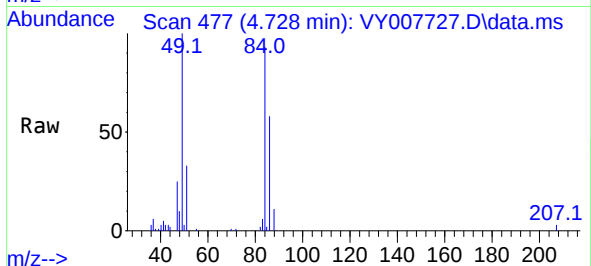




#20  
Methylene Chloride  
Concen: 3.596 ug/l  
RT: 4.728 min Scan# 41  
Delta R.T. 0.012 min  
Lab File: VY007727.D  
Acq: 04 Mar 2022 01:20

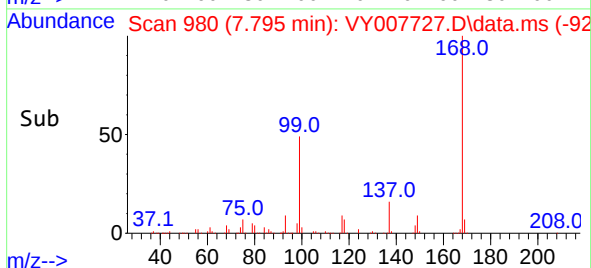
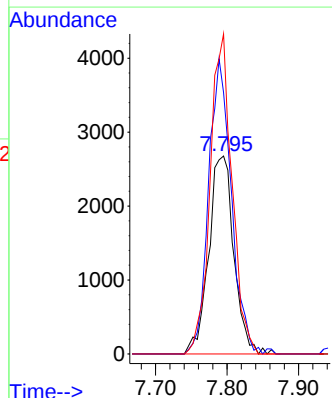
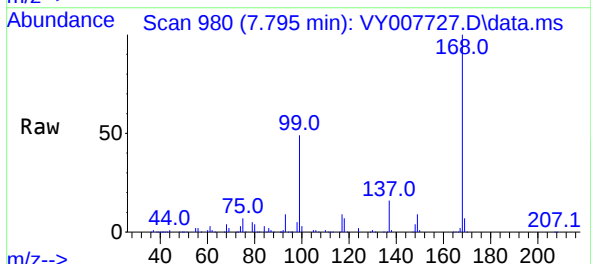
Instrument :  
MSVOA\_Y  
ClientSampleId :  
11-12-SAMPLE-LOCATION-6

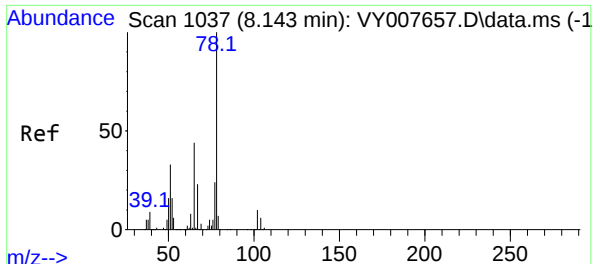
Tgt Ion: 84 Resp: 25139  
Ion Ratio Lower Upper  
84 100  
49 107.5 114.4 171.6#  
51 36.0 35.3 52.9  
86 62.6 53.7 80.5



#31  
Cyclohexane  
Concen: Below Cal  
RT: 7.795 min Scan# 980  
Delta R.T. 0.012 min  
Lab File: VY007727.D  
Acq: 04 Mar 2022 01:20

Tgt Ion: 56 Resp: 6526  
Ion Ratio Lower Upper  
56 100  
69 132.1 26.7 40.1#  
84 161.7 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 55.578 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. -0.001 min

Lab File: VY007727.D

Acq: 04 Mar 2022 01:20

Instrument :

MSVOA\_Y

ClientSampleId :

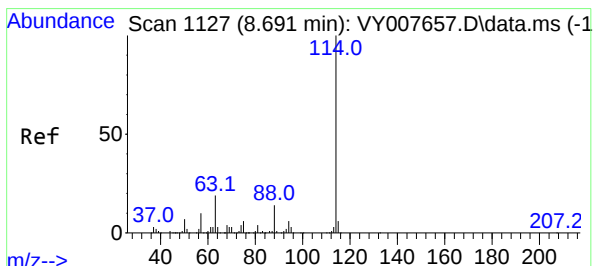
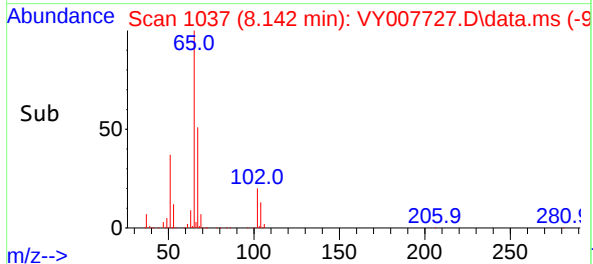
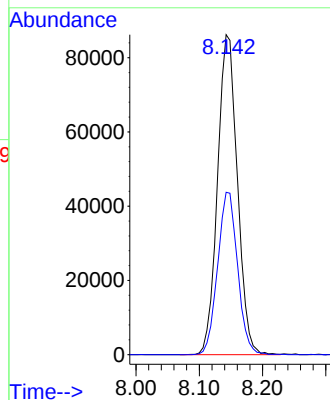
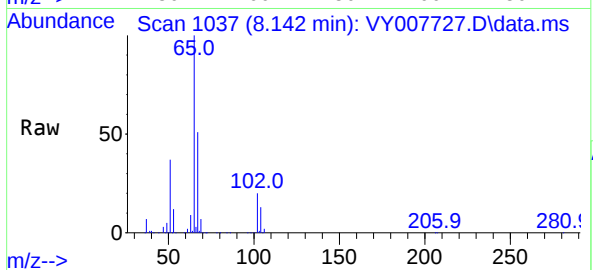
11-12-SAMPLE-LOCATION-6

Tgt Ion: 65 Resp: 187492

Ion Ratio Lower Upper

65 100

67 51.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007727.D

Acq: 04 Mar 2022 01:20

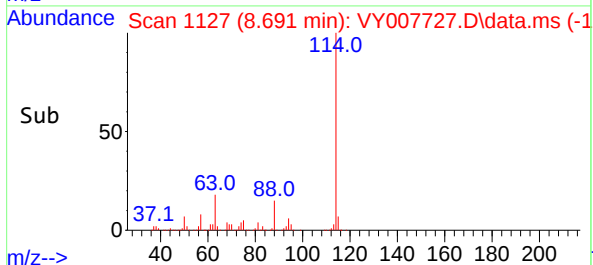
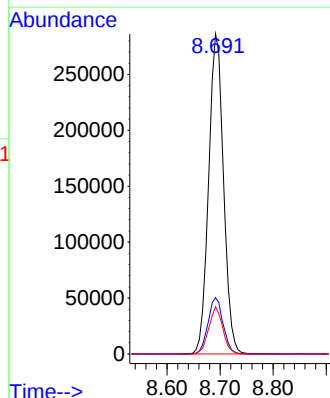
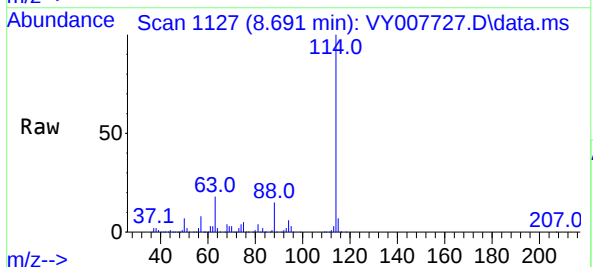
Tgt Ion: 114 Resp: 558097

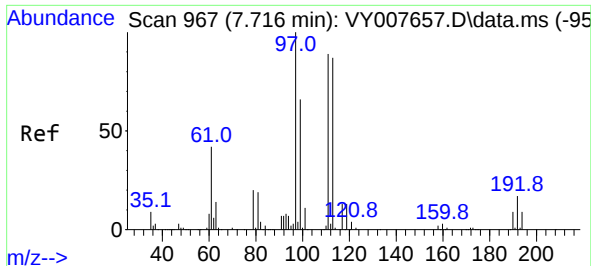
Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 14.7 0.0 31.8

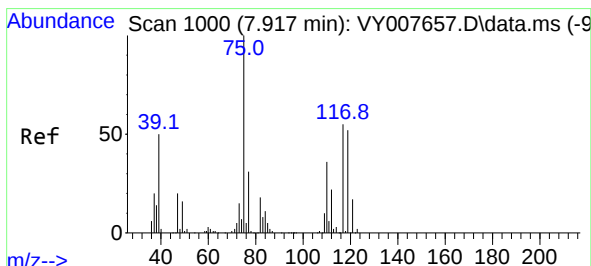
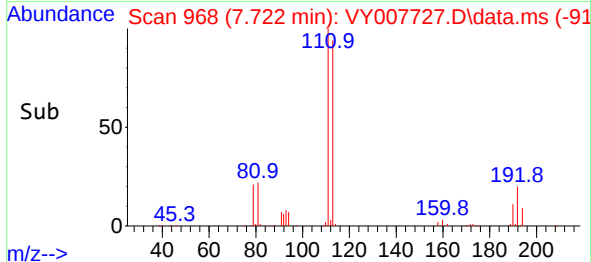
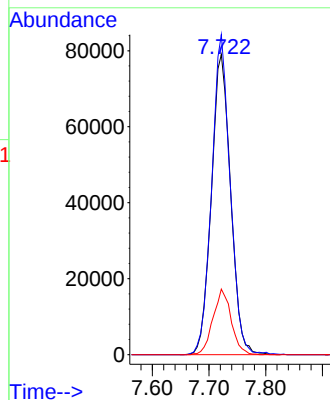
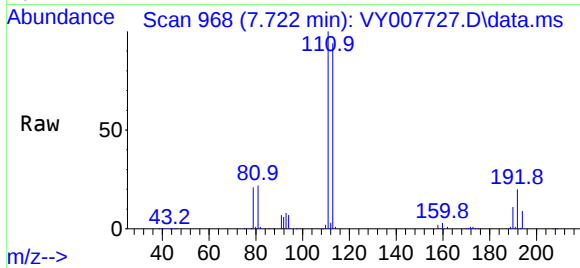




#35  
Dibromofluoromethane  
Concen: 52.138 ug/l  
RT: 7.722 min Scan# 911  
Delta R.T. 0.006 min  
Lab File: VY007727.D  
Acq: 04 Mar 2022 01:20

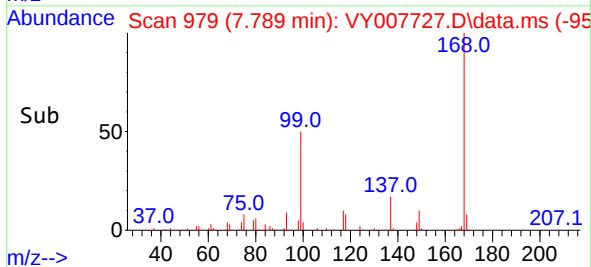
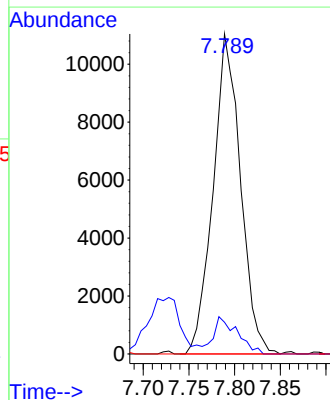
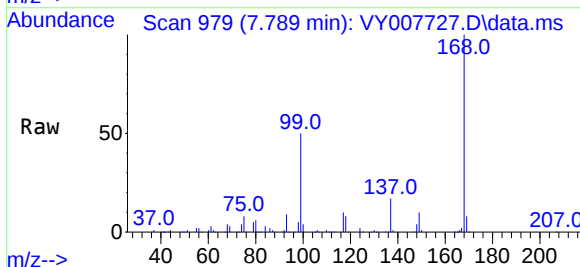
Instrument :  
MSVOA\_Y  
ClientSampleId :  
11-12-SAMPLE-LOCATION-6

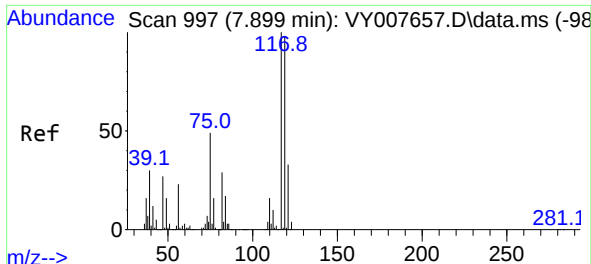
Tgt Ion:113 Resp: 186032  
Ion Ratio Lower Upper  
113 100  
111 102.7 82.6 124.0  
192 20.7 17.6 26.4



#36  
1,1-Dichloropropene  
Concen: 4.093 ug/l  
RT: 7.789 min Scan# 979  
Delta R.T. -0.128 min  
Lab File: VY007727.D  
Acq: 04 Mar 2022 01:20

Tgt Ion: 75 Resp: 22975  
Ion Ratio Lower Upper  
75 100  
110 10.1 17.1 51.2#  
77 0.0 24.4 36.6#

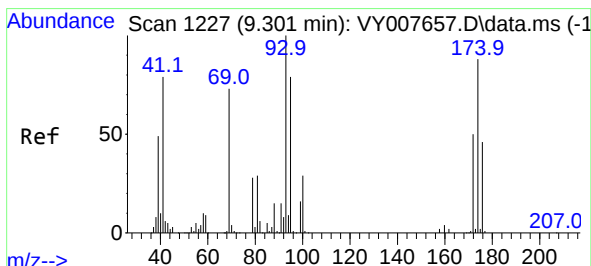
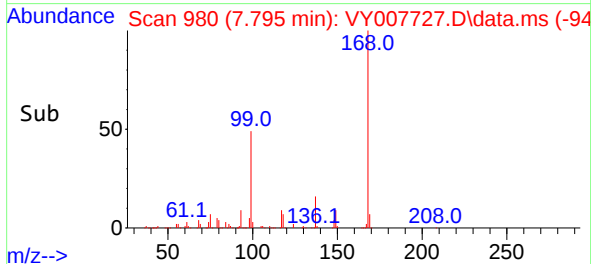
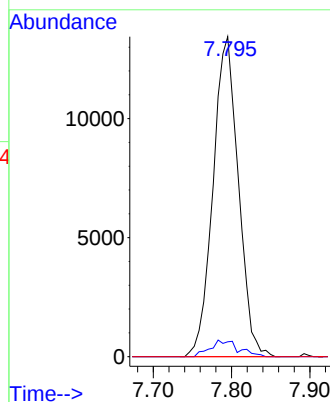
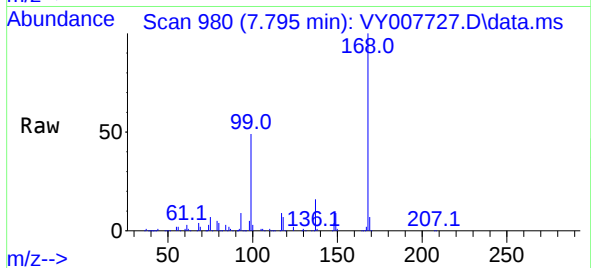




#38  
Carbon Tetrachloride  
Concen: 5.047 ug/l  
RT: 7.795 min Scan# 91  
Delta R.T. -0.104 min  
Lab File: VY007727.D  
Acq: 04 Mar 2022 01:20

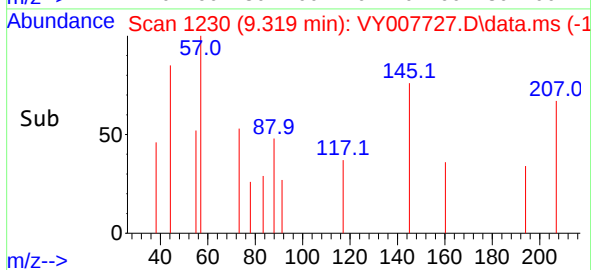
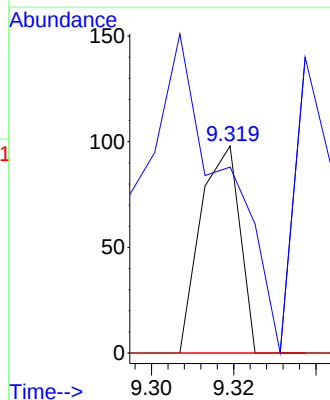
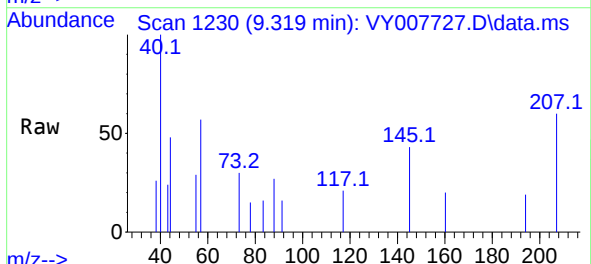
Instrument :  
MSVOA\_Y  
ClientSampleId :  
11-12-SAMPLE-LOCATION-6

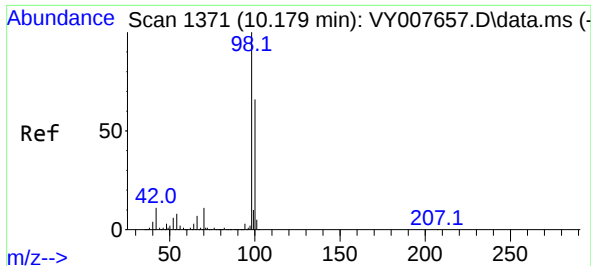
Tgt Ion:117 Resp: 30218  
Ion Ratio Lower Upper  
117 100  
119 4.6 77.9 116.9#  
121 0.0 24.8 37.2#



#49  
1,4-Dioxane  
Concen: 2.220 ug/l  
RT: 9.319 min Scan# 1230  
Delta R.T. 0.018 min  
Lab File: VY007727.D  
Acq: 04 Mar 2022 01:20

Tgt Ion: 88 Resp: 65  
Ion Ratio Lower Upper  
88 100  
43 341.5 32.8 49.2#  
58 0.0 59.8 89.6#

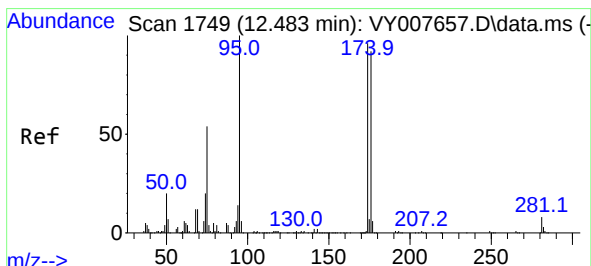
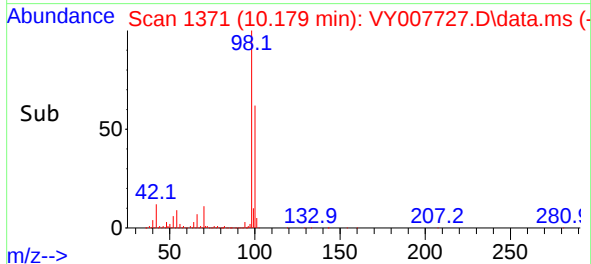
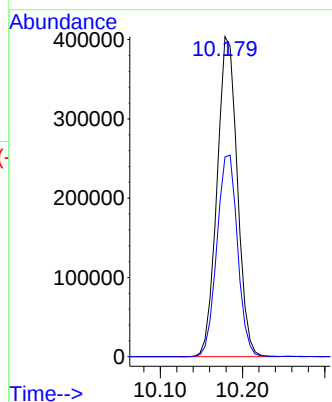
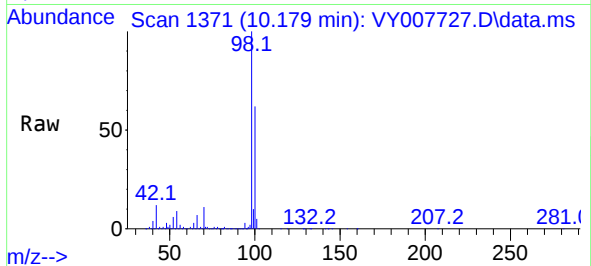




#50  
Toluene-d8  
Concen: 52.629 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. -0.000 min  
Lab File: VY007727.D  
Acq: 04 Mar 2022 01:20

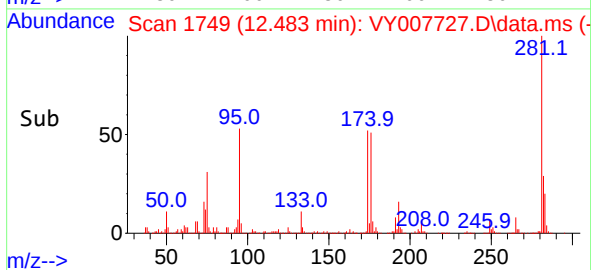
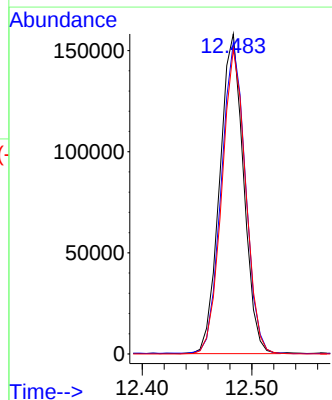
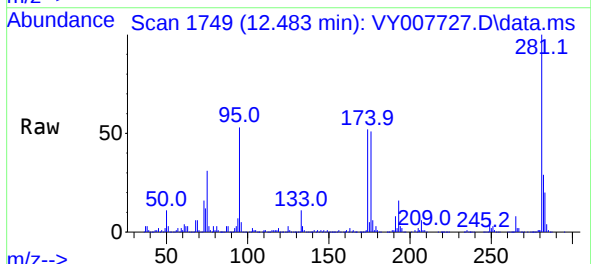
Instrument : MSVOA\_Y  
ClientSampleId : 11-12-SAMPLE-LOCATION-6

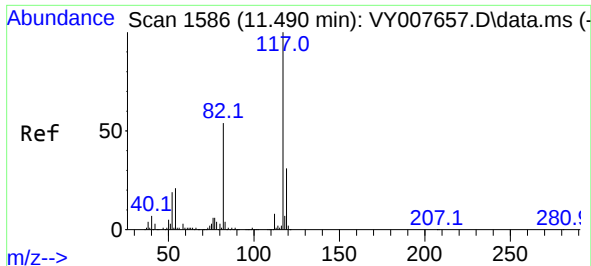
Tgt Ion: 98 Resp: 691244  
Ion Ratio Lower Upper  
98 100  
100 64.4 50.2 75.2



#62  
4-Bromofluorobenzene  
Concen: 56.457 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY007727.D  
Acq: 04 Mar 2022 01:20

Tgt Ion: 95 Resp: 239026  
Ion Ratio Lower Upper  
95 100  
174 98.2 0.0 177.0  
176 95.0 0.0 175.8

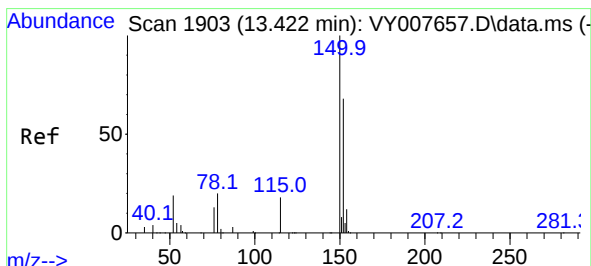
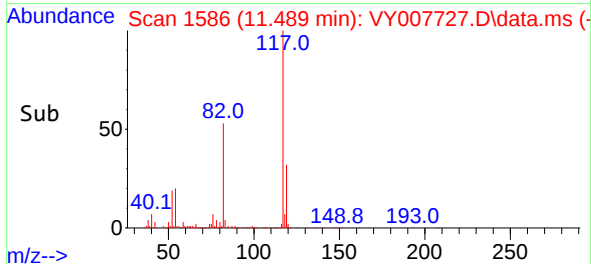
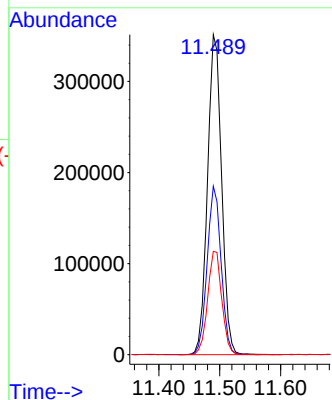
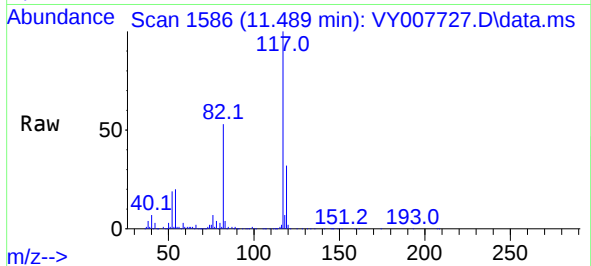




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 117  
Delta R.T. -0.001 min  
Lab File: VY007727.D  
Acq: 04 Mar 2022 01:20

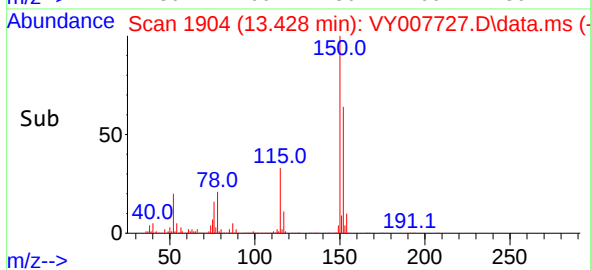
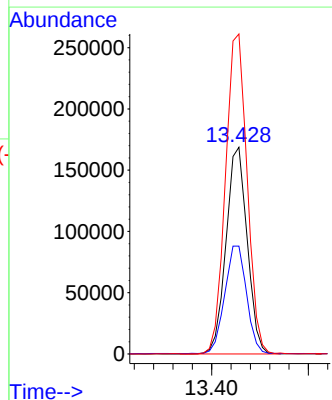
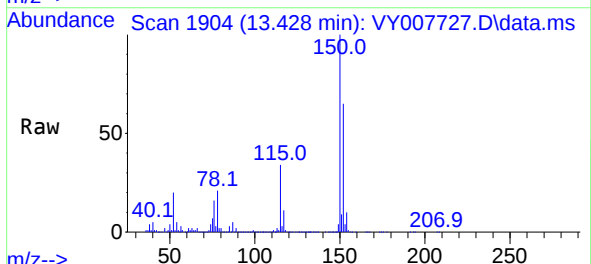
Instrument :  
MSVOA\_Y  
ClientSampleId :  
11-12-SAMPLE-LOCATION-6

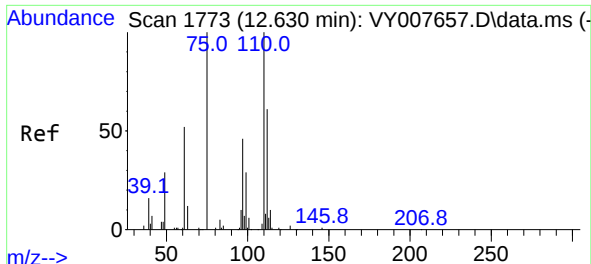
Tgt Ion:117 Resp: 565558  
Ion Ratio Lower Upper  
117 100  
82 52.7 43.0 64.4  
119 32.3 25.4 38.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.006 min  
Lab File: VY007727.D  
Acq: 04 Mar 2022 01:20

Tgt Ion:152 Resp: 256519  
Ion Ratio Lower Upper  
152 100  
115 53.7 28.2 84.7  
150 158.1 0.0 347.6

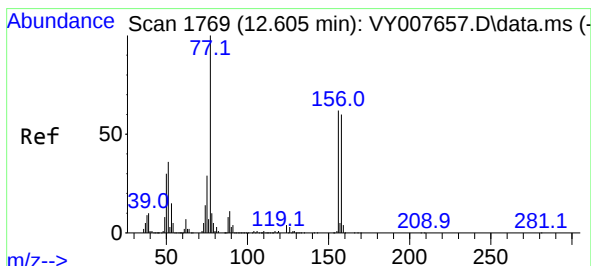
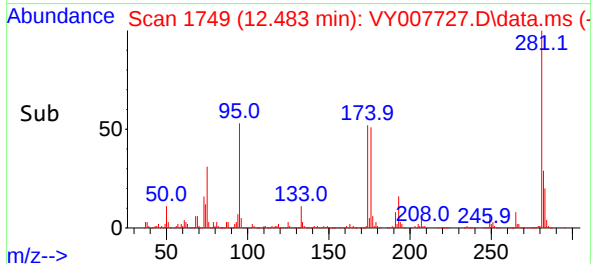
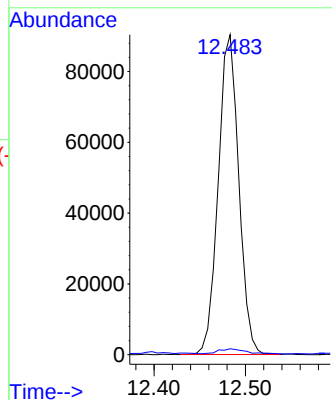
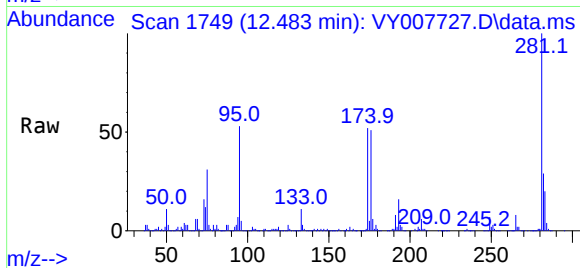




#76  
1,2,3-Trichloropropane  
Concen: 49.268 ug/l  
RT: 12.483 min Scan# 11  
Delta R.T. -0.147 min  
Lab File: VY007727.D  
Acq: 04 Mar 2022 01:20

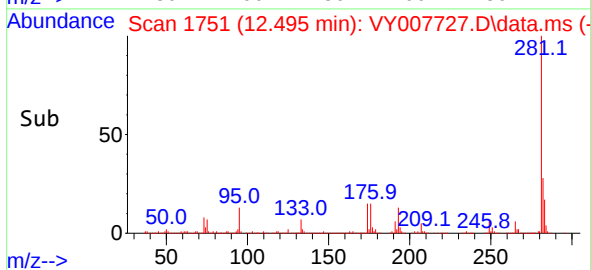
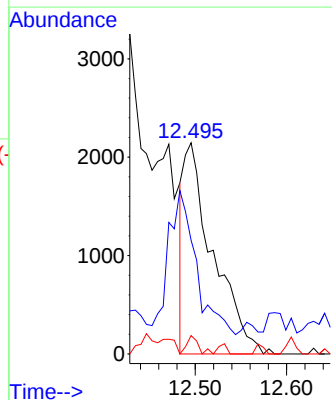
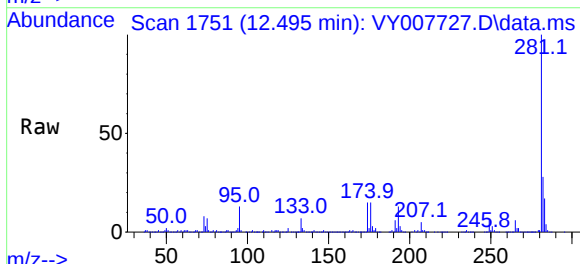
Instrument :  
MSVOA\_Y  
ClientSampleId :  
11-12-SAMPLE-LOCATION-6

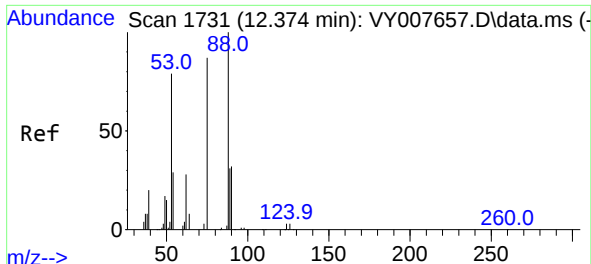
Tgt Ion: 75 Resp: 141138  
Ion Ratio Lower Upper  
75 100  
77 2.2 0.0 0.0#



#77  
Bromobenzene  
Concen: 1.033 ug/l  
RT: 12.495 min Scan# 1751  
Delta R.T. -0.110 min  
Lab File: VY007727.D  
Acq: 04 Mar 2022 01:20

Tgt Ion:156 Resp: 4756  
Ion Ratio Lower Upper  
156 100  
77 64.8 95.5 286.4#  
158 3.4 48.0 144.0#





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 100.722 ug/l  
 RT: 12.483 min Scan# 11  
 Delta R.T. 0.109 min  
 Lab File: VY007727.D  
 Acq: 04 Mar 2022 01:20

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 11-12-SAMPLE-LOCATION-6

Tgt Ion: 75 Resp: 141138  
 Ion Ratio Lower Upper  
 75 100  
 53 0.1 85.3 127.9#  
 89 2.5 37.0 55.4#

