

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY022422\  
 Data File : VY007624.D  
 Acq On : 24 Feb 2022 17:50  
 Operator : SY/MD  
 Sample : N1584-04  
 Misc : 5.94g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 D11-12.5

Quant Time: Feb 25 05:43:40 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y022322S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 24 07:13:58 2022  
 Response via : Initial Calibration

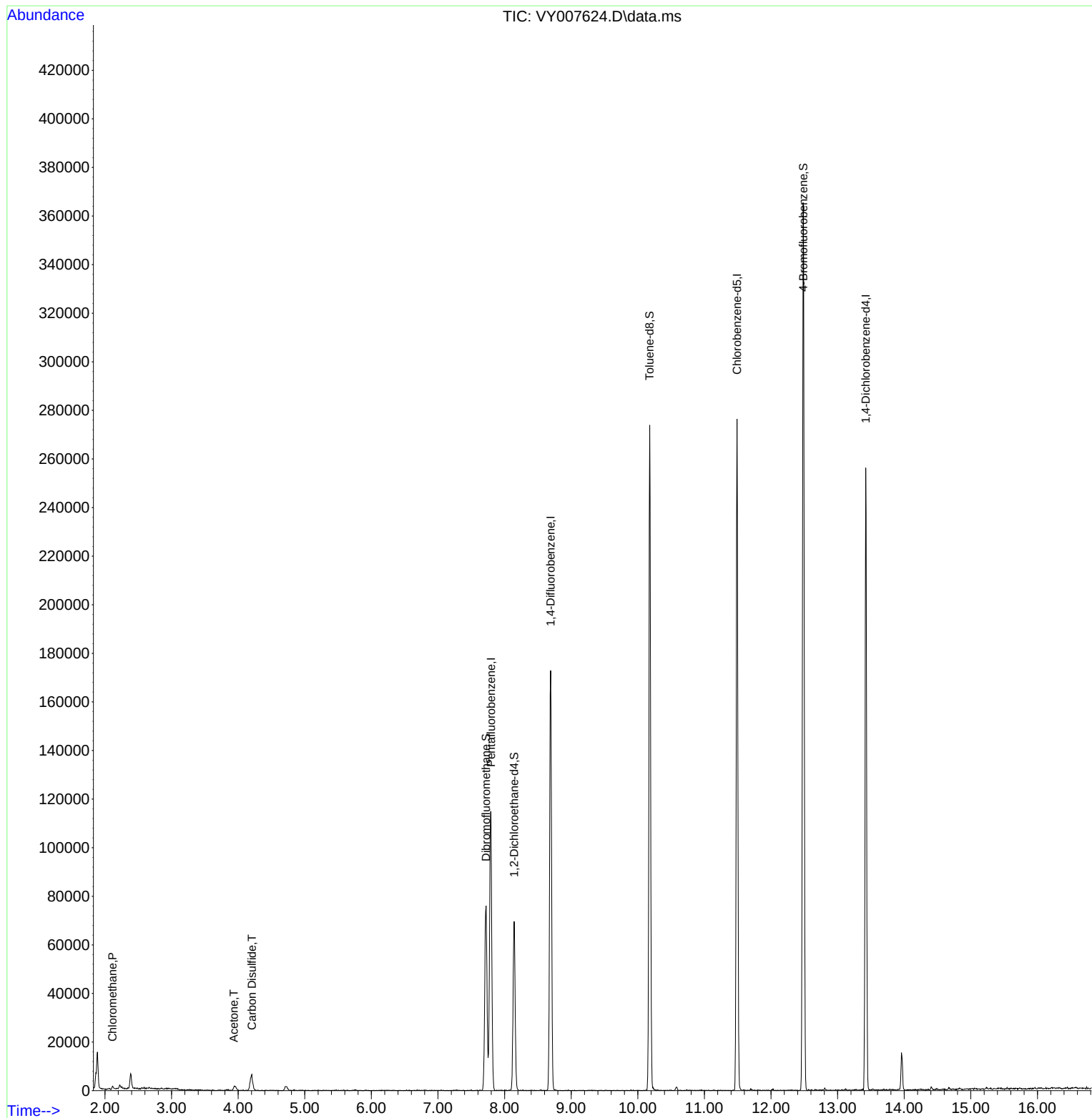
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 7.795  | 168   | 90851    | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.691  | 114   | 155183   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.490 | 117   | 151286   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.422 | 152   | 64695    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.143  | 65    | 52755    | 52.198   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 104.400% |
| 35) Dibromofluoromethane    | 7.722  | 113   | 50425    | 51.497   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 103.000% |
| 50) Toluene-d8              | 10.179 | 98    | 180669   | 49.880   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =     | 99.760%  |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 63613    | 51.378   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =     | 102.760% |
| Target Compounds            |        |       |          |          |       |          |
|                             |        |       |          |          |       | Qvalue   |
| 3) Chloromethane            | 2.113  | 50    | 786      | 1.451    | ug/l  | # 74     |
| 16) Acetone                 | 3.936  | 43    | 3119     | 13.551   | ug/l  | 97       |
| 17) Carbon Disulfide        | 4.204  | 76    | 13208    | 5.179    | ug/l  | 99       |
| -----                       |        |       |          |          |       |          |

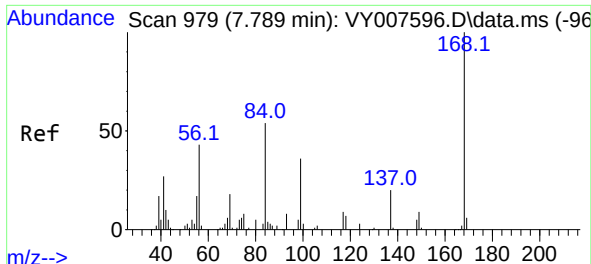
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Thu Feb 24 07:13:58 2022  
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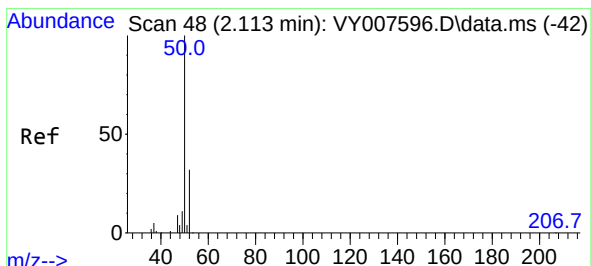
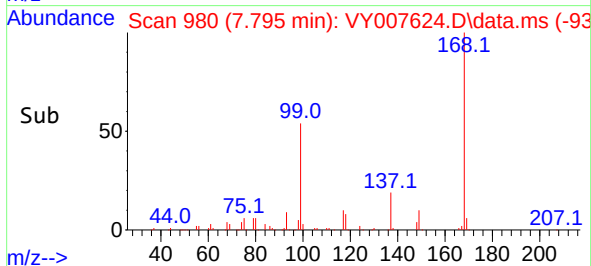
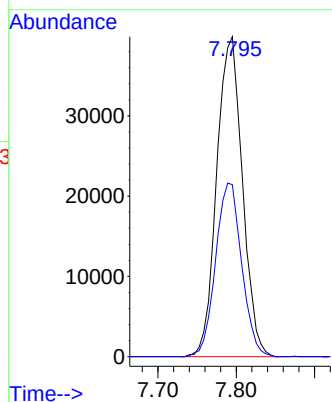
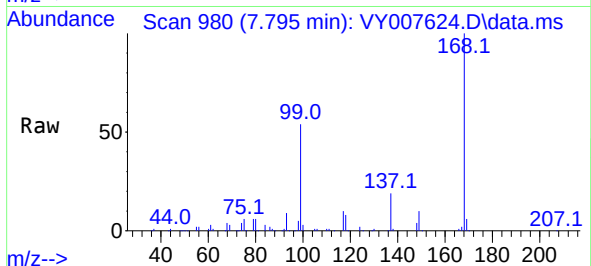




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY007624.D  
Acq: 24 Feb 2022 17:50

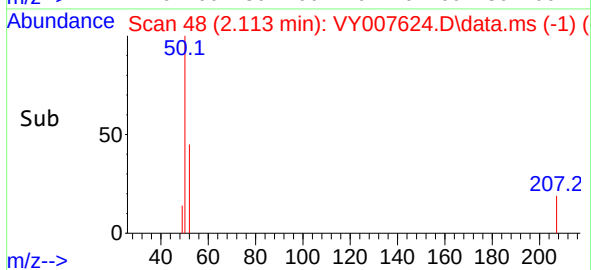
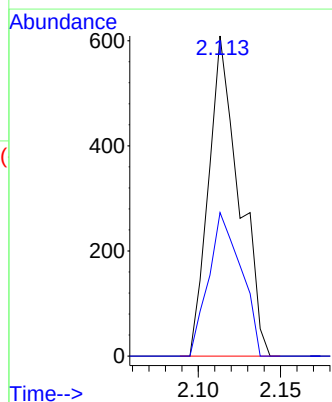
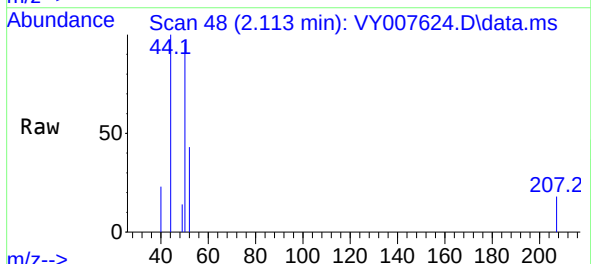
Instrument :  
MSVOA\_Y  
ClientSampleId :  
D11-12.5

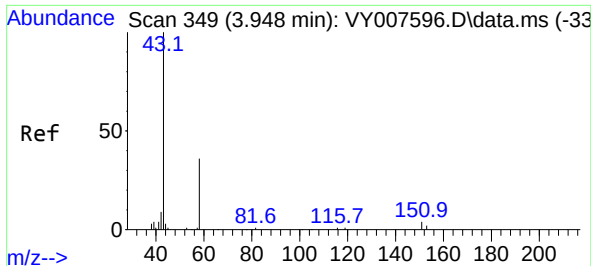
Tgt Ion:168 Resp: 90851  
Ion Ratio Lower Upper  
168 100  
99 53.7 46.9 70.3



#3  
Chloromethane  
Concen: 1.451 ug/l  
RT: 2.113 min Scan# 48  
Delta R.T. 0.000 min  
Lab File: VY007624.D  
Acq: 24 Feb 2022 17:50

Tgt Ion: 50 Resp: 786  
Ion Ratio Lower Upper  
50 100  
52 44.8 24.6 37.0#

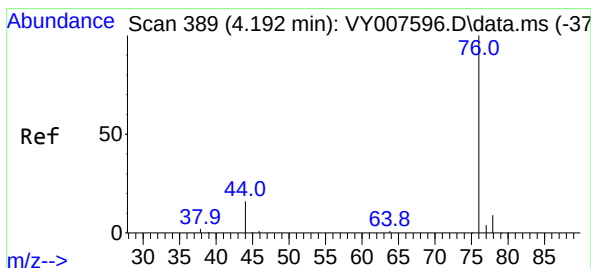
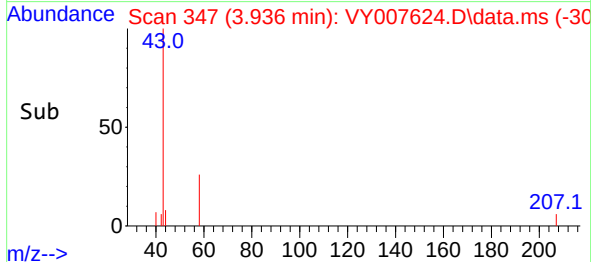
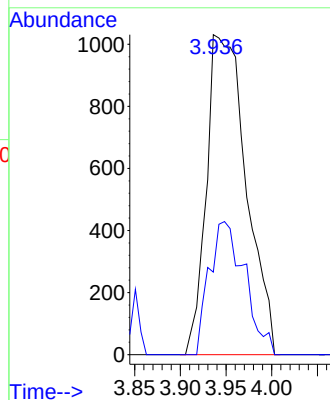
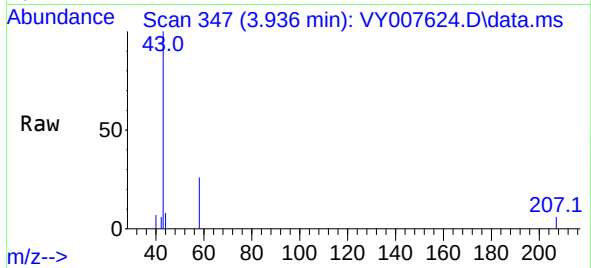




#16  
Acetone  
Concen: 13.551 ug/l  
RT: 3.936 min Scan# 34  
Delta R.T. -0.012 min  
Lab File: VY007624.D  
Acq: 24 Feb 2022 17:50

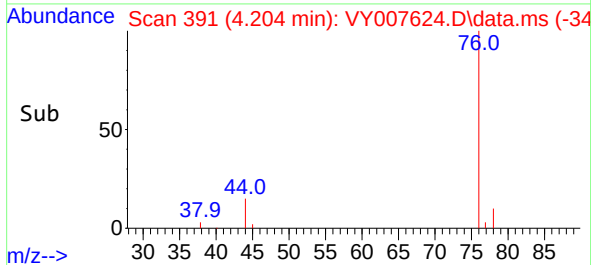
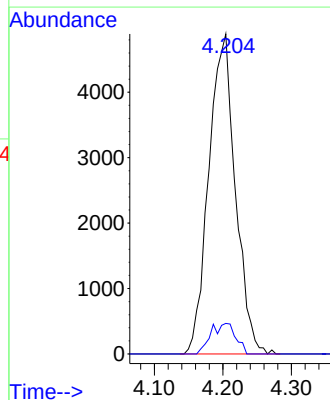
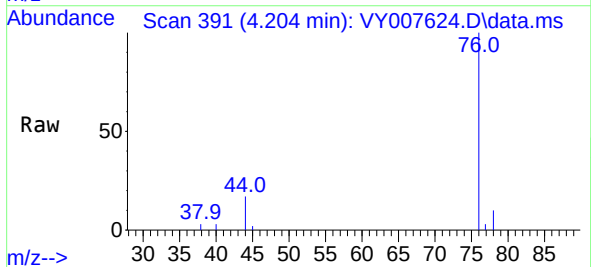
Instrument :  
MSVOA\_Y  
ClientSampleId :  
D11-12.5

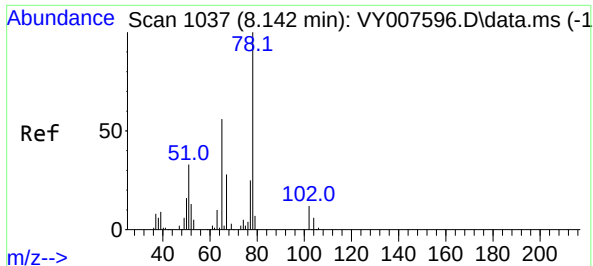
Tgt Ion: 43 Resp: 3119  
Ion Ratio Lower Upper  
43 100  
58 25.8 22.0 33.0



#17  
Carbon Disulfide  
Concen: 5.179 ug/l  
RT: 4.204 min Scan# 391  
Delta R.T. 0.012 min  
Lab File: VY007624.D  
Acq: 24 Feb 2022 17:50

Tgt Ion: 76 Resp: 13208  
Ion Ratio Lower Upper  
76 100  
78 9.6 7.4 11.0





#33

1,2-Dichloroethane-d4

Concen: 52.198 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.001 min

Lab File: VY007624.D

Acq: 24 Feb 2022 17:50

Instrument :

MSVOA\_Y

ClientSampleId :

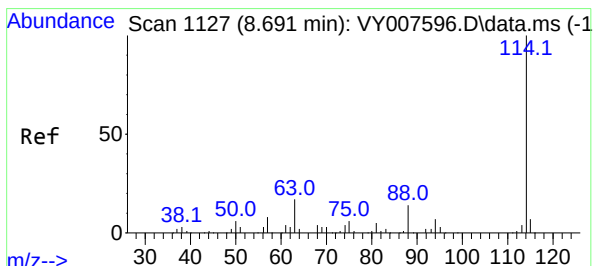
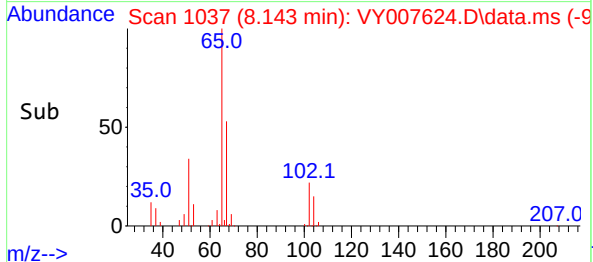
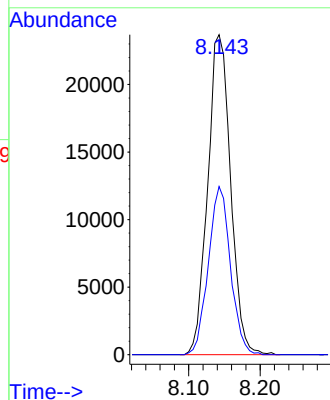
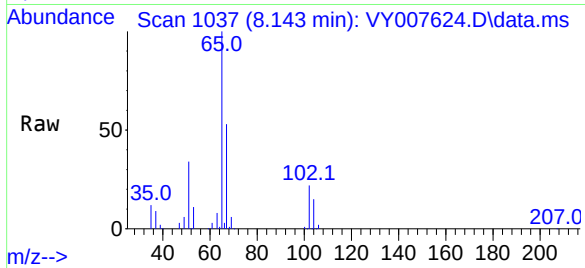
D11-12.5

Tgt Ion: 65 Resp: 52755

Ion Ratio Lower Upper

65 100

67 50.7 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: VY007624.D

Acq: 24 Feb 2022 17:50

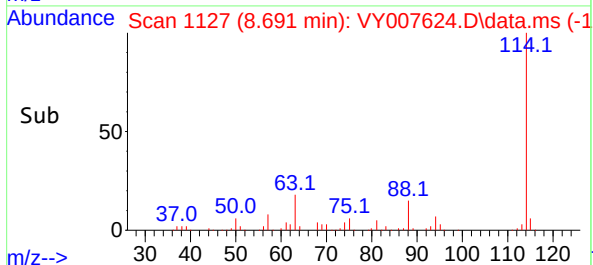
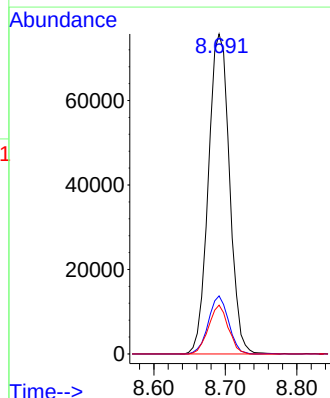
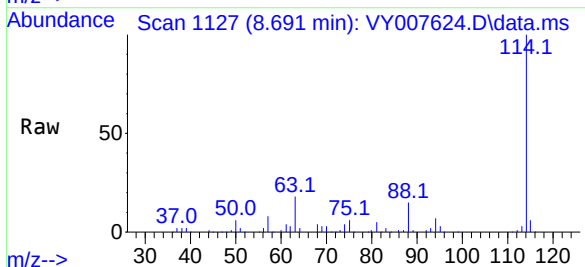
Tgt Ion: 114 Resp: 155183

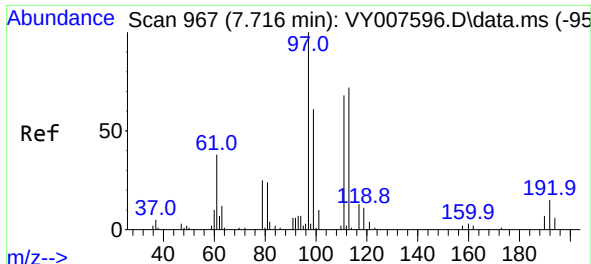
Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 15.3 0.0 31.8

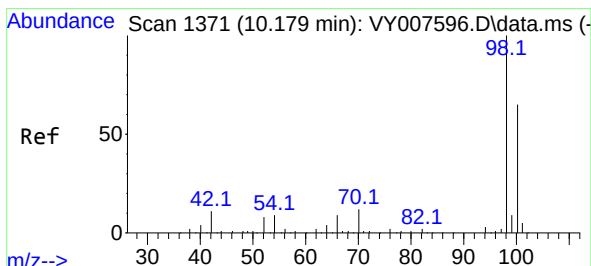
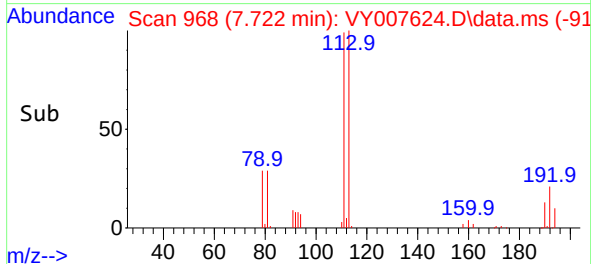
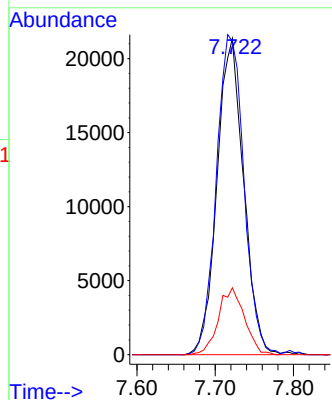
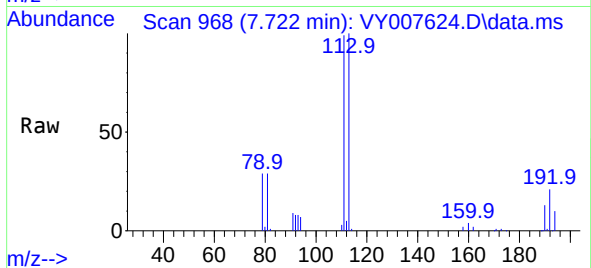




#35  
Dibromofluoromethane  
Concen: 51.497 ug/l  
RT: 7.722 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY007624.D  
Acq: 24 Feb 2022 17:50

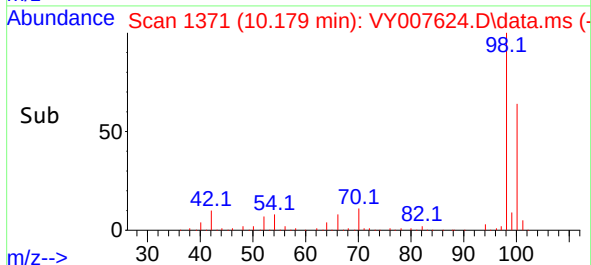
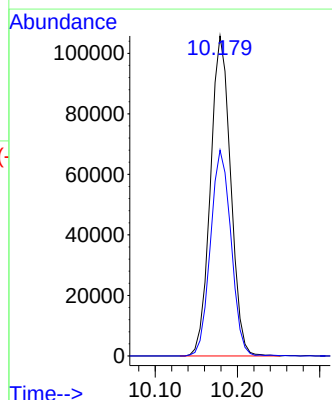
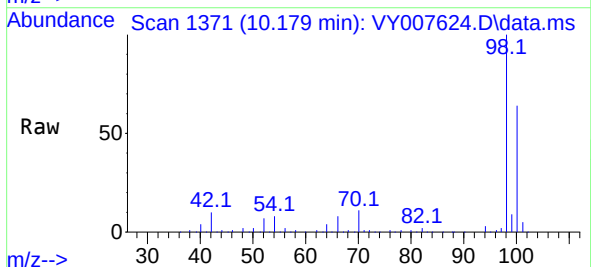
Instrument :  
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D11-12.5

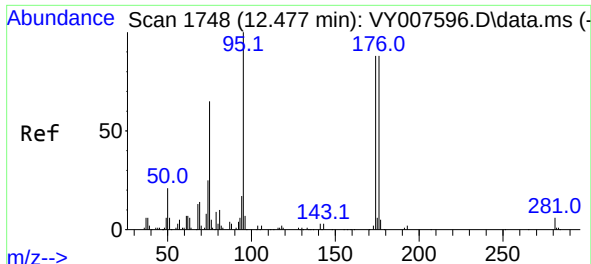
Tgt Ion:113 Resp: 50425  
Ion Ratio Lower Upper  
113 100  
111 104.5 82.6 124.0  
192 20.7 17.6 26.4



#50  
Toluene-d8  
Concen: 49.880 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. -0.000 min  
Lab File: VY007624.D  
Acq: 24 Feb 2022 17:50

Tgt Ion: 98 Resp: 180669  
Ion Ratio Lower Upper  
98 100  
100 65.5 50.2 75.2

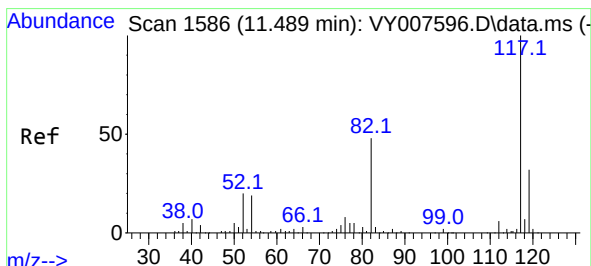
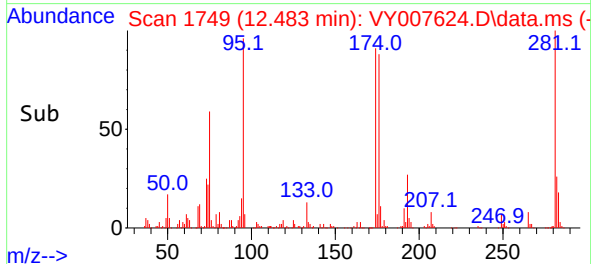
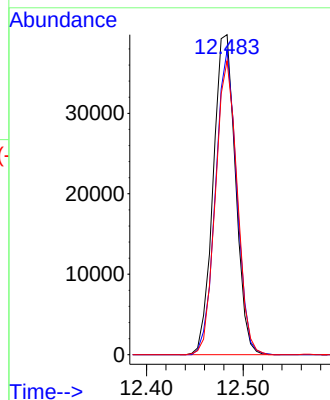
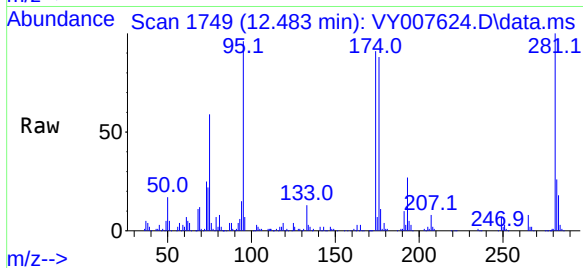




#62  
4-Bromofluorobenzene  
Concen: 51.378 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.006 min  
Lab File: VY007624.D  
Acq: 24 Feb 2022 17:50

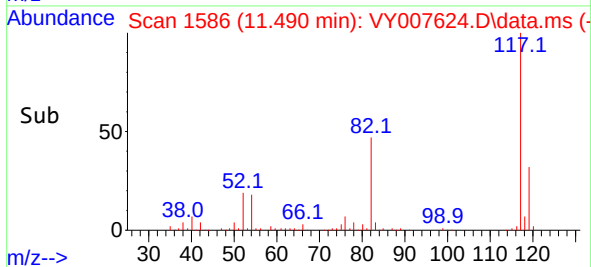
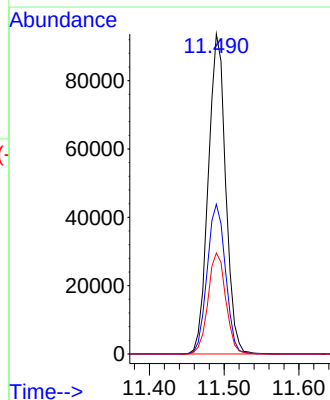
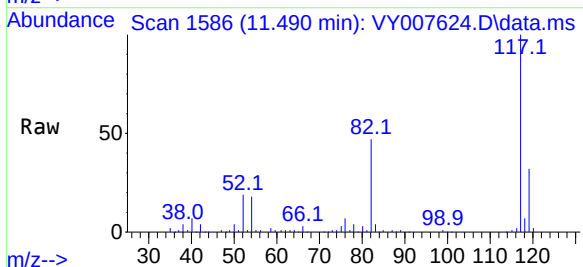
Instrument :  
MSVOA\_Y  
ClientSampleId :  
D11-12.5

Tgt Ion: 95 Resp: 63613  
Ion Ratio Lower Upper  
95 100  
174 90.3 0.0 177.0  
176 89.2 0.0 175.8

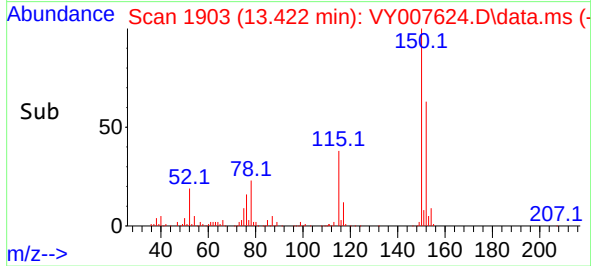
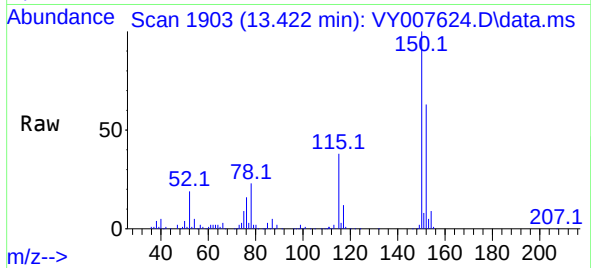
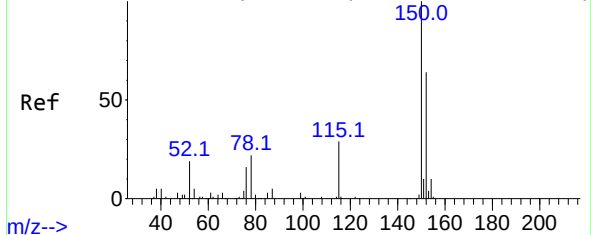


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 1586  
Delta R.T. 0.001 min  
Lab File: VY007624.D  
Acq: 24 Feb 2022 17:50

Tgt Ion: 117 Resp: 151286  
Ion Ratio Lower Upper  
117 100  
82 46.8 43.0 64.4  
119 31.5 25.4 38.0



Abundance Scan 1903 (13.422 min): VY007596.D\data.ms (-



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.422 min Scan# 1903  
Delta R.T. 0.000 min  
Lab File: VY007624.D  
Acq: 24 Feb 2022 17:50

Instrument :  
MSVOA\_Y  
ClientSampleId :  
D11-12.5

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 64695 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 115      | 57.7  | 28.2  | 84.7  |
| 150      | 160.3 | 0.0   | 347.6 |

