

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY012822\  
 Data File : VY007334.D  
 Acq On : 28 Jan 2022 20:26  
 Operator : SY/MD  
 Sample : N1333-06  
 Misc : 4.98g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-6

Quant Time: Jan 31 00:32:27 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y011322S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 14 05:48:29 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.789  | 168  | 90835    | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 168340   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.490 | 117  | 165746   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.422 | 152  | 74677    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.143  | 65    | 59626    | 53.497   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 107.000% |
| 35) Dibromofluoromethane    | 7.716  | 113   | 57898    | 50.864   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 101.720% |
| 50) Toluene-d8              | 10.179 | 98    | 208359   | 50.095   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 100.200% |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 75574    | 51.080   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 102.160% |

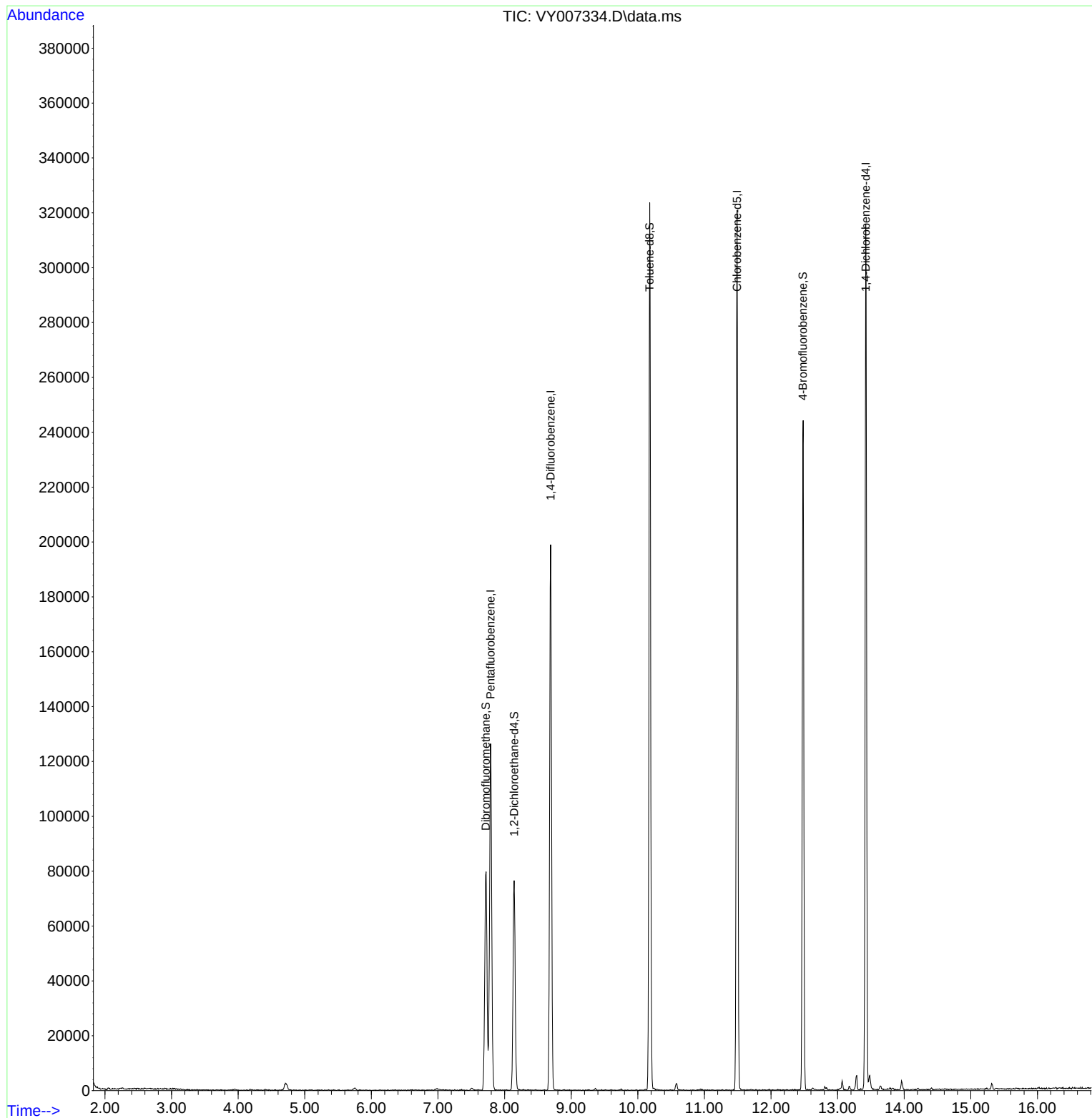
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

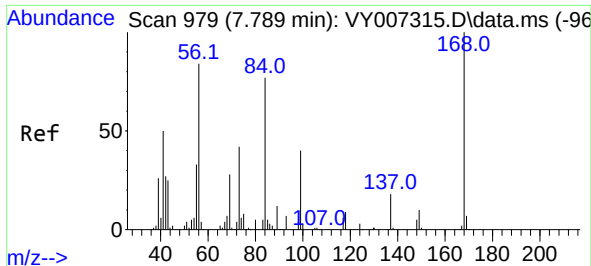
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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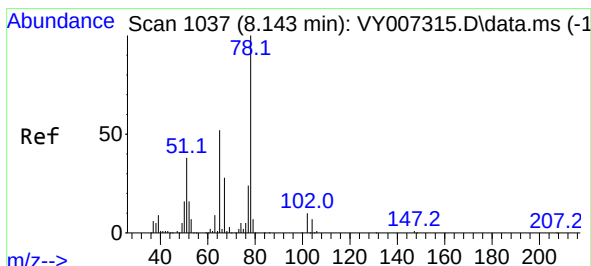
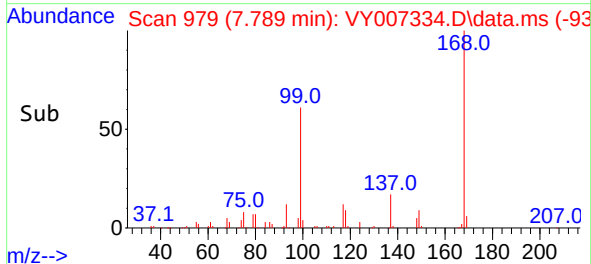
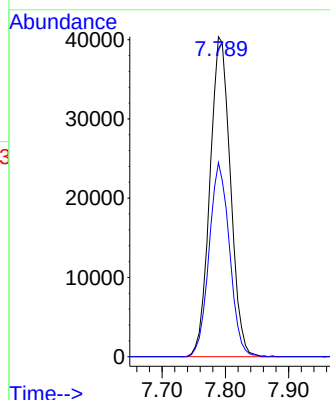
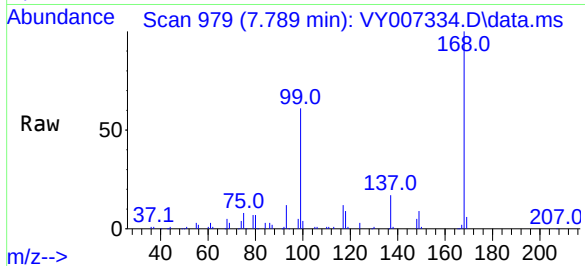




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY007334.D  
Acq: 28 Jan 2022 20:26

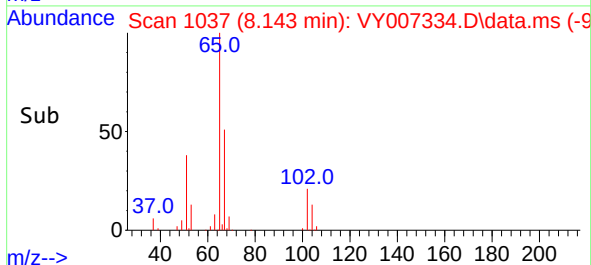
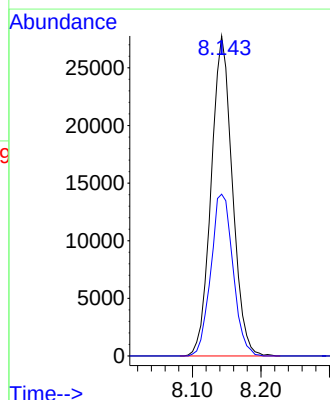
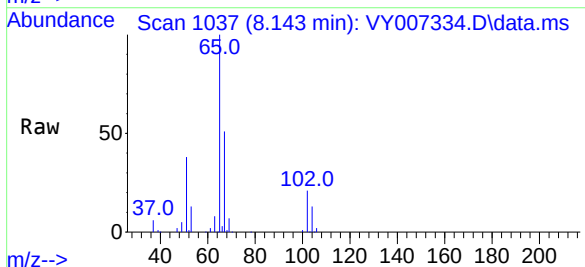
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-6

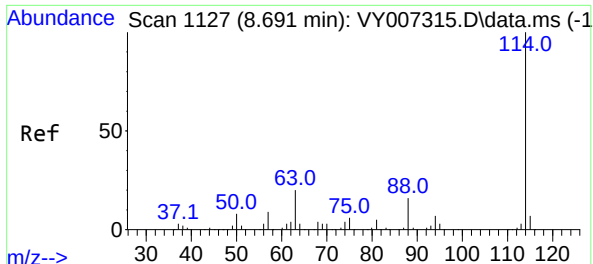
Tgt Ion:168 Resp: 90835  
Ion Ratio Lower Upper  
168 100  
99 60.6 49.1 73.7



#33  
1,2-Dichloroethane-d4  
Concen: 53.497 ug/l  
RT: 8.143 min Scan# 1037  
Delta R.T. 0.000 min  
Lab File: VY007334.D  
Acq: 28 Jan 2022 20:26

Tgt Ion: 65 Resp: 59626  
Ion Ratio Lower Upper  
65 100  
67 52.8 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007334.D

Acq: 28 Jan 2022 20:26

Instrument :

MSVOA\_Y

ClientSampleId :

SB-6

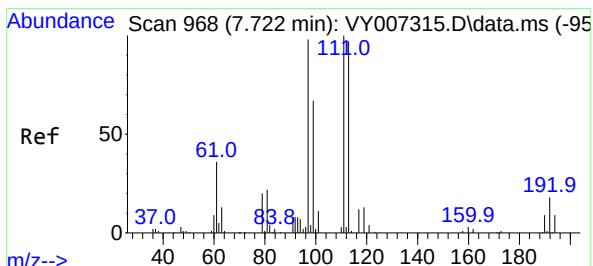
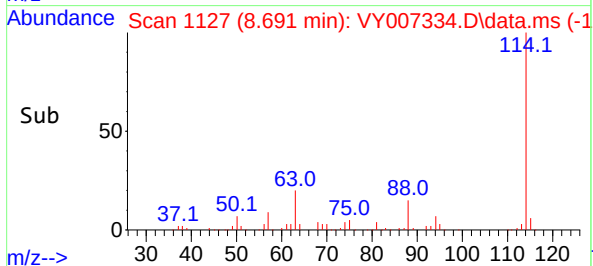
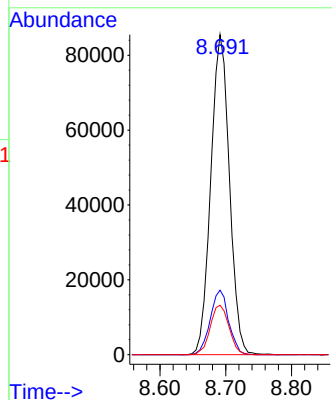
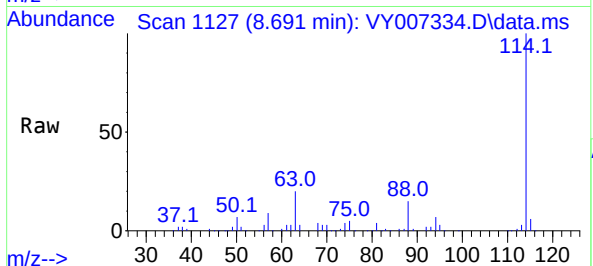
Tgt Ion:114 Resp: 168340

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.2

88 15.5 0.0 31.0



#35

Dibromofluoromethane

Concen: 50.864 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY007334.D

Acq: 28 Jan 2022 20:26

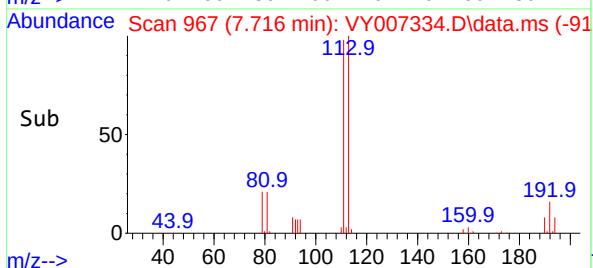
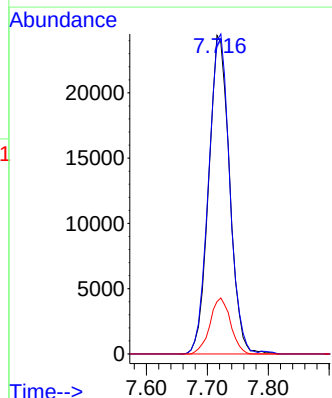
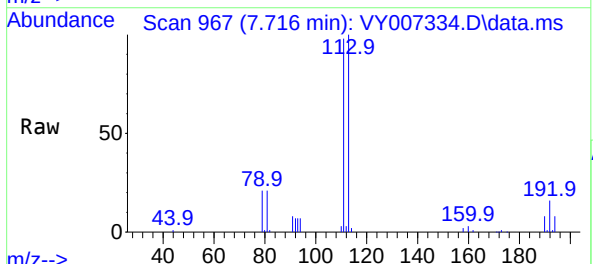
Tgt Ion:113 Resp: 57898

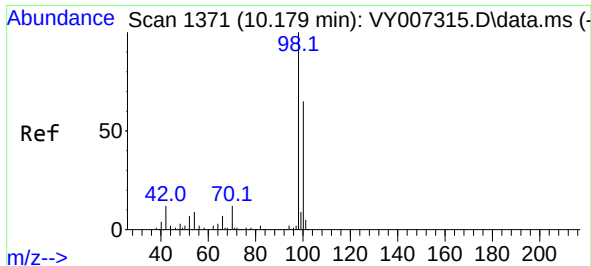
Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.4

192 17.4 14.2 21.4

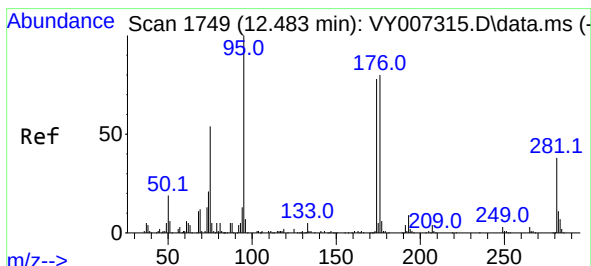
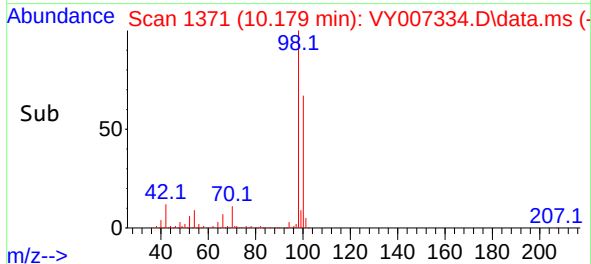
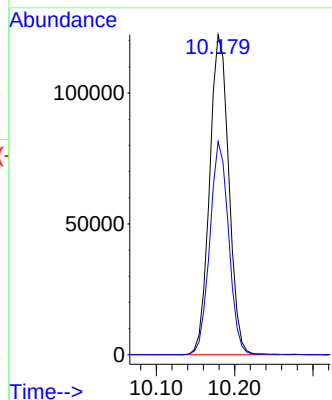
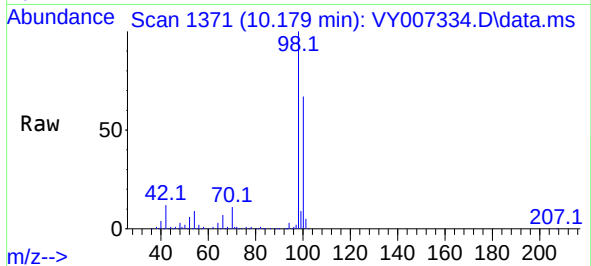




#50  
Toluene-d8  
Concen: 50.095 ug/l  
RT: 10.179 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY007334.D  
Acq: 28 Jan 2022 20:26

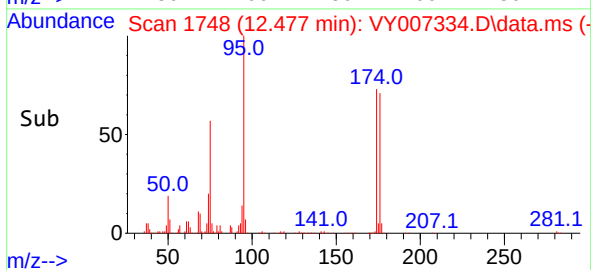
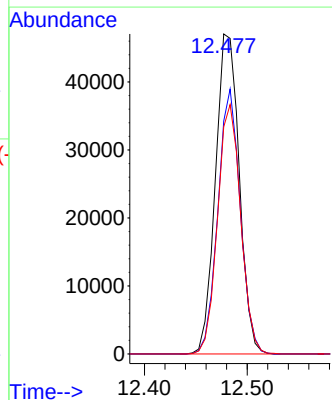
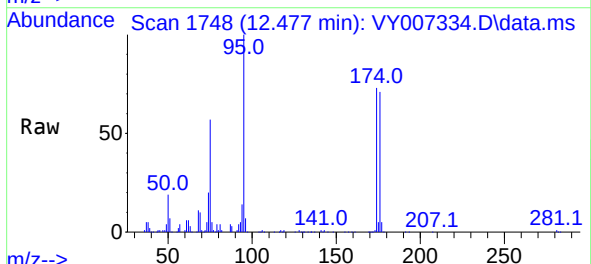
Instrument :  
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ClientSampleId :  
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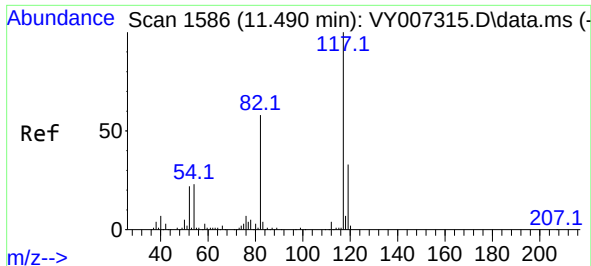
Tgt Ion: 98 Resp: 208359  
Ion Ratio Lower Upper  
98 100  
100 65.4 52.2 78.2



#62  
4-Bromofluorobenzene  
Concen: 51.080 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. -0.006 min  
Lab File: VY007334.D  
Acq: 28 Jan 2022 20:26

Tgt Ion: 95 Resp: 75574  
Ion Ratio Lower Upper  
95 100  
174 77.8 0.0 148.4  
176 75.6 0.0 146.6

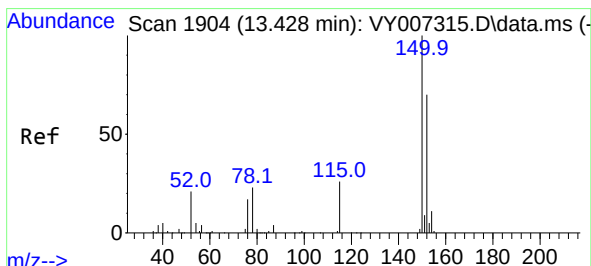
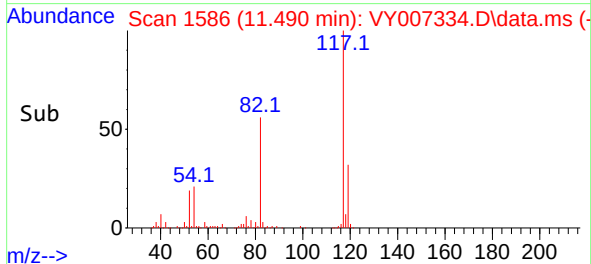
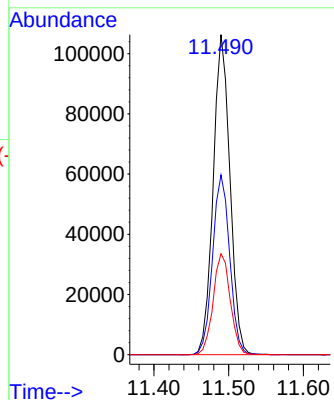
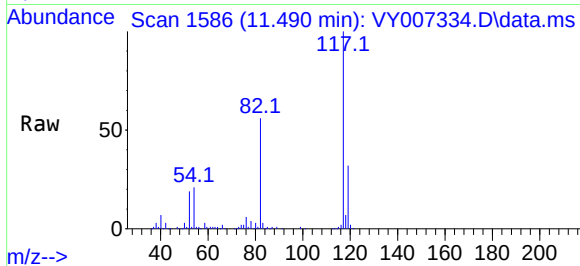




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VY007334.D  
Acq: 28 Jan 2022 20:26

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-6

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 165746 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 56.1  | 45.4  | 68.0   |
| 119      | 31.5  | 26.4  | 39.6   |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.422 min Scan# 1903  
Delta R.T. -0.006 min  
Lab File: VY007334.D  
Acq: 28 Jan 2022 20:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 74677 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 115      | 61.9  | 31.4  | 94.0  |
| 150      | 160.8 | 0.0   | 348.4 |

