

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY110821\  
 Data File : VY006685.D  
 Acq On : 08 Nov 2021 17:07  
 Operator : SY/MD  
 Sample : M4441-01RE  
 Misc : 4.25G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-1RE

Quant Time: Nov 09 13:06:13 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y102221S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Oct 23 06:59:04 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.795  | 168  | 18226    | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.697  | 114  | 28770    | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.496 | 117  | 25973    | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 8475     | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 13071    | 58.279   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 116.560% |
| 35) Dibromofluoromethane    | 7.728  | 113   | 8370     | 52.196   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 104.400% |
| 50) Toluene-d8              | 10.185 | 98    | 35372    | 52.035   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 104.080% |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 9171     | 40.050   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 80.100%  |

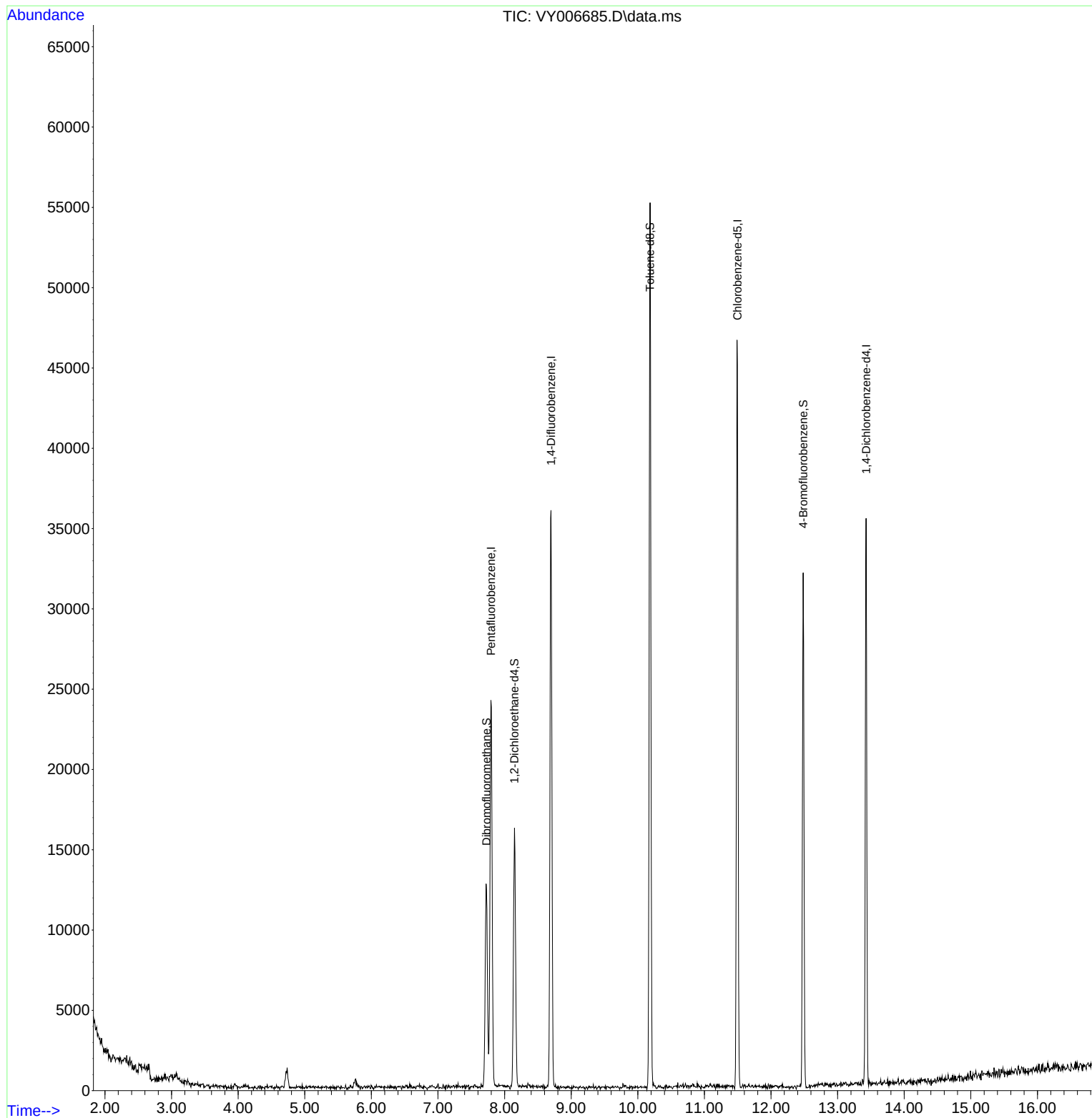
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

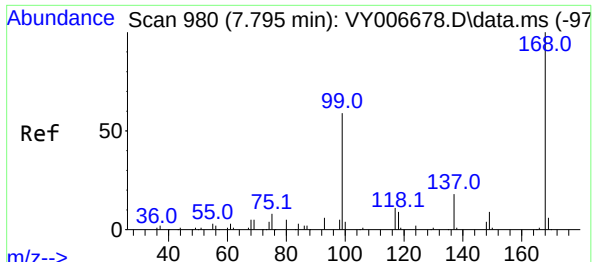
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :  
SB-1RE

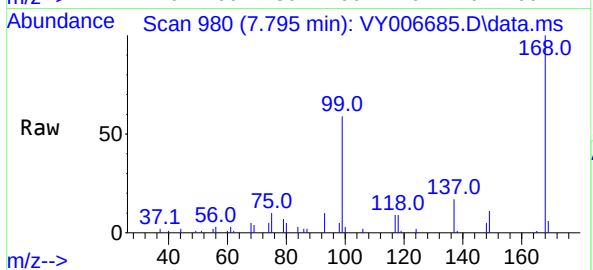
Quant Time: Nov 09 13:06:13 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y102221S.M  
Quant Title : SW846 8260  
QLast Update : Sat Oct 23 06:59:04 2021  
Response via : Initial Calibration



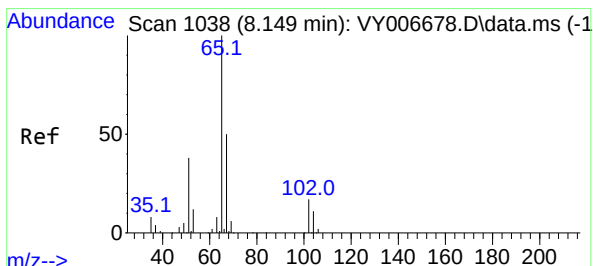
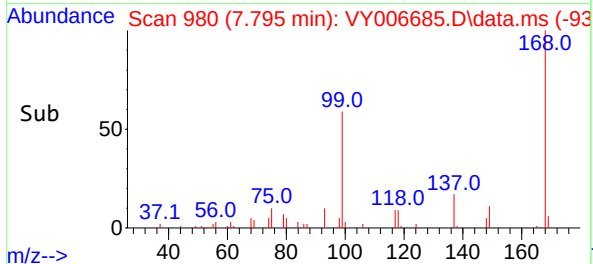
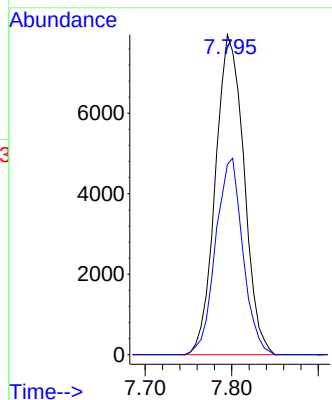


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY006685.D  
Acq: 08 Nov 2021 17:07

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-1RE

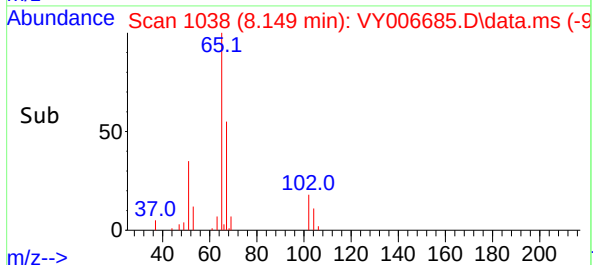
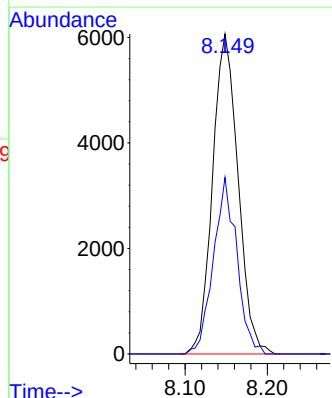
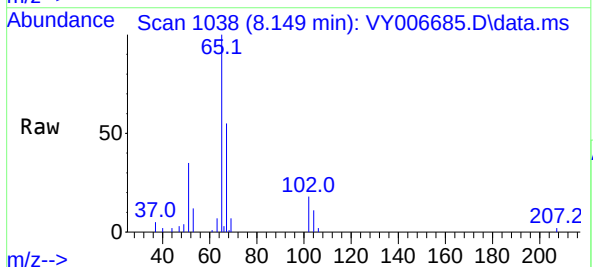


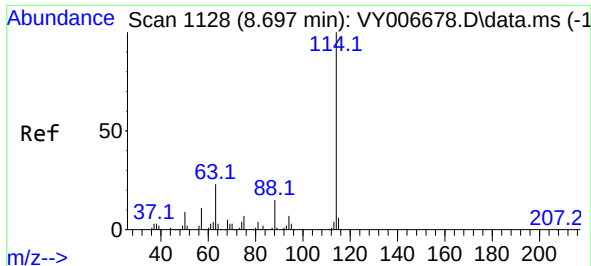
Tgt Ion:168 Resp: 18226  
Ion Ratio Lower Upper  
168 100  
99 59.4 44.8 67.2



#33  
1,2-Dichloroethane-d4  
Concen: 58.279 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. -0.000 min  
Lab File: VY006685.D  
Acq: 08 Nov 2021 17:07

Tgt Ion: 65 Resp: 13071  
Ion Ratio Lower Upper  
65 100  
67 50.8 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY006685.D

Acq: 08 Nov 2021 17:07

Instrument :

MSVOA\_Y

ClientSampleId :

SB-1RE

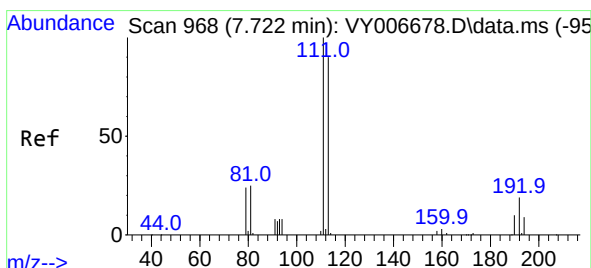
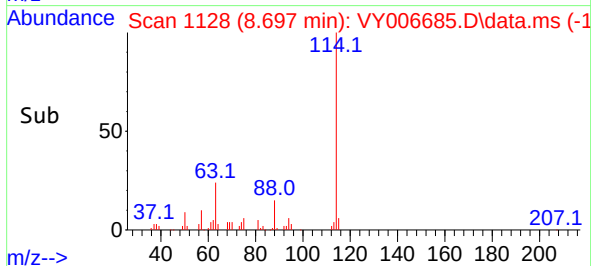
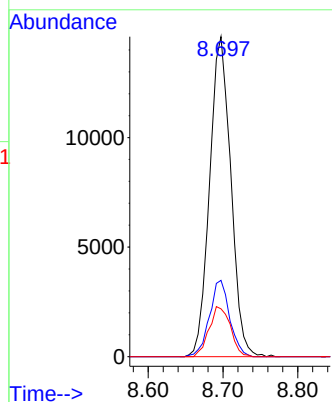
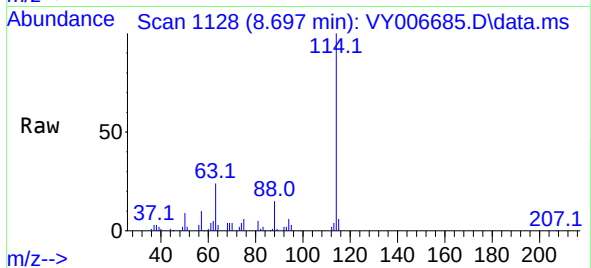
Tgt Ion:114 Resp: 28770

Ion Ratio Lower Upper

114 100

63 23.9 0.0 45.0

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.196 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY006685.D

Acq: 08 Nov 2021 17:07

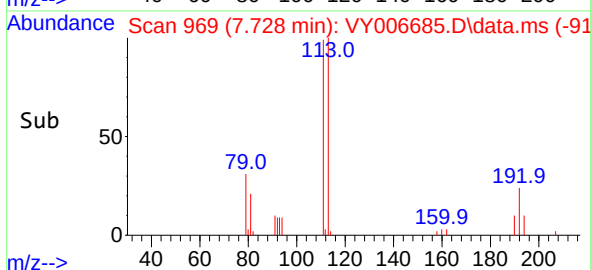
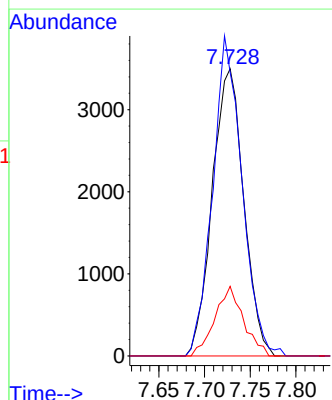
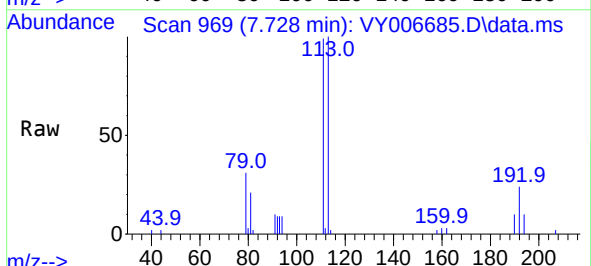
Tgt Ion:113 Resp: 8370

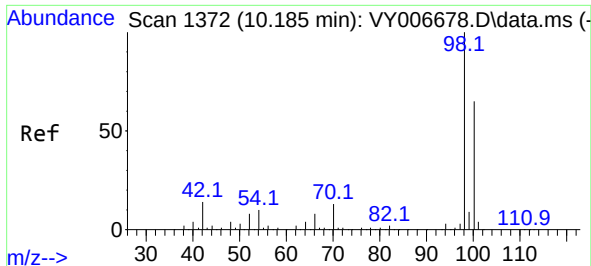
Ion Ratio Lower Upper

113 100

111 103.9 82.3 123.5

192 22.1 17.4 26.2

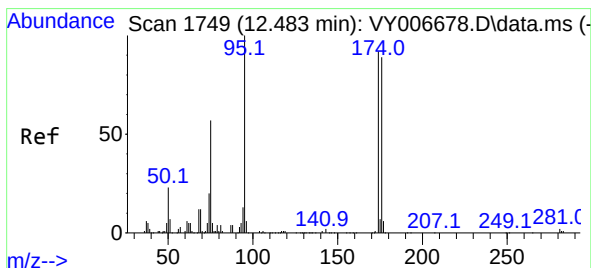
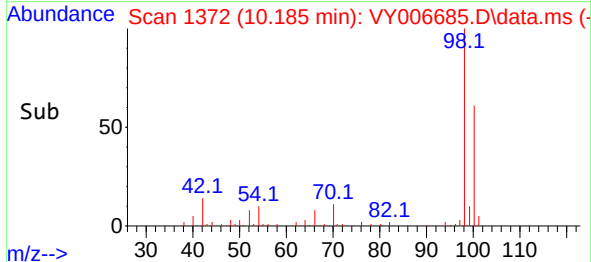
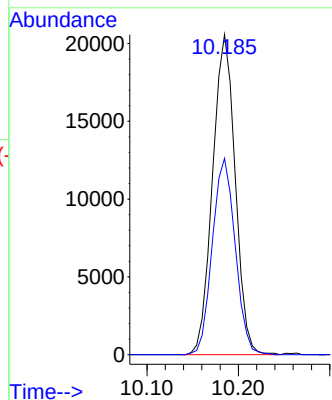
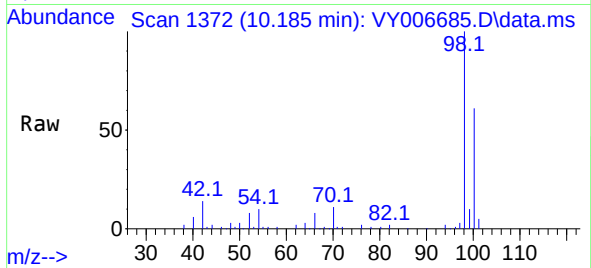




#50  
Toluene-d8  
Concen: 52.035 ug/l  
RT: 10.185 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY006685.D  
Acq: 08 Nov 2021 17:07

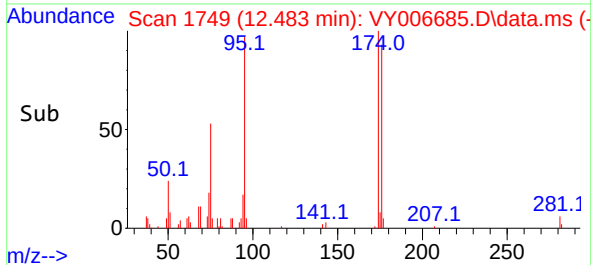
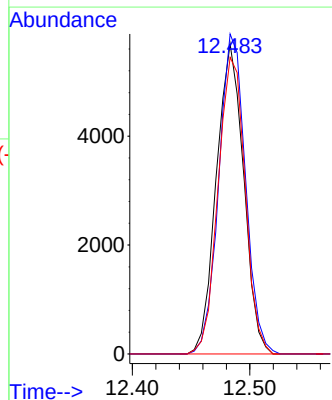
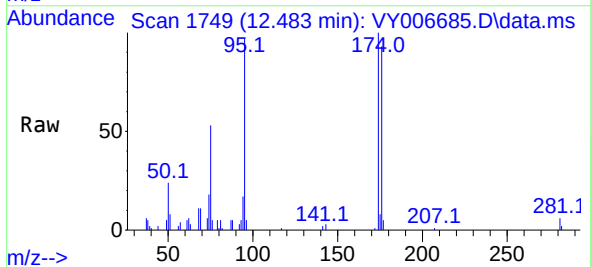
Instrument :  
MSVOA\_Y  
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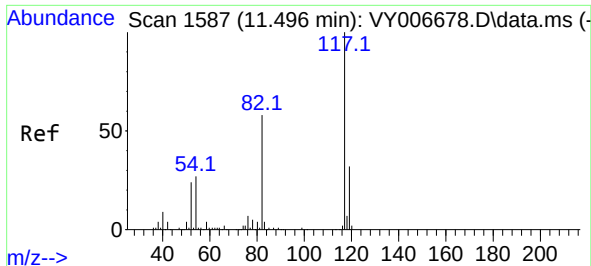
Tgt Ion: 98 Resp: 35372  
Ion Ratio Lower Upper  
98 100  
100 62.0 50.9 76.3



#62  
4-Bromofluorobenzene  
Concen: 40.050 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY006685.D  
Acq: 08 Nov 2021 17:07

Tgt Ion: 95 Resp: 9171  
Ion Ratio Lower Upper  
95 100  
174 101.0 0.0 177.0  
176 94.9 0.0 169.4

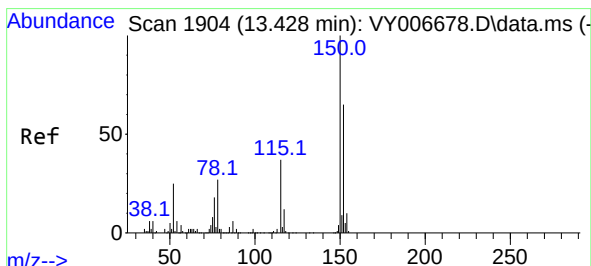
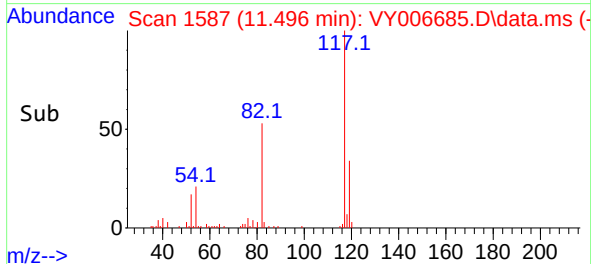
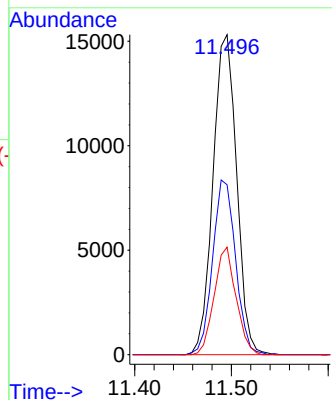
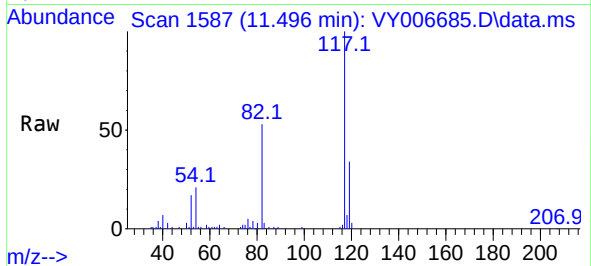




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.496 min Scan# 117  
Delta R.T. 0.006 min  
Lab File: VY006685.D  
Acq: 08 Nov 2021 17:07

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-1RE

Tgt Ion:117 Resp: 25973  
Ion Ratio Lower Upper  
117 100  
82 53.1 45.7 68.5  
119 33.6 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. -0.000 min  
Lab File: VY006685.D  
Acq: 08 Nov 2021 17:07

Tgt Ion:152 Resp: 8475  
Ion Ratio Lower Upper  
152 100  
115 56.5 28.5 85.5  
150 155.6 0.0 348.2

