

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY010622\  
 Data File : VY007035.D  
 Acq On : 06 Jan 2022 16:17  
 Operator : SY/MD  
 Sample : N1047-03  
 Misc : 6.22g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 FM-E7-01-2.5

Quant Time: Jan 07 11:48:23 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y010522S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 06 04:51:57 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.795  | 168  | 133194   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.697  | 114  | 250539   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.496 | 117  | 238292   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 111930   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 93221    | 59.292   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 118.580% |
| 35) Dibromofluoromethane    | 7.722  | 113   | 85157    | 51.707   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 103.420% |
| 50) Toluene-d8              | 10.185 | 98    | 307510   | 50.255   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 100.520% |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 118001   | 51.205   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 102.420% |

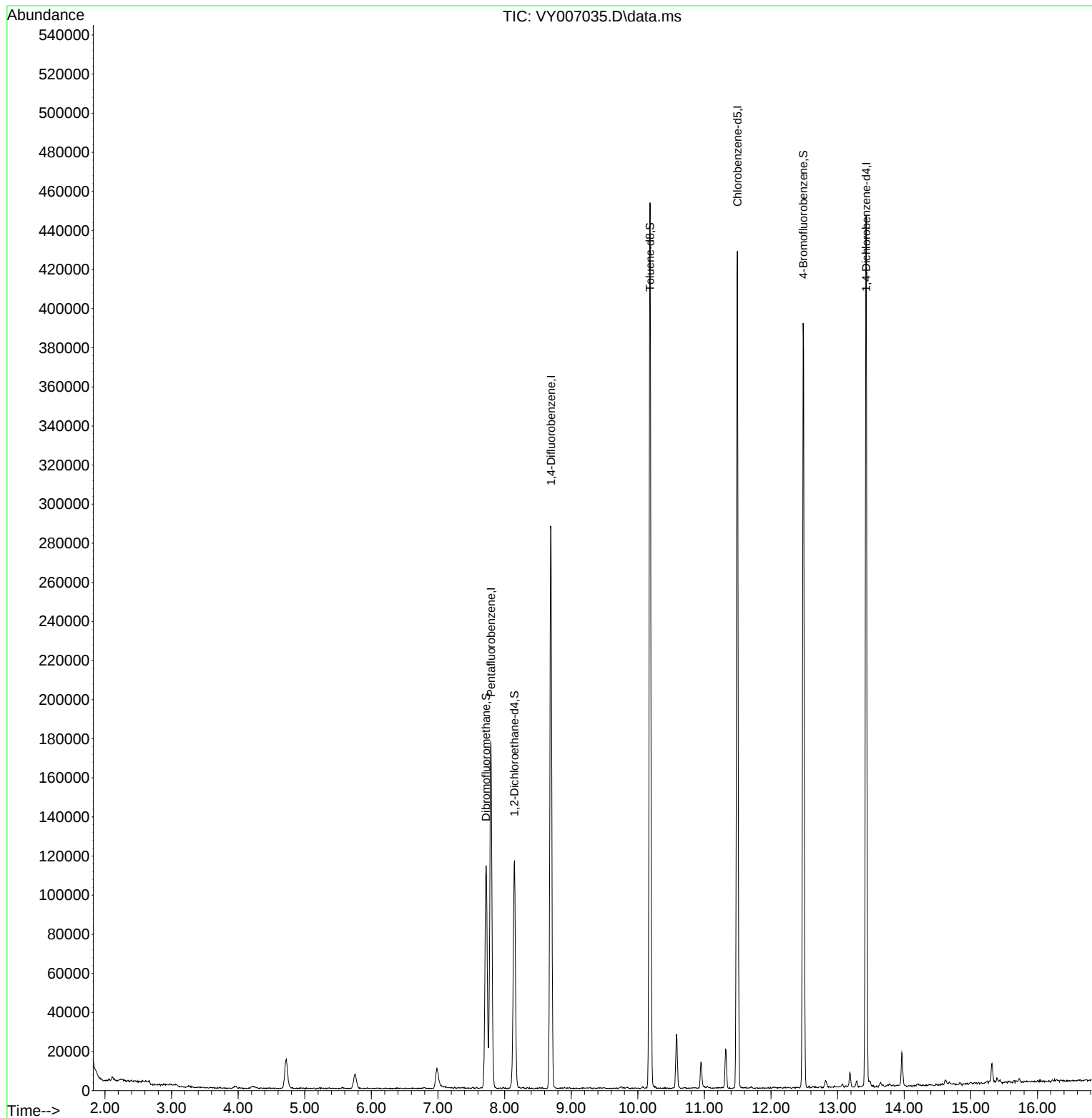
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

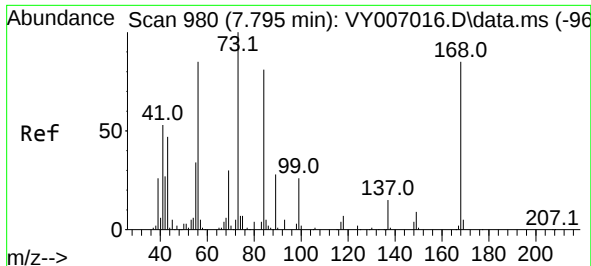
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
FM-E7-01-2.5

Quant Time: Jan 07 11:48:23 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y010522S.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 06 04:51:57 2022  
Response via : Initial Calibration

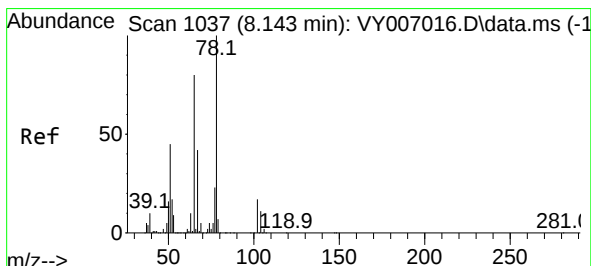
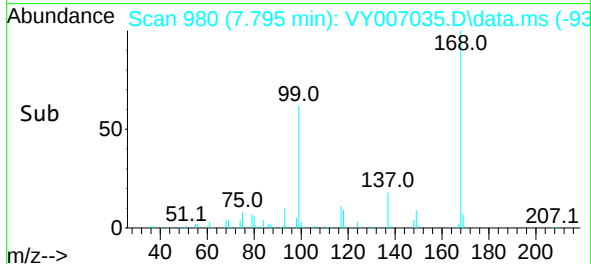
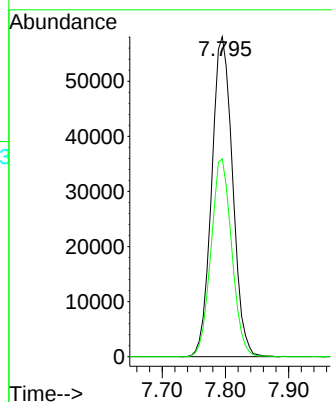
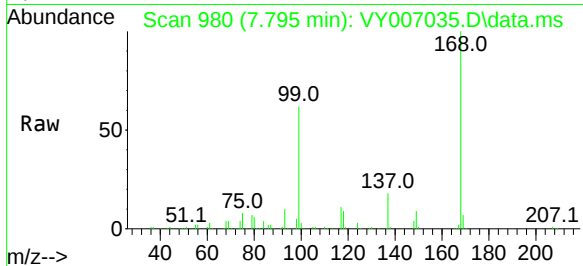




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY007035.D  
Acq: 06 Jan 2022 16:17

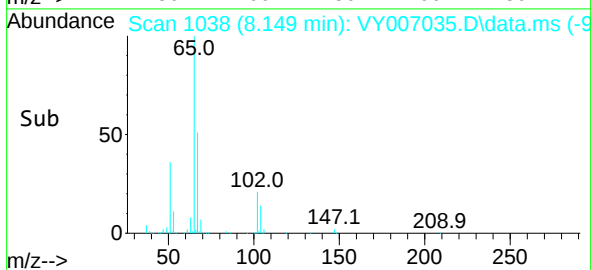
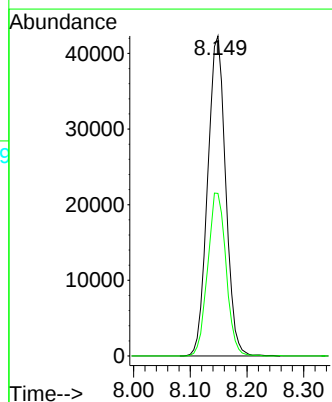
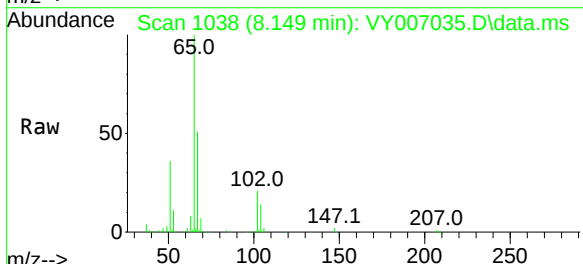
Instrument :  
MSVOA\_Y  
ClientSampleId :  
FM-E7-01-2.5

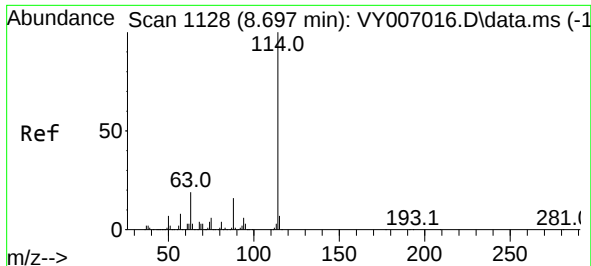
Tgt Ion:168 Resp: 133194  
Ion Ratio Lower Upper  
168 100  
99 61.8 48.9 73.3



#33  
1,2-Dichloroethane-d4  
Concen: 59.292 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. 0.006 min  
Lab File: VY007035.D  
Acq: 06 Jan 2022 16:17

Tgt Ion: 65 Resp: 93221  
Ion Ratio Lower Upper  
65 100  
67 51.9 0.0 105.8

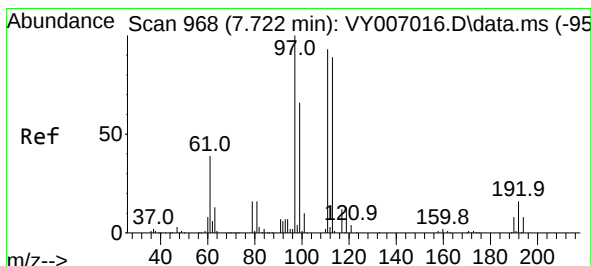
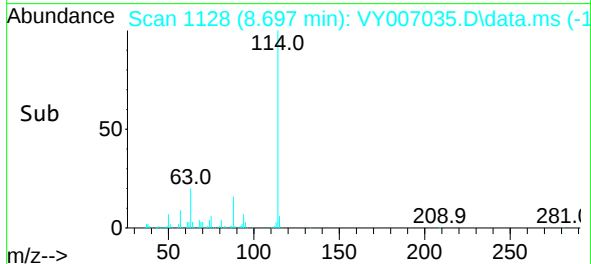
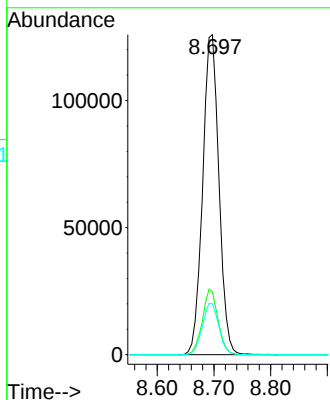
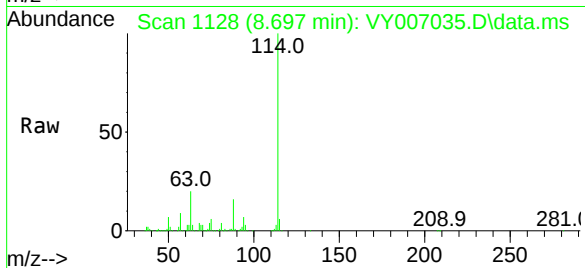




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. 0.000 min  
Lab File: VY007035.D  
Acq: 06 Jan 2022 16:17

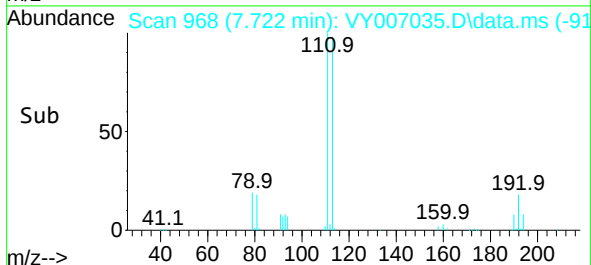
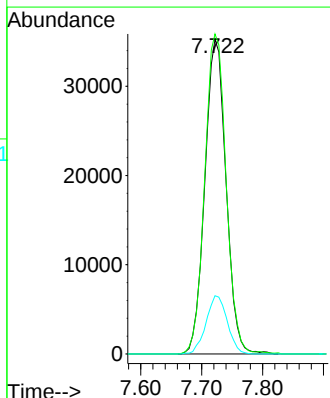
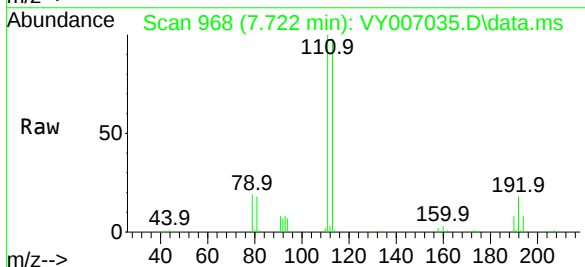
Instrument :  
MSVOA\_Y  
ClientSampleId :  
FM-E7-01-2.5

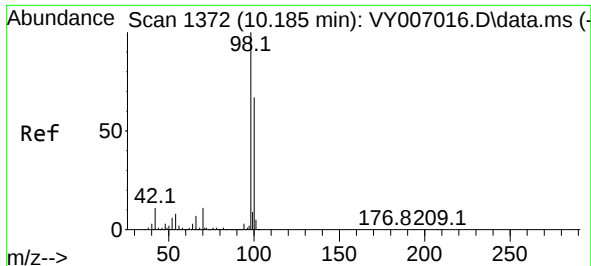
Tgt Ion:114 Resp: 250539  
Ion Ratio Lower Upper  
114 100  
63 19.6 0.0 37.6  
88 15.9 0.0 31.8



#35  
Dibromofluoromethane  
Concen: 51.707 ug/l  
RT: 7.722 min Scan# 968  
Delta R.T. 0.000 min  
Lab File: VY007035.D  
Acq: 06 Jan 2022 16:17

Tgt Ion:113 Resp: 85157  
Ion Ratio Lower Upper  
113 100  
111 102.9 81.9 122.9  
192 18.5 14.6 21.8

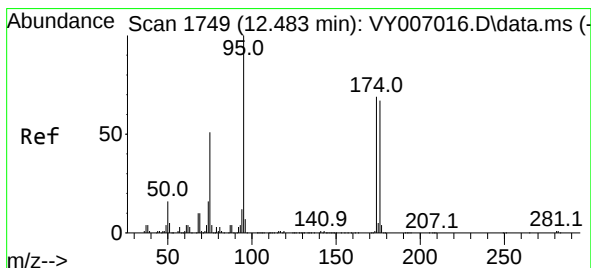
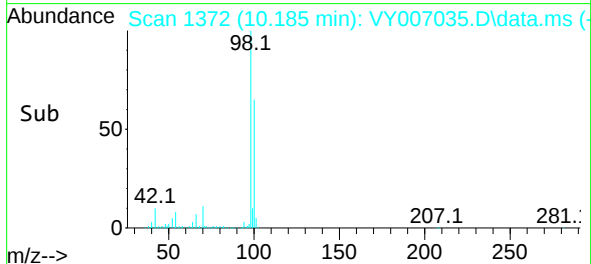
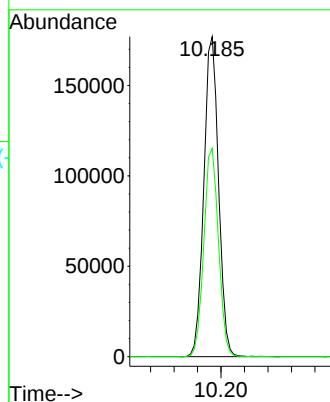
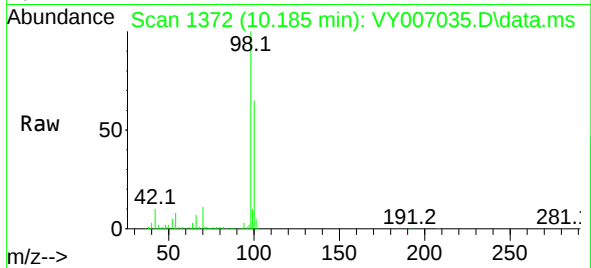




#50  
Toluene-d8  
Concen: 50.255 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. 0.000 min  
Lab File: VY007035.D  
Acq: 06 Jan 2022 16:17

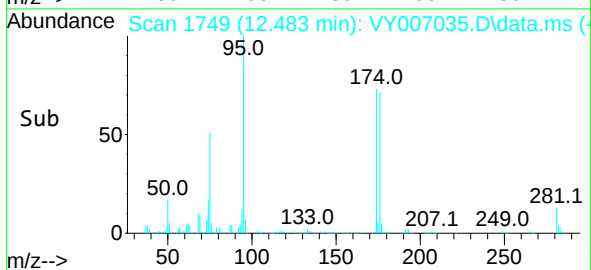
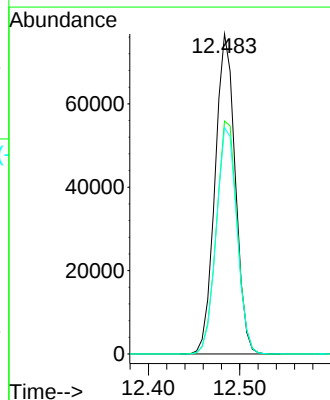
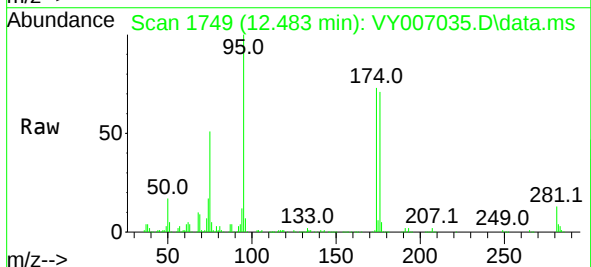
Instrument :  
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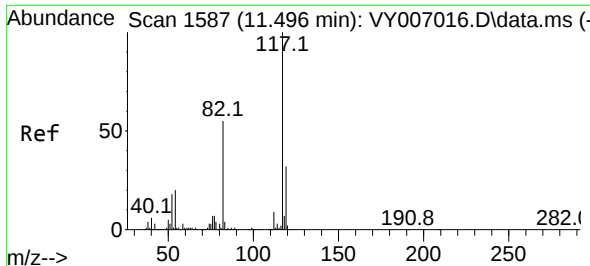
Tgt Ion: 98 Resp: 307510  
Ion Ratio Lower Upper  
98 100  
100 65.0 52.8 79.2



#62  
4-Bromofluorobenzene  
Concen: 51.205 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY007035.D  
Acq: 06 Jan 2022 16:17

Tgt Ion: 95 Resp: 118001  
Ion Ratio Lower Upper  
95 100  
174 74.8 0.0 144.6  
176 72.6 0.0 141.0

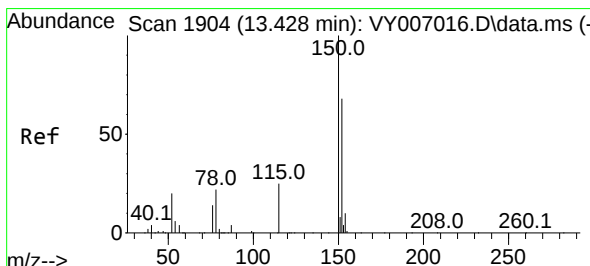
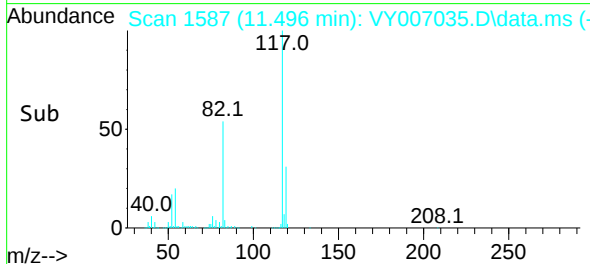
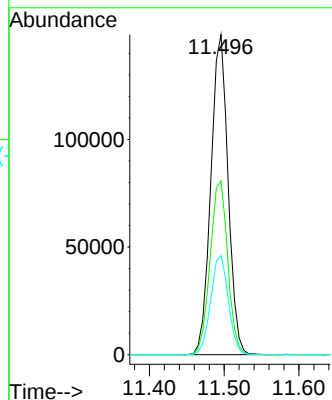
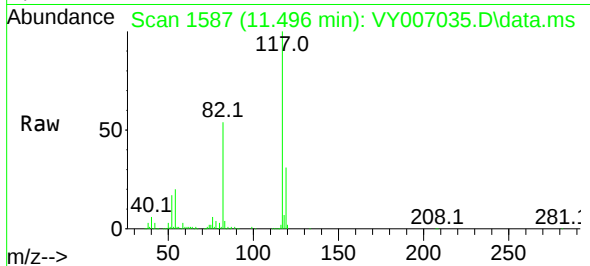




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.496 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VY007035.D  
Acq: 06 Jan 2022 16:17

Instrument :  
MSVOA\_Y  
ClientSampleId :  
FM-E7-01-2.5

Tgt Ion:117 Resp: 238292  
Ion Ratio Lower Upper  
117 100  
82 54.3 44.1 66.1  
119 30.9 25.3 37.9



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VY007035.D  
Acq: 06 Jan 2022 16:17

Tgt Ion:152 Resp: 111930  
Ion Ratio Lower Upper  
152 100  
115 61.6 31.9 95.5  
150 155.9 0.0 358.0

