

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY012122\  
 Data File : VY007255.D  
 Acq On : 21 Jan 2022 16:05  
 Operator : SY/MD  
 Sample : N1237-02  
 Misc : 5.06g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 P-PARK-3

Quant Time: Jan 22 00:24:12 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      | 7.795  | 168  | 92502    | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.697  | 114  | 172195   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.496 | 117  | 154716   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 59172    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 59572    | 52.486   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 104.980% |
| 35) Dibromofluoromethane    | 7.722  | 113   | 56931    | 48.895   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 97.780%  |
| 50) Toluene-d8              | 10.185 | 98    | 203926   | 47.932   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 95.860%  |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 67615    | 44.678   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 89.360%  |

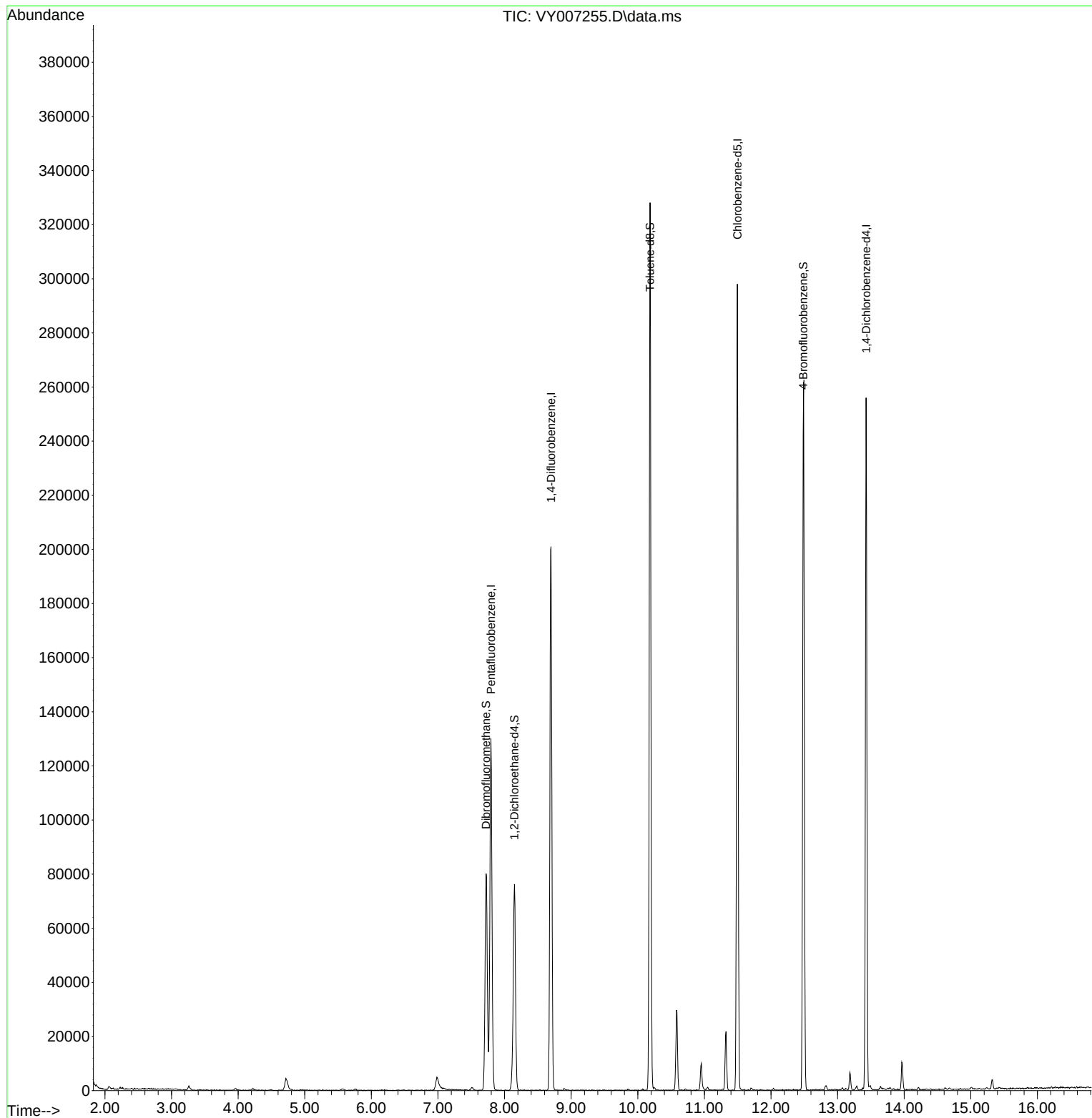
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

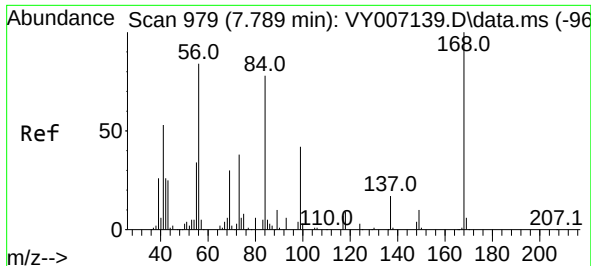
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
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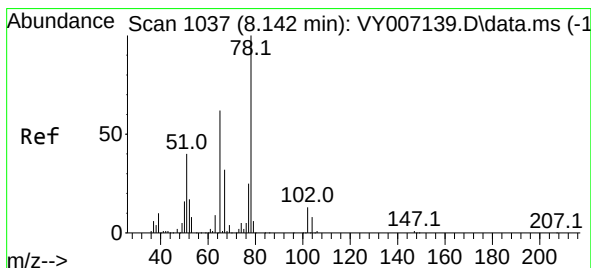
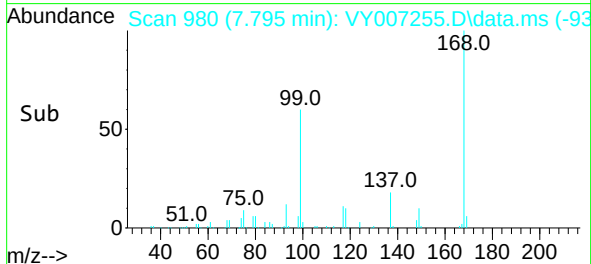
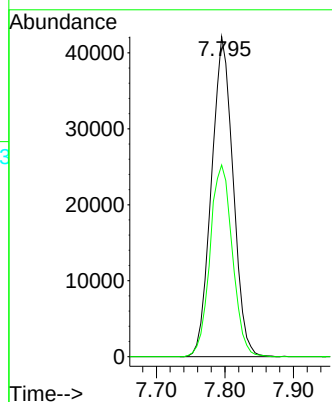
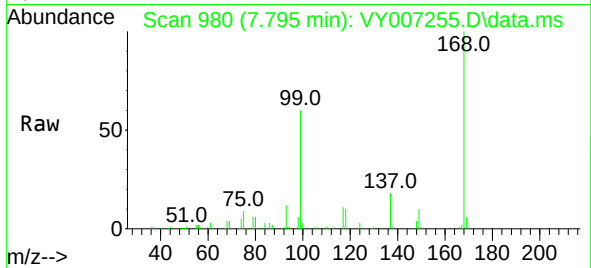




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY007255.D  
Acq: 21 Jan 2022 16:05

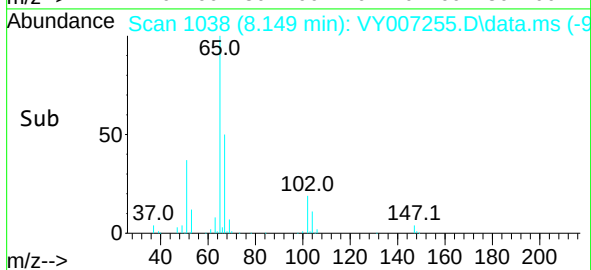
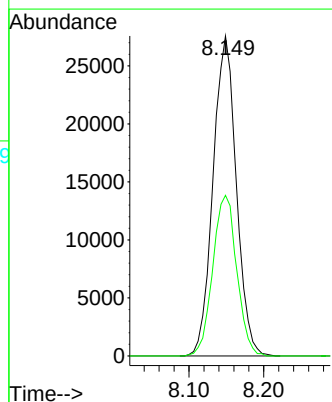
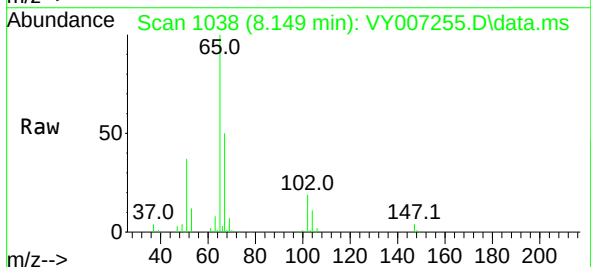
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P-PARK-3

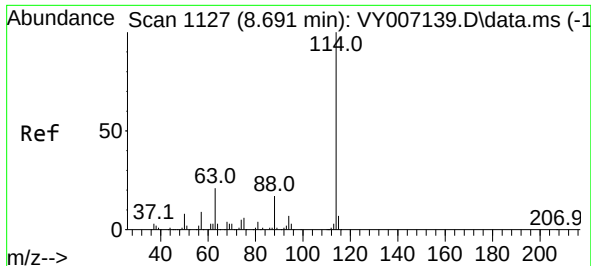
Tgt Ion:168 Resp: 92502  
Ion Ratio Lower Upper  
168 100  
99 59.9 49.1 73.7



#33  
1,2-Dichloroethane-d4  
Concen: 52.486 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. 0.007 min  
Lab File: VY007255.D  
Acq: 21 Jan 2022 16:05

Tgt Ion: 65 Resp: 59572  
Ion Ratio Lower Upper  
65 100  
67 51.7 0.0 105.6

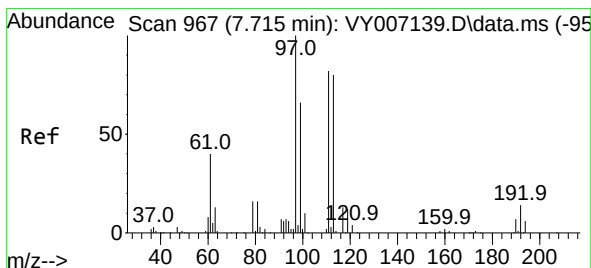
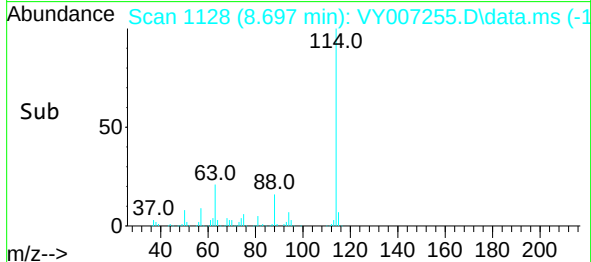
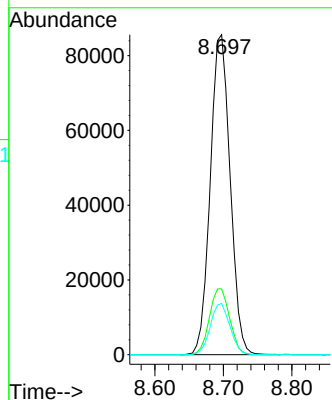
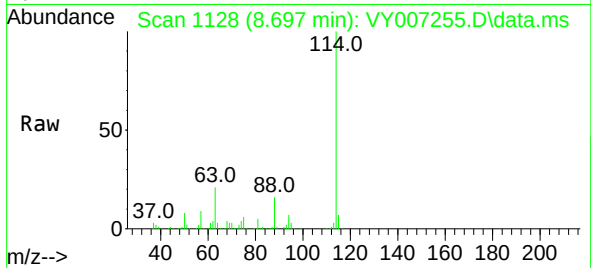




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.697 min Scan# 1127  
Delta R.T. 0.007 min  
Lab File: VY007255.D  
Acq: 21 Jan 2022 16:05

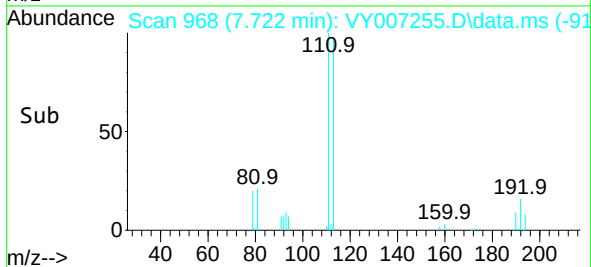
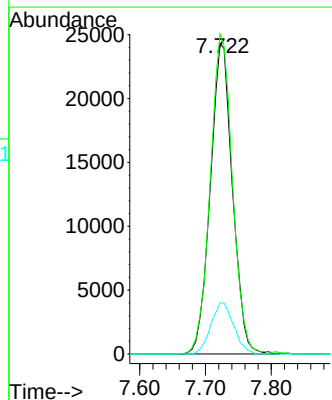
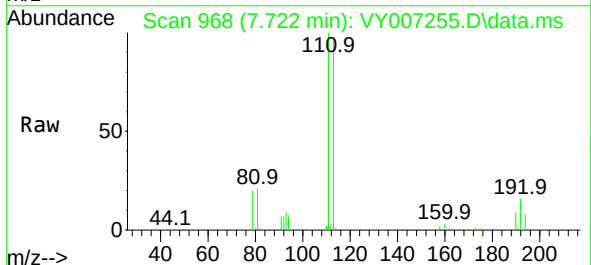
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P-PARK-3

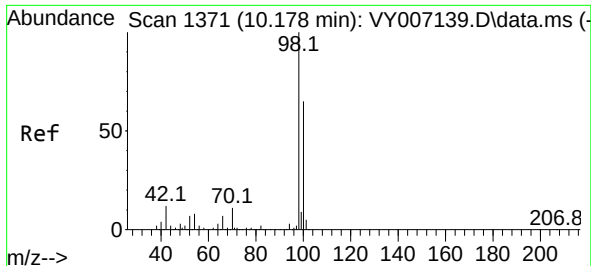
Tgt Ion:114 Resp: 172195  
Ion Ratio Lower Upper  
114 100  
63 20.6 0.0 39.2  
88 16.0 0.0 31.0



#35  
Dibromofluoromethane  
Concen: 48.895 ug/l  
RT: 7.722 min Scan# 968  
Delta R.T. 0.007 min  
Lab File: VY007255.D  
Acq: 21 Jan 2022 16:05

Tgt Ion:113 Resp: 56931  
Ion Ratio Lower Upper  
113 100  
111 103.8 82.2 123.4  
192 17.0 14.2 21.4

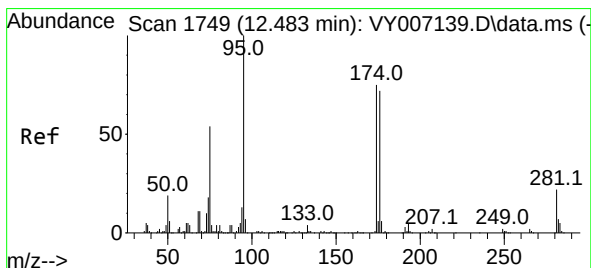
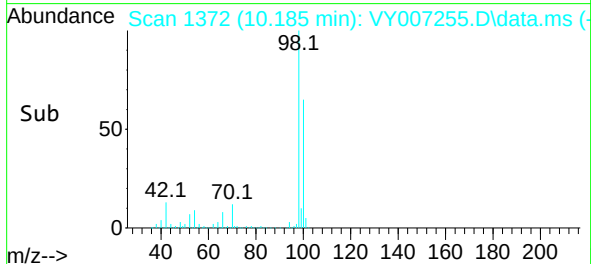
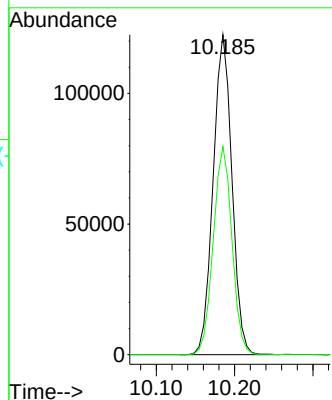
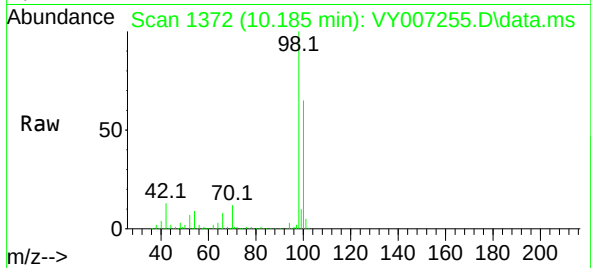




#50  
Toluene-d8  
Concen: 47.932 ug/l  
RT: 10.185 min Scan# 11  
Delta R.T. 0.007 min  
Lab File: VY007255.D  
Acq: 21 Jan 2022 16:05

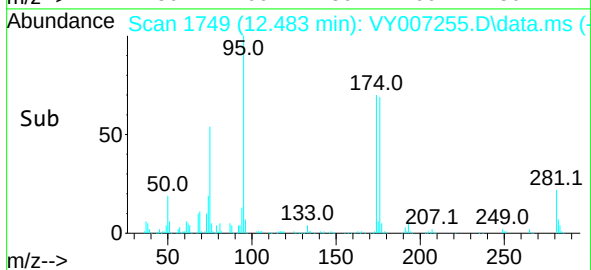
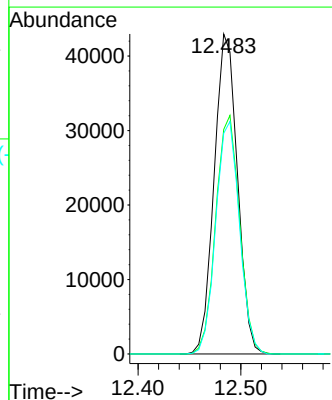
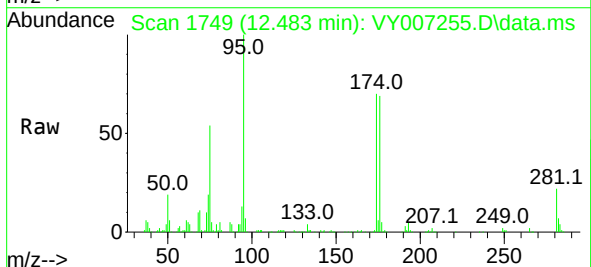
Instrument :  
MSVOA\_Y  
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P-PARK-3

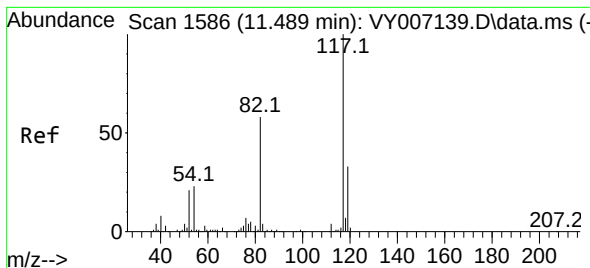
Tgt Ion: 98 Resp: 203926  
Ion Ratio Lower Upper  
98 100  
100 64.8 52.2 78.2



#62  
4-Bromofluorobenzene  
Concen: 44.678 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.001 min  
Lab File: VY007255.D  
Acq: 21 Jan 2022 16:05

Tgt Ion: 95 Resp: 67615  
Ion Ratio Lower Upper  
95 100  
174 76.3 0.0 148.4  
176 73.7 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY007255.D

Acq: 21 Jan 2022 16:05

Instrument :

MSVOA\_Y

ClientSampleId :

P-PARK-3

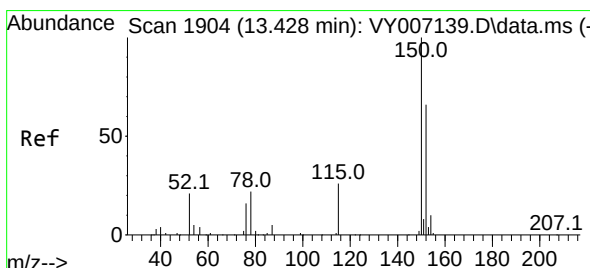
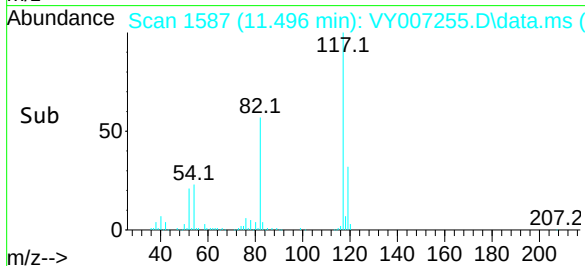
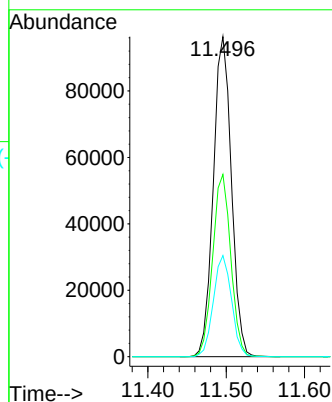
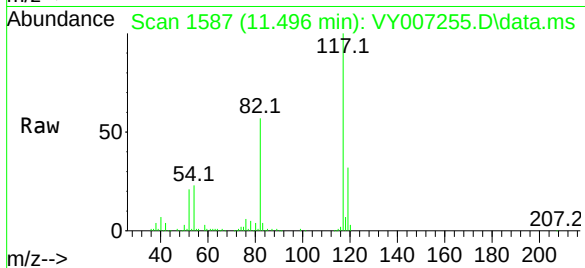
Tgt Ion:117 Resp: 154716

Ion Ratio Lower Upper

117 100

82 57.0 45.4 68.0

119 31.6 26.4 39.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.001 min

Lab File: VY007255.D

Acq: 21 Jan 2022 16:05

Tgt Ion:152 Resp: 59172

Ion Ratio Lower Upper

152 100

115 63.8 31.4 94.0

150 158.5 0.0 348.4

