

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY032922\  
 Data File : VY008089.D  
 Acq On : 29 Mar 2022 16:02  
 Operator : SY/MD  
 Sample : N2155-04  
 Misc : 5.36g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 22L076-D

Quant Time: Mar 30 04:00:30 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y032522S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Mar 26 03:24:51 2022  
 Response via : Initial Calibration

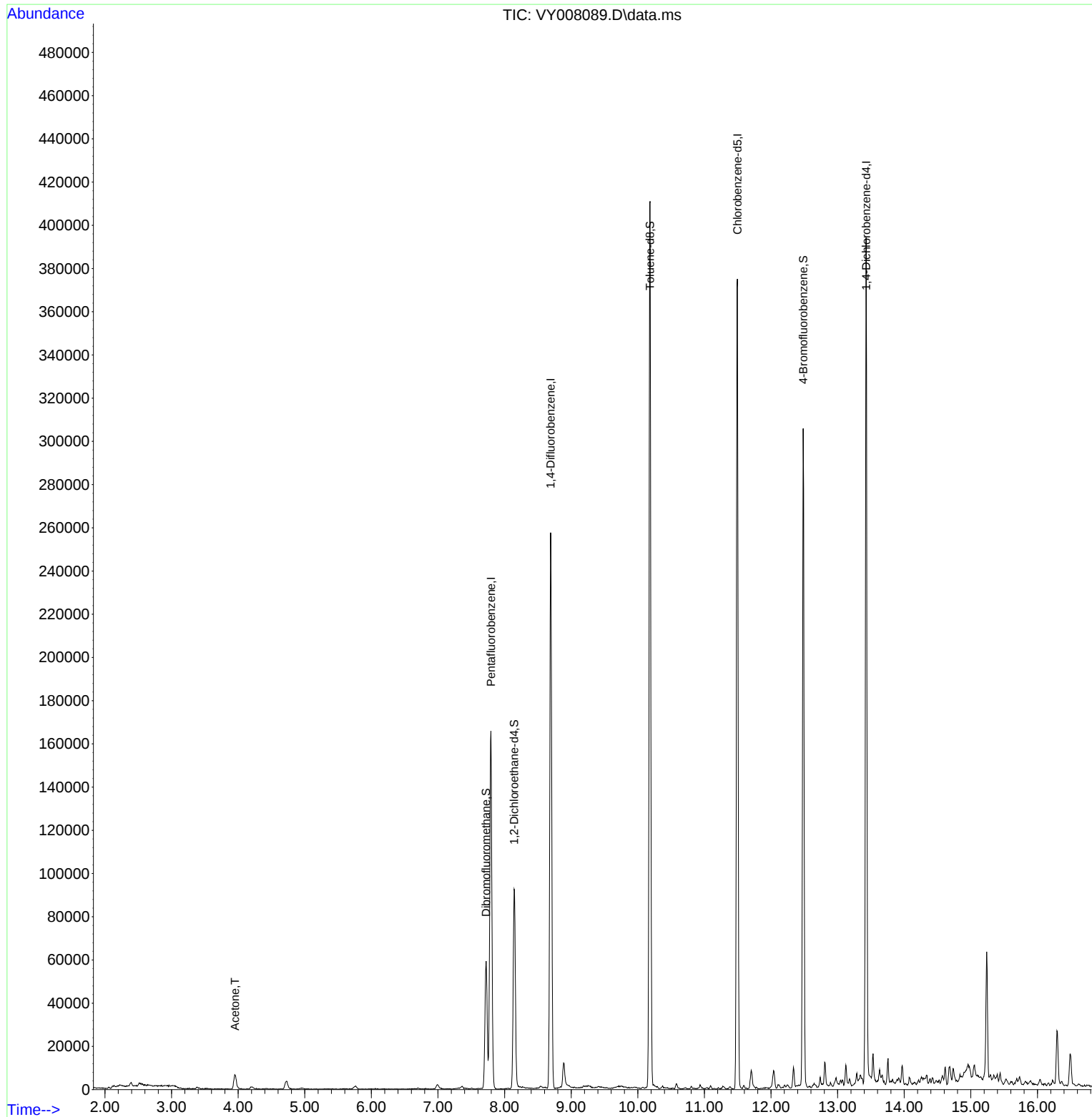
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)    |
|-----------------------------|--------|-------|----------|----------|-------|-------------|
| -----                       |        |       |          |          |       |             |
| Internal Standards          |        |       |          |          |       |             |
| 1) Pentafluorobenzene       | 7.795  | 168   | 126860   | 50.000   | ug/l  | 0.00        |
| 34) 1,4-Difluorobenzene     | 8.691  | 114   | 232218   | 50.000   | ug/l  | 0.00        |
| 63) Chlorobenzene-d5        | 11.496 | 117   | 217987   | 50.000   | ug/l  | 0.00        |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152   | 97592    | 50.000   | ug/l  | 0.00        |
| System Monitoring Compounds |        |       |          |          |       |             |
| 33) 1,2-Dichloroethane-d4   | 8.142  | 65    | 71374    | 56.077   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 112.160%    |
| 35) Dibromofluoromethane    | 7.722  | 113   | 42742    | 29.357   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 58.720%     |
| 50) Toluene-d8              | 10.185 | 98    | 282397   | 51.483   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =     | 102.960%    |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 96112    | 49.665   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =     | 99.320%     |
| Target Compounds            |        |       |          |          |       |             |
| 16) Acetone                 | 3.954  | 43    | 11900    | 40.904   | ug/l  | Qvalue # 88 |
| -----                       |        |       |          |          |       |             |

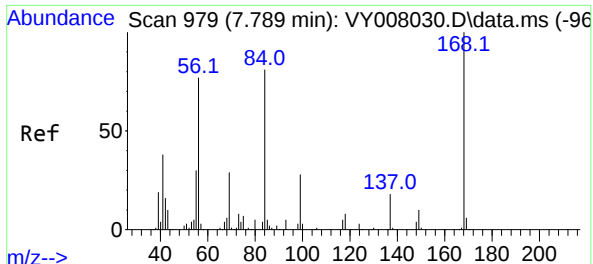
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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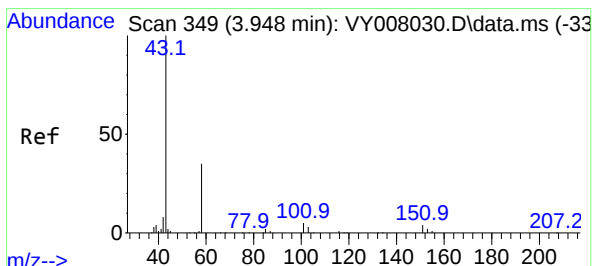
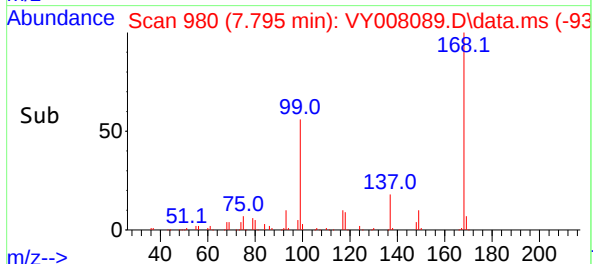
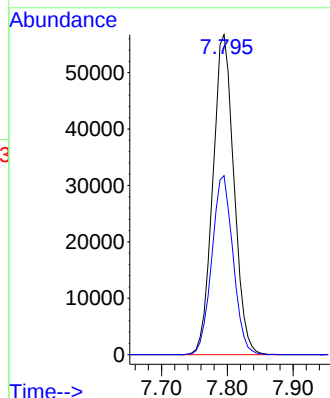
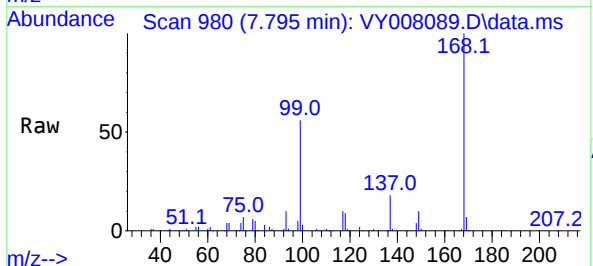




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY008089.D  
Acq: 29 Mar 2022 16:02

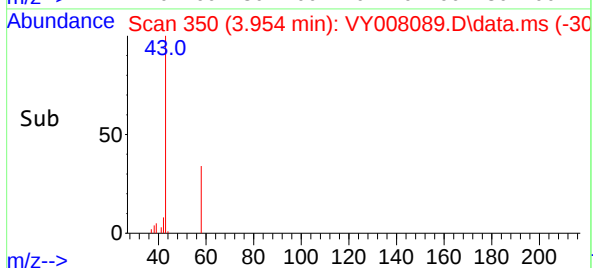
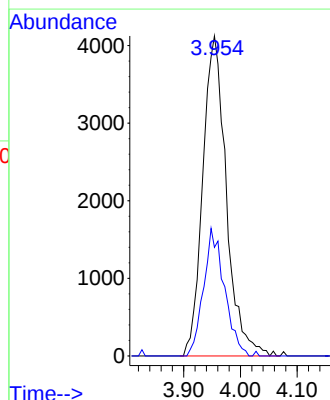
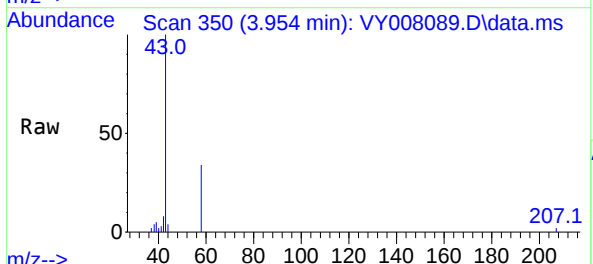
Instrument :  
MSVOA\_Y  
ClientSampleId :  
22L076-D

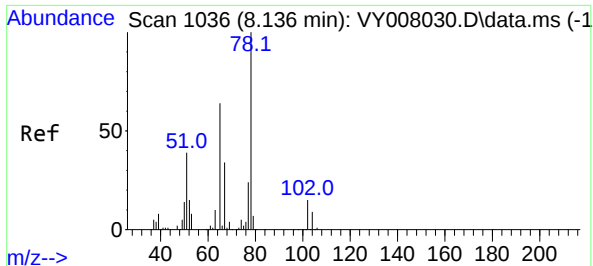
Tgt Ion:168 Resp: 126860  
Ion Ratio Lower Upper  
168 100  
99 55.9 46.9 70.3



#16  
Acetone  
Concen: 40.904 ug/l  
RT: 3.954 min Scan# 350  
Delta R.T. 0.006 min  
Lab File: VY008089.D  
Acq: 29 Mar 2022 16:02

Tgt Ion: 43 Resp: 11900  
Ion Ratio Lower Upper  
43 100  
58 33.9 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 56.077 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY008089.D

Acq: 29 Mar 2022 16:02

Instrument :

MSVOA\_Y

ClientSampleId :

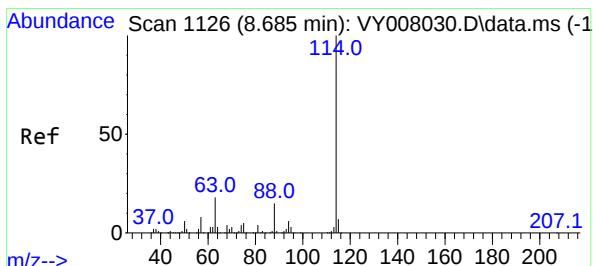
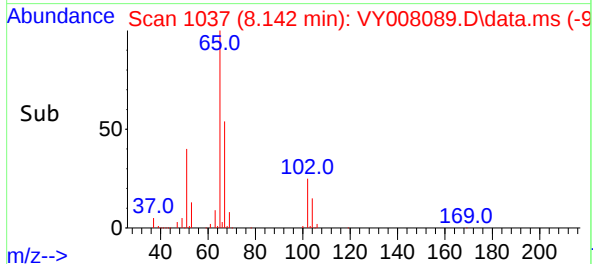
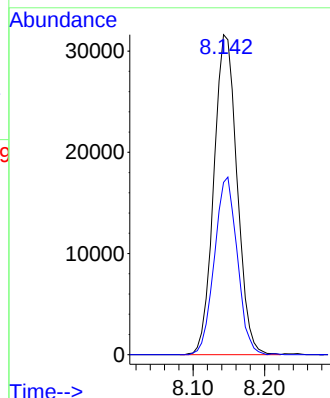
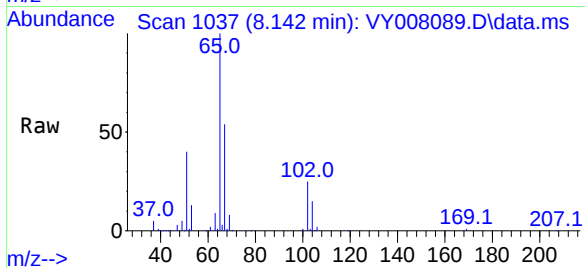
22L076-D

Tgt Ion: 65 Resp: 71374

Ion Ratio Lower Upper

65 100

67 54.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008089.D

Acq: 29 Mar 2022 16:02

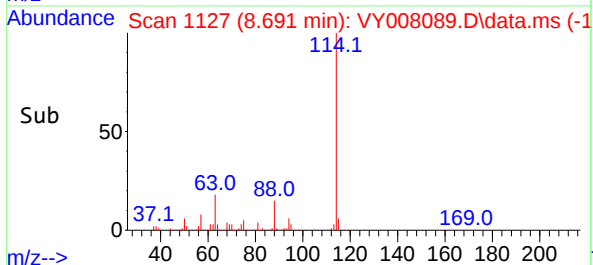
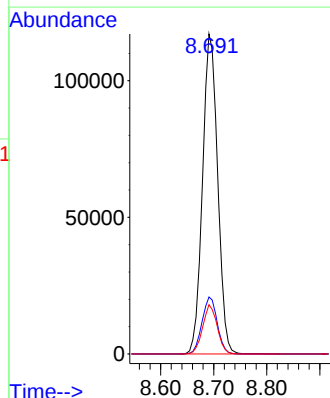
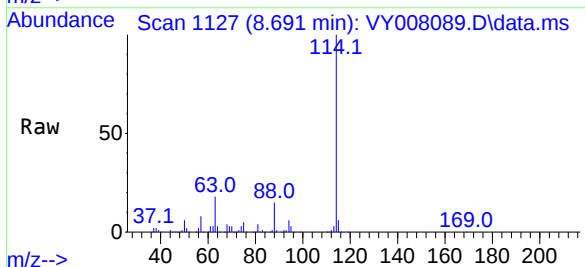
Tgt Ion: 114 Resp: 232218

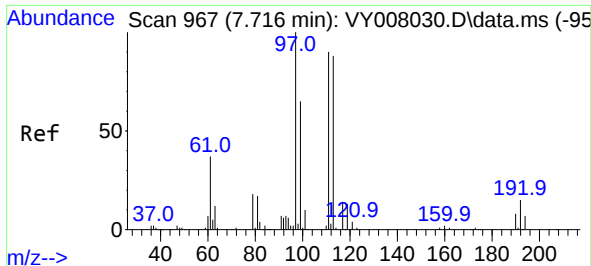
Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 15.4 0.0 31.8

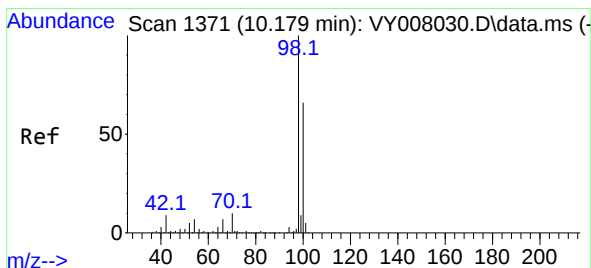
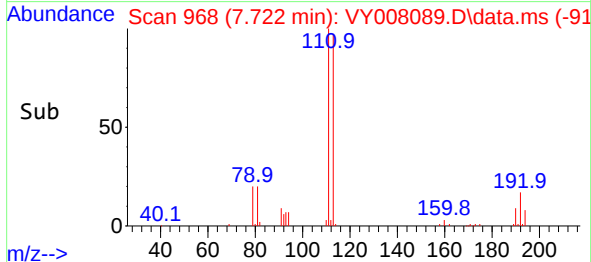
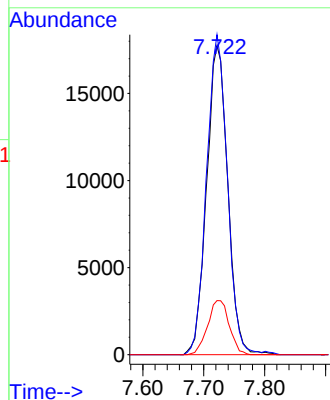
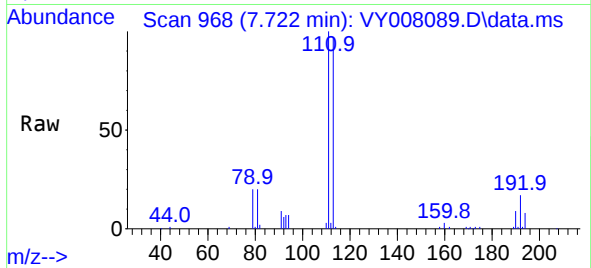




#35  
Dibromofluoromethane  
Concen: 29.357 ug/l  
RT: 7.722 min Scan# 90  
Delta R.T. 0.006 min  
Lab File: VY008089.D  
Acq: 29 Mar 2022 16:02

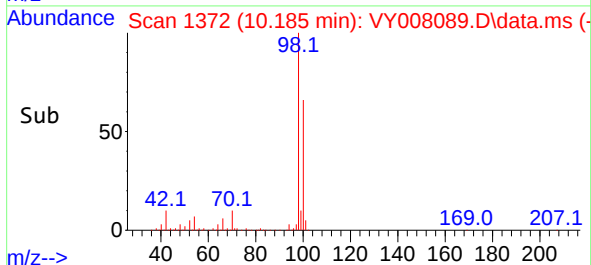
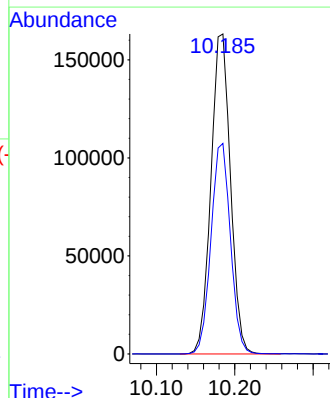
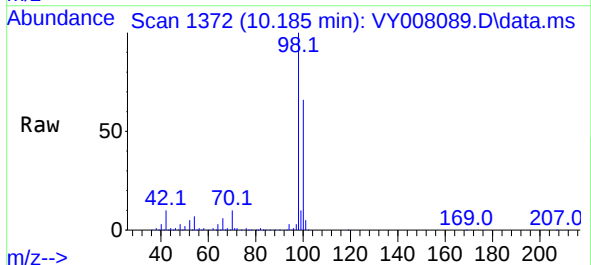
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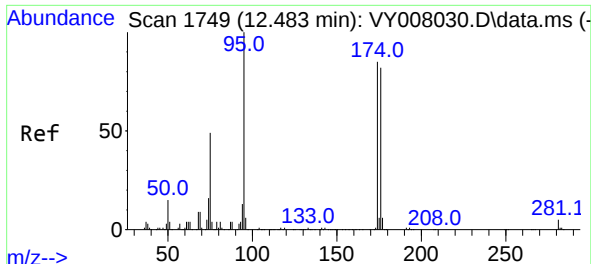
Tgt Ion:113 Resp: 42742  
Ion Ratio Lower Upper  
113 100  
111 101.7 82.6 124.0  
192 17.9 17.6 26.4



#50  
Toluene-d8  
Concen: 51.483 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. 0.006 min  
Lab File: VY008089.D  
Acq: 29 Mar 2022 16:02

Tgt Ion: 98 Resp: 282397  
Ion Ratio Lower Upper  
98 100  
100 65.5 50.2 75.2

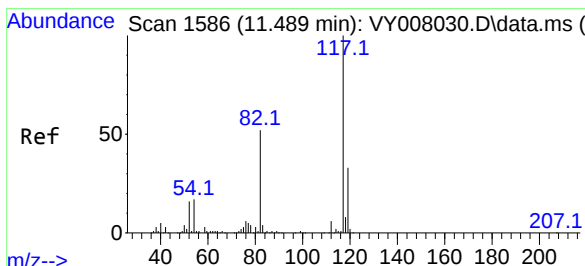
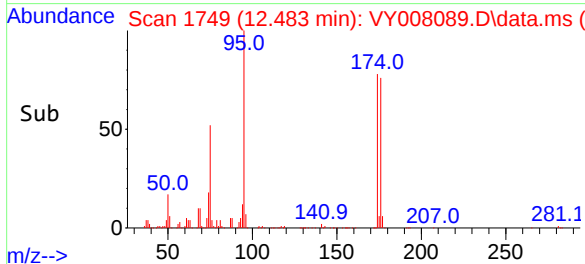
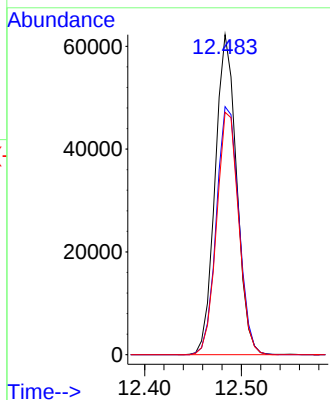
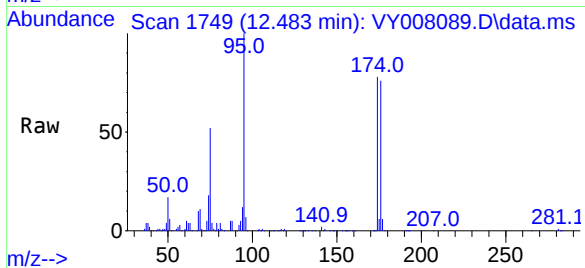




#62  
4-Bromofluorobenzene  
Concen: 49.665 ug/l  
RT: 12.483 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY008089.D  
Acq: 29 Mar 2022 16:02

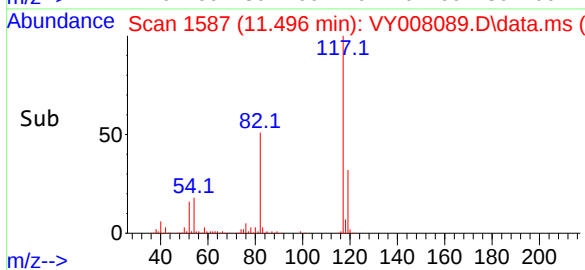
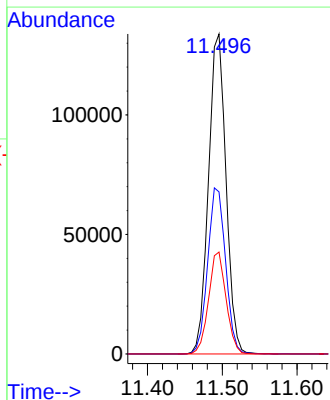
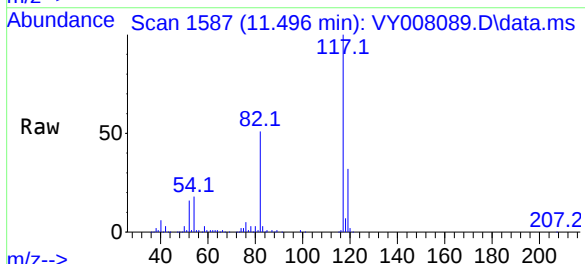
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ClientSampleId :  
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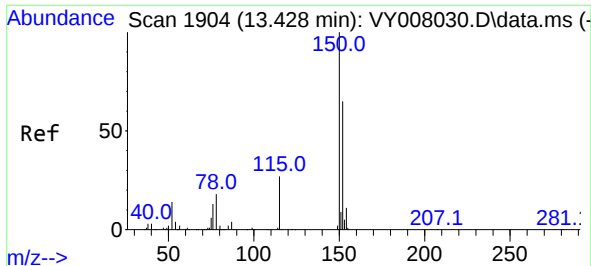
Tgt Ion: 95 Resp: 96112  
Ion Ratio Lower Upper  
95 100  
174 80.9 0.0 177.0  
176 77.6 0.0 175.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. 0.006 min  
Lab File: VY008089.D  
Acq: 29 Mar 2022 16:02

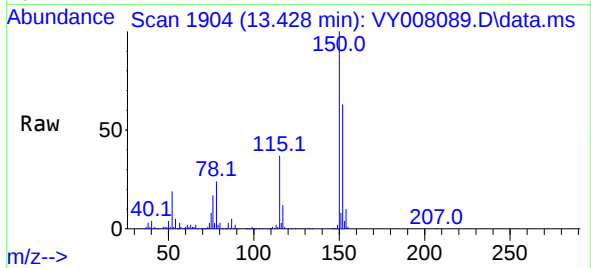
Tgt Ion: 117 Resp: 217987  
Ion Ratio Lower Upper  
117 100  
82 50.6 43.0 64.4  
119 31.8 25.4 38.0





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.428 min Scan# 1904  
 Delta R.T. 0.000 min  
 Lab File: VY008089.D  
 Acq: 29 Mar 2022 16:02

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 22L076-D



Tgt Ion:152 Resp: 97592  
 Ion Ratio Lower Upper  
 152 100  
 115 59.2 28.2 84.7  
 150 157.7 0.0 347.6

