

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY080522\  
 Data File : VY009854.D  
 Acq On : 05 Aug 2022 16:36  
 Operator : KP/MD  
 Sample : N4032-01  
 Misc : 5.01g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SU-03-080322

Quant Time: Aug 06 01:19:12 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y080322S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Aug 04 02:27:45 2022  
 Response via : Initial Calibration

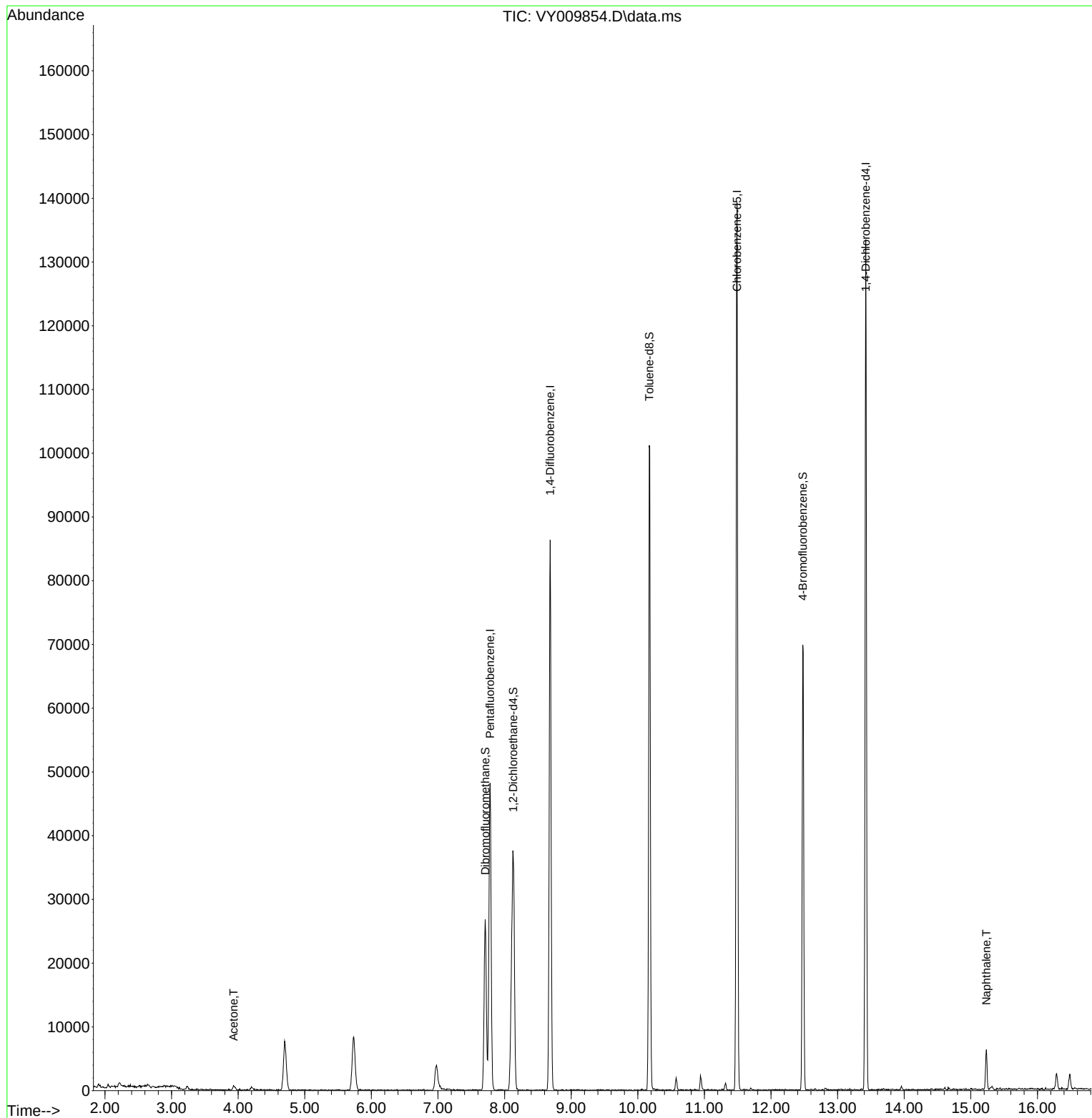
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 7.782  | 168   | 37074    | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.685  | 114   | 70930    | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.489 | 117   | 74477    | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.422 | 152   | 32583    | 50.000   | ug/l  | 0.00     |
|                             |        |       |          |          |       |          |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.130  | 65    | 21475    | 73.291   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 146.580% |
| 35) Dibromofluoromethane    | 7.709  | 113   | 18728    | 43.305   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 86.600%  |
| 50) Toluene-d8              | 10.172 | 98    | 63817    | 50.306   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 125 | Recovery | =     | 100.620% |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 20479    | 34.970   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 146 | Recovery | =     | 69.940%  |
|                             |        |       |          |          |       |          |
| Target Compounds            |        |       |          |          |       |          |
| 16) Acetone                 | 3.929  | 43    | 1225     | 11.673   | ug/l  | 94       |
| 95) Naphthalene             | 15.232 | 128   | 5373     | 9.123    | ug/l  | 99       |
| -----                       |        |       |          |          |       |          |

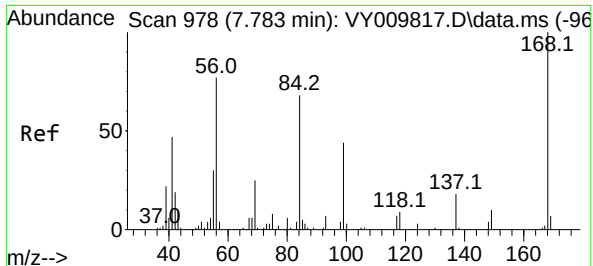
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY080522\  
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Sample : N4032-01  
Misc : 5.01g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
SU-03-080322

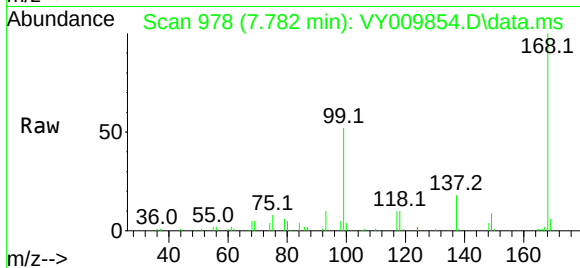
Quant Time: Aug 06 01:19:12 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y080322S.M  
Quant Title : SW846 8260  
QLast Update : Thu Aug 04 02:27:45 2022  
Response via : Initial Calibration



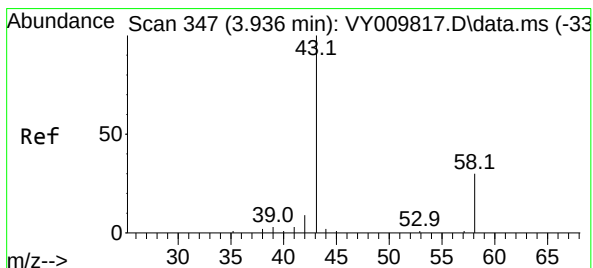
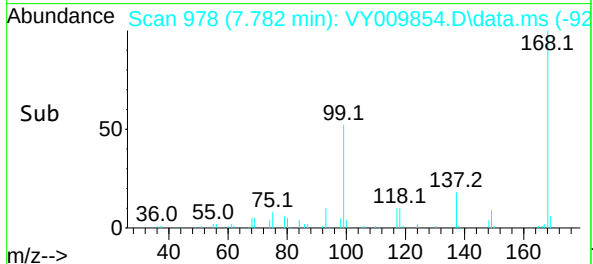
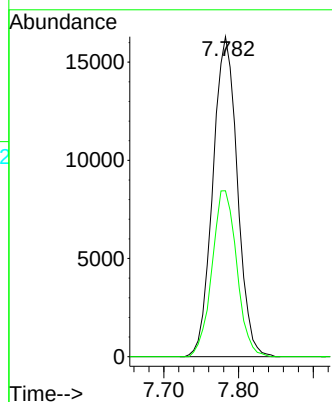


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.782 min Scan# 91  
Delta R.T. -0.001 min  
Lab File: VY009854.D  
Acq: 05 Aug 2022 16:36

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SU-03-080322

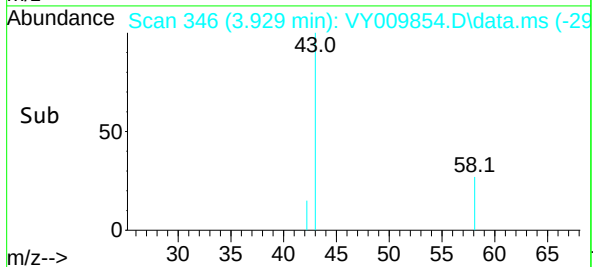
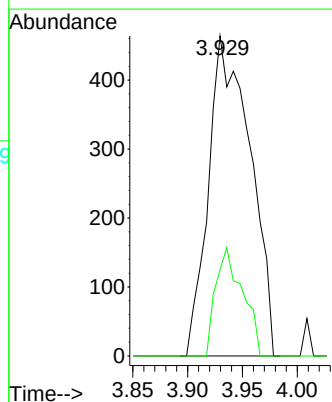
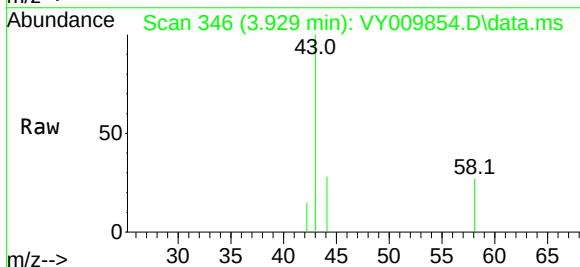


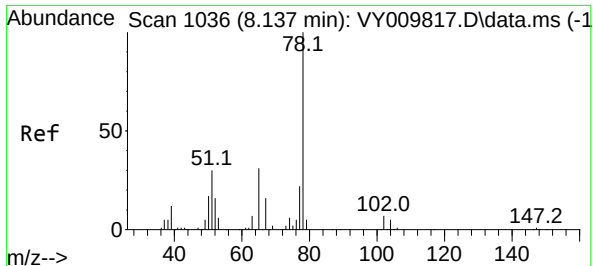
Tgt Ion:168 Resp: 37074  
Ion Ratio Lower Upper  
168 100  
99 51.8 44.7 67.1



#16  
Acetone  
Concen: 11.673 ug/l  
RT: 3.929 min Scan# 346  
Delta R.T. -0.007 min  
Lab File: VY009854.D  
Acq: 05 Aug 2022 16:36

Tgt Ion: 43 Resp: 1225  
Ion Ratio Lower Upper  
43 100  
58 26.9 24.1 36.1





#33

1,2-Dichloroethane-d4

Concen: 73.291 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY009854.D

Acq: 05 Aug 2022 16:36

Instrument :

MSVOA\_Y

ClientSampleId :

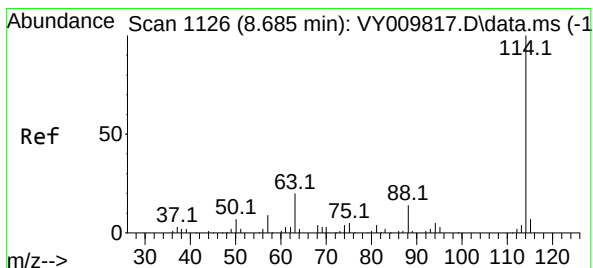
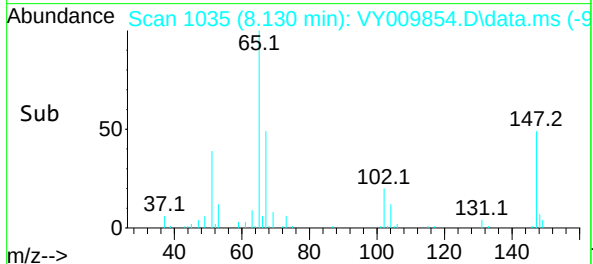
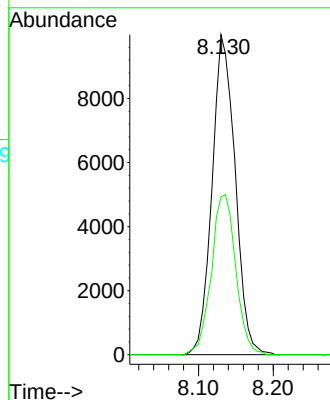
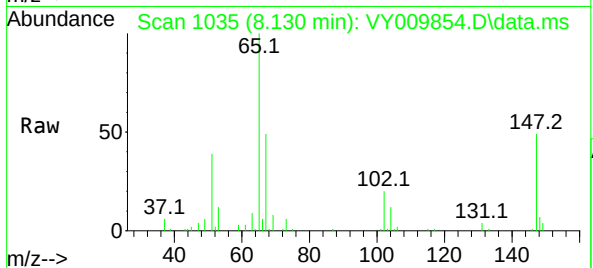
SU-03-080322

Tgt Ion: 65 Resp: 21475

Ion Ratio Lower Upper

65 100

67 52.8 0.0 112.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009854.D

Acq: 05 Aug 2022 16:36

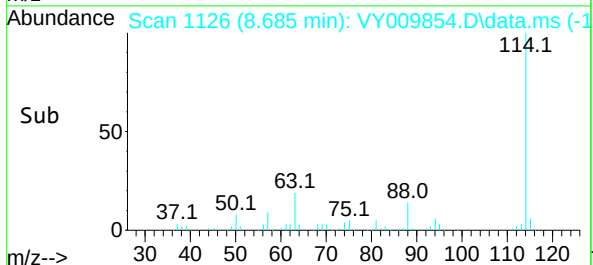
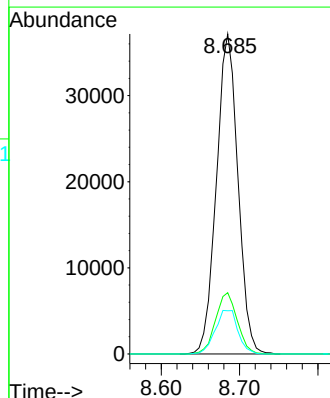
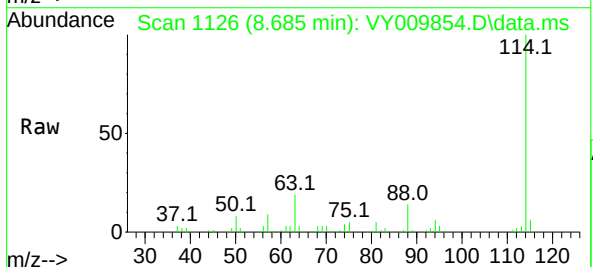
Tgt Ion: 114 Resp: 70930

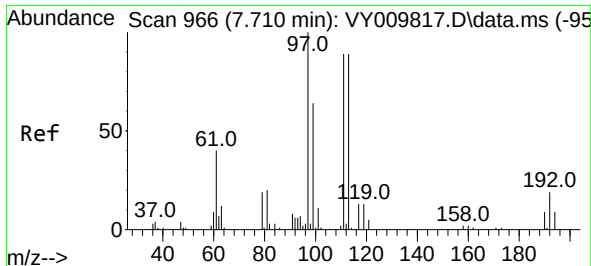
Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.2

88 13.5 0.0 27.6

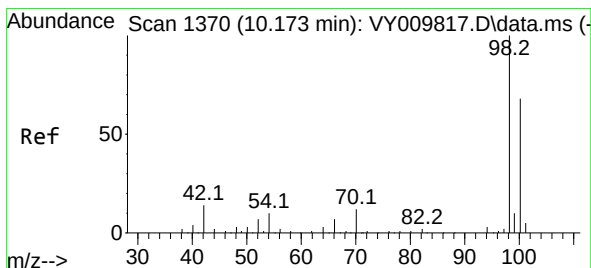
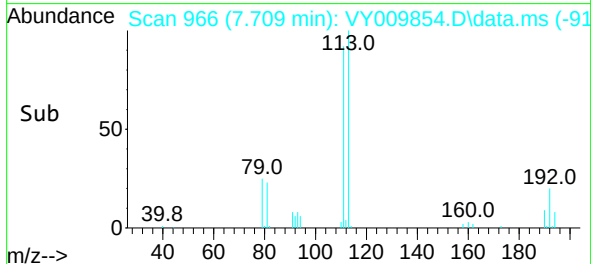
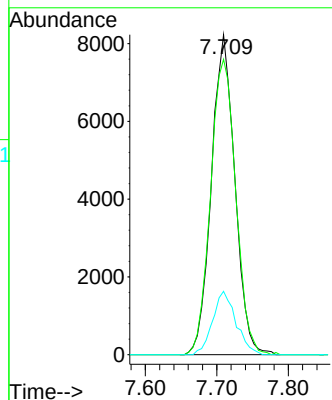
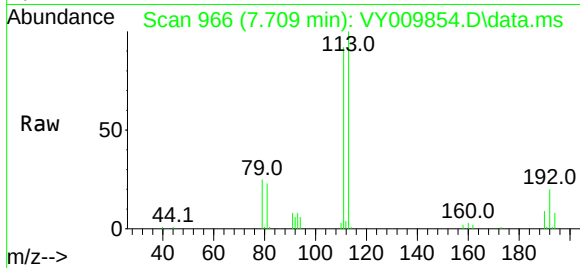




#35  
Dibromofluoromethane  
Concen: 43.305 ug/l  
RT: 7.709 min Scan# 91  
Delta R.T. -0.001 min  
Lab File: VY009854.D  
Acq: 05 Aug 2022 16:36

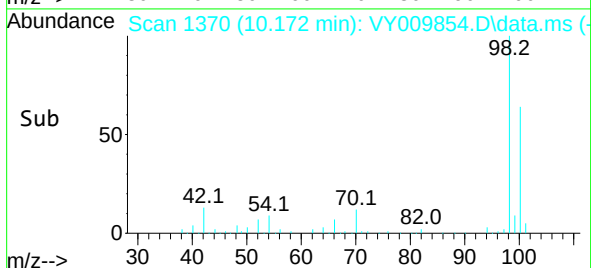
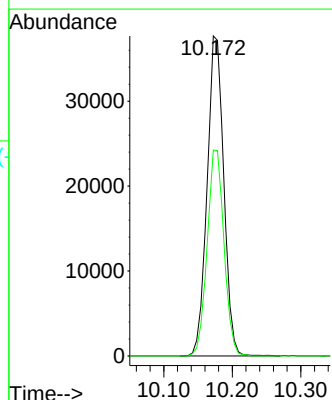
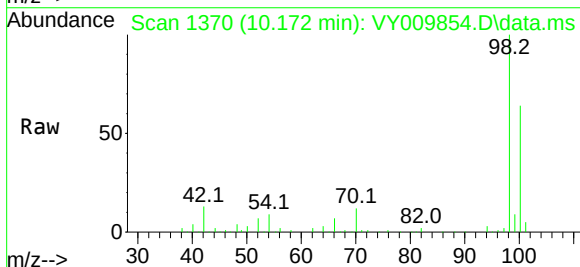
Instrument :  
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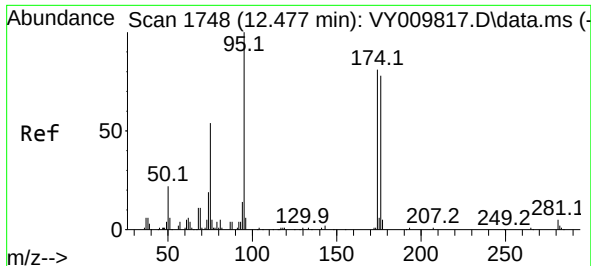
Tgt Ion:113 Resp: 18728  
Ion Ratio Lower Upper  
113 100  
111 99.3 82.4 123.6  
192 19.8 16.5 24.7



#50  
Toluene-d8  
Concen: 50.306 ug/l  
RT: 10.172 min Scan# 1370  
Delta R.T. -0.001 min  
Lab File: VY009854.D  
Acq: 05 Aug 2022 16:36

Tgt Ion: 98 Resp: 63817  
Ion Ratio Lower Upper  
98 100  
100 65.0 53.4 80.2





#62

4-Bromofluorobenzene

Concen: 34.970 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY009854.D

Acq: 05 Aug 2022 16:36

Instrument :

MSVOA\_Y

ClientSampleId :

SU-03-080322

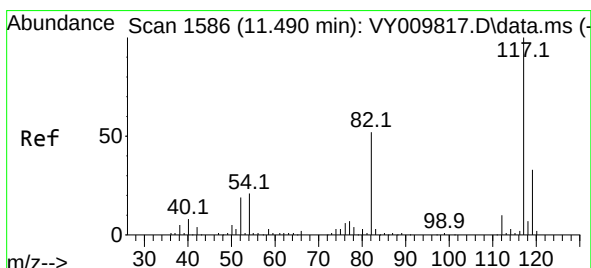
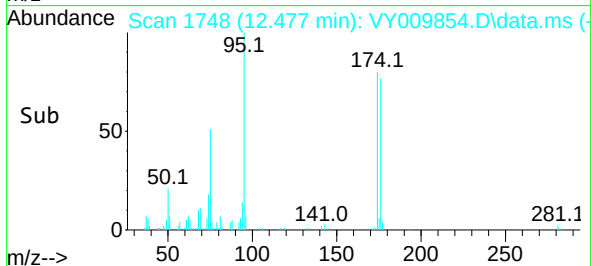
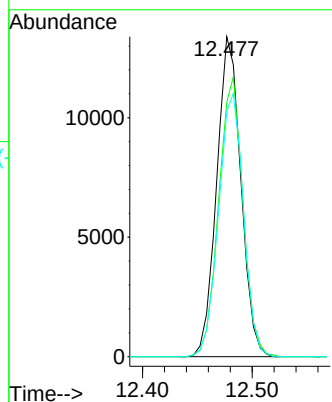
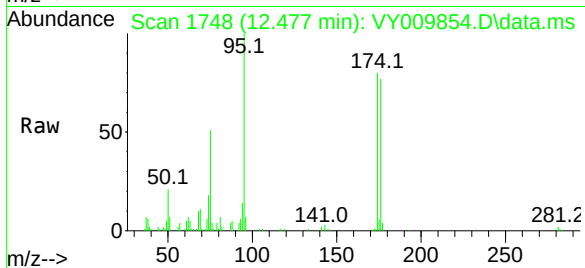
Tgt Ion: 95 Resp: 20479

Ion Ratio Lower Upper

95 100

174 88.1 0.0 168.6

176 84.6 0.0 163.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.001 min

Lab File: VY009854.D

Acq: 05 Aug 2022 16:36

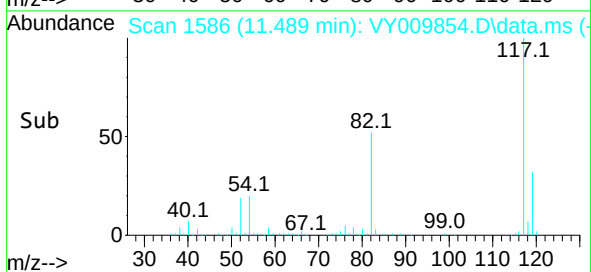
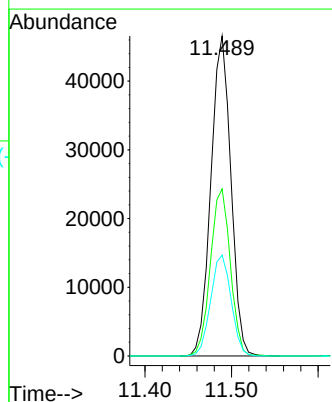
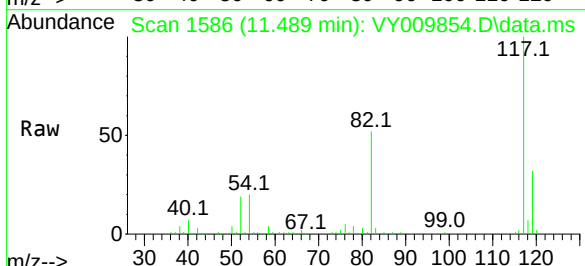
Tgt Ion: 117 Resp: 74477

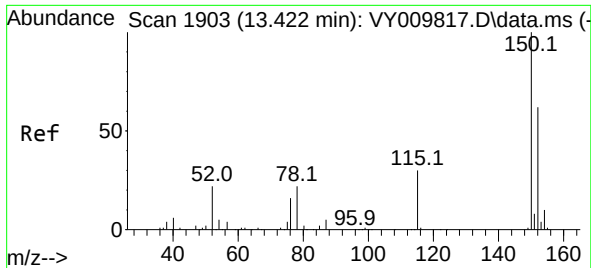
Ion Ratio Lower Upper

117 100

82 52.2 41.7 62.5

119 31.5 26.6 40.0

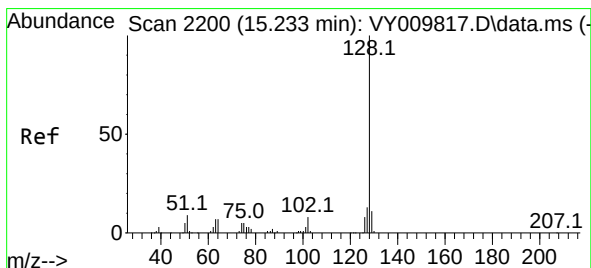
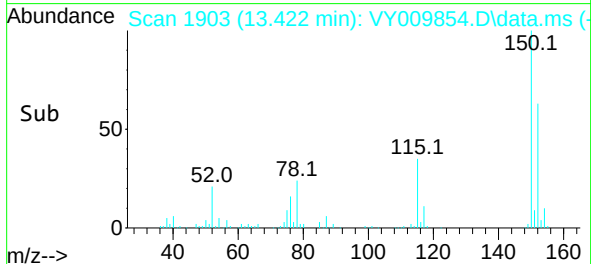
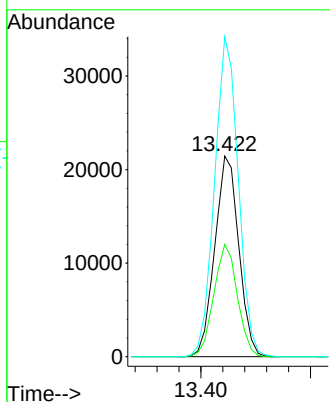
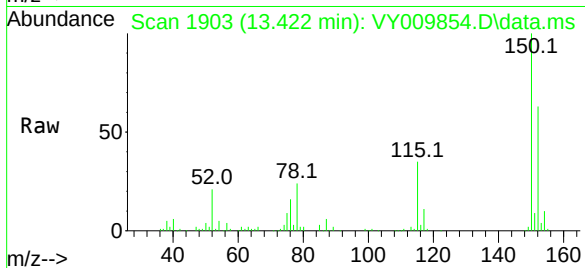




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.422 min Scan# 1903  
 Delta R.T. -0.001 min  
 Lab File: VY009854.D  
 Acq: 05 Aug 2022 16:36

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SU-03-080322

Tgt Ion:152 Resp: 32583  
 Ion Ratio Lower Upper  
 152 100  
 115 54.7 28.9 86.7  
 150 157.4 0.0 354.2



#95  
 Naphthalene  
 Concen: 9.123 ug/l  
 RT: 15.232 min Scan# 2200  
 Delta R.T. -0.001 min  
 Lab File: VY009854.D  
 Acq: 05 Aug 2022 16:36

Tgt Ion:128 Resp: 5373  
 Ion Ratio Lower Upper  
 128 100  
 127 12.7 10.5 15.7  
 129 10.7 8.7 13.1

