

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY062722\  
 Data File : VY009345.D  
 Acq On : 27 Jun 2022 16:08  
 Operator : KP/MD  
 Sample : N3426-03  
 Misc : 5.96g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 B2207-27.5

Quant Time: Jun 28 04:30:39 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062422S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 25 07:08:46 2022  
 Response via : Initial Calibration

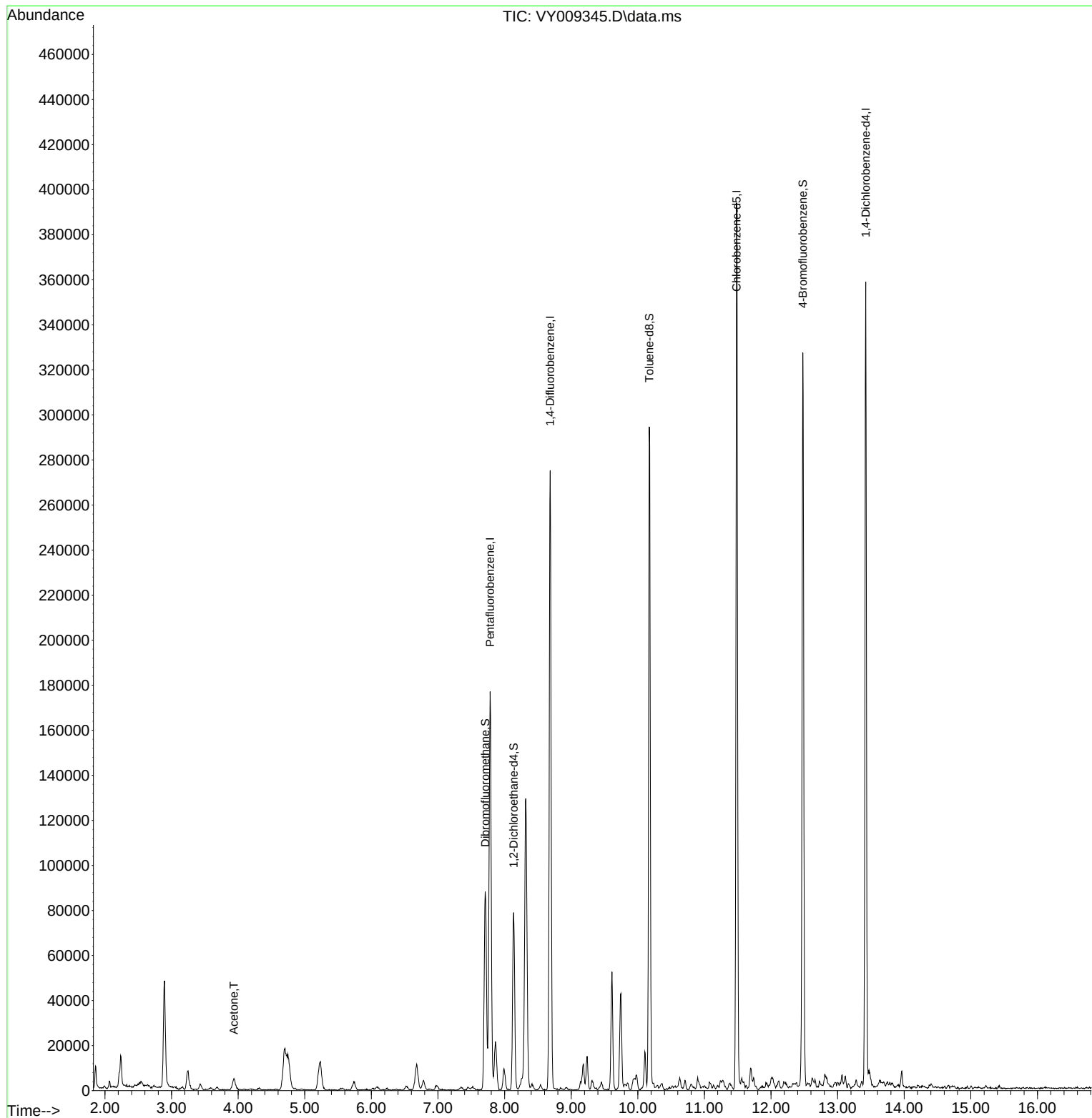
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)    |
|-----------------------------|--------|-------|----------|----------|-------|-------------|
| -----                       |        |       |          |          |       |             |
| Internal Standards          |        |       |          |          |       |             |
| 1) Pentafluorobenzene       | 7.783  | 168   | 137408   | 50.000   | ug/l  | 0.00        |
| 34) 1,4-Difluorobenzene     | 8.685  | 114   | 231345   | 50.000   | ug/l  | 0.00        |
| 63) Chlorobenzene-d5        | 11.483 | 117   | 210253   | 50.000   | ug/l  | 0.00        |
| 72) 1,4-Dichlorobenzene-d4  | 13.422 | 152   | 88650    | 50.000   | ug/l  | 0.00        |
| System Monitoring Compounds |        |       |          |          |       |             |
| 33) 1,2-Dichloroethane-d4   | 8.136  | 65    | 59184    | 57.916   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 115.840%    |
| 35) Dibromofluoromethane    | 7.710  | 113   | 62217    | 49.825   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 99.660%     |
| 50) Toluene-d8              | 10.173 | 98    | 187980   | 51.763   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =     | 103.520%    |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 84677    | 47.614   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =     | 95.220%     |
| Target Compounds            |        |       |          |          |       |             |
| 16) Acetone                 | 3.936  | 43    | 6898     | 19.636   | ug/l  | Qvalue # 85 |
| -----                       |        |       |          |          |       |             |

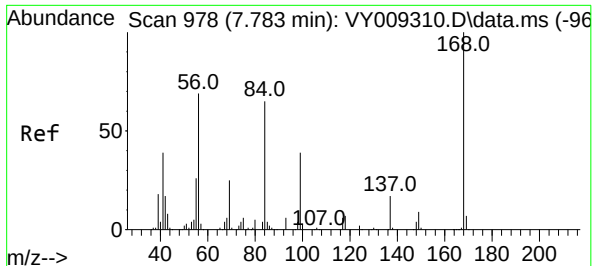
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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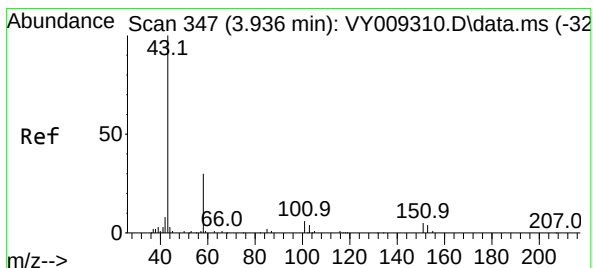
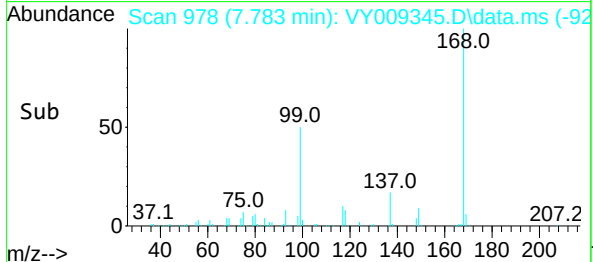
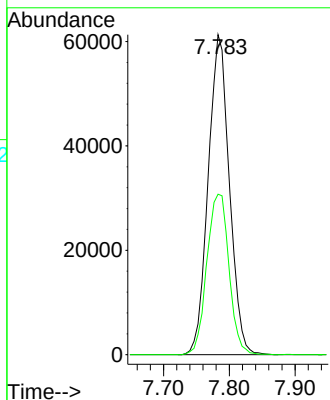
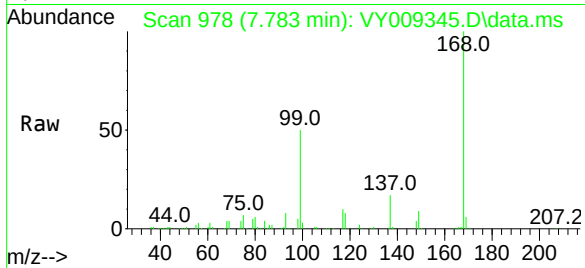




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY009345.D  
Acq: 27 Jun 2022 16:08

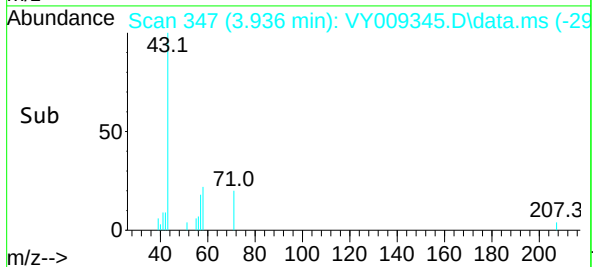
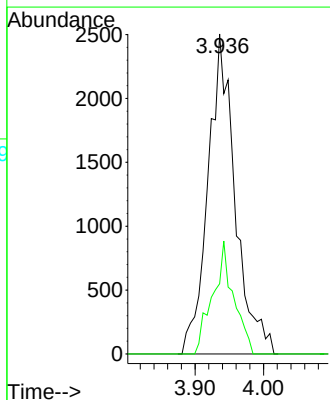
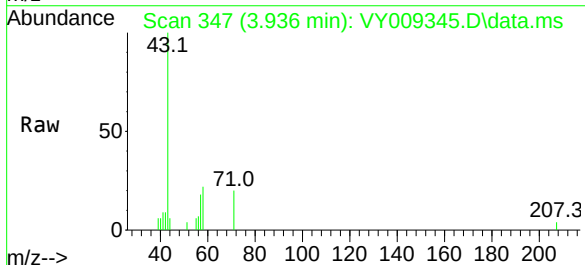
Instrument :  
MSVOA\_Y  
ClientSampleId :  
B2207-27.5

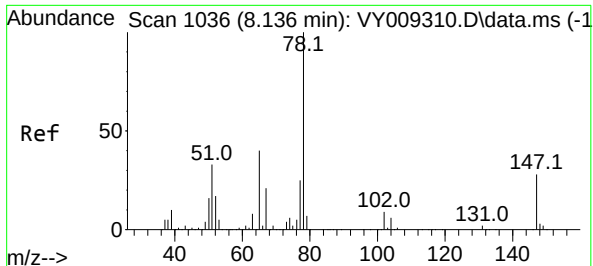
Tgt Ion:168 Resp: 137408  
Ion Ratio Lower Upper  
168 100  
99 50.2 42.1 63.1



#16  
Acetone  
Concen: 19.636 ug/l  
RT: 3.936 min Scan# 347  
Delta R.T. 0.000 min  
Lab File: VY009345.D  
Acq: 27 Jun 2022 16:08

Tgt Ion: 43 Resp: 6898  
Ion Ratio Lower Upper  
43 100  
58 22.0 24.0 36.0#





#33

1,2-Dichloroethane-d4

Concen: 57.916 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009345.D

Acq: 27 Jun 2022 16:08

Instrument :

MSVOA\_Y

ClientSampleId :

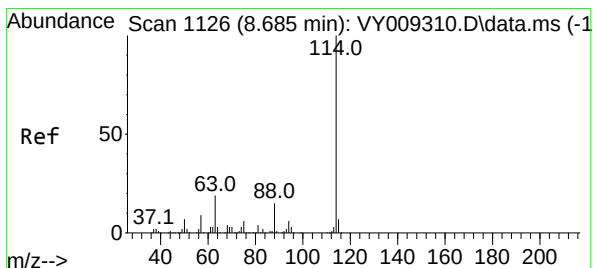
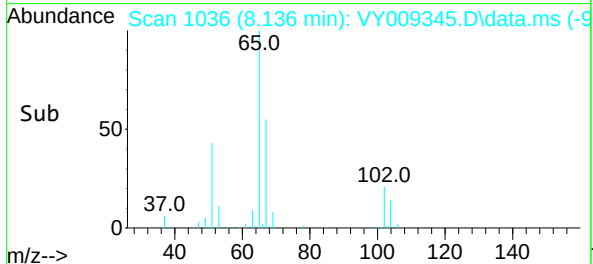
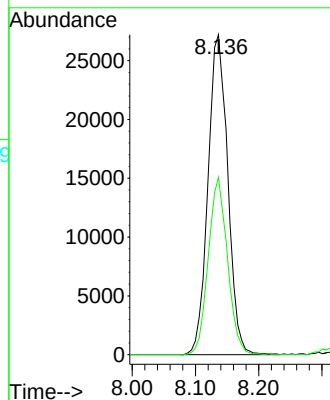
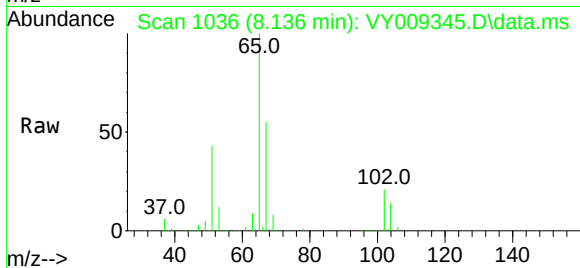
B2207-27.5

Tgt Ion: 65 Resp: 59184

Ion Ratio Lower Upper

65 100

67 53.8 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009345.D

Acq: 27 Jun 2022 16:08

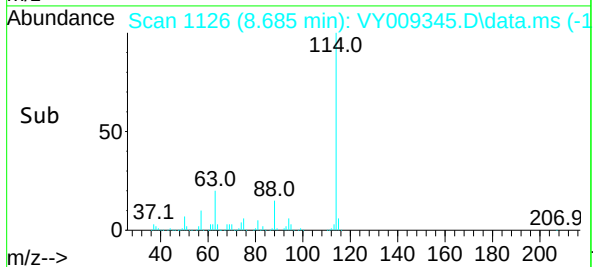
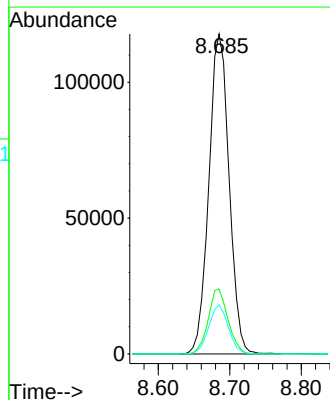
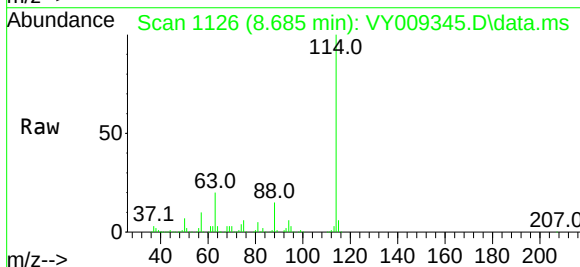
Tgt Ion: 114 Resp: 231345

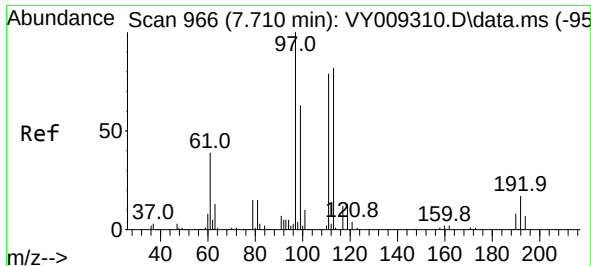
Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.0

88 15.3 0.0 30.0

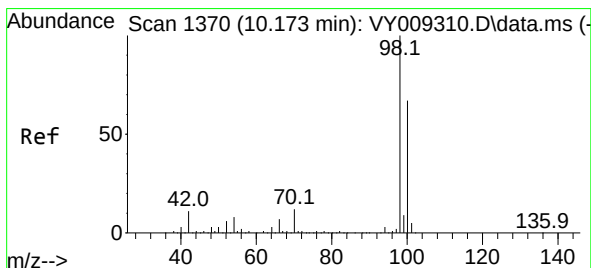
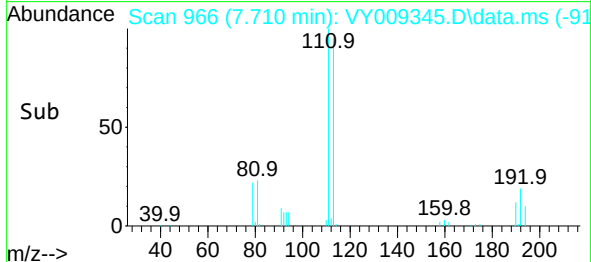
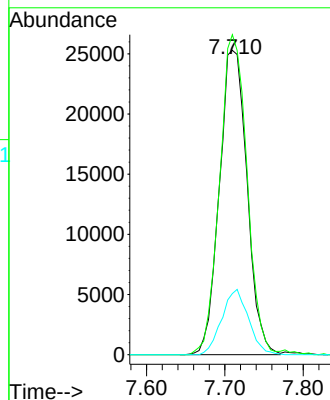
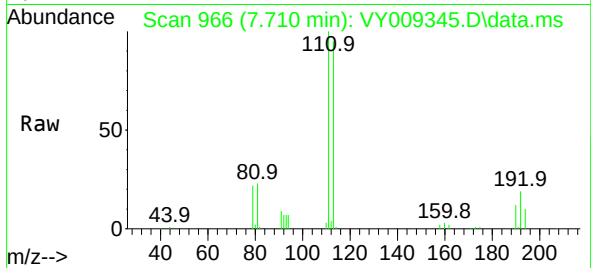




#35  
Dibromofluoromethane  
Concen: 49.825 ug/l  
RT: 7.710 min Scan# 966  
Delta R.T. 0.000 min  
Lab File: VY009345.D  
Acq: 27 Jun 2022 16:08

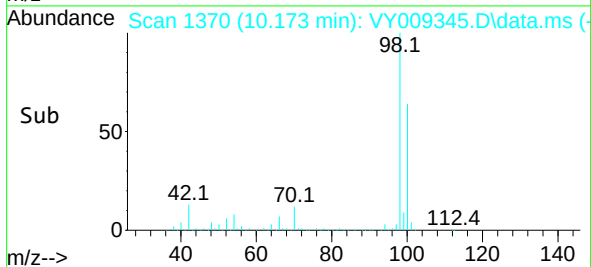
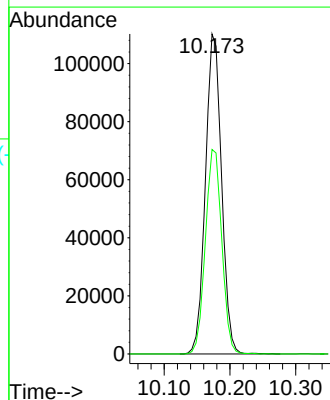
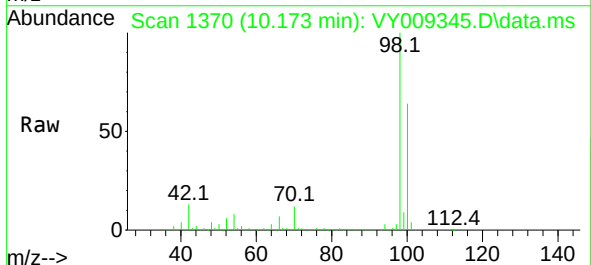
Instrument :  
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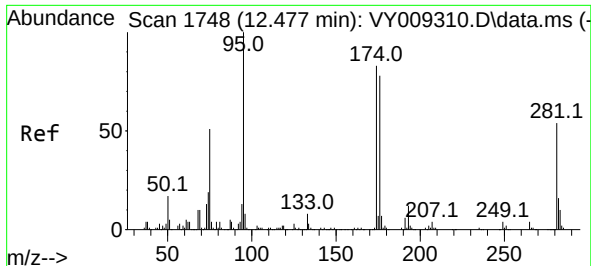
Tgt Ion:113 Resp: 62217  
Ion Ratio Lower Upper  
113 100  
111 103.8 80.6 120.8  
192 20.7 16.2 24.4



#50  
Toluene-d8  
Concen: 51.763 ug/l  
RT: 10.173 min Scan# 1370  
Delta R.T. -0.000 min  
Lab File: VY009345.D  
Acq: 27 Jun 2022 16:08

Tgt Ion: 98 Resp: 187980  
Ion Ratio Lower Upper  
98 100  
100 65.1 52.9 79.3

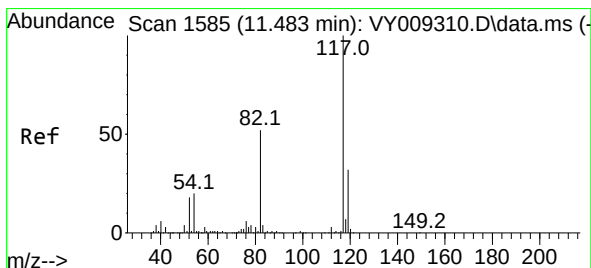
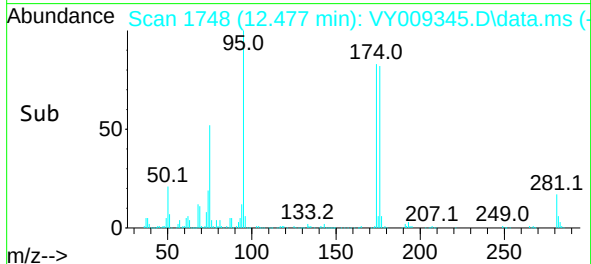
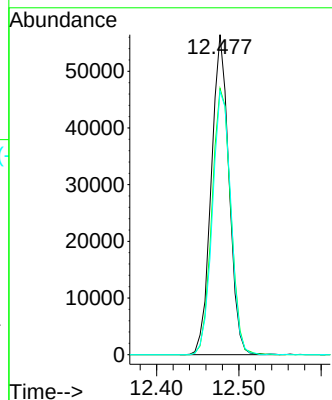
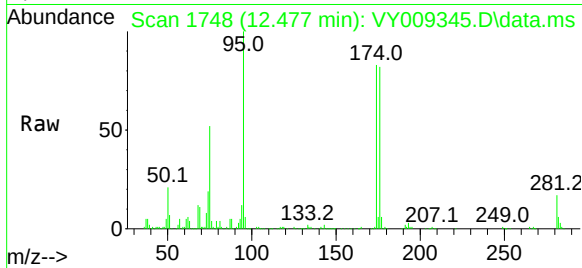




#62  
4-Bromofluorobenzene  
Concen: 47.614 ug/l  
RT: 12.477 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY009345.D  
Acq: 27 Jun 2022 16:08

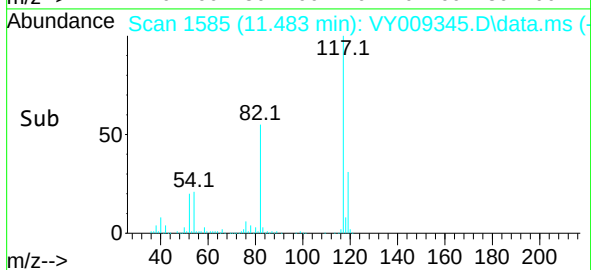
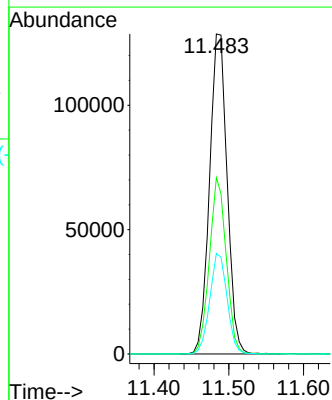
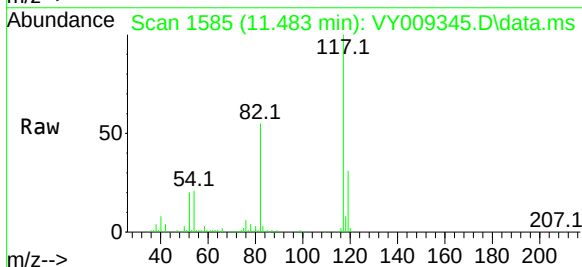
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MSVOA\_Y  
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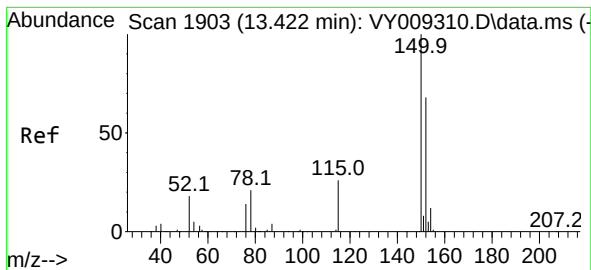
Tgt Ion: 95 Resp: 84677  
Ion Ratio Lower Upper  
95 100  
174 87.7 0.0 173.8  
176 85.3 0.0 167.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.483 min Scan# 1585  
Delta R.T. 0.000 min  
Lab File: VY009345.D  
Acq: 27 Jun 2022 16:08

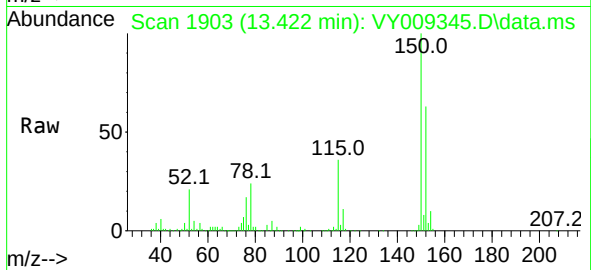
Tgt Ion: 117 Resp: 210253  
Ion Ratio Lower Upper  
117 100  
82 55.1 41.8 62.6  
119 31.5 25.6 38.4





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.422 min Scan# 1903  
 Delta R.T. 0.000 min  
 Lab File: VY009345.D  
 Acq: 27 Jun 2022 16:08

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 B2207-27.5



Tgt Ion:152 Resp: 88650  
 Ion Ratio Lower Upper  
 152 100  
 115 56.8 28.6 85.9  
 150 161.2 0.0 349.8

