

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY081222\  
 Data File : VY009996.D  
 Acq On : 12 Aug 2022 19:12  
 Operator : KP/MD  
 Sample : N4143-05  
 Misc : 5.05g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 CHRT-26414

Quant Time: Aug 13 02:57:58 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y081222S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Aug 13 02:54:57 2022  
 Response via : Initial Calibration

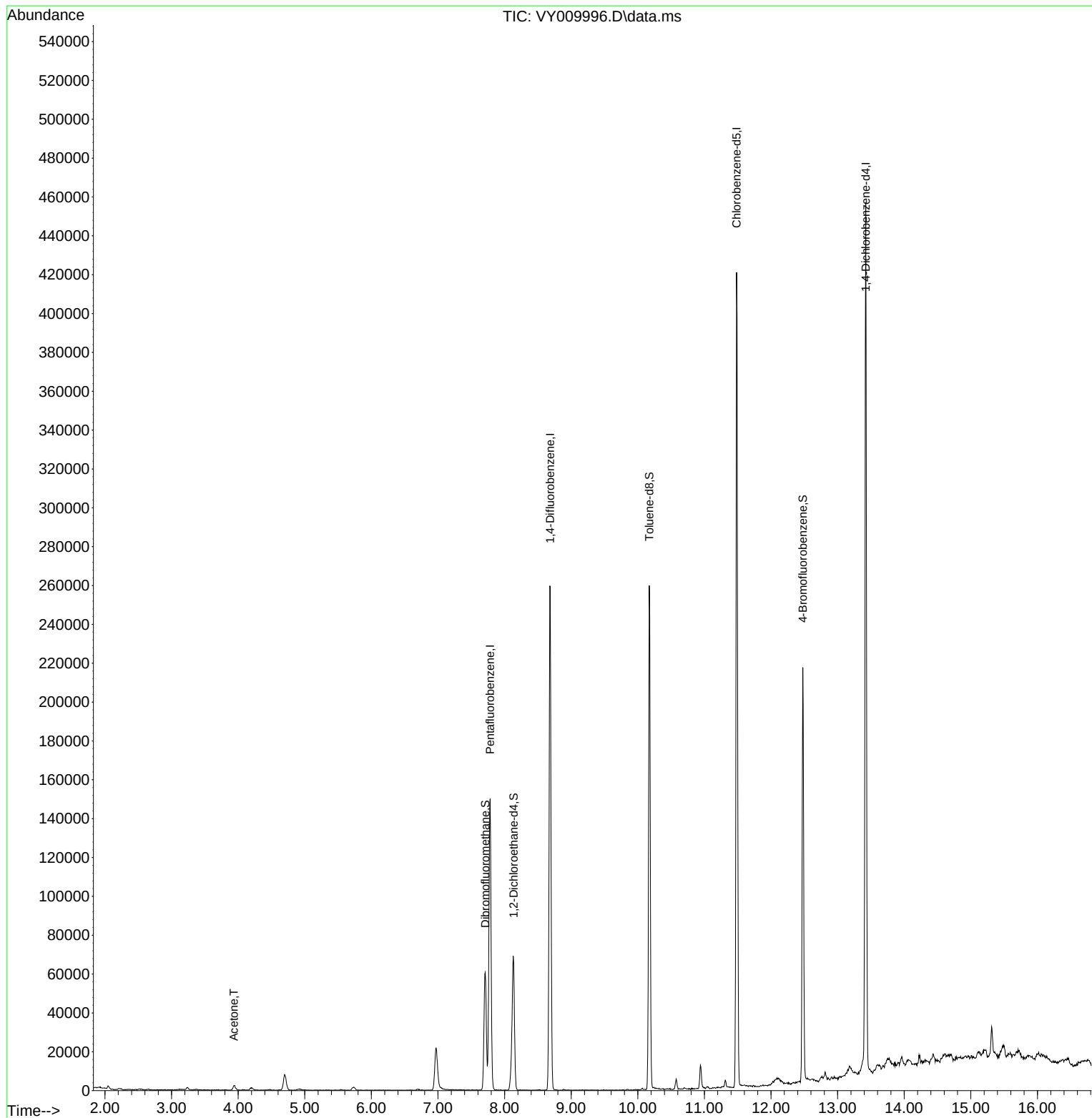
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)    |
|-----------------------------|--------|-------|----------|----------|-------|-------------|
| -----                       |        |       |          |          |       |             |
| Internal Standards          |        |       |          |          |       |             |
| 1) Pentafluorobenzene       | 7.783  | 168   | 114858   | 50.000   | ug/l  | 0.00        |
| 34) 1,4-Difluorobenzene     | 8.685  | 114   | 231172   | 50.000   | ug/l  | 0.00        |
| 63) Chlorobenzene-d5        | 11.483 | 117   | 235176   | 50.000   | ug/l  | 0.00        |
| 72) 1,4-Dichlorobenzene-d4  | 13.422 | 152   | 113987   | 50.000   | ug/l  | 0.00        |
| System Monitoring Compounds |        |       |          |          |       |             |
| 33) 1,2-Dichloroethane-d4   | 8.136  | 65    | 47011    | 40.348   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 80.700%     |
| 35) Dibromofluoromethane    | 7.710  | 113   | 47299    | 33.430   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 66.860%     |
| 50) Toluene-d8              | 10.173 | 98    | 173582   | 32.019   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =     | 64.040%     |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 69445    | 34.962   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =     | 69.920%     |
| Target Compounds            |        |       |          |          |       |             |
| 16) Acetone                 | 3.936  | 43    | 4206     | 15.031   | ug/l  | Qvalue # 87 |
| -----                       |        |       |          |          |       |             |

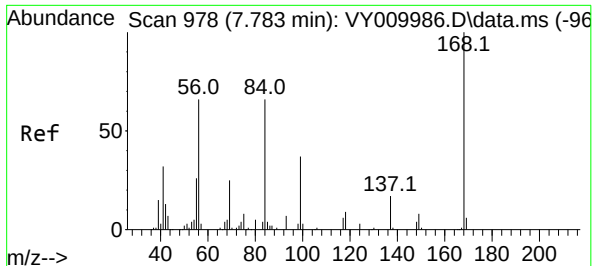
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :  
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Quant Title : SW846 8260  
QLast Update : Sat Aug 13 02:54:57 2022  
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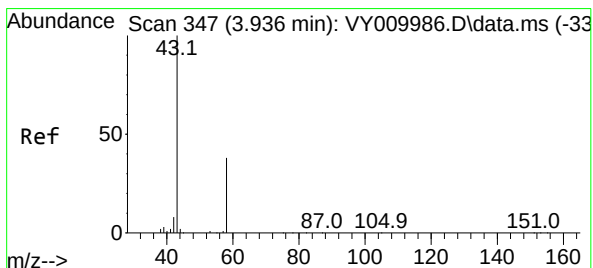
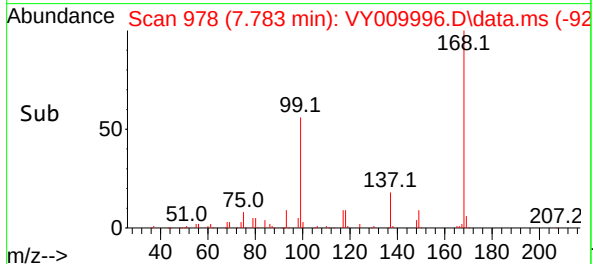
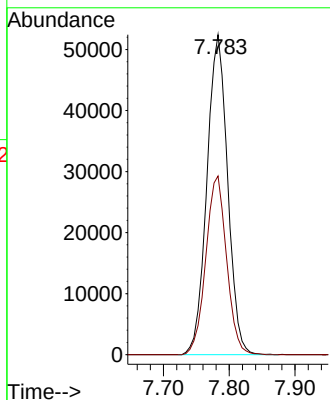
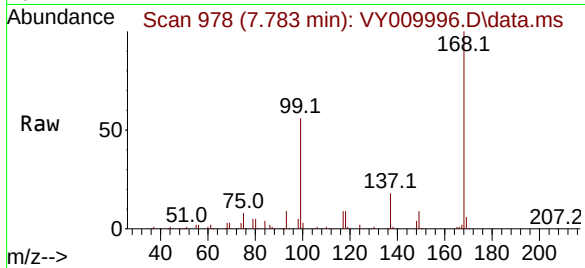




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY009996.D  
Acq: 12 Aug 2022 19:12

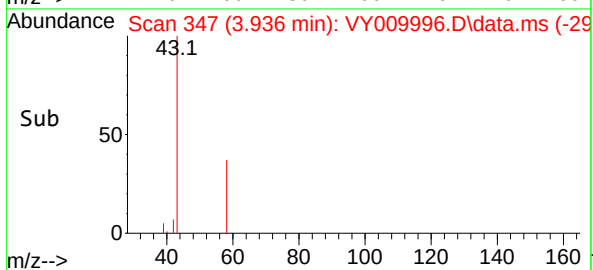
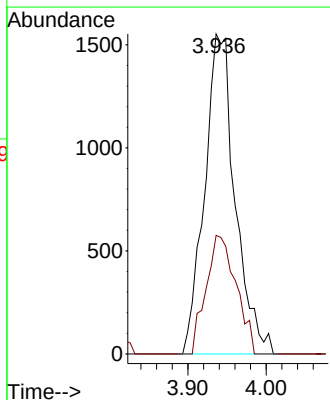
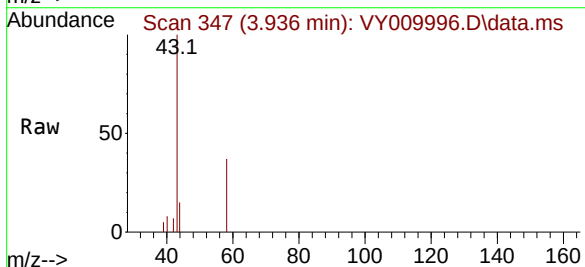
Instrument :  
MSVOA\_Y  
ClientSampleId :  
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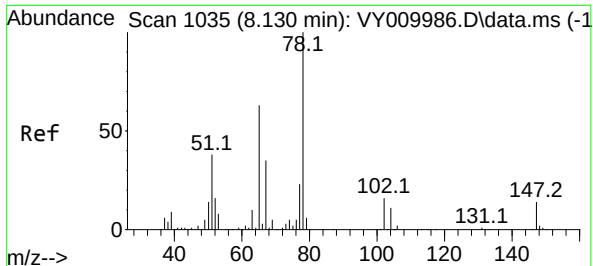
Tgt Ion:168 Resp: 114858  
Ion Ratio Lower Upper  
168 100  
99 55.9 42.1 63.1



#16  
Acetone  
Concen: 15.031 ug/l  
RT: 3.936 min Scan# 347  
Delta R.T. 0.000 min  
Lab File: VY009996.D  
Acq: 12 Aug 2022 19:12

Tgt Ion: 43 Resp: 4206  
Ion Ratio Lower Upper  
43 100  
58 37.0 24.0 36.0#





#33

1,2-Dichloroethane-d4

Concen: 40.348 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY009996.D

Acq: 12 Aug 2022 19:12

Instrument :

MSVOA\_Y

ClientSampleId :

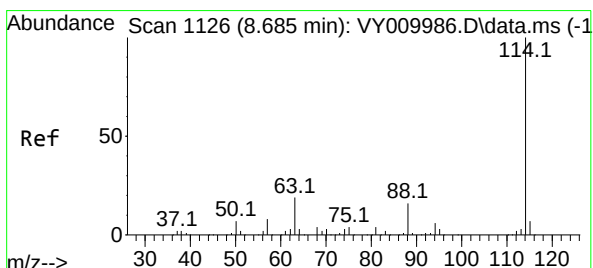
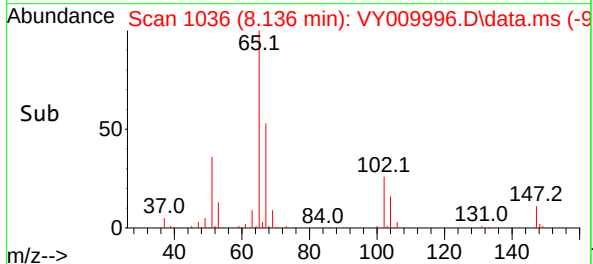
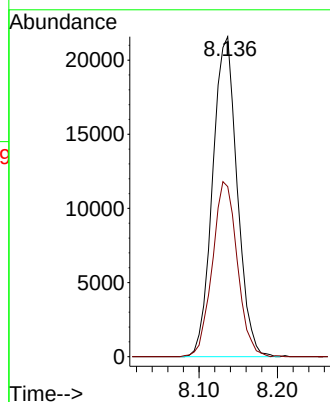
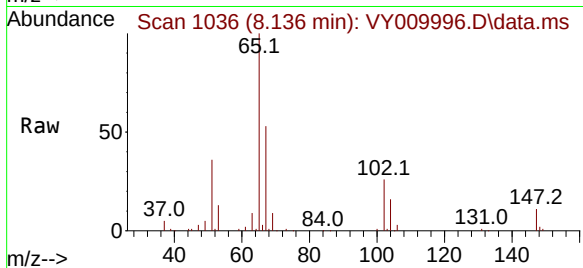
CHRT-26414

Tgt Ion: 65 Resp: 47011

Ion Ratio Lower Upper

65 100

67 55.6 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: VY009996.D

Acq: 12 Aug 2022 19:12

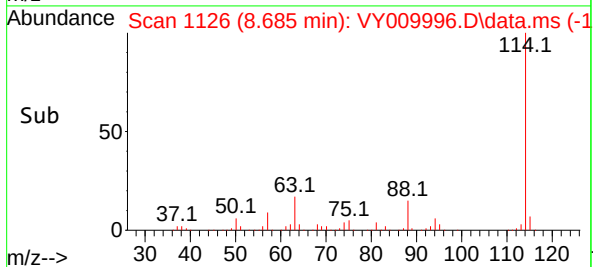
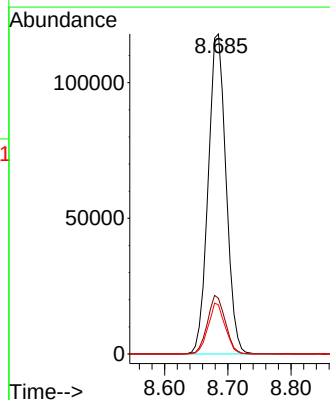
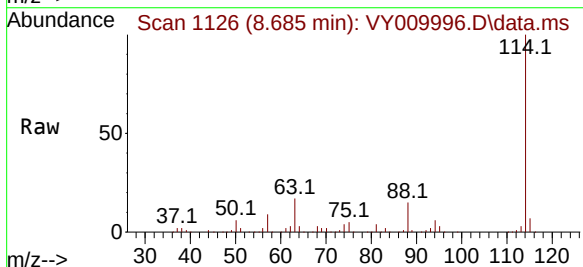
Tgt Ion:114 Resp: 231172

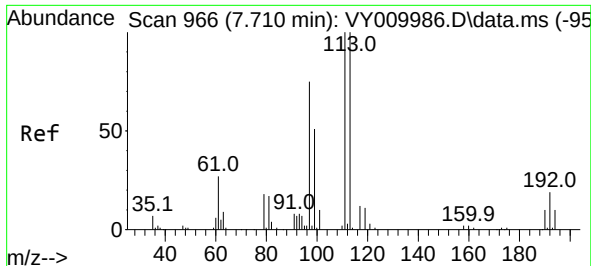
Ion Ratio Lower Upper

114 100

63 17.4 0.0 38.0

88 15.3 0.0 30.0

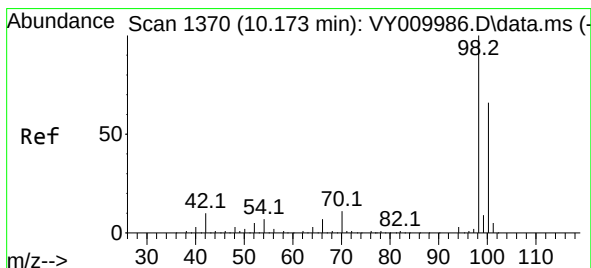
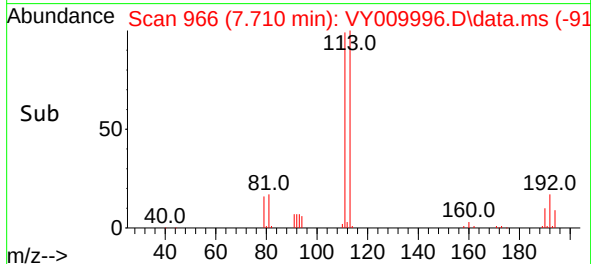
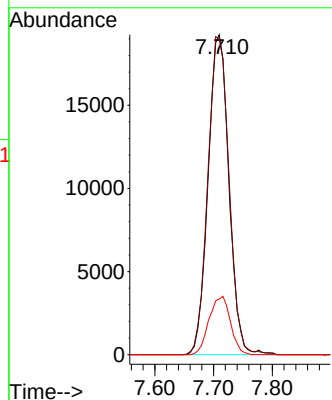
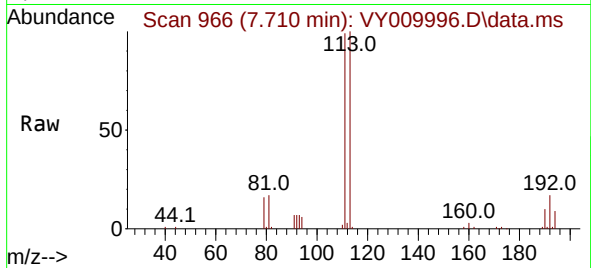




#35  
Dibromofluoromethane  
Concen: 33.430 ug/l  
RT: 7.710 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY009996.D  
Acq: 12 Aug 2022 19:12

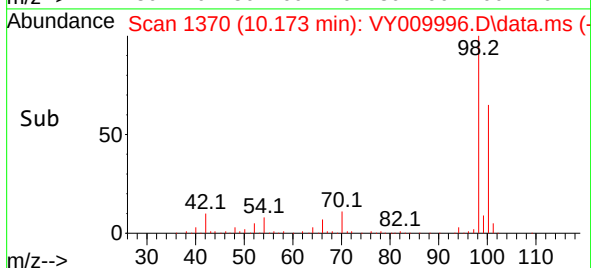
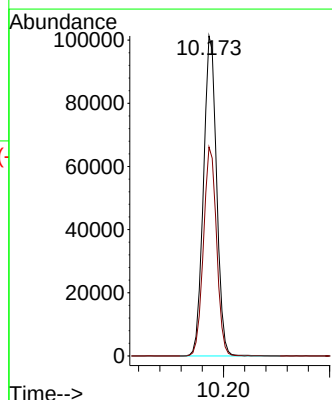
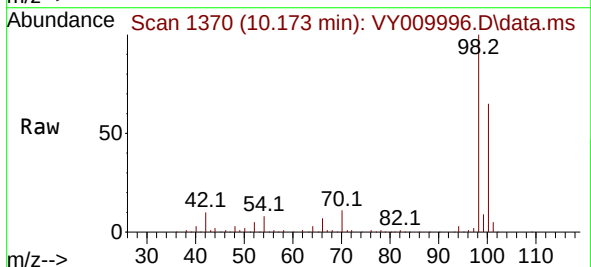
Instrument :  
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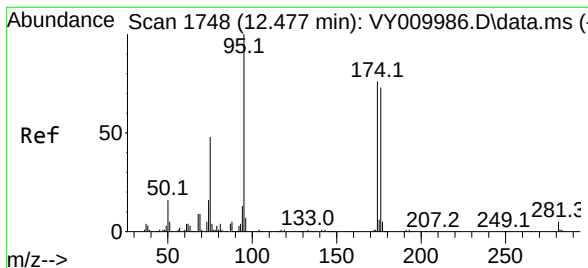
Tgt Ion:113 Resp: 47299  
Ion Ratio Lower Upper  
113 100  
111 101.4 80.6 120.8  
192 18.7 16.2 24.4



#50  
Toluene-d8  
Concen: 32.019 ug/l  
RT: 10.173 min Scan# 1370  
Delta R.T. 0.000 min  
Lab File: VY009996.D  
Acq: 12 Aug 2022 19:12

Tgt Ion: 98 Resp: 173582  
Ion Ratio Lower Upper  
98 100  
100 65.1 52.9 79.3

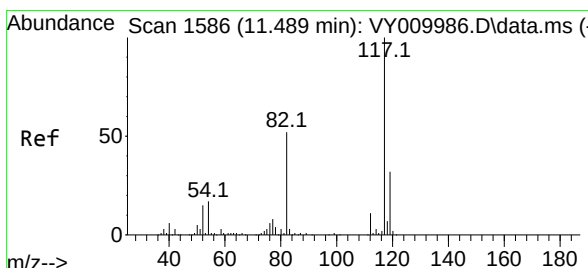
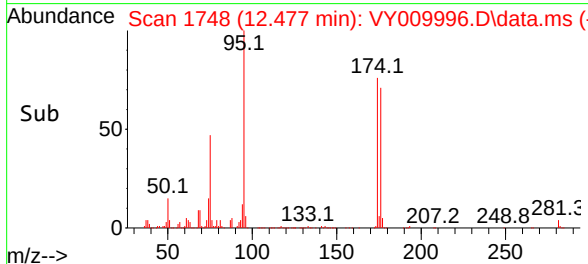
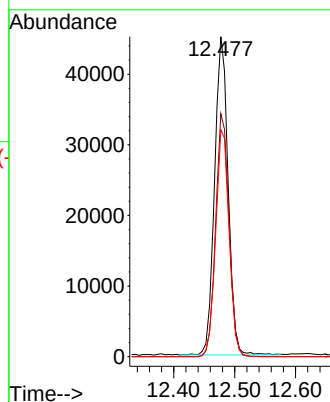
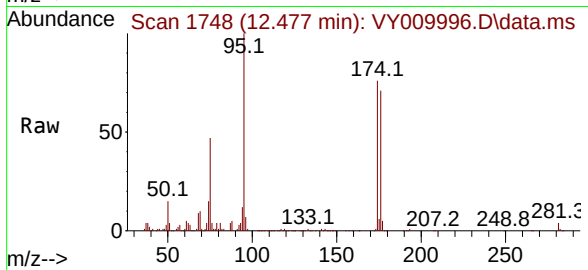




#62  
4-Bromofluorobenzene  
Concen: 34.962 ug/l  
RT: 12.477 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY009996.D  
Acq: 12 Aug 2022 19:12

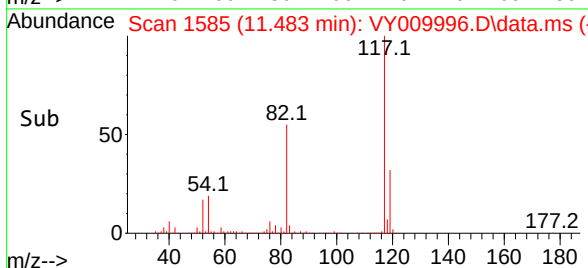
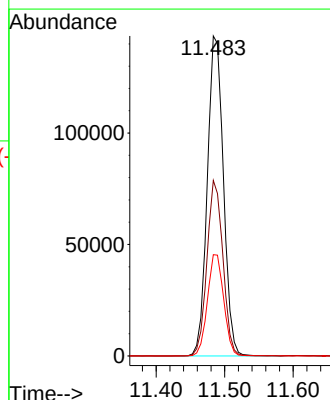
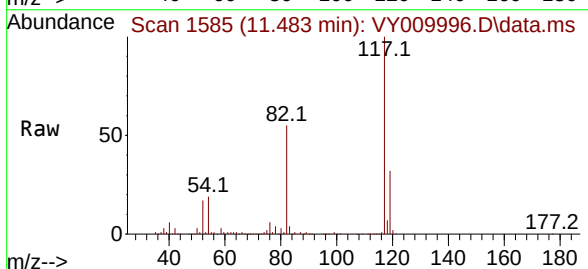
Instrument :  
MSVOA\_Y  
ClientSampleId :  
CHRT-26414

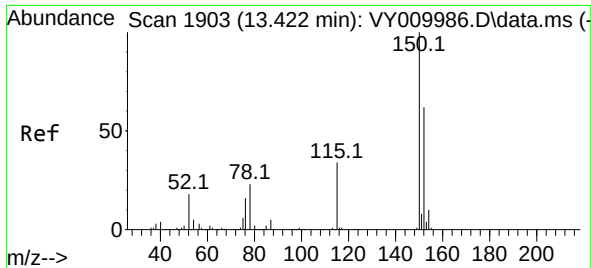
Tgt Ion: 95 Resp: 69445  
Ion Ratio Lower Upper  
95 100  
174 75.7 0.0 173.8  
176 70.9 0.0 167.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.483 min Scan# 1585  
Delta R.T. -0.006 min  
Lab File: VY009996.D  
Acq: 12 Aug 2022 19:12

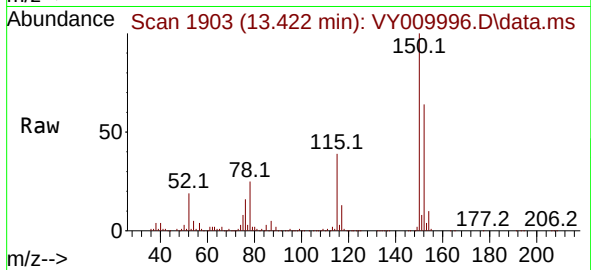
Tgt Ion: 117 Resp: 235176  
Ion Ratio Lower Upper  
117 100  
82 54.9 41.8 62.6  
119 31.6 25.6 38.4





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.422 min Scan# 1903  
 Delta R.T. 0.000 min  
 Lab File: VY009996.D  
 Acq: 12 Aug 2022 19:12

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 CHRT-26414



Tgt Ion:152 Resp: 113987  
 Ion Ratio Lower Upper  
 152 100  
 115 60.0 28.6 85.9  
 150 157.2 0.0 349.8

