

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY083122\  
 Data File : VY010246.D  
 Acq On : 31 Aug 2022 15:30  
 Operator : KP/MD  
 Sample : N4353-04  
 Misc : 5.02g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 3-4-COMP-2

Quant Time: Aug 31 23:41:25 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y083022S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 31 02:23:17 2022  
 Response via : Initial Calibration

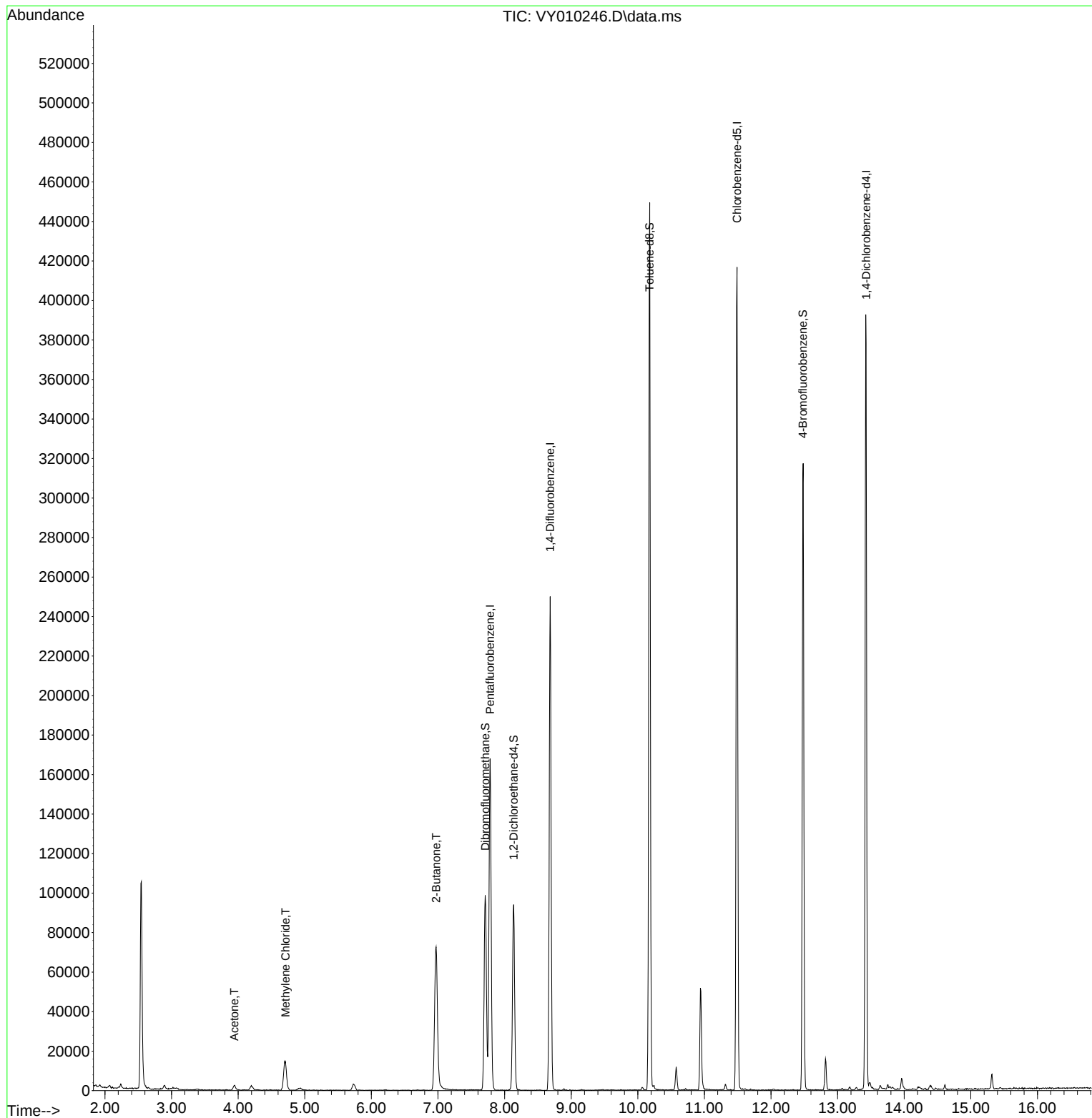
| Compound                    | R.T. QIon |                | Response | Conc       | Units  | Dev(Min) |
|-----------------------------|-----------|----------------|----------|------------|--------|----------|
| -----                       |           |                |          |            |        |          |
| Internal Standards          |           |                |          |            |        |          |
| 1) Pentafluorobenzene       | 7.783     | 168            | 141574   | 50.000     | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.685     | 114            | 222589   | 50.000     | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.490    | 117            | 240936   | 50.000     | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.428    | 152            | 110987   | 50.000     | ug/l   | 0.00     |
| System Monitoring Compounds |           |                |          |            |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.136     | 65             | 75939    | 63.545     | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range 50 - 163 | Recovery | = 127.080% |        |          |
| 35) Dibromofluoromethane    | 7.710     | 113            | 70267    | 54.864     | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range 54 - 147 | Recovery | = 109.720% |        |          |
| 50) Toluene-d8              | 10.179    | 98             | 293738   | 61.100     | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range 49 - 140 | Recovery | = 122.200% |        |          |
| 62) 4-Bromofluorobenzene    | 12.477    | 95             | 91215    | 51.435     | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range 25 - 144 | Recovery | = 102.860% |        |          |
| Target Compounds            |           |                |          |            |        |          |
|                             |           |                |          |            | Qvalue |          |
| 16) Acetone                 | 3.942     | 43             | 4490     | 17.915     | ug/l   | 91       |
| 20) Methylene Chloride      | 4.710     | 84             | 12348    | 8.367      | ug/l # | 73       |
| 25) 2-Butanone              | 6.972     | 43             | 3663     | 8.486      | ug/l # | 79       |
| -----                       |           |                |          |            |        |          |

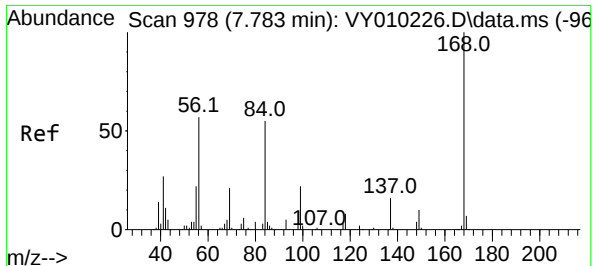
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY083122\  
Data File : VY010246.D  
Acq On : 31 Aug 2022 15:30  
Operator : KP/MD  
Sample : N4353-04  
Misc : 5.02g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
3-4-COMP-2

Quant Time: Aug 31 23:41:25 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y083022S.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 31 02:23:17 2022  
Response via : Initial Calibration

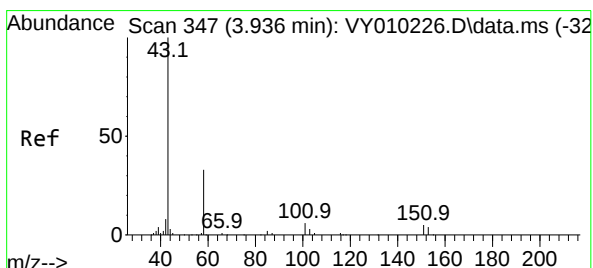
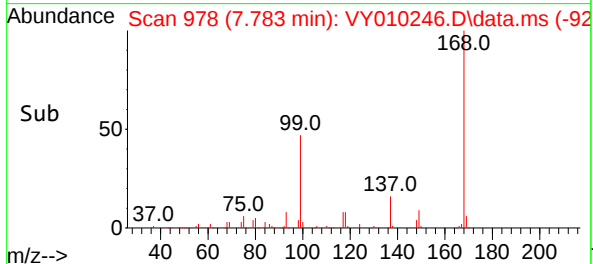
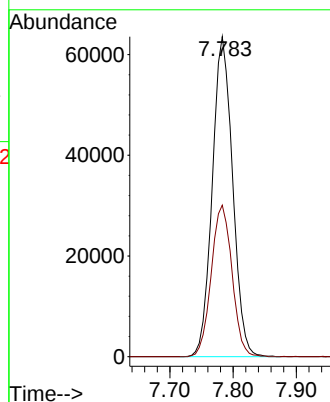
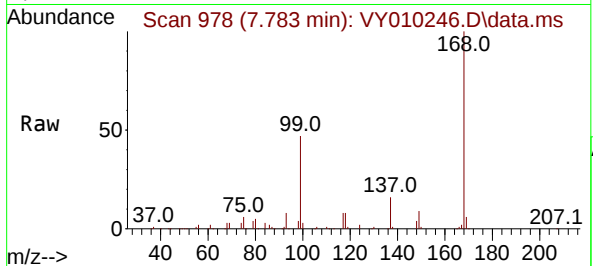




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY010246.D  
Acq: 31 Aug 2022 15:30

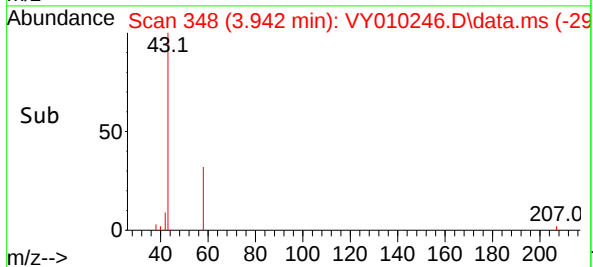
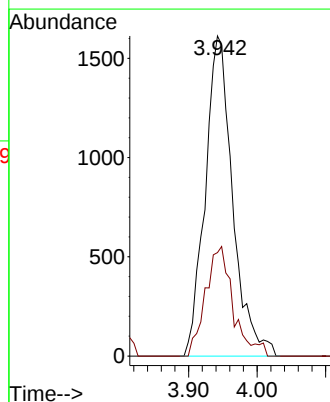
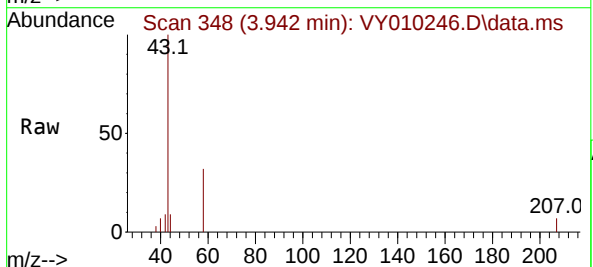
Instrument :  
MSVOA\_Y  
ClientSampleId :  
3-4-COMP-2

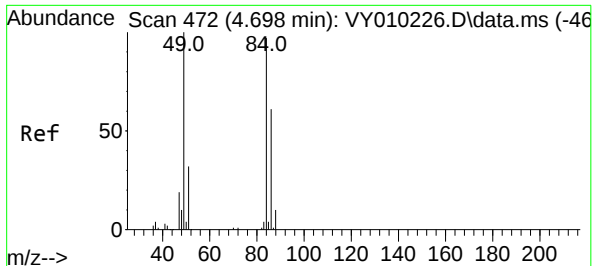
Tgt Ion:168 Resp: 141574  
Ion Ratio Lower Upper  
168 100  
99 47.3 46.9 70.3



#16  
Acetone  
Concen: 17.915 ug/l  
RT: 3.942 min Scan# 348  
Delta R.T. 0.006 min  
Lab File: VY010246.D  
Acq: 31 Aug 2022 15:30

Tgt Ion: 43 Resp: 4490  
Ion Ratio Lower Upper  
43 100  
58 32.3 22.0 33.0

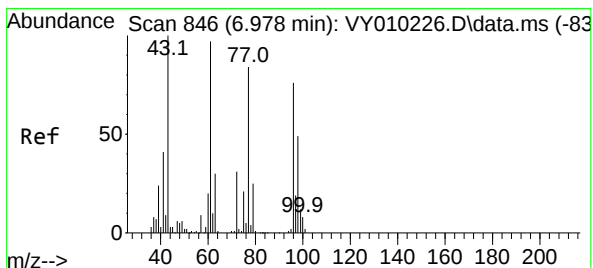
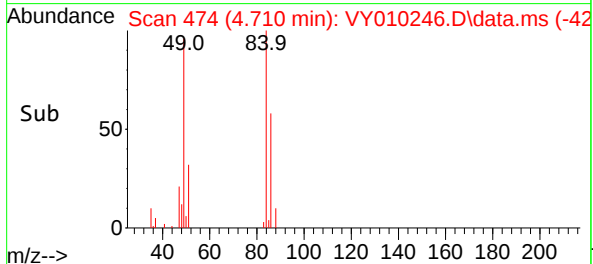
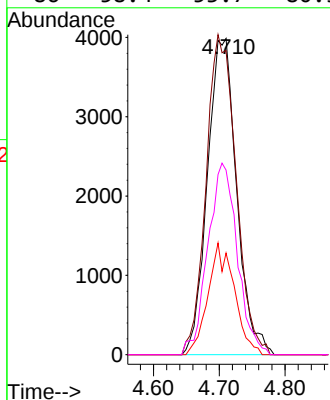
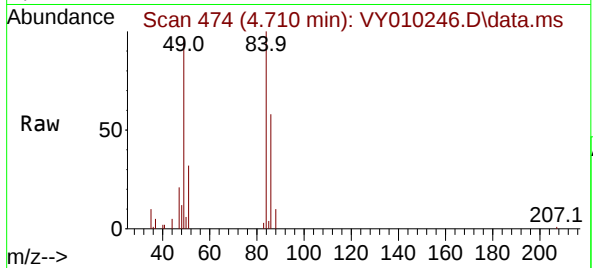




#20  
Methylene Chloride  
Concen: 8.367 ug/l  
RT: 4.710 min Scan# 41  
Delta R.T. 0.012 min  
Lab File: VY010246.D  
Acq: 31 Aug 2022 15:30

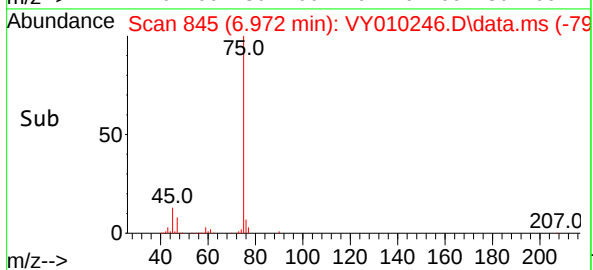
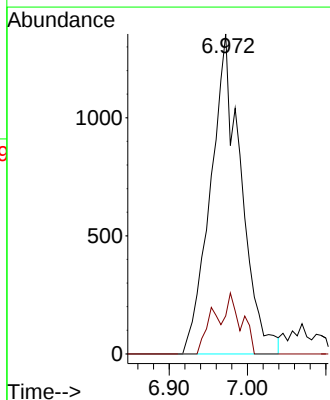
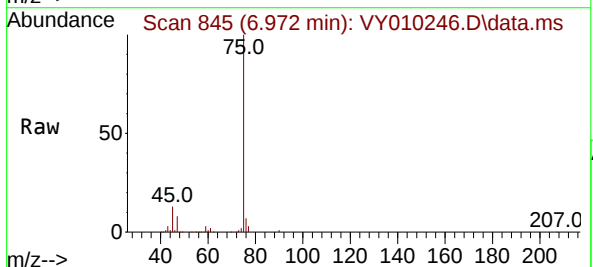
Instrument :  
MSVOA\_Y  
ClientSampleId :  
3-4-COMP-2

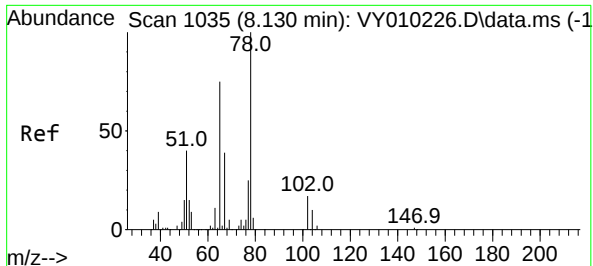
Tgt Ion: 84 Resp: 12348  
Ion Ratio Lower Upper  
84 100  
49 96.2 114.4 171.6#  
51 32.2 35.3 52.9#  
86 58.4 53.7 80.5



#25  
2-Butanone  
Concen: 8.486 ug/l  
RT: 6.972 min Scan# 845  
Delta R.T. -0.006 min  
Lab File: VY010246.D  
Acq: 31 Aug 2022 15:30

Tgt Ion: 43 Resp: 3663  
Ion Ratio Lower Upper  
43 100  
72 11.9 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 63.545 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VY010246.D

Acq: 31 Aug 2022 15:30

Instrument :

MSVOA\_Y

ClientSampleId :

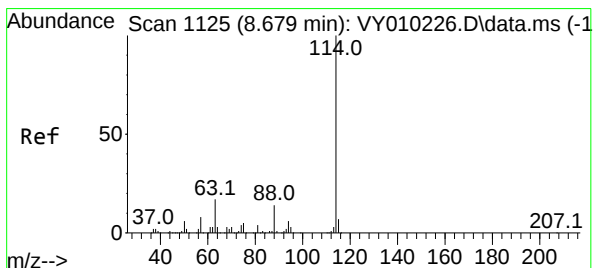
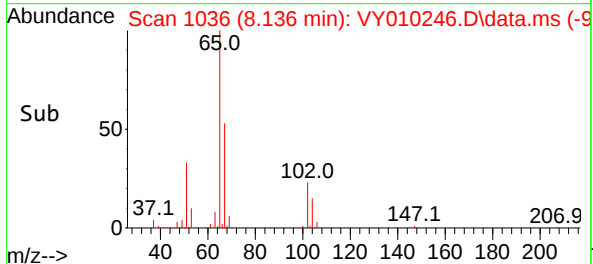
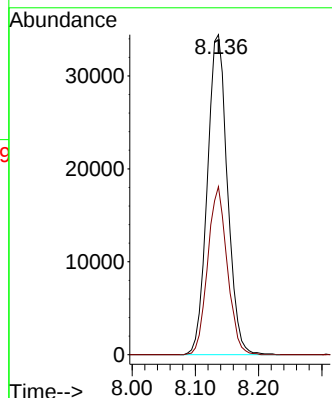
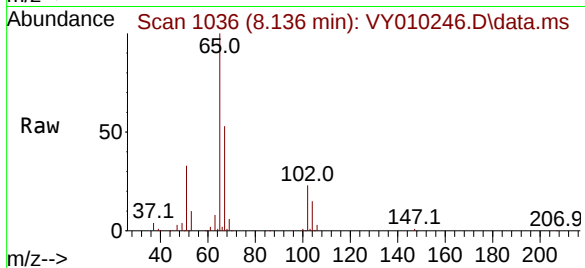
3-4-COMP-2

Tgt Ion: 65 Resp: 75939

Ion Ratio Lower Upper

65 100

67 51.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY010246.D

Acq: 31 Aug 2022 15:30

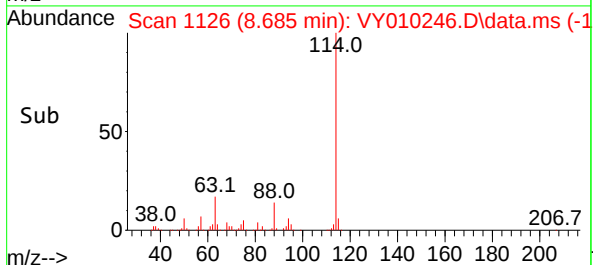
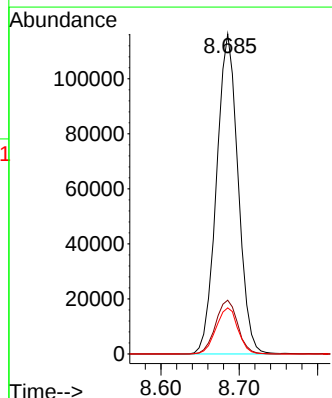
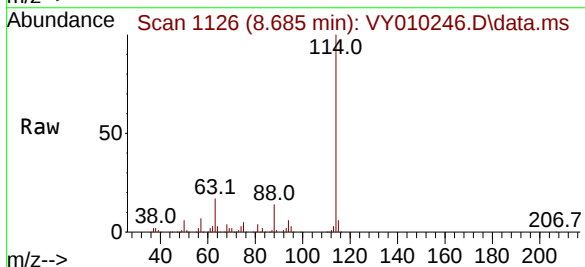
Tgt Ion: 114 Resp: 222589

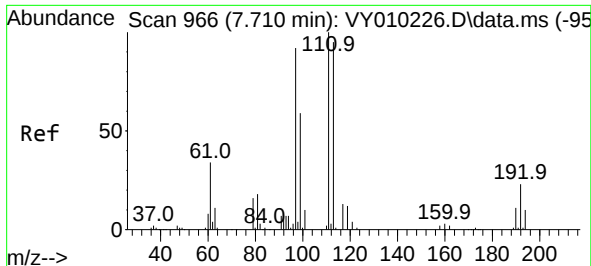
Ion Ratio Lower Upper

114 100

63 16.8 0.0 43.2

88 14.4 0.0 31.8

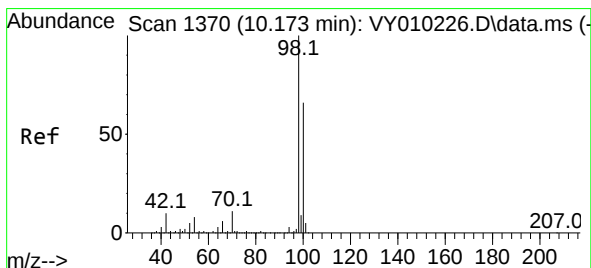
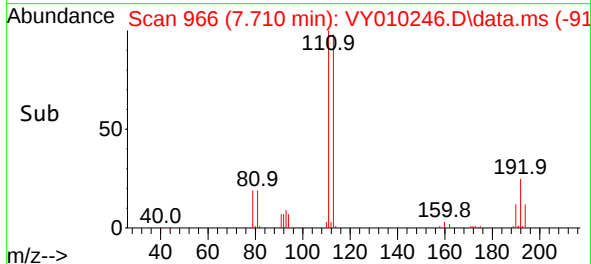
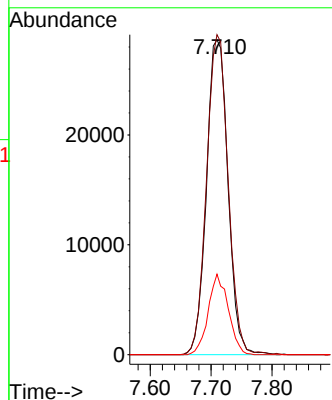
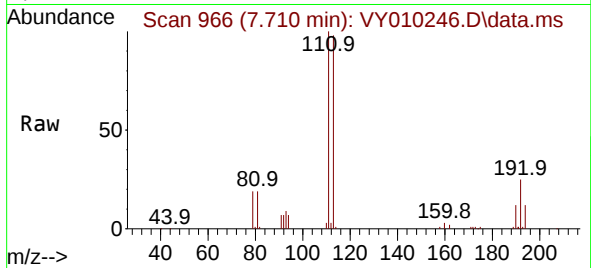




#35  
Dibromofluoromethane  
Concen: 54.864 ug/l  
RT: 7.710 min Scan# 90  
Delta R.T. -0.000 min  
Lab File: VY010246.D  
Acq: 31 Aug 2022 15:30

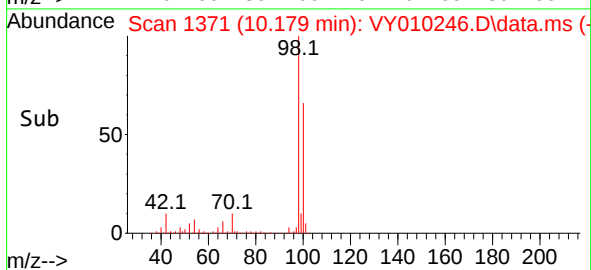
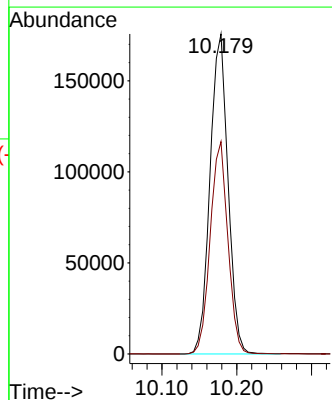
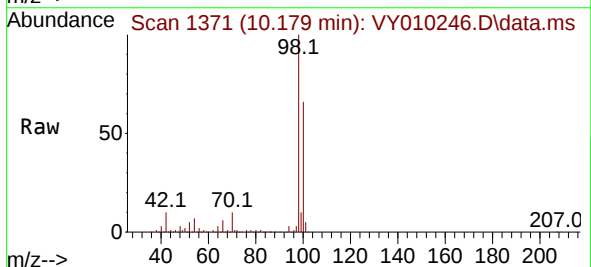
Instrument :  
MSVOA\_Y  
ClientSampleId :  
3-4-COMP-2

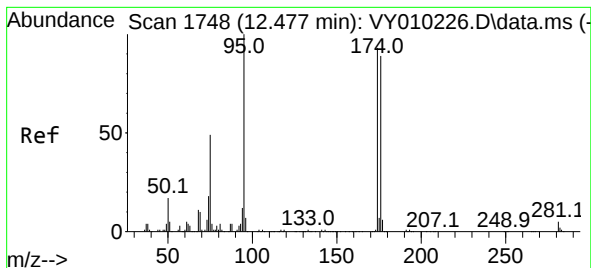
Tgt Ion:113 Resp: 70267  
Ion Ratio Lower Upper  
113 100  
111 101.9 82.6 124.0  
192 23.9 17.6 26.4



#50  
Toluene-d8  
Concen: 61.100 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. 0.006 min  
Lab File: VY010246.D  
Acq: 31 Aug 2022 15:30

Tgt Ion: 98 Resp: 293738  
Ion Ratio Lower Upper  
98 100  
100 65.2 50.2 75.2

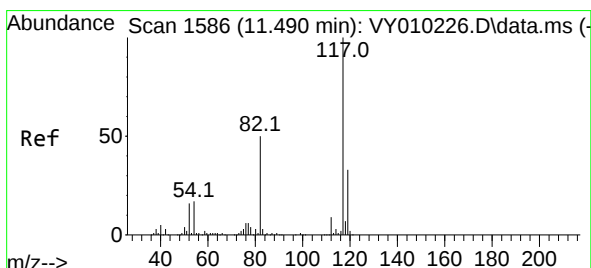
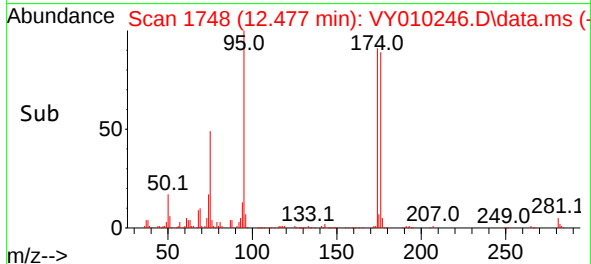
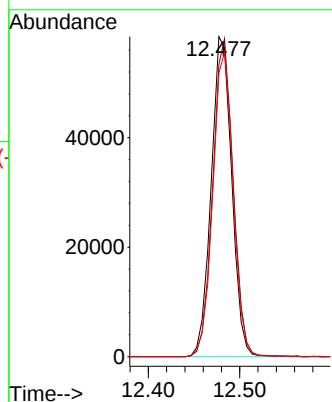
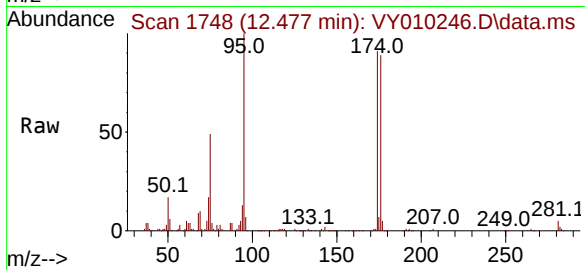




#62  
4-Bromofluorobenzene  
Concen: 51.435 ug/l  
RT: 12.477 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY010246.D  
Acq: 31 Aug 2022 15:30

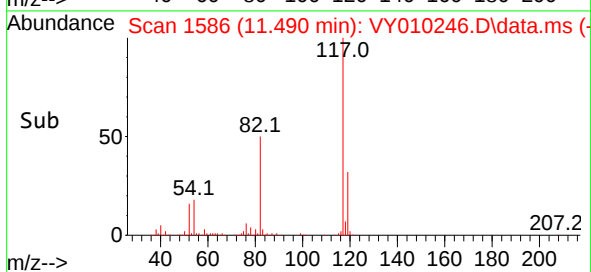
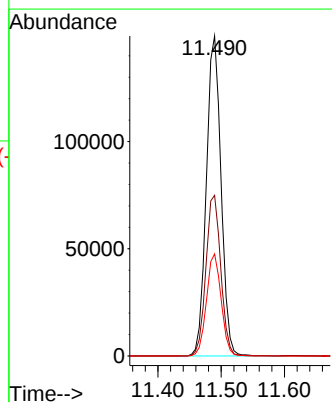
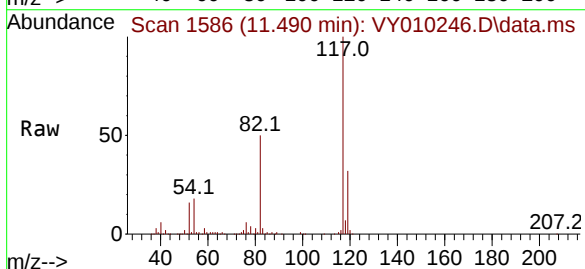
Instrument :  
MSVOA\_Y  
ClientSampleId :  
3-4-COMP-2

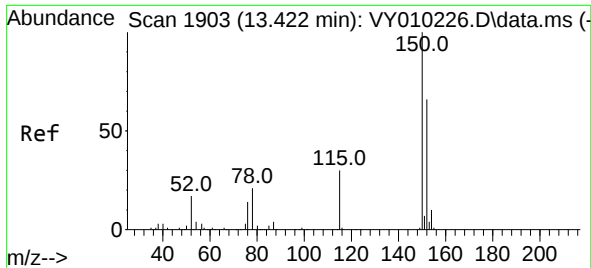
Tgt Ion: 95 Resp: 91215  
Ion Ratio Lower Upper  
95 100  
174 98.5 0.0 177.0  
176 94.2 0.0 175.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 1586  
Delta R.T. -0.000 min  
Lab File: VY010246.D  
Acq: 31 Aug 2022 15:30

Tgt Ion: 117 Resp: 240936  
Ion Ratio Lower Upper  
117 100  
82 50.2 43.0 64.4  
119 31.9 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY010246.D

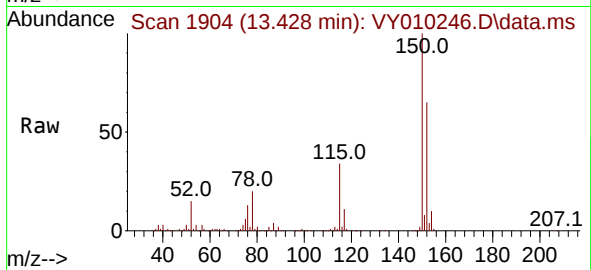
Acq: 31 Aug 2022 15:30

Instrument :

MSVOA\_Y

ClientSampleId :

3-4-COMP-2



Tgt Ion:152 Resp: 110987

Ion Ratio Lower Upper

152 100

115 53.4 28.2 84.7

150 156.1 0.0 347.6

