

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY030922\  
 Data File : VY007805.D  
 Acq On : 09 Mar 2022 17:30  
 Operator : SY/MD  
 Sample : N1763-15  
 Misc : 6.14g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 15-16-SAMPLE-LOCATION-8

Quant Time: Mar 10 01:04:26 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y022822S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 01 09:08:03 2022  
 Response via : Initial Calibration

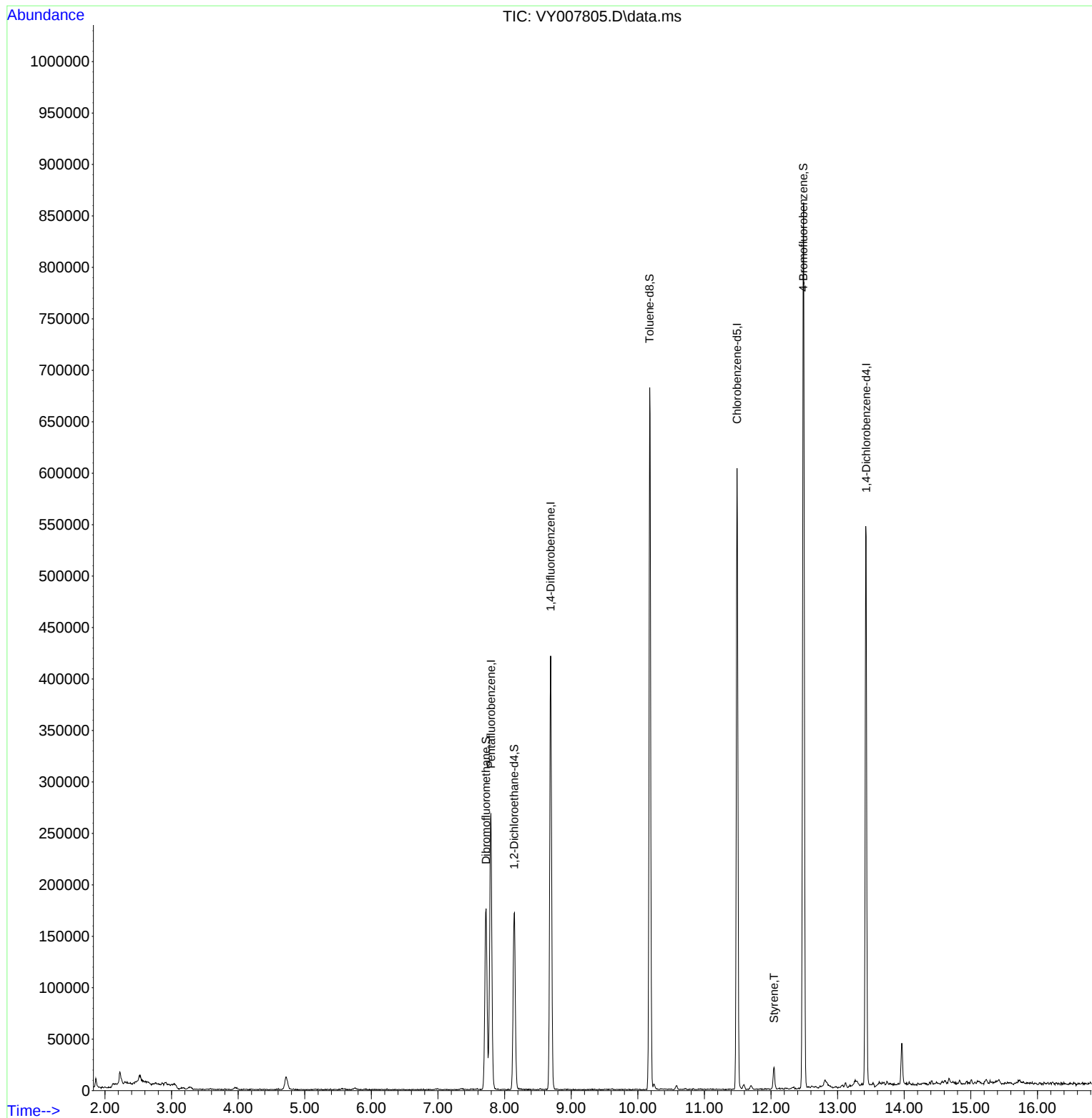
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min)    |
|-----------------------------|--------|-------|----------|----------|------------|-------------|
| -----                       |        |       |          |          |            |             |
| Internal Standards          |        |       |          |          |            |             |
| 1) Pentafluorobenzene       | 7.795  | 168   | 204131   | 50.000   | ug/l       | 0.00        |
| 34) 1,4-Difluorobenzene     | 8.691  | 114   | 350971   | 50.000   | ug/l       | 0.00        |
| 63) Chlorobenzene-d5        | 11.490 | 117   | 317856   | 50.000   | ug/l       | 0.00        |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152   | 133031   | 50.000   | ug/l       | 0.00        |
| System Monitoring Compounds |        |       |          |          |            |             |
| 33) 1,2-Dichloroethane-d4   | 8.143  | 65    | 134685   | 63.023   | ug/l       | 0.00        |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 126.040% |             |
| 35) Dibromofluoromethane    | 7.722  | 113   | 119500   | 53.256   | ug/l       | 0.00        |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 106.520% |             |
| 50) Toluene-d8              | 10.179 | 98    | 435985   | 52.784   | ug/l       | 0.00        |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 105.560% |             |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 129623   | 48.685   | ug/l       | 0.00        |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 97.360%  |             |
| Target Compounds            |        |       |          |          |            |             |
| 70) Styrene                 | 12.044 | 104   | 10193    | 1.341    | ug/l       | Qvalue # 86 |
| -----                       |        |       |          |          |            |             |

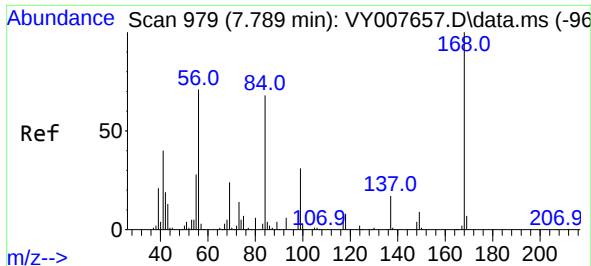
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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15-16-SAMPLE-LOCATION-8

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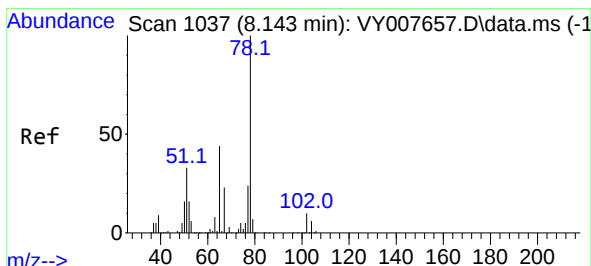
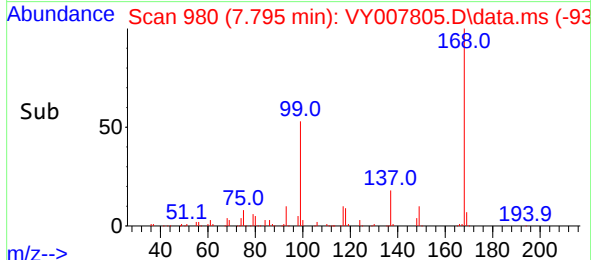
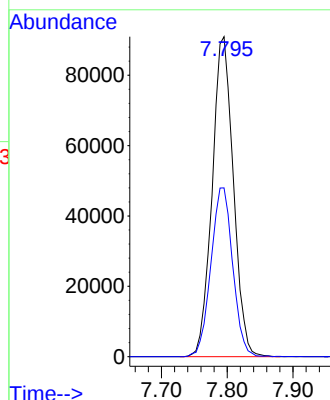
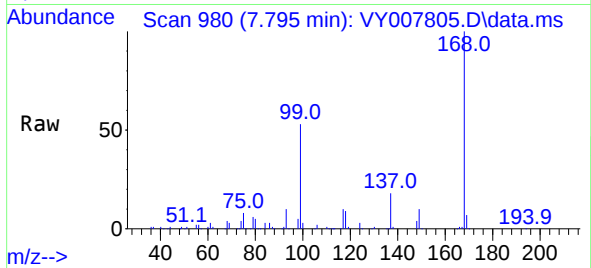




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY007805.D  
Acq: 09 Mar 2022 17:30

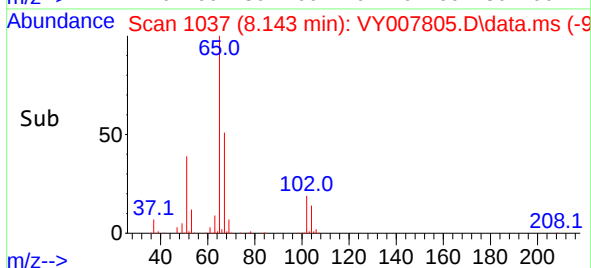
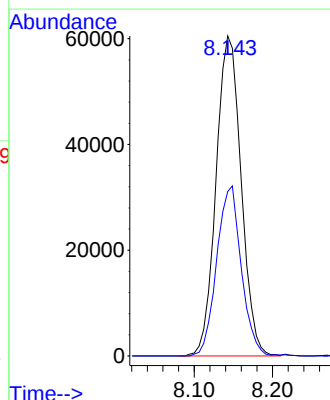
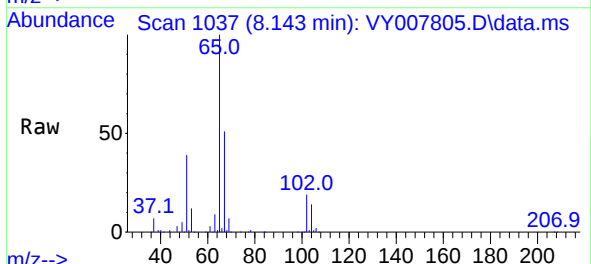
Instrument :  
MSVOA\_Y  
ClientSampleId :  
15-16-SAMPLE-LOCATION-8

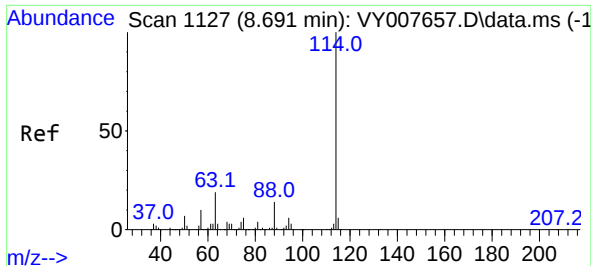
Tgt Ion:168 Resp: 204131  
Ion Ratio Lower Upper  
168 100  
99 52.8 46.9 70.3



#33  
1,2-Dichloroethane-d4  
Concen: 63.023 ug/l  
RT: 8.143 min Scan# 1037  
Delta R.T. -0.000 min  
Lab File: VY007805.D  
Acq: 09 Mar 2022 17:30

Tgt Ion: 65 Resp: 134685  
Ion Ratio Lower Upper  
65 100  
67 52.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007805.D

Acq: 09 Mar 2022 17:30

Instrument :

MSVOA\_Y

ClientSampleId :

15-16-SAMPLE-LOCATION-8

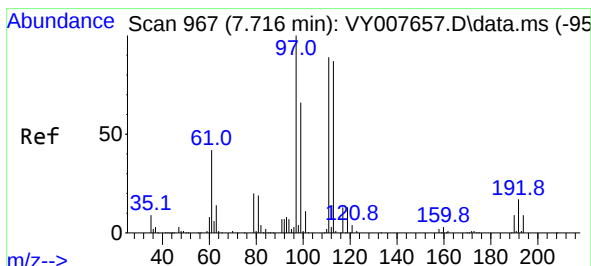
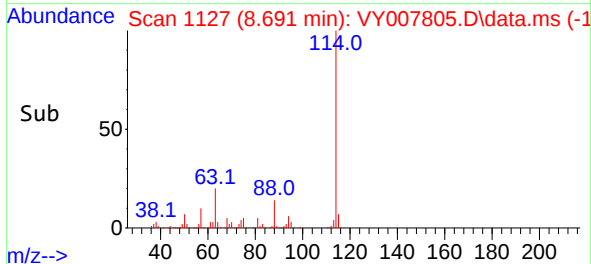
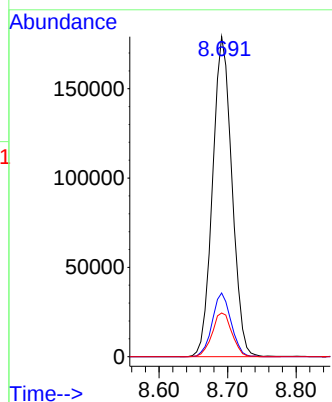
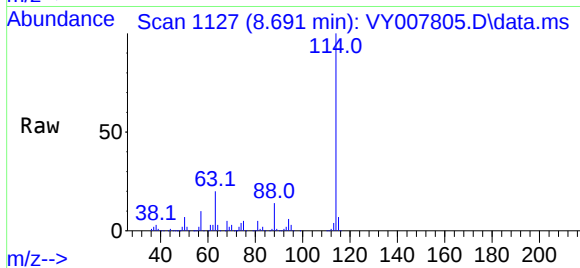
Tgt Ion:114 Resp: 350971

Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 13.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.256 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007805.D

Acq: 09 Mar 2022 17:30

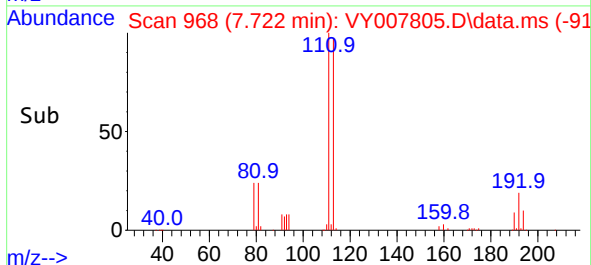
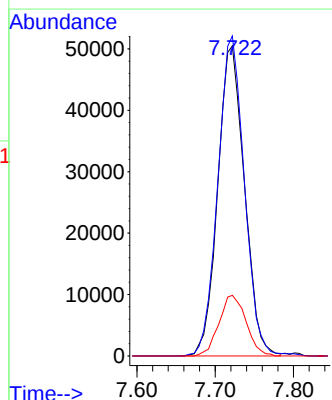
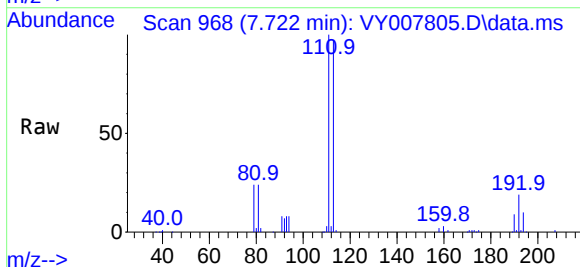
Tgt Ion:113 Resp: 119500

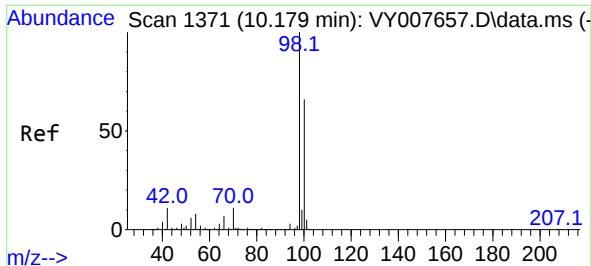
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 19.9 17.6 26.4

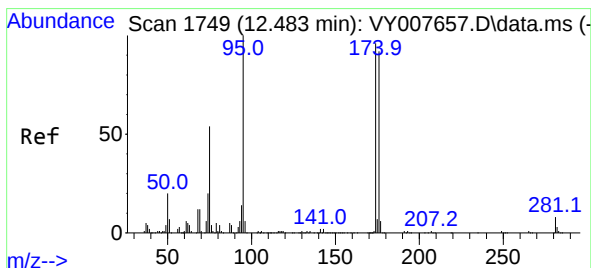
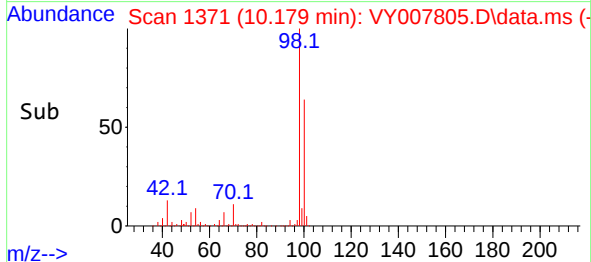
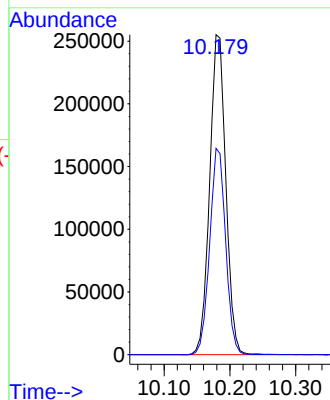
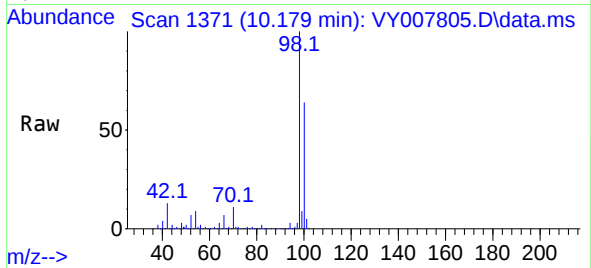




#50  
Toluene-d8  
Concen: 52.784 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. -0.000 min  
Lab File: VY007805.D  
Acq: 09 Mar 2022 17:30

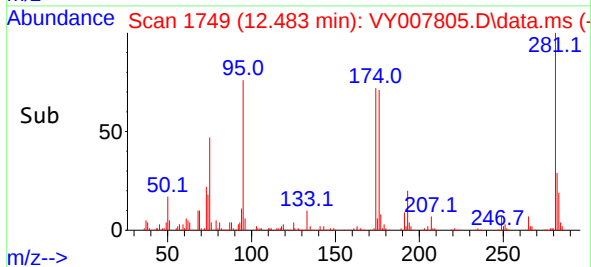
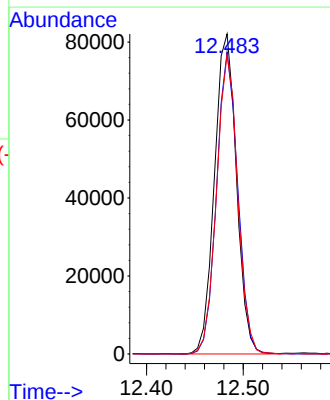
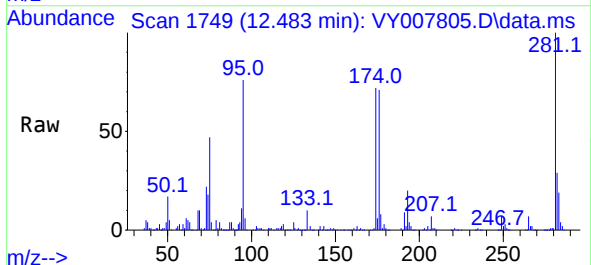
Instrument : MSVOA\_Y  
ClientSampleId : 15-16-SAMPLE-LOCATION-8

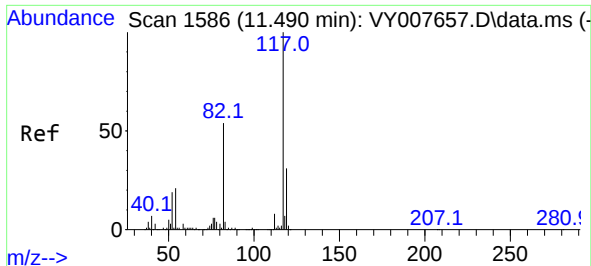
Tgt Ion: 98 Resp: 435985  
Ion Ratio Lower Upper  
98 100  
100 63.6 50.2 75.2



#62  
4-Bromofluorobenzene  
Concen: 48.685 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY007805.D  
Acq: 09 Mar 2022 17:30

Tgt Ion: 95 Resp: 129623  
Ion Ratio Lower Upper  
95 100  
174 90.4 0.0 177.0  
176 89.7 0.0 175.8

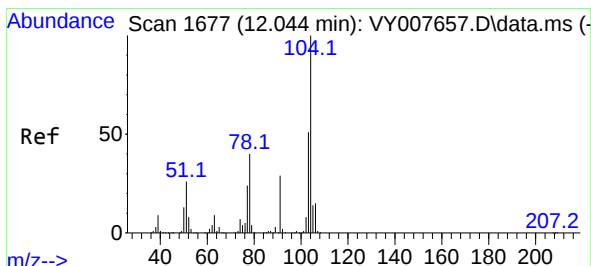
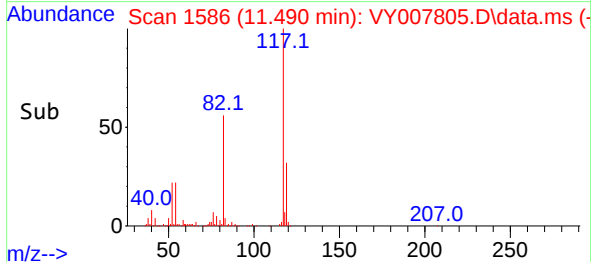
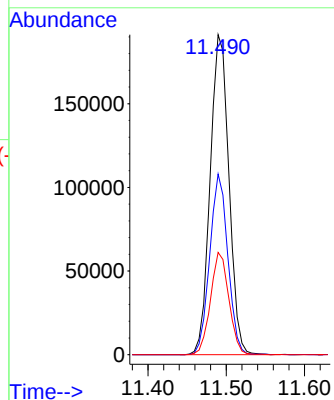
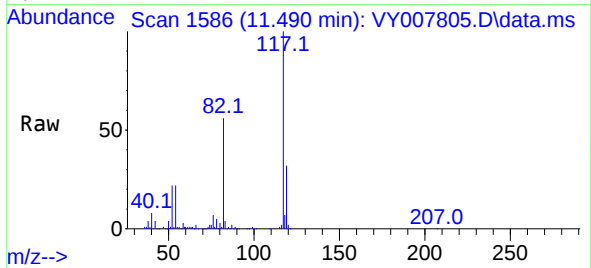




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VY007805.D  
Acq: 09 Mar 2022 17:30

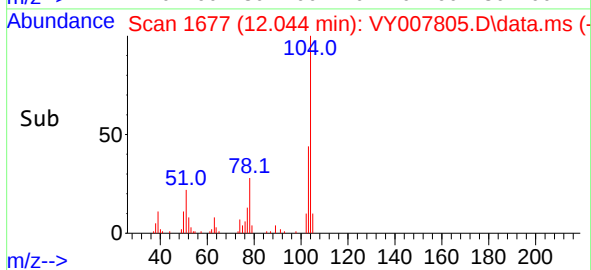
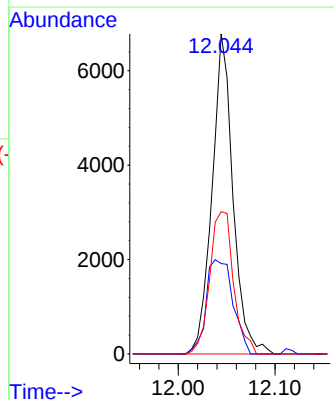
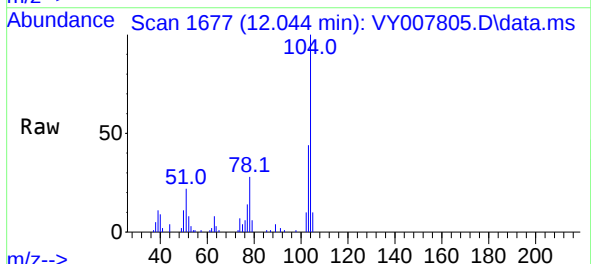
Instrument :  
MSVOA\_Y  
ClientSampleId :  
15-16-SAMPLE-LOCATION-8

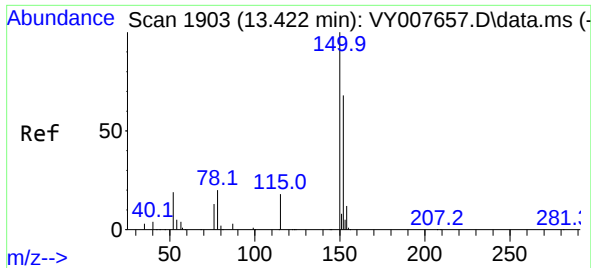
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 317856 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 56.5  | 43.0  | 64.4   |
| 119      | 32.0  | 25.4  | 38.0   |



#70  
Styrene  
Concen: 1.341 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: VY007805.D  
Acq: 09 Mar 2022 17:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 104   | Resp: | 10193 |
| Ion      | Ratio | Lower | Upper |
| 104      | 100   |       |       |
| 78       | 37.8  | 42.4  | 63.6  |
| 103      | 50.5  | 44.4  | 66.6  |





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY007805.D

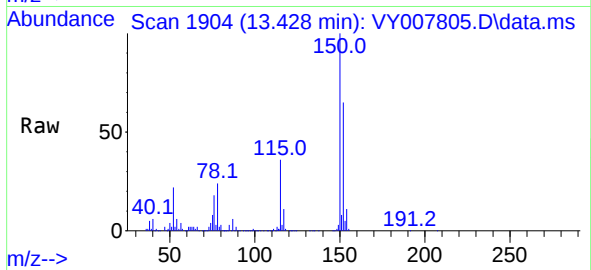
Acq: 09 Mar 2022 17:30

Instrument :

MSVOA\_Y

ClientSampleId :

15-16-SAMPLE-LOCATION-8



Tgt Ion:152 Resp: 133031

Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.7

150 157.6 0.0 347.6

