

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY091024\  
 Data File : VY019483.D  
 Acq On : 10 Sep 2024 13:27  
 Operator : SY/MD  
 Sample : P3852-04  
 Misc : 5.04g/5.0mL/MSVOA\_Y/SOIL/B  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 ETGI356

Quant Time: Sep 10 14:54:48 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090924S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Sep 09 16:00:30 2024  
 Response via : Initial Calibration

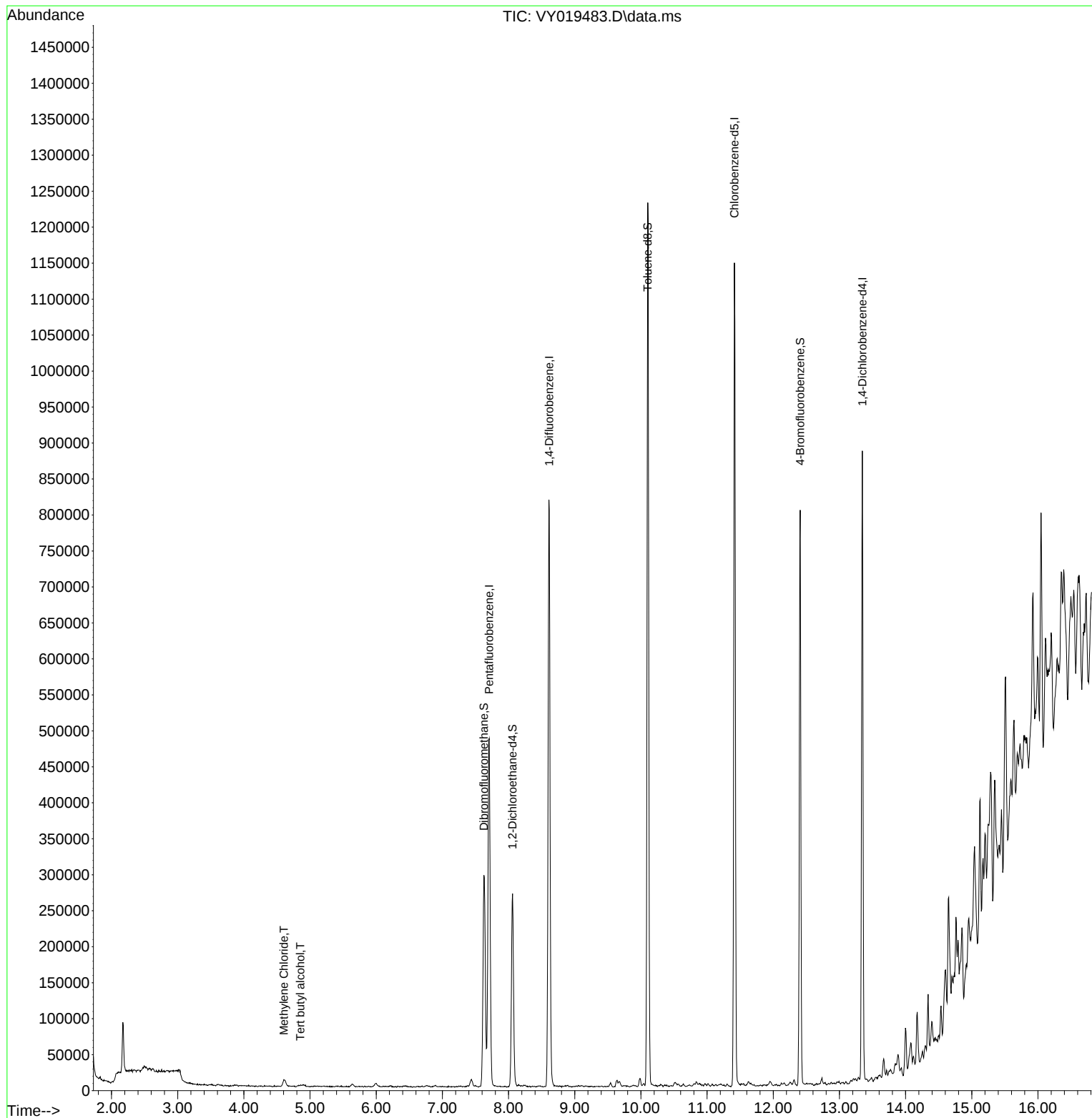
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 7.707  | 168   | 366129   | 50.000   | ug/l       | # 0.00   |
| 34) 1,4-Difluorobenzene     | 8.615  | 114   | 681017   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.414 | 117   | 589897   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.346 | 152   | 209279   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.061  | 65    | 211589   | 62.411   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 124.820% |          |
| 35) Dibromofluoromethane    | 7.628  | 113   | 214841   | 55.640   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 111.280% |          |
| 50) Toluene-d8              | 10.103 | 98    | 800266   | 56.034   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 112.060% |          |
| 62) 4-Bromofluorobenzene    | 12.407 | 95    | 254613   | 46.365   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 29 - 146 | Recovery | = 92.740%  |          |
| Target Compounds            |        |       |          |          |            |          |
|                             |        |       |          |          | Qvalue     |          |
| 11) Tert butyl alcohol      | 4.854  | 59    | 3776     | 13.792   | ug/l       | # 74     |
| 20) Methylene Chloride      | 4.604  | 84    | 7139     | 1.938    | ug/l       | # 84     |
| -----                       |        |       |          |          |            |          |

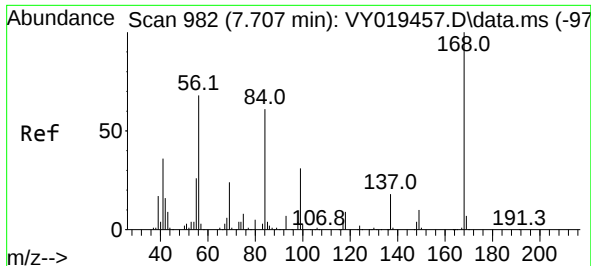
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY091024\  
Data File : VY019483.D  
Acq On : 10 Sep 2024 13:27  
Operator : SY/MD  
Sample : P3852-04  
Misc : 5.04g/5.0mL/MSVOA\_Y/SOIL/B  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ETGI356

Quant Time: Sep 10 14:54:48 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090924S.M  
Quant Title : SW846 8260  
QLast Update : Mon Sep 09 16:00:30 2024  
Response via : Initial Calibration

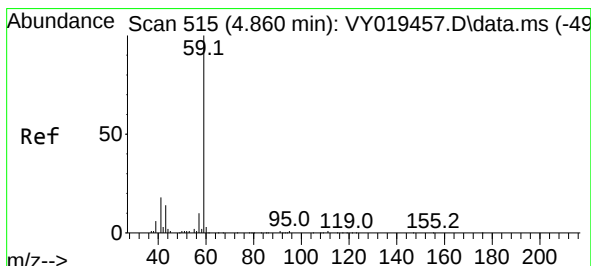
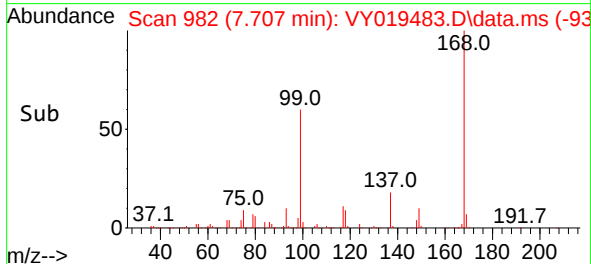
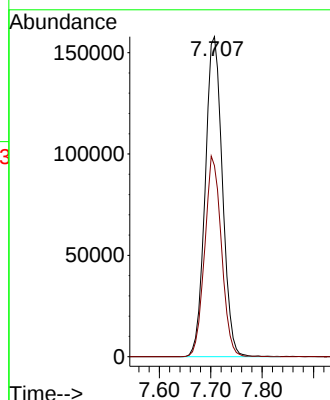
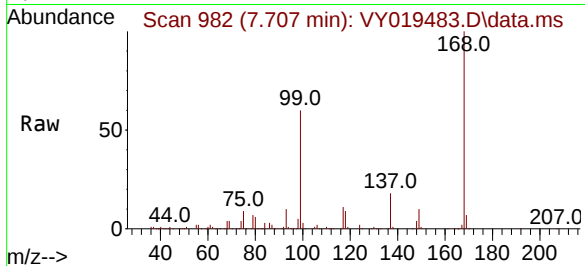




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.707 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY019483.D  
Acq: 10 Sep 2024 13:27

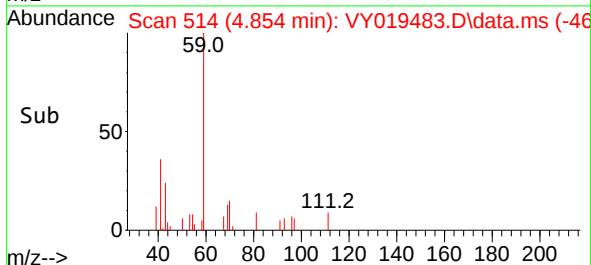
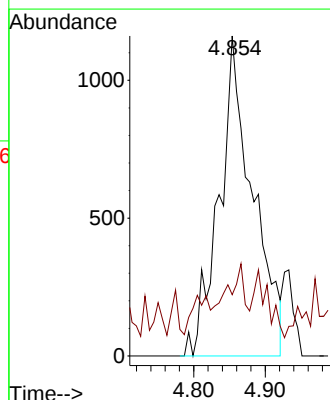
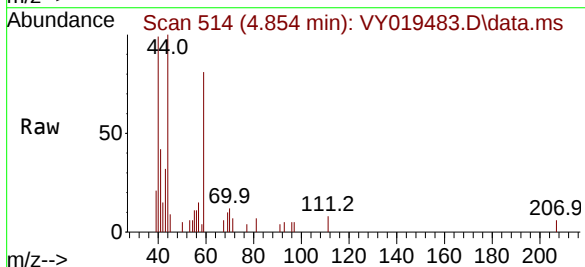
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ETGI356

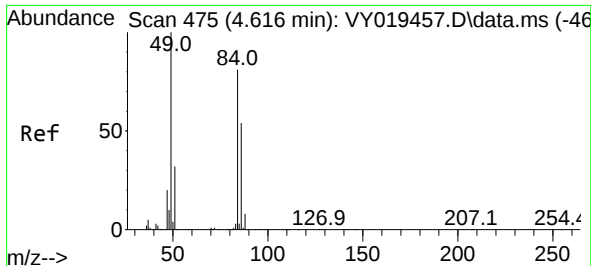
Tgt Ion:168 Resp: 366129  
Ion Ratio Lower Upper  
168 100  
99 59.7 39.1 58.7#



#11  
Tert butyl alcohol  
Concen: 13.792 ug/l  
RT: 4.854 min Scan# 514  
Delta R.T. -0.006 min  
Lab File: VY019483.D  
Acq: 10 Sep 2024 13:27

Tgt Ion: 59 Resp: 3776  
Ion Ratio Lower Upper  
59 100  
57 12.4 3.0 4.6#

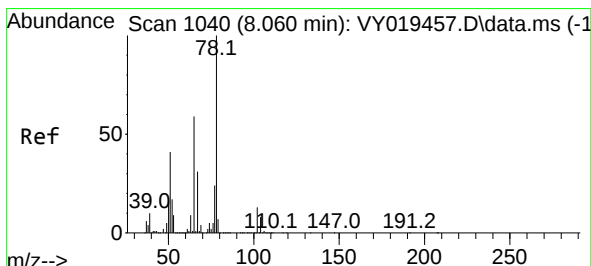
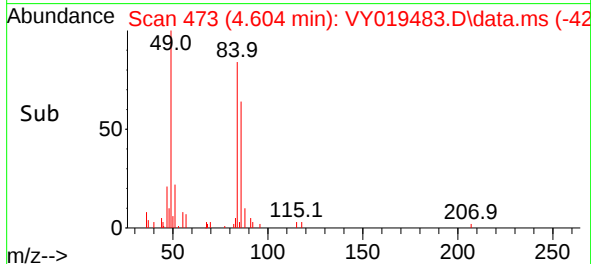
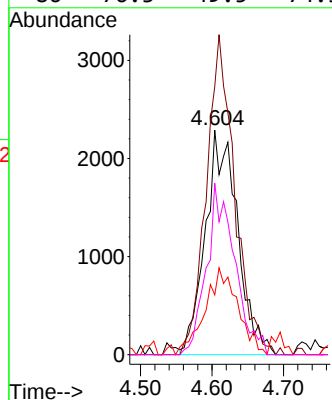
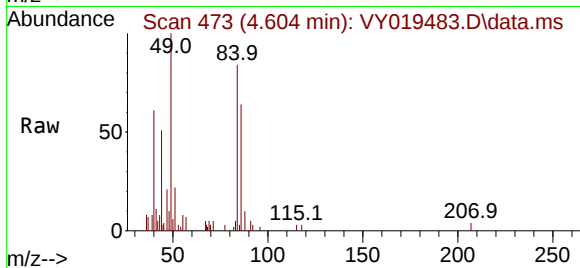




#20  
Methylene Chloride  
Concen: 1.938 ug/l  
RT: 4.604 min Scan# 41  
Delta R.T. -0.012 min  
Lab File: VY019483.D  
Acq: 10 Sep 2024 13:27

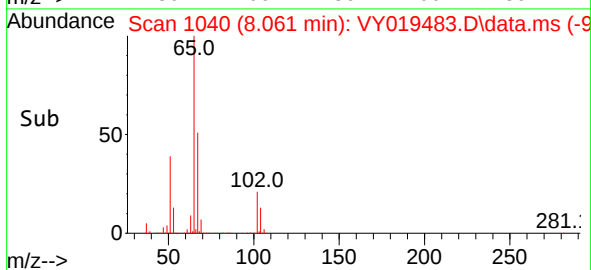
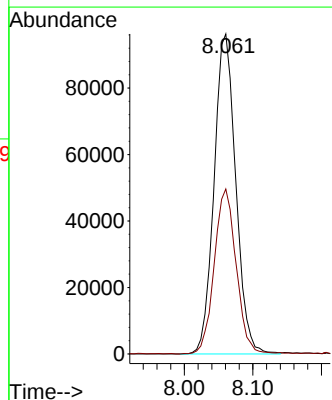
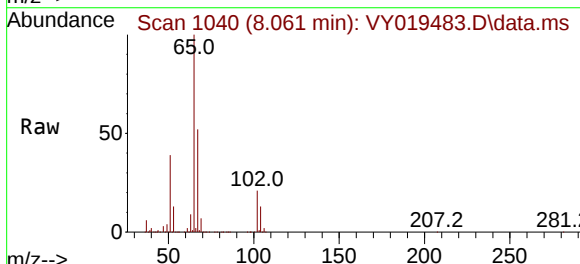
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ETGI356

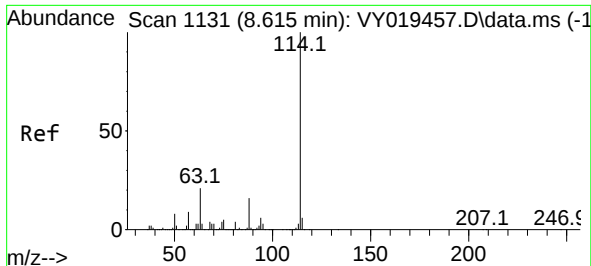
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 7139  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 119.4 | 84.4  | 126.6 |
| 51       | 23.2  | 26.0  | 39.0# |
| 86       | 76.3  | 49.5  | 74.3# |



#33  
1,2-Dichloroethane-d4  
Concen: 62.411 ug/l  
RT: 8.061 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: VY019483.D  
Acq: 10 Sep 2024 13:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 211589 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 52.0  | 0.0   | 109.6  |





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019483.D

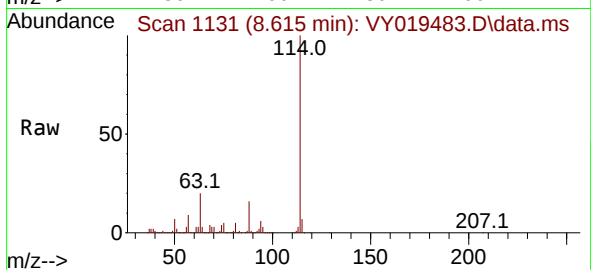
Acq: 10 Sep 2024 13:27

Instrument :

MSVOA\_Y

ClientSampleId :

ETGI356



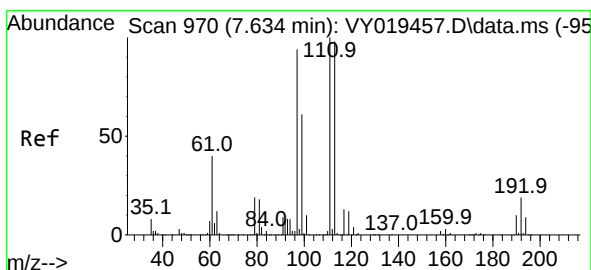
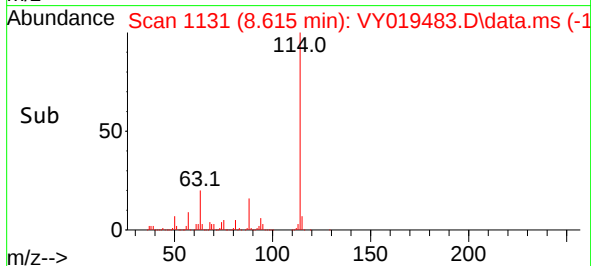
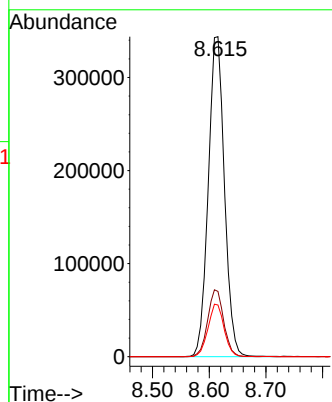
Tgt Ion:114 Resp: 681017

Ion Ratio Lower Upper

114 100

63 20.4 0.0 35.0

88 16.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.640 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY019483.D

Acq: 10 Sep 2024 13:27

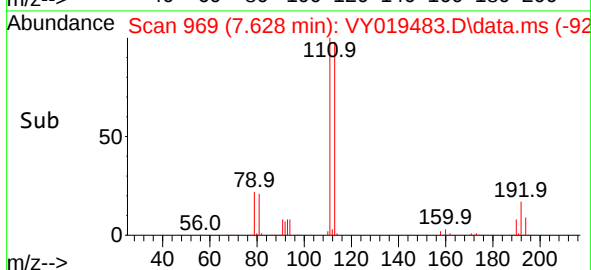
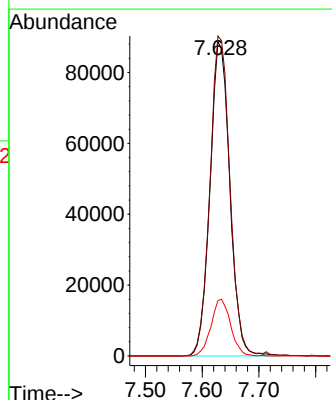
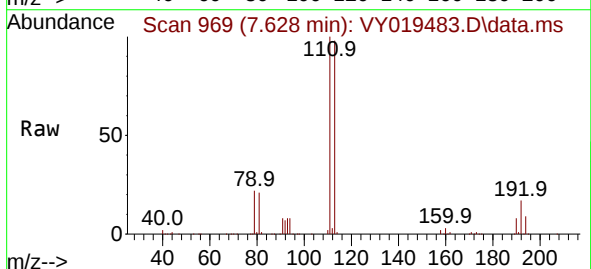
Tgt Ion:113 Resp: 214841

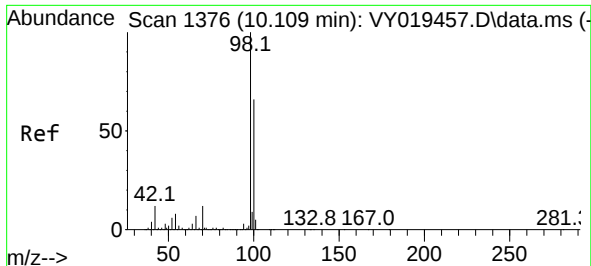
Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

192 17.9 15.9 23.9

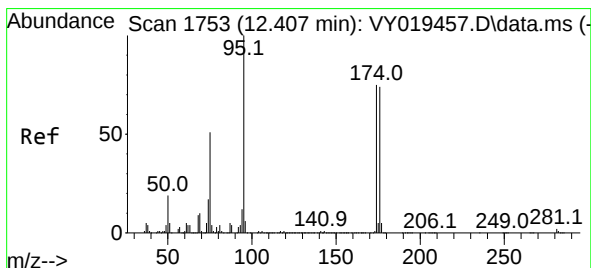
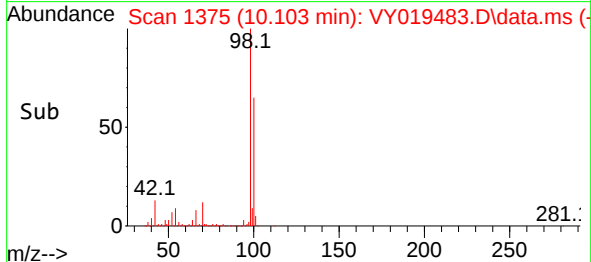
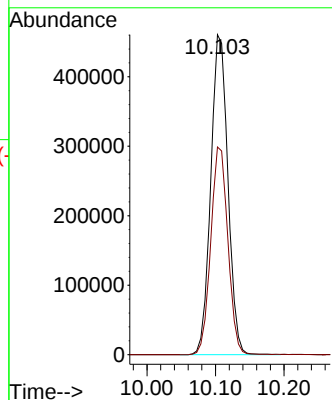
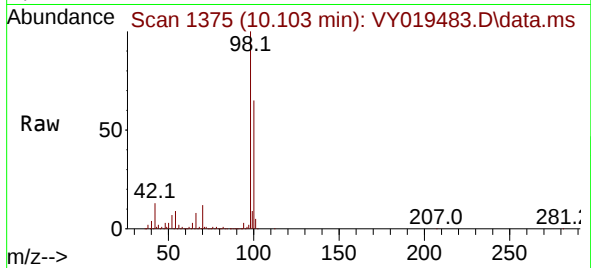




#50  
Toluene-d8  
Concen: 56.034 ug/l  
RT: 10.103 min Scan# 1376  
Delta R.T. -0.006 min  
Lab File: VY019483.D  
Acq: 10 Sep 2024 13:27

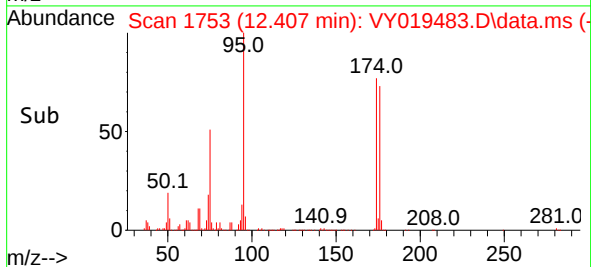
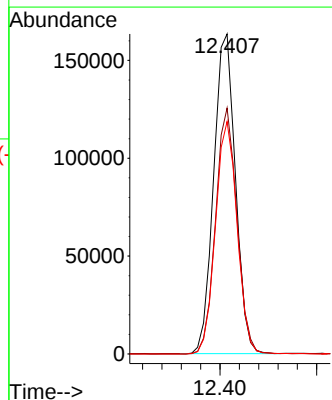
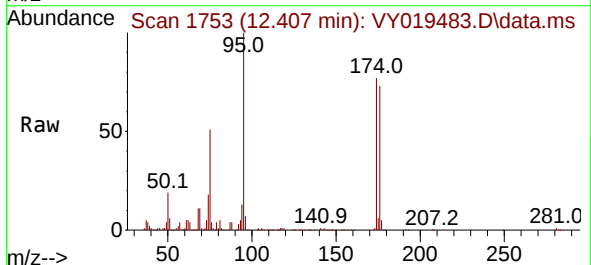
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ETGI356

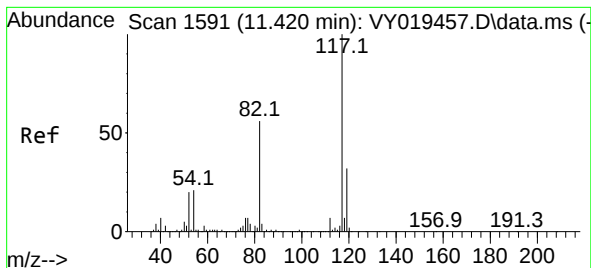
Tgt Ion: 98 Resp: 800266  
Ion Ratio Lower Upper  
98 100  
100 64.8 52.0 78.0



#62  
4-Bromofluorobenzene  
Concen: 46.365 ug/l  
RT: 12.407 min Scan# 1753  
Delta R.T. 0.000 min  
Lab File: VY019483.D  
Acq: 10 Sep 2024 13:27

Tgt Ion: 95 Resp: 254613  
Ion Ratio Lower Upper  
95 100  
174 75.8 0.0 175.6  
176 72.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019483.D

Acq: 10 Sep 2024 13:27

Instrument :

MSVOA\_Y

ClientSampleId :

ETGI356

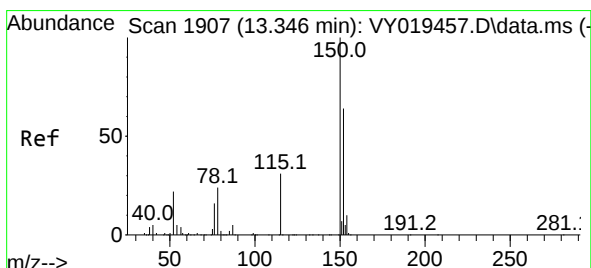
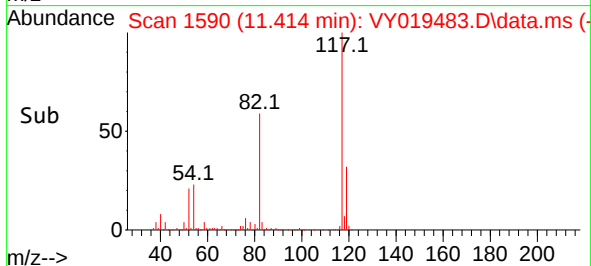
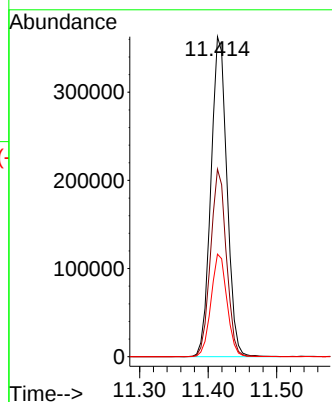
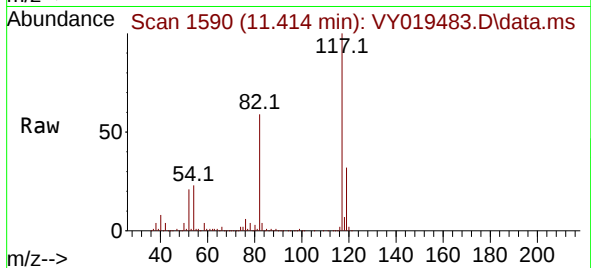
Tgt Ion:117 Resp: 589897

Ion Ratio Lower Upper

117 100

82 58.5 42.4 63.6

119 32.1 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019483.D

Acq: 10 Sep 2024 13:27

Tgt Ion:152 Resp: 209279

Ion Ratio Lower Upper

152 100

115 61.3 28.2 84.7

150 156.2 0.0 345.6

