

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY122122\  
 Data File : VY011945.D  
 Acq On : 21 Dec 2022 14:36  
 Operator : KP/MD  
 Sample : N6098-07  
 Misc : 5.34g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 FVSUB-TP6-COMP-06

Quant Time: Dec 22 00:13:48 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y122022S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 20 12:37:37 2022  
 Response via : Initial Calibration

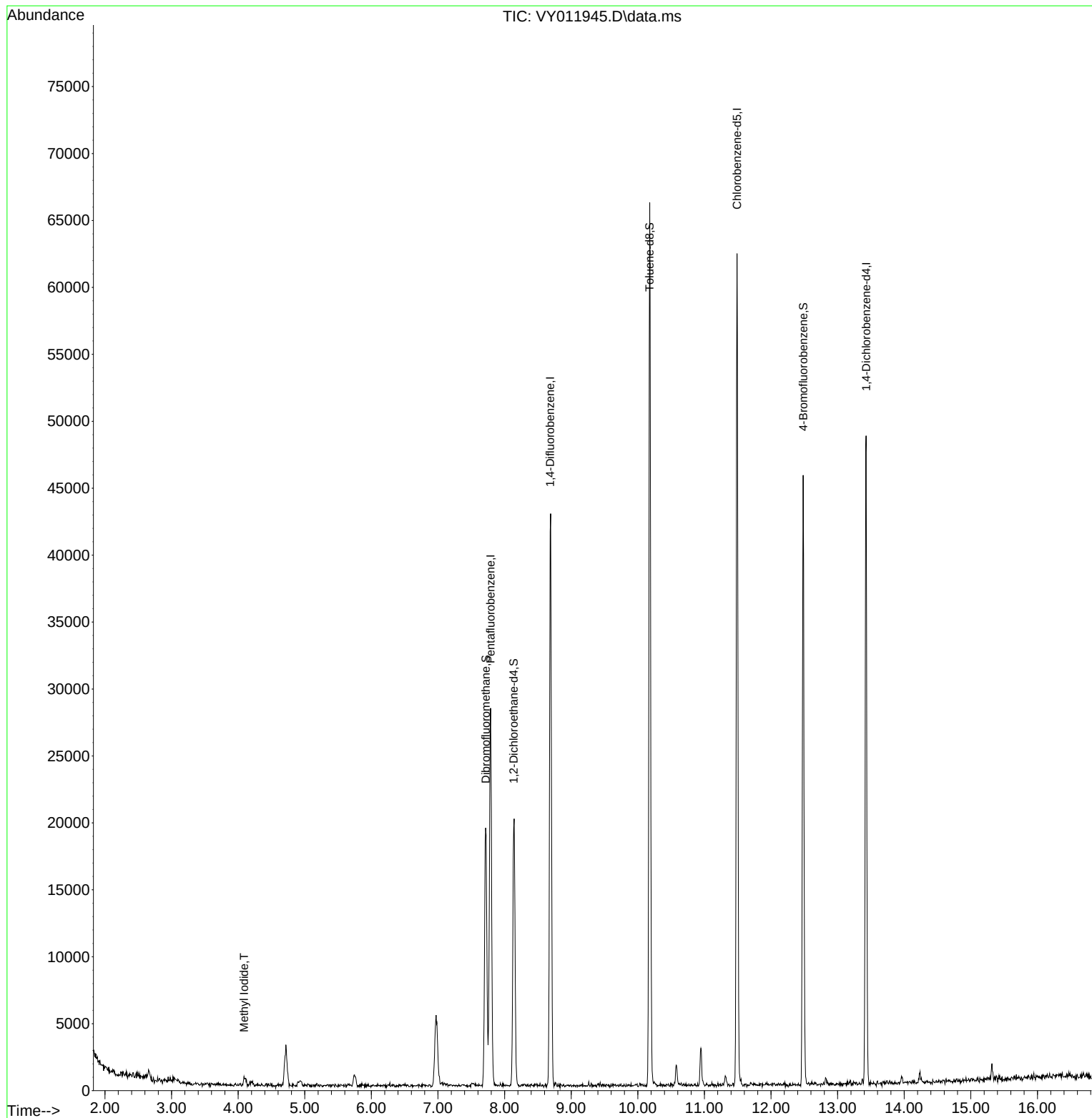
| Compound                    | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min)    |
|-----------------------------|--------|----------------|----------|--------|----------|-------------|
| -----                       |        |                |          |        |          |             |
| Internal Standards          |        |                |          |        |          |             |
| 1) Pentafluorobenzene       | 7.789  | 168            | 22678    | 50.000 | ug/l     | 0.00        |
| 34) 1,4-Difluorobenzene     | 8.685  | 114            | 37980    | 50.000 | ug/l     | 0.00        |
| 63) Chlorobenzene-d5        | 11.489 | 117            | 36377    | 50.000 | ug/l     | 0.00        |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152            | 13437    | 50.000 | ug/l     | 0.00        |
| System Monitoring Compounds |        |                |          |        |          |             |
| 33) 1,2-Dichloroethane-d4   | 8.136  | 65             | 16703    | 73.106 | ug/l     | 0.00        |
| Spiked Amount               | 50.000 | Range 50 - 163 | Recovery | =      | 146.220% |             |
| 35) Dibromofluoromethane    | 7.716  | 113            | 13800    | 60.354 | ug/l     | 0.00        |
| Spiked Amount               | 50.000 | Range 54 - 147 | Recovery | =      | 120.700% |             |
| 50) Toluene-d8              | 10.179 | 98             | 45842    | 49.415 | ug/l     | 0.00        |
| Spiked Amount               | 50.000 | Range 49 - 140 | Recovery | =      | 98.840%  |             |
| 62) 4-Bromofluorobenzene    | 12.483 | 95             | 13116    | 42.038 | ug/l     | 0.00        |
| Spiked Amount               | 50.000 | Range 25 - 144 | Recovery | =      | 84.080%  |             |
| Target Compounds            |        |                |          |        |          |             |
| 10) Methyl Iodide           | 4.088  | 142            | 851      | 2.868  | ug/l     | Qvalue # 93 |
| -----                       |        |                |          |        |          |             |

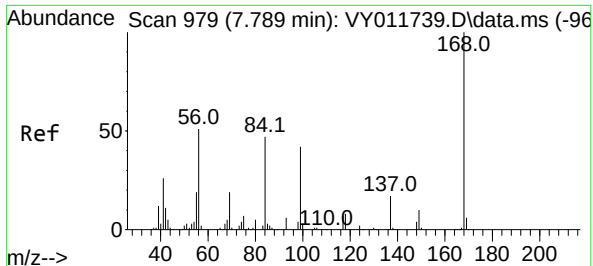
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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FVSUB-TP6-COMP-06

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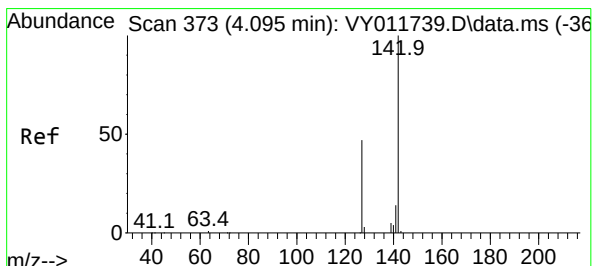
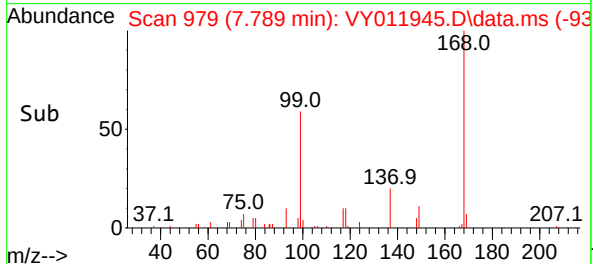
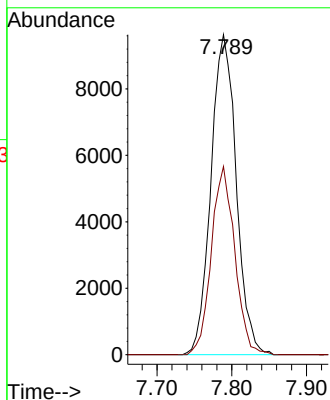
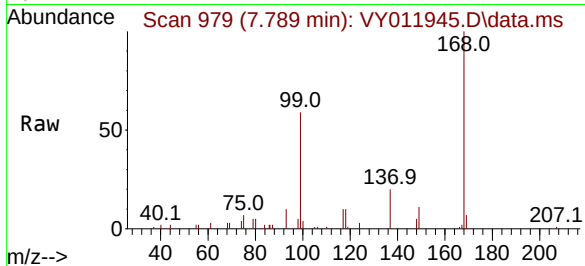




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY011945.D  
Acq: 21 Dec 2022 14:36

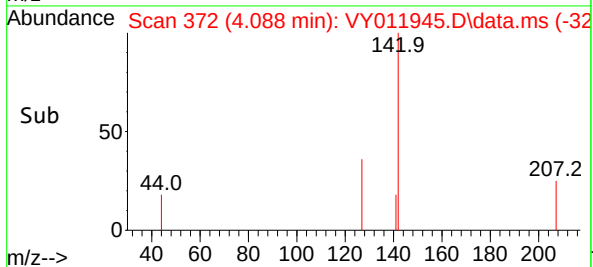
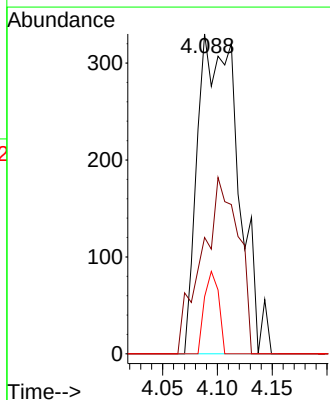
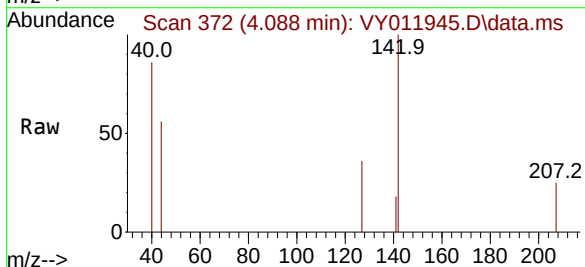
Instrument :  
MSVOA\_Y  
ClientSampleId :  
FVSUB-TP6-COMP-06

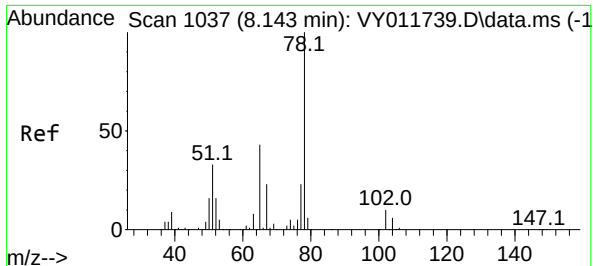
Tgt Ion:168 Resp: 22678  
Ion Ratio Lower Upper  
168 100  
99 58.8 44.0 66.0



#10  
Methyl Iodide  
Concen: 2.868 ug/l  
RT: 4.088 min Scan# 372  
Delta R.T. -0.007 min  
Lab File: VY011945.D  
Acq: 21 Dec 2022 14:36

Tgt Ion:142 Resp: 851  
Ion Ratio Lower Upper  
142 100  
127 49.7 37.0 55.4  
141 9.0 11.4 17.0#





#33

1,2-Dichloroethane-d4

Concen: 73.106 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY011945.D

Acq: 21 Dec 2022 14:36

Instrument :

MSVOA\_Y

ClientSampleId :

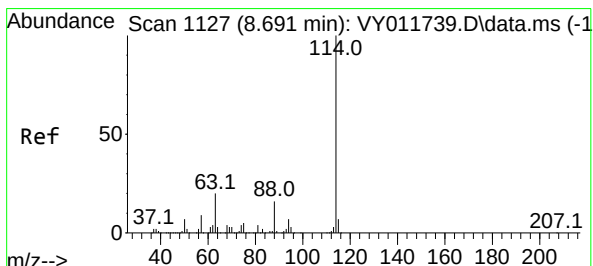
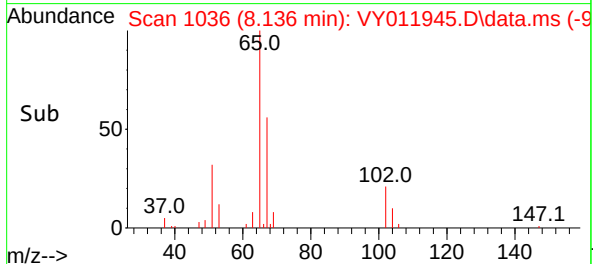
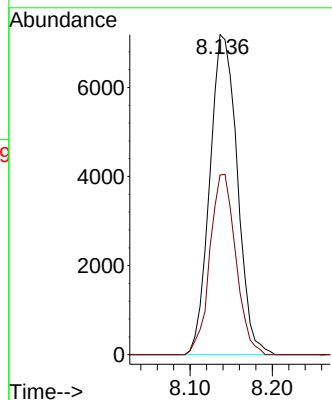
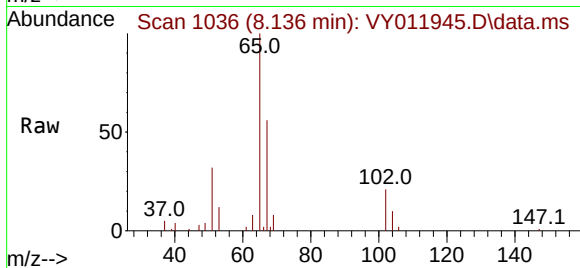
FVSUB-TP6-COMP-06

Tgt Ion: 65 Resp: 16703

Ion Ratio Lower Upper

65 100

67 53.1 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY011945.D

Acq: 21 Dec 2022 14:36

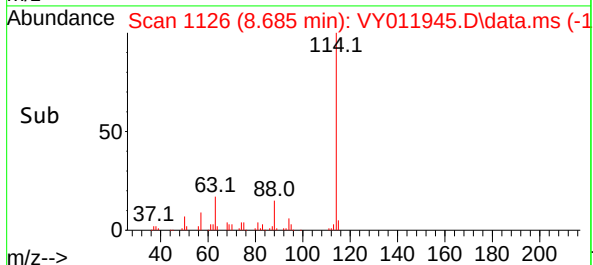
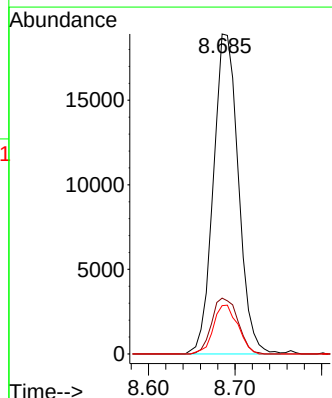
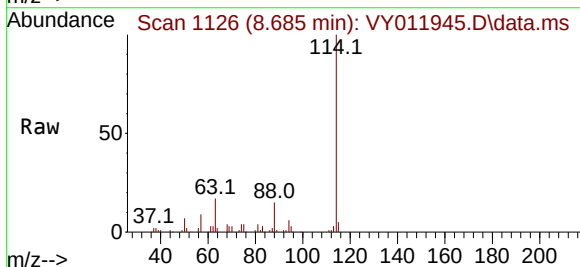
Tgt Ion: 114 Resp: 37980

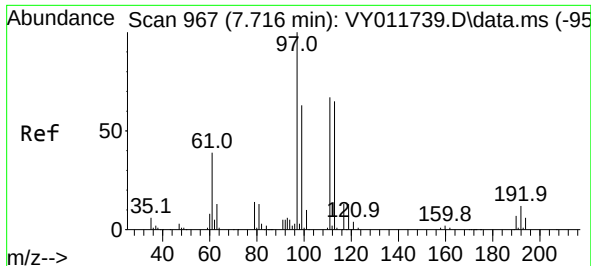
Ion Ratio Lower Upper

114 100

63 17.4 0.0 39.6

88 15.1 0.0 32.2

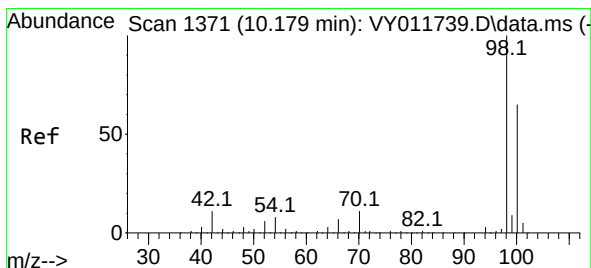
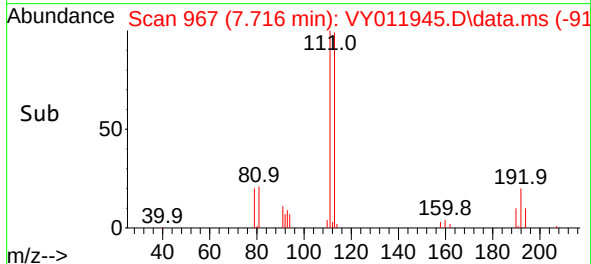
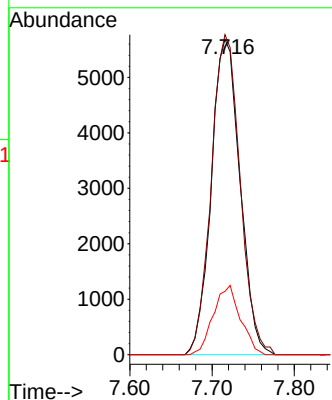
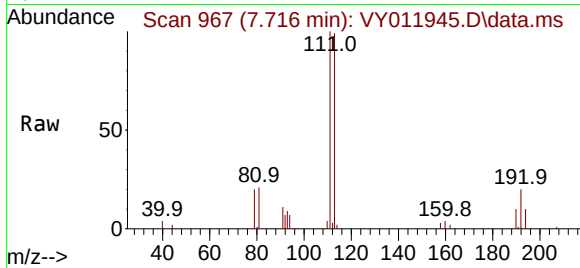




#35  
Dibromofluoromethane  
Concen: 60.354 ug/l  
RT: 7.716 min Scan# 967  
Delta R.T. -0.000 min  
Lab File: VY011945.D  
Acq: 21 Dec 2022 14:36

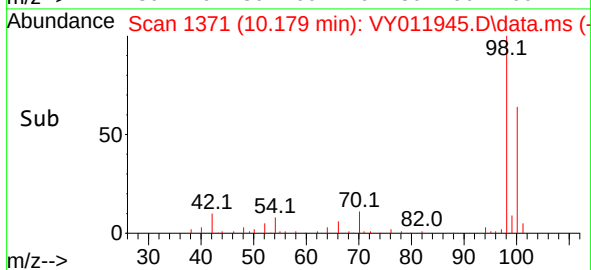
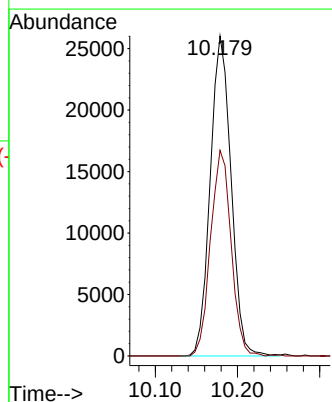
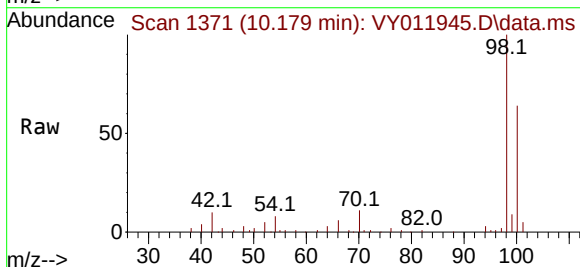
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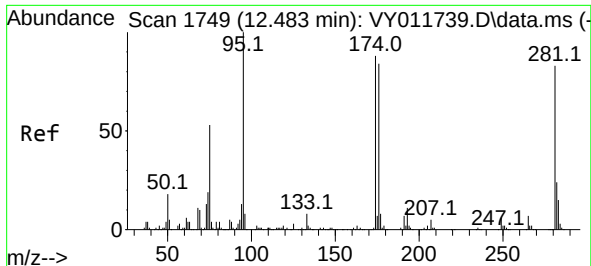
Tgt Ion:113 Resp: 13800  
Ion Ratio Lower Upper  
113 100  
111 101.7 83.0 124.4  
192 20.8 16.0 24.0



#50  
Toluene-d8  
Concen: 49.415 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. -0.000 min  
Lab File: VY011945.D  
Acq: 21 Dec 2022 14:36

Tgt Ion: 98 Resp: 45842  
Ion Ratio Lower Upper  
98 100  
100 63.3 51.9 77.9

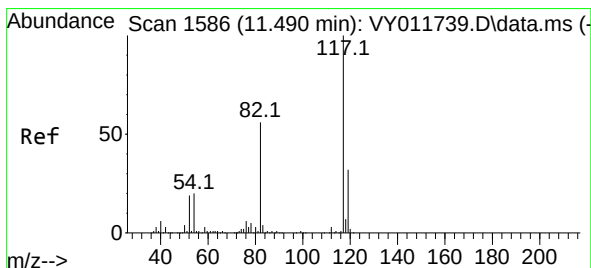
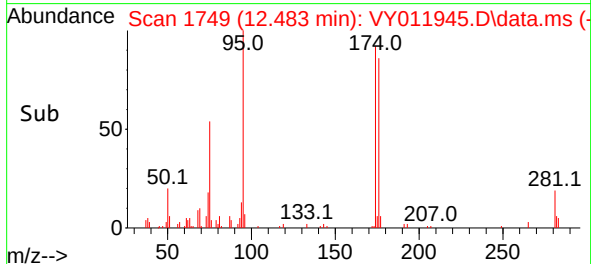
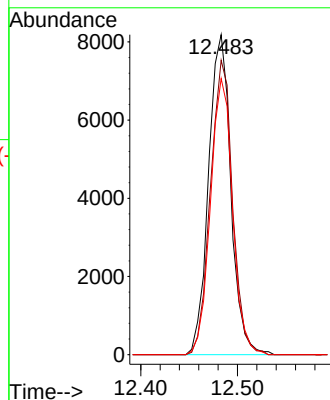
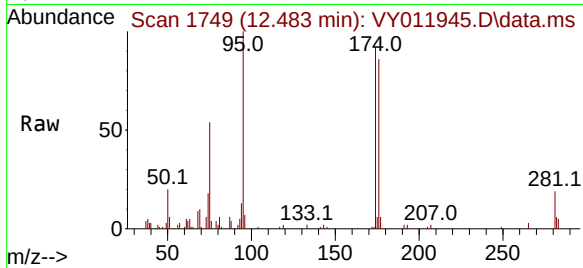




#62  
4-Bromofluorobenzene  
Concen: 42.038 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY011945.D  
Acq: 21 Dec 2022 14:36

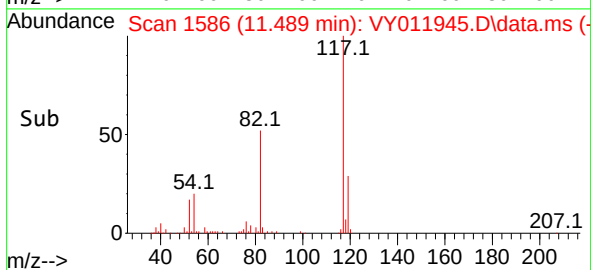
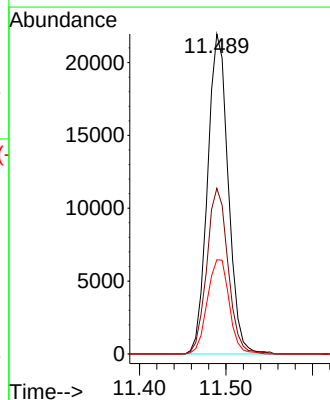
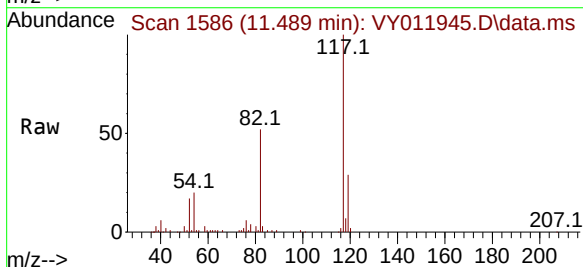
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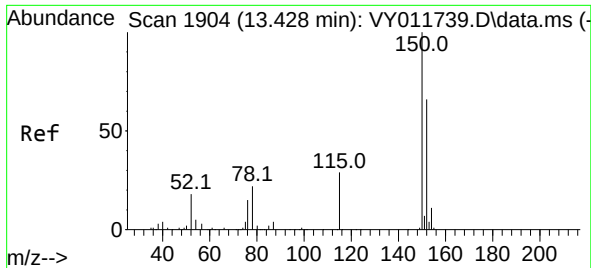
Tgt Ion: 95 Resp: 13116  
Ion Ratio Lower Upper  
95 100  
174 91.3 0.0 172.0  
176 85.5 0.0 167.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 1586  
Delta R.T. -0.000 min  
Lab File: VY011945.D  
Acq: 21 Dec 2022 14:36

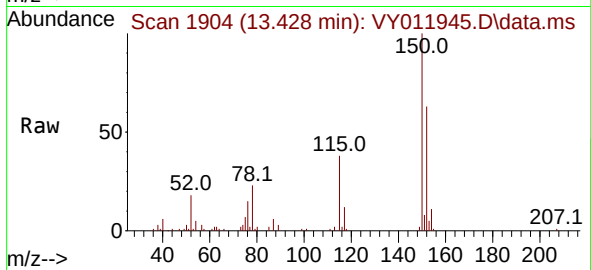
Tgt Ion: 117 Resp: 36377  
Ion Ratio Lower Upper  
117 100  
82 51.8 44.8 67.2  
119 29.5 25.4 38.2





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.428 min Scan# 1904  
 Delta R.T. -0.000 min  
 Lab File: VY011945.D  
 Acq: 21 Dec 2022 14:36

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 FVSUB-TP6-COMP-06



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 13437 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 115       | 58.1  | 29.1  | 87.3  |
| 150       | 158.8 | 0.0   | 342.6 |

