

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY111523\  
 Data File : VY016372.D  
 Acq On : 15 Nov 2023 17:31  
 Operator : SY/MD  
 Sample : 05432-11  
 Misc : 5.05g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TP-8-VOC

Quant Time: Nov 16 00:07:02 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y110823S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 09 00:45:52 2023  
 Response via : Initial Calibration

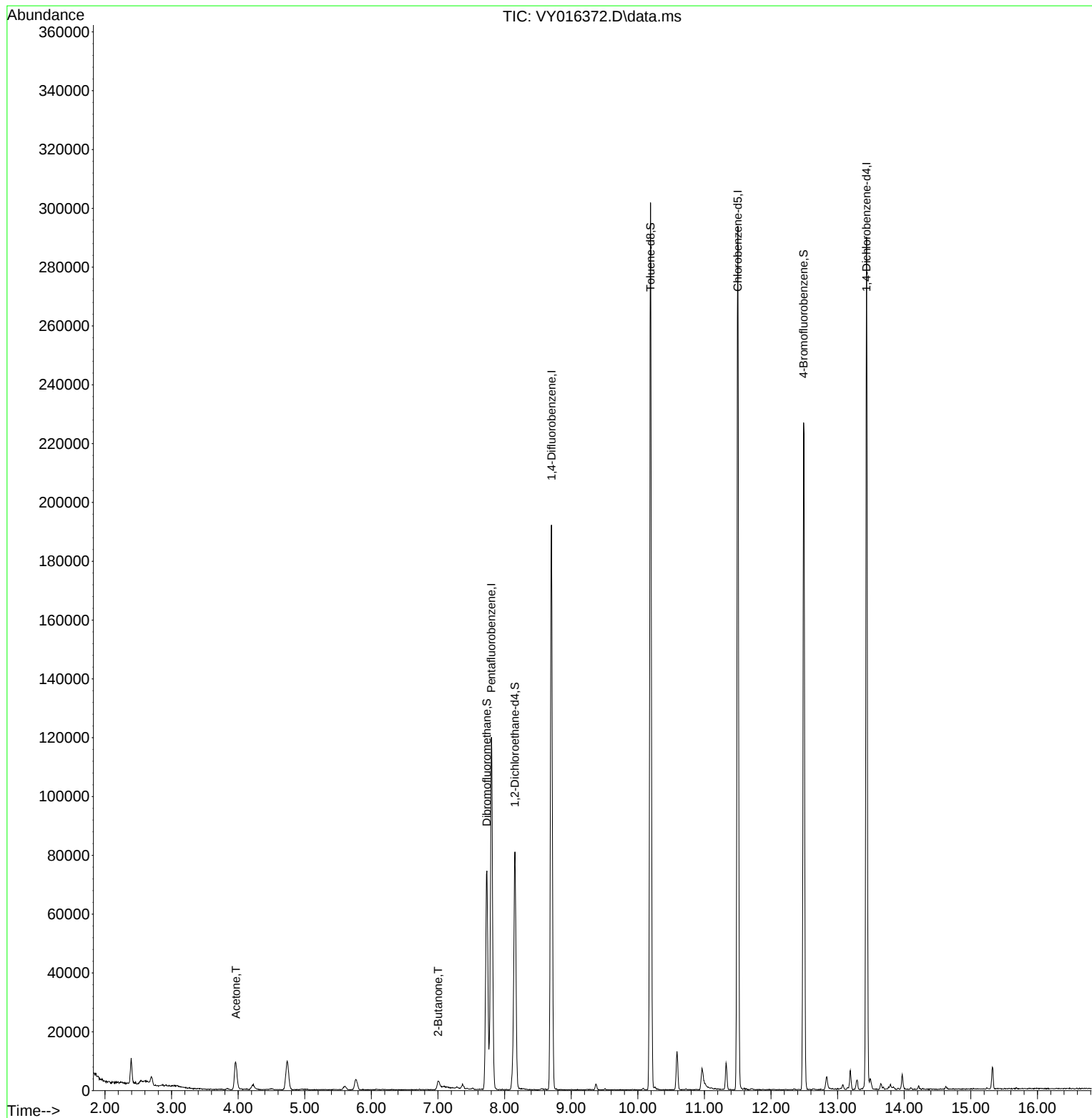
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 7.801  | 168   | 92794    | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.703  | 114   | 167898   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.502 | 117   | 162536   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.434 | 152   | 73865    | 50.000   | ug/l  | 0.00     |
|                             |        |       |          |          |       |          |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.155  | 65    | 62050    | 73.163   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 146.320% |
| 35) Dibromofluoromethane    | 7.734  | 113   | 53327    | 55.912   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 111.820% |
| 50) Toluene-d8              | 10.191 | 98    | 198132   | 51.227   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =     | 102.460% |
| 62) 4-Bromofluorobenzene    | 12.489 | 95    | 68115    | 54.224   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =     | 108.440% |
|                             |        |       |          |          |       |          |
| Target Compounds            |        |       |          |          |       |          |
| 16) Acetone                 | 3.966  | 43    | 16642    | 118.629  | ug/l  | 95       |
| 25) 2-Butanone              | 7.003  | 43    | 5027     | 20.458   | ug/l  | 98       |
| -----                       |        |       |          |          |       |          |

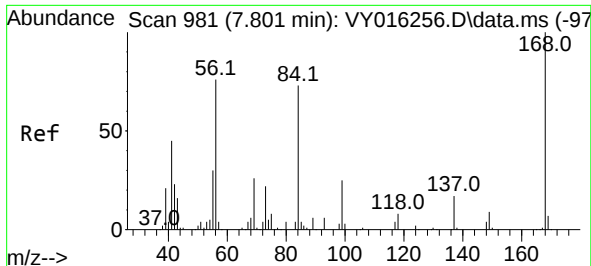
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
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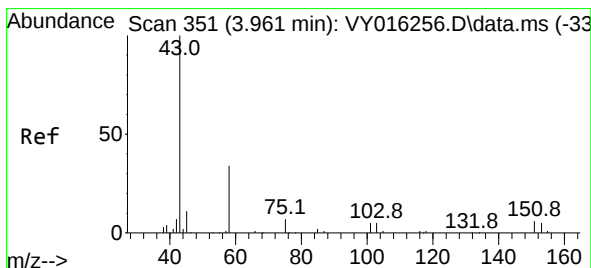
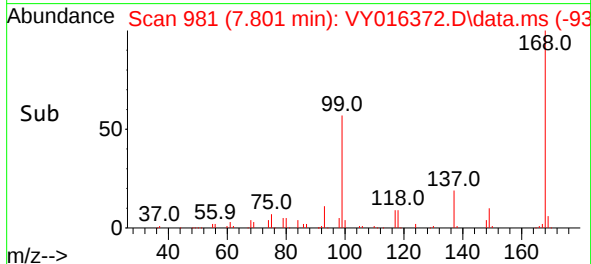
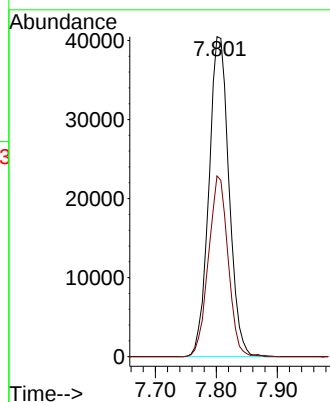
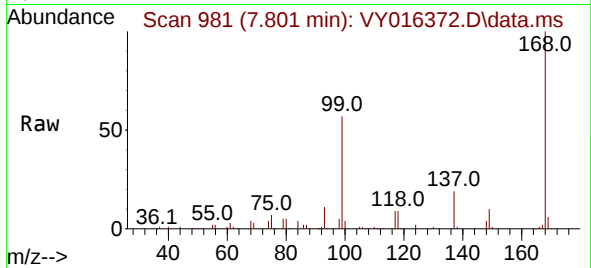




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.801 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY016372.D  
Acq: 15 Nov 2023 17:31

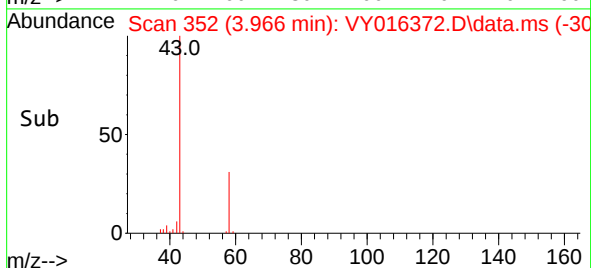
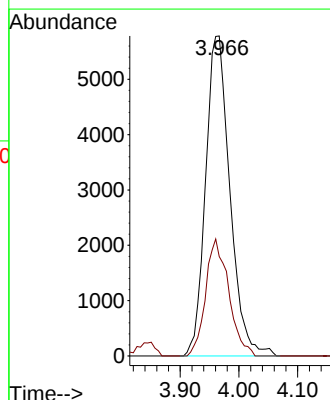
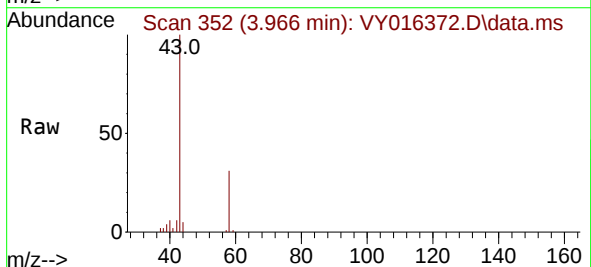
Instrument :  
MSVOA\_Y  
ClientSampleId :  
TP-8-VOC

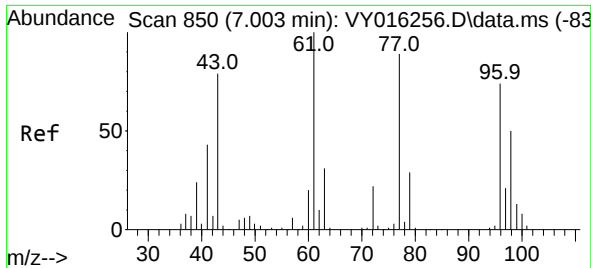
Tgt Ion:168 Resp: 92794  
Ion Ratio Lower Upper  
168 100  
99 56.5 43.4 65.0



#16  
Acetone  
Concen: 118.629 ug/l  
RT: 3.966 min Scan# 352  
Delta R.T. 0.006 min  
Lab File: VY016372.D  
Acq: 15 Nov 2023 17:31

Tgt Ion: 43 Resp: 16642  
Ion Ratio Lower Upper  
43 100  
58 31.1 22.7 34.1

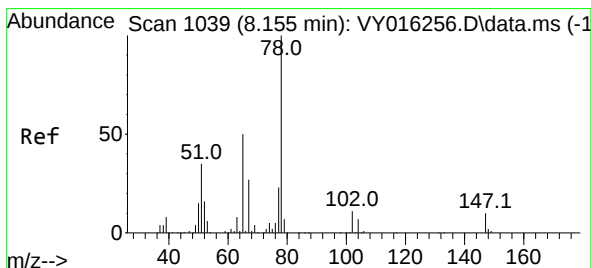
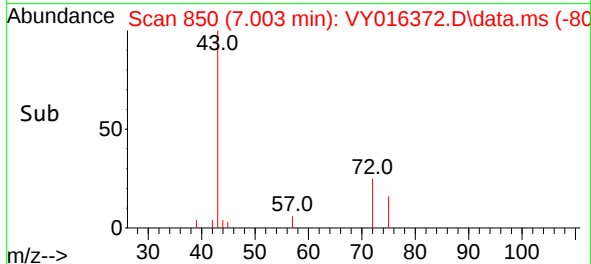
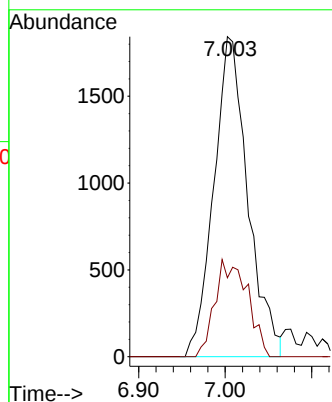
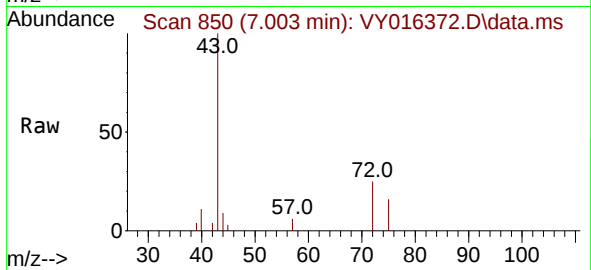




#25  
2-Butanone  
Concen: 20.458 ug/l  
RT: 7.003 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: VY016372.D  
Acq: 15 Nov 2023 17:31

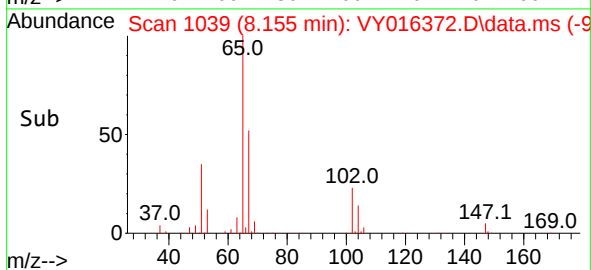
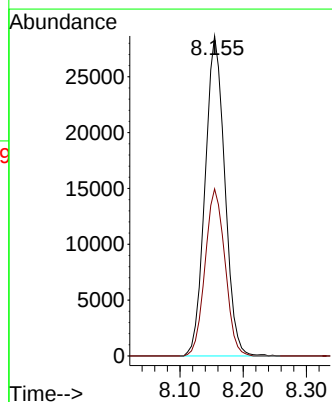
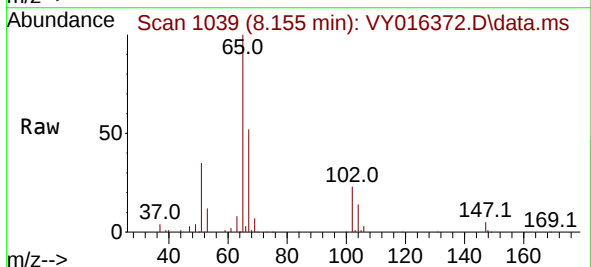
Instrument :  
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TP-8-VOC

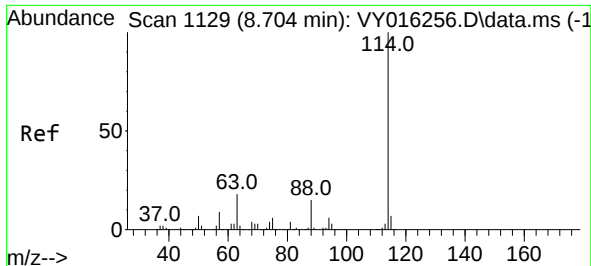
Tgt Ion: 43 Resp: 5027  
Ion Ratio Lower Upper  
43 100  
72 24.7 20.5 30.7



#33  
1,2-Dichloroethane-d4  
Concen: 73.163 ug/l  
RT: 8.155 min Scan# 1039  
Delta R.T. -0.000 min  
Lab File: VY016372.D  
Acq: 15 Nov 2023 17:31

Tgt Ion: 65 Resp: 62050  
Ion Ratio Lower Upper  
65 100  
67 52.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016372.D

Acq: 15 Nov 2023 17:31

Instrument :

MSVOA\_Y

ClientSampleId :

TP-8-VOC

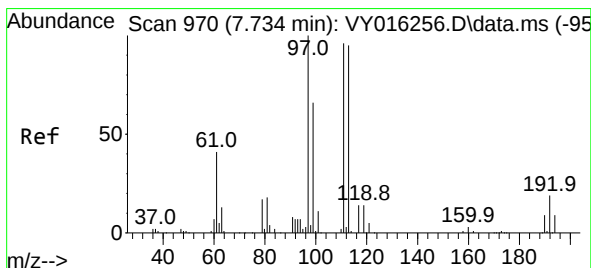
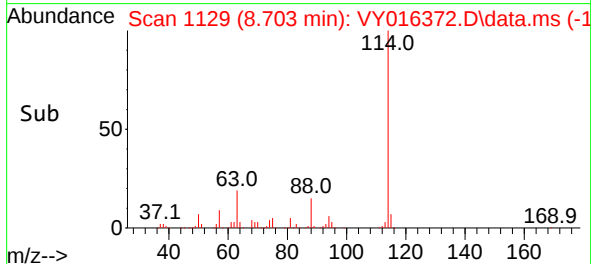
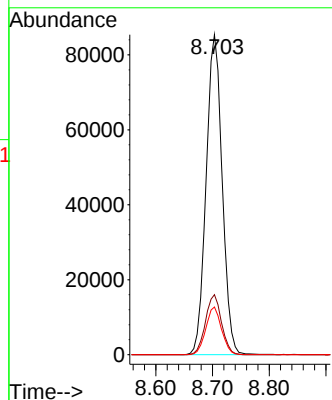
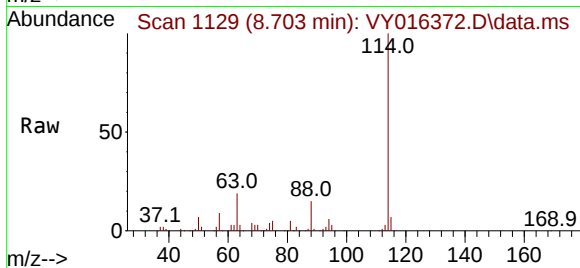
Tgt Ion:114 Resp: 167898

Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.912 ug/l

RT: 7.734 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY016372.D

Acq: 15 Nov 2023 17:31

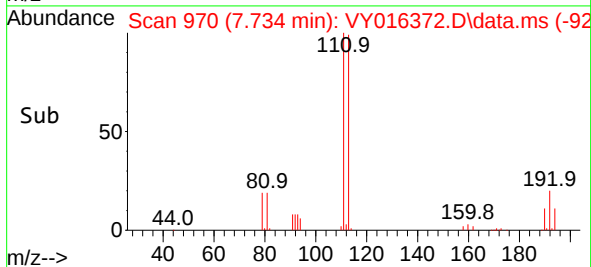
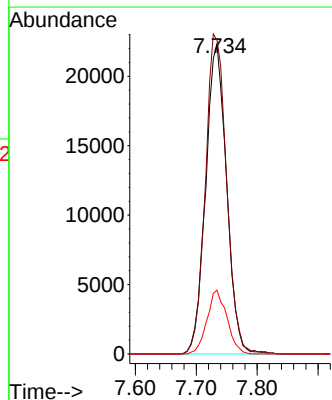
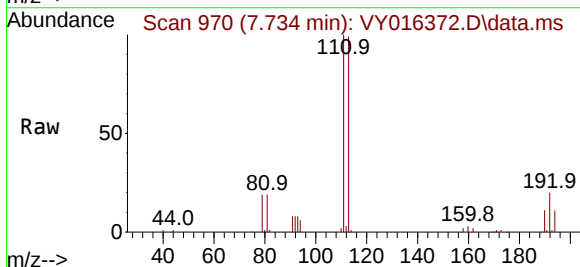
Tgt Ion:113 Resp: 53327

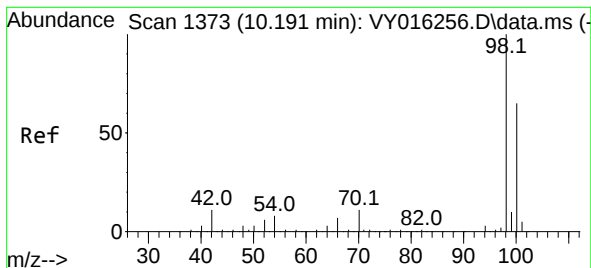
Ion Ratio Lower Upper

113 100

111 104.2 81.3 121.9

192 19.6 16.9 25.3

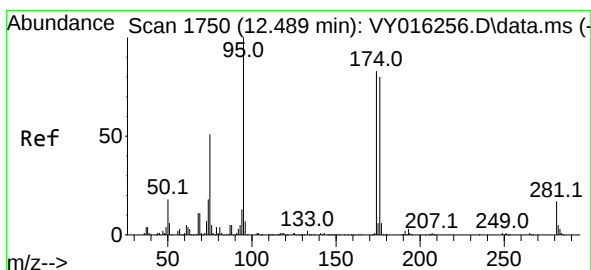
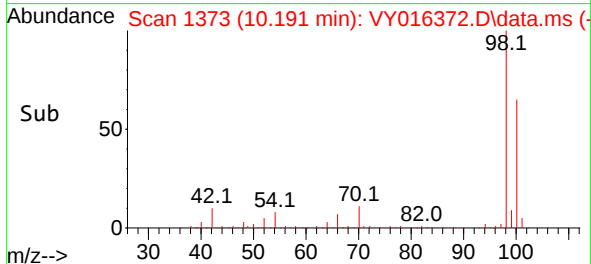
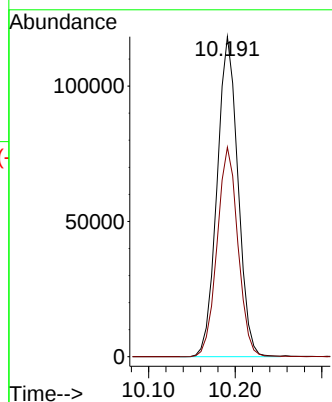
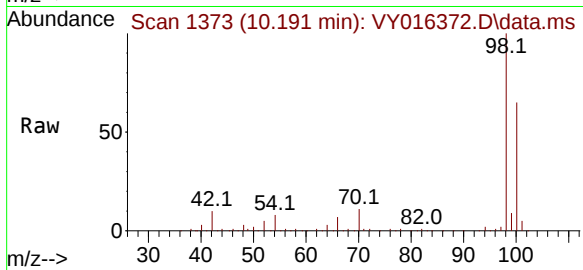




#50  
Toluene-d8  
Concen: 51.227 ug/l  
RT: 10.191 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY016372.D  
Acq: 15 Nov 2023 17:31

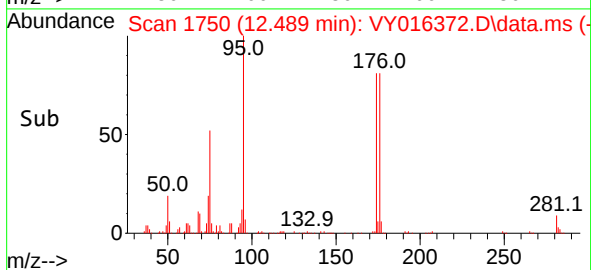
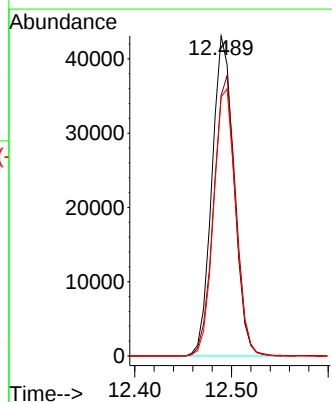
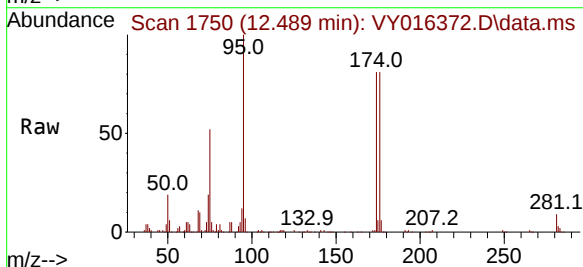
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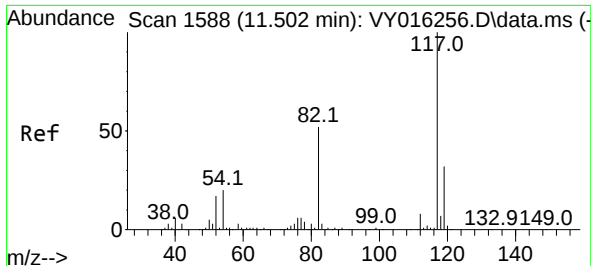
Tgt Ion: 98 Resp: 198132  
Ion Ratio Lower Upper  
98 100  
100 65.3 50.1 75.1



#62  
4-Bromofluorobenzene  
Concen: 54.224 ug/l  
RT: 12.489 min Scan# 1750  
Delta R.T. -0.000 min  
Lab File: VY016372.D  
Acq: 15 Nov 2023 17:31

Tgt Ion: 95 Resp: 68115  
Ion Ratio Lower Upper  
95 100  
174 87.8 0.0 178.2  
176 84.0 0.0 173.8

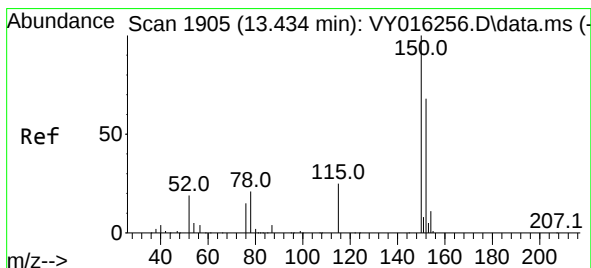
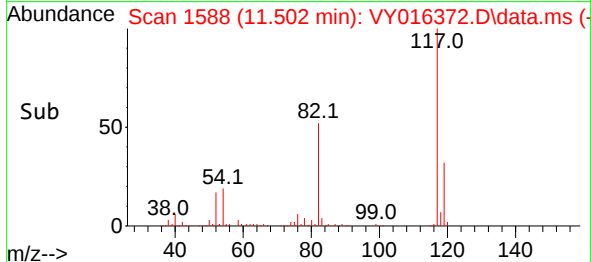
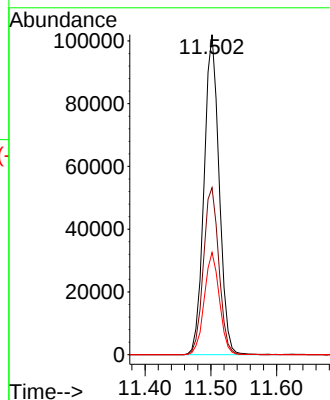
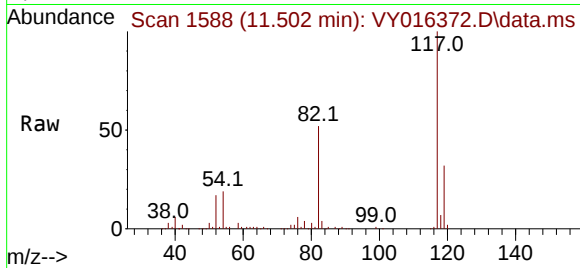




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.502 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY016372.D  
Acq: 15 Nov 2023 17:31

Instrument :  
MSVOA\_Y  
ClientSampleId :  
TP-8-VOC

Tgt Ion:117 Resp: 162536  
Ion Ratio Lower Upper  
117 100  
82 52.2 43.4 65.0  
119 31.9 26.3 39.5



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.434 min Scan# 1905  
Delta R.T. -0.000 min  
Lab File: VY016372.D  
Acq: 15 Nov 2023 17:31

Tgt Ion:152 Resp: 73865  
Ion Ratio Lower Upper  
152 100  
115 59.5 28.8 86.5  
150 159.0 0.0 348.8

