

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY082924\  
 Data File : VY019382.D  
 Acq On : 29 Aug 2024 20:37  
 Operator : SY/MD  
 Sample : P3735-08RE  
 Misc : 5.62g/5.0mL/MSVOA\_Y/SOIL/B  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 WC-13-VOCRE

Quant Time: Aug 30 04:49:59 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y082924S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 30 02:45:30 2024  
 Response via : Initial Calibration

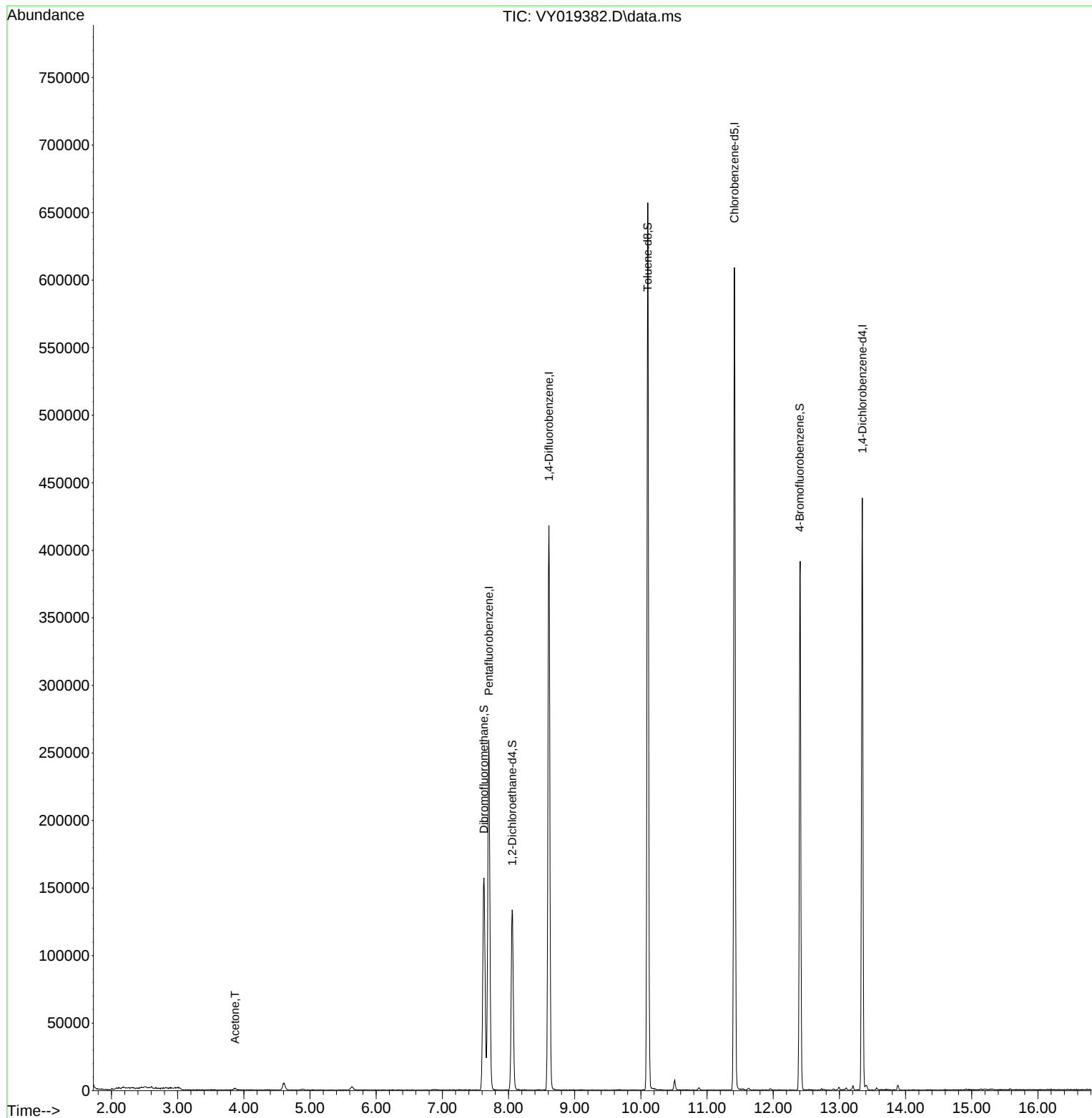
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)    |
|-----------------------------|--------|-------|----------|----------|-------|-------------|
| -----                       |        |       |          |          |       |             |
| Internal Standards          |        |       |          |          |       |             |
| 1) Pentafluorobenzene       | 7.701  | 168   | 201651   | 50.000   | ug/l  | 0.00        |
| 34) 1,4-Difluorobenzene     | 8.610  | 114   | 364404   | 50.000   | ug/l  | 0.00        |
| 63) Chlorobenzene-d5        | 11.414 | 117   | 327819   | 50.000   | ug/l  | 0.00        |
| 72) 1,4-Dichlorobenzene-d4  | 13.347 | 152   | 108704   | 50.000   | ug/l  | 0.00        |
| System Monitoring Compounds |        |       |          |          |       |             |
| 33) 1,2-Dichloroethane-d4   | 8.055  | 65    | 107508   | 56.287   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 112.580%    |
| 35) Dibromofluoromethane    | 7.628  | 113   | 111659   | 48.465   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 96.940%     |
| 50) Toluene-d8              | 10.103 | 98    | 404131   | 47.651   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =     | 95.300%     |
| 62) 4-Bromofluorobenzene    | 12.402 | 95    | 114342   | 41.683   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 29 - 146 | Recovery | =     | 83.360%     |
| Target Compounds            |        |       |          |          |       |             |
| 16) Acetone                 | 3.867  | 43    | 2116     | 5.633    | ug/l  | Qvalue # 79 |
| -----                       |        |       |          |          |       |             |

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

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MSVOA\_Y  
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WC-13-VOCRE

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Response via : Initial Calibration

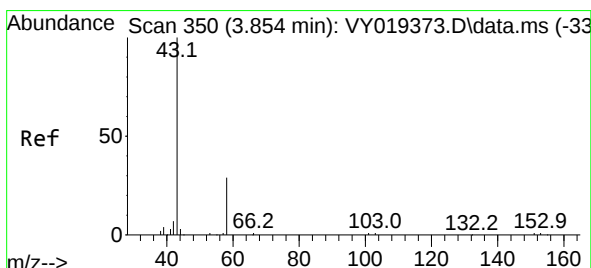
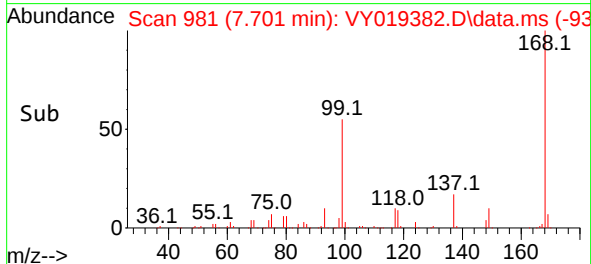
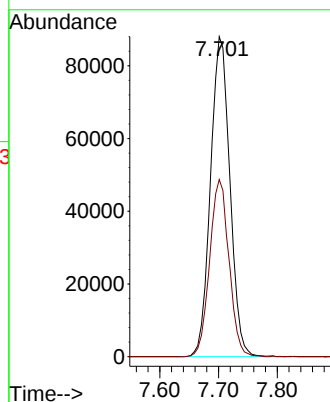
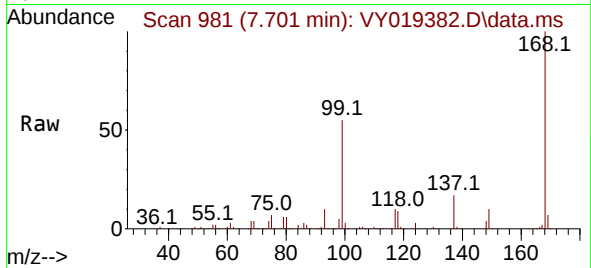




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.701 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: VY019382.D  
Acq: 29 Aug 2024 20:37

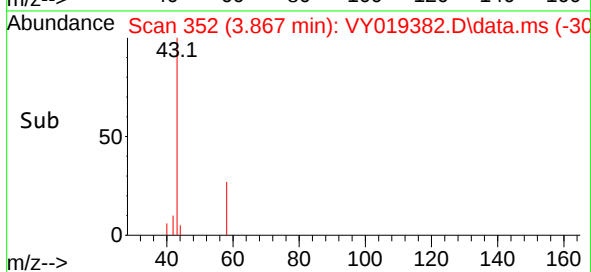
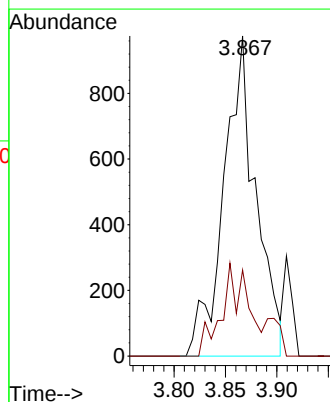
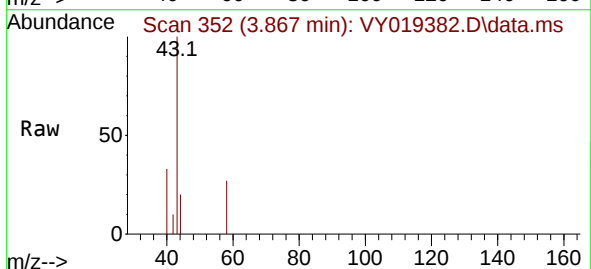
Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-13-VOCRE

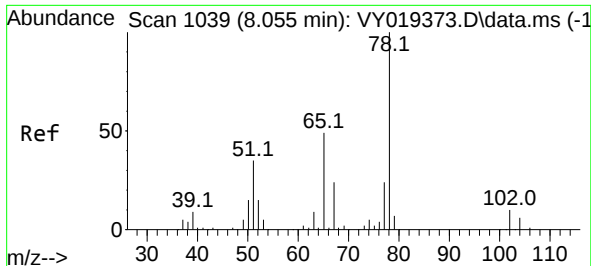
Tgt Ion:168 Resp: 201651  
Ion Ratio Lower Upper  
168 100  
99 55.3 39.1 58.7



#16  
Acetone  
Concen: 5.633 ug/l  
RT: 3.867 min Scan# 352  
Delta R.T. 0.012 min  
Lab File: VY019382.D  
Acq: 29 Aug 2024 20:37

Tgt Ion: 43 Resp: 2116  
Ion Ratio Lower Upper  
43 100  
58 26.9 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 56.287 ug/l

RT: 8.055 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY019382.D

Acq: 29 Aug 2024 20:37

Instrument :

MSVOA\_Y

ClientSampleId :

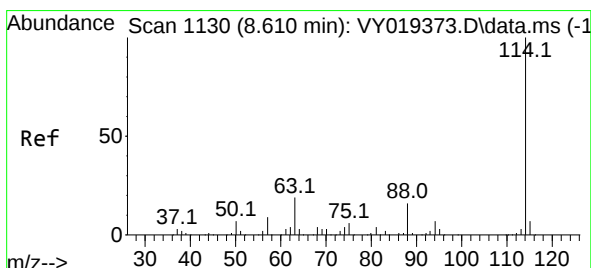
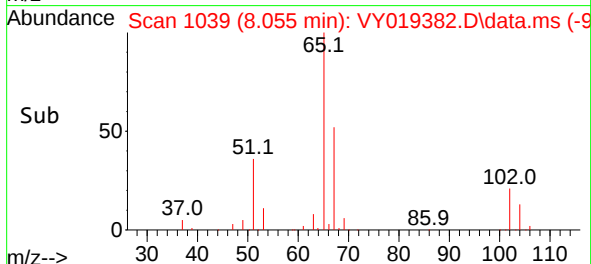
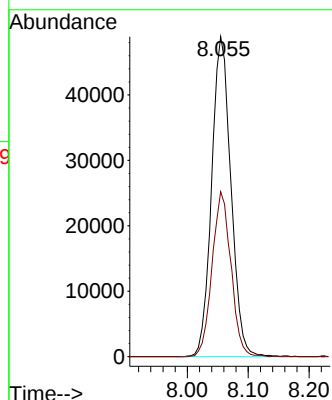
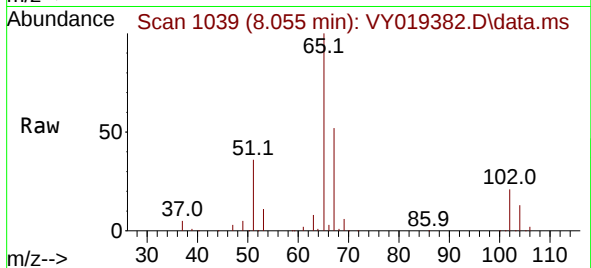
WC-13-VOCRE

Tgt Ion: 65 Resp: 107508

Ion Ratio Lower Upper

65 100

67 50.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY019382.D

Acq: 29 Aug 2024 20:37

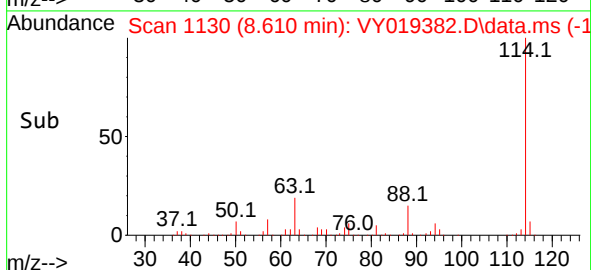
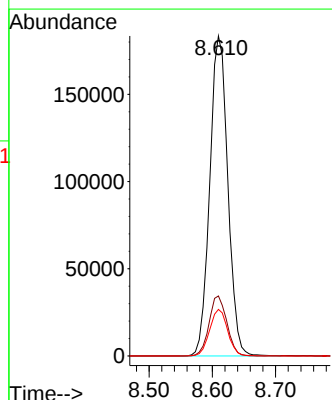
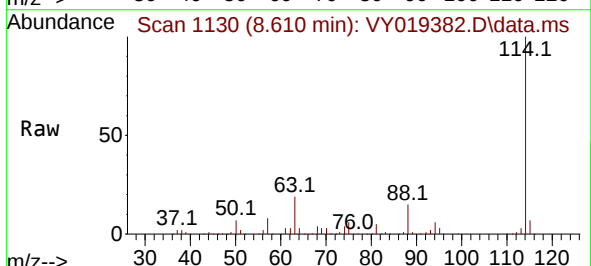
Tgt Ion: 114 Resp: 364404

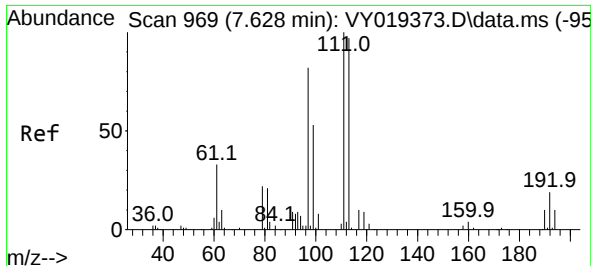
Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.0

88 14.6 0.0 27.2

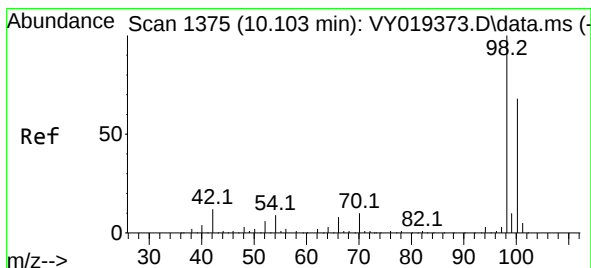
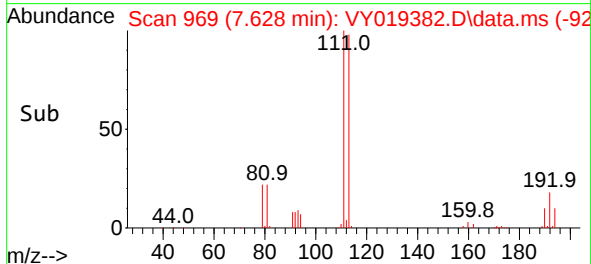
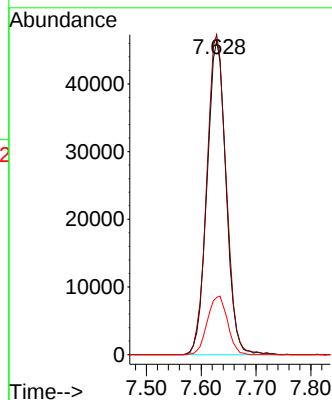
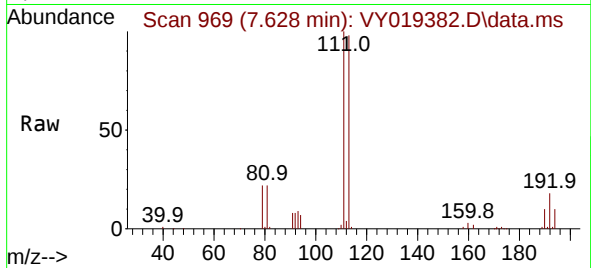




#35  
Dibromofluoromethane  
Concen: 48.465 ug/l  
RT: 7.628 min Scan# 969  
Delta R.T. 0.000 min  
Lab File: VY019382.D  
Acq: 29 Aug 2024 20:37

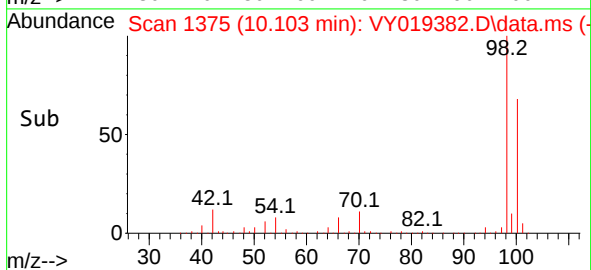
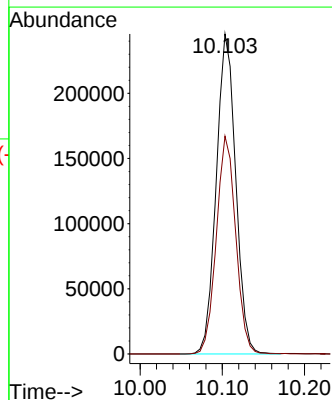
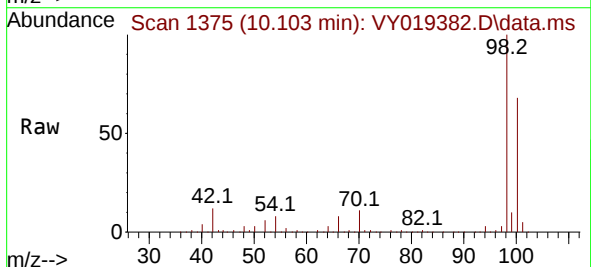
Instrument :  
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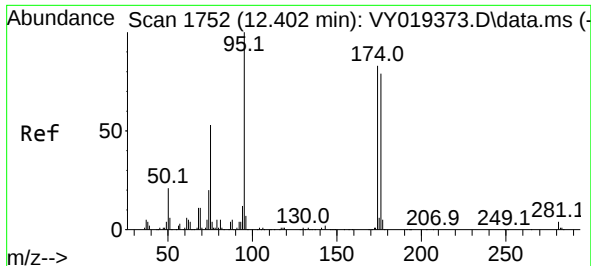
Tgt Ion:113 Resp: 111659  
Ion Ratio Lower Upper  
113 100  
111 103.3 82.2 123.4  
192 19.6 15.9 23.9



#50  
Toluene-d8  
Concen: 47.651 ug/l  
RT: 10.103 min Scan# 1375  
Delta R.T. 0.000 min  
Lab File: VY019382.D  
Acq: 29 Aug 2024 20:37

Tgt Ion: 98 Resp: 404131  
Ion Ratio Lower Upper  
98 100  
100 67.9 52.0 78.0

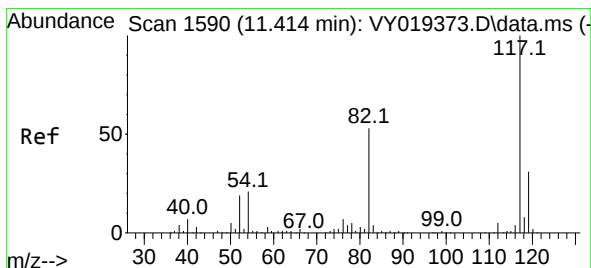
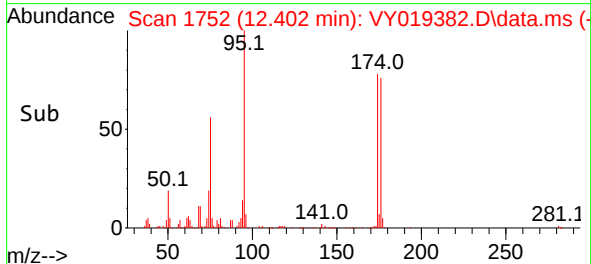
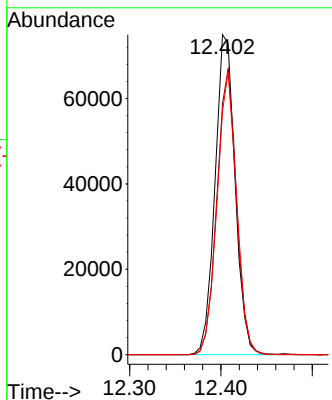
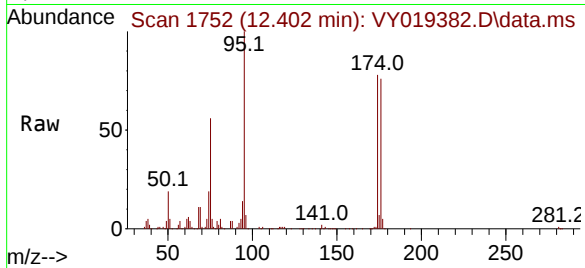




#62  
4-Bromofluorobenzene  
Concen: 41.683 ug/l  
RT: 12.402 min Scan# 1752  
Delta R.T. 0.000 min  
Lab File: VY019382.D  
Acq: 29 Aug 2024 20:37

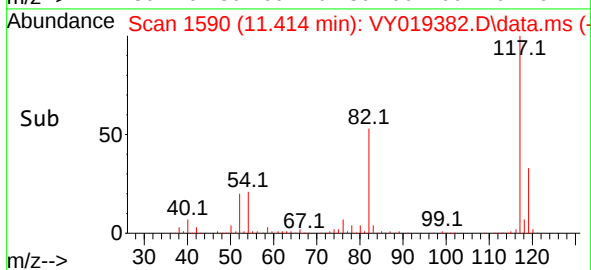
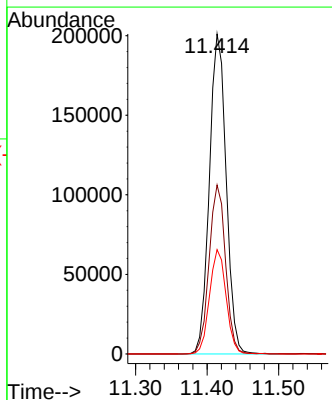
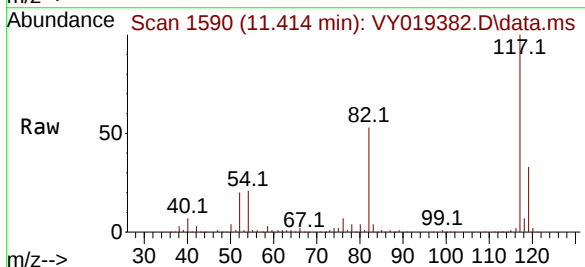
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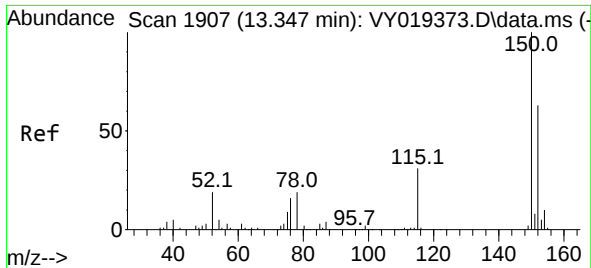
Tgt Ion: 95 Resp: 114342  
Ion Ratio Lower Upper  
95 100  
174 87.4 0.0 175.6  
176 86.0 0.0 171.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.414 min Scan# 1590  
Delta R.T. 0.000 min  
Lab File: VY019382.D  
Acq: 29 Aug 2024 20:37

Tgt Ion: 117 Resp: 327819  
Ion Ratio Lower Upper  
117 100  
82 52.8 42.4 63.6  
119 32.6 25.9 38.9





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.347 min Scan# 1907  
 Delta R.T. 0.000 min  
 Lab File: VY019382.D  
 Acq: 29 Aug 2024 20:37

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 WC-13-VOCRE

Tgt Ion:152 Resp: 108704  
 Ion Ratio Lower Upper  
 152 100  
 115 57.8 28.2 84.7  
 150 157.9 0.0 345.6

