

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011922\  
 Data File : VX026515.D  
 Acq On : 19 Jan 2022 13:38  
 Operator : JC/MD  
 Sample : N1187-04 50X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 31298

Quant Time: Jan 20 05:05:09 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011122W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 11 14:45:13 2022  
 Response via : Initial Calibration

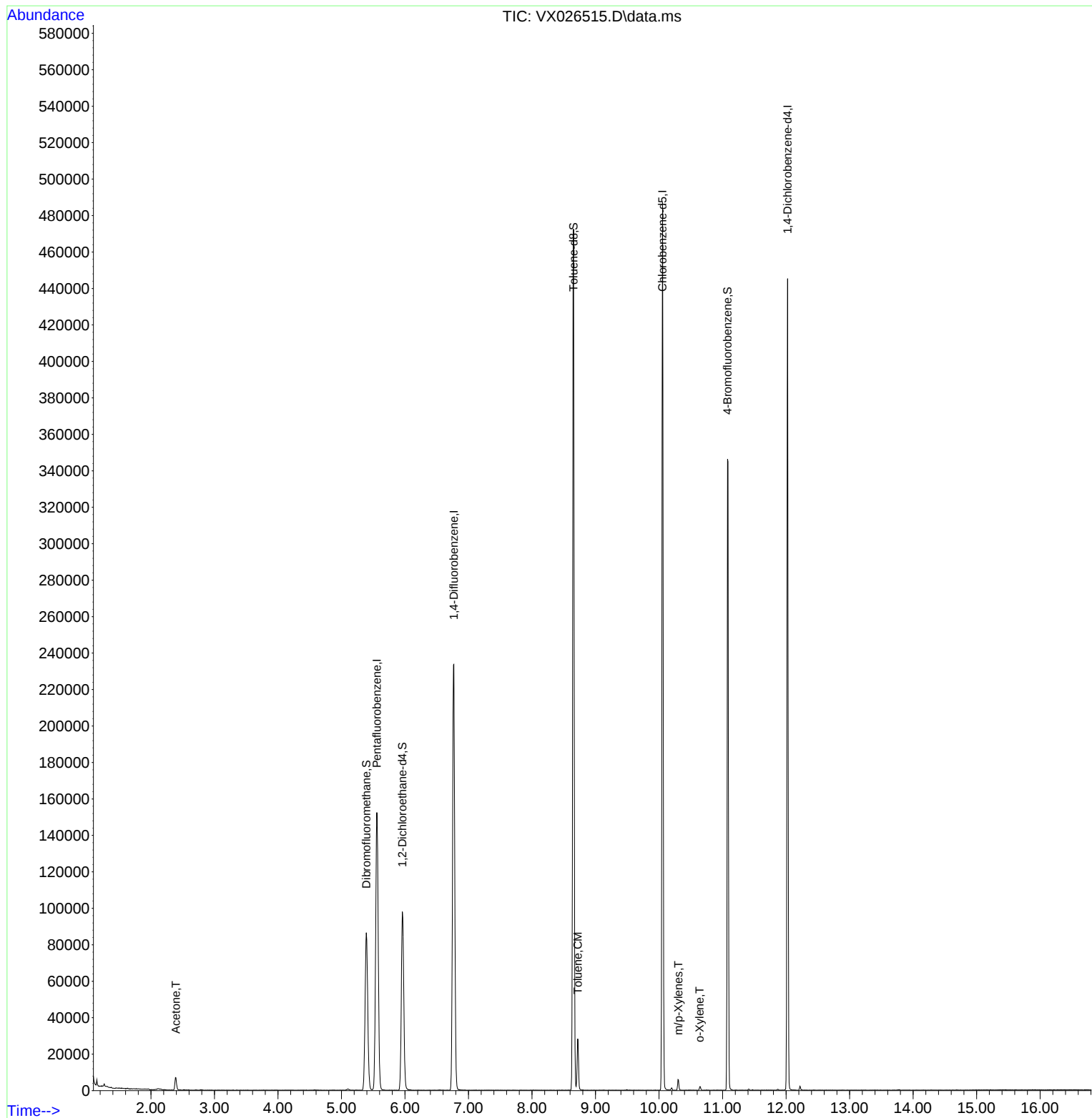
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 141317   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769  | 114   | 241612   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 207388   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 85967    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 96790    | 49.030   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 98.060%  |
| 35) Dibromofluoromethane    | 5.391  | 113   | 76602    | 49.096   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 98.200%  |
| 50) Toluene-d8              | 8.653  | 98    | 278983   | 49.619   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 99.240%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 97779    | 48.955   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 97.920%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.392  | 43    | 8232     | 8.177    | ug/l   | 100      |
| 52) Toluene                 | 8.720  | 92    | 10487    | 2.512    | ug/l   | 99       |
| 68) m/p-Xylenes             | 10.305 | 106   | 1409     | 0.474    | ug/l   | 82       |
| 69) o-Xylene                | 10.640 | 106   | 583      | 0.203    | ug/l   | 83       |
| -----                       |        |       |          |          |        |          |

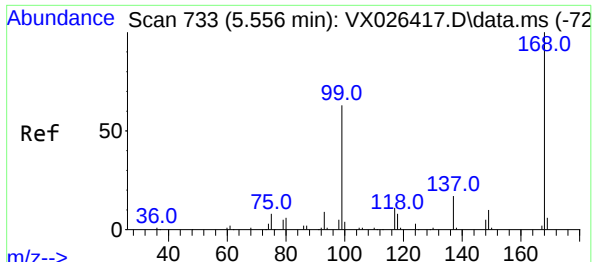
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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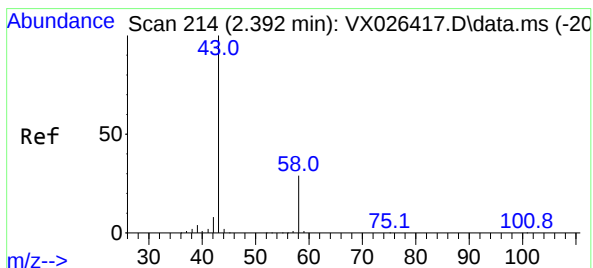
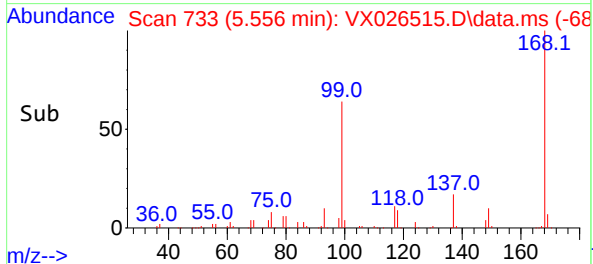
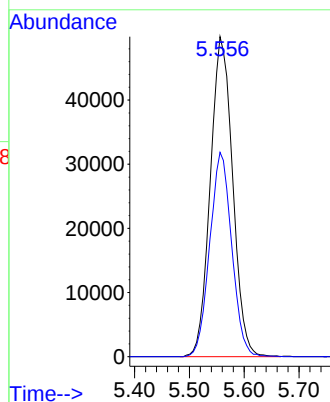
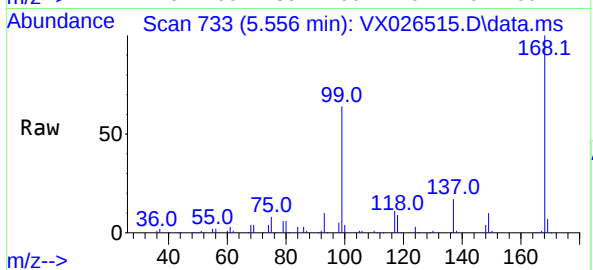




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX026515.D  
Acq: 19 Jan 2022 13:38

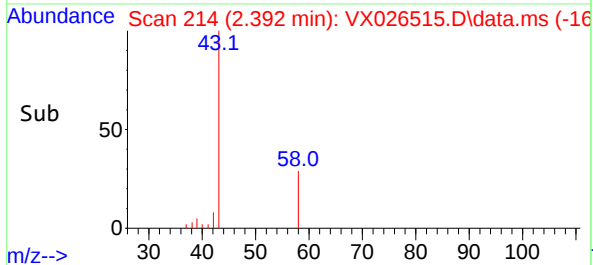
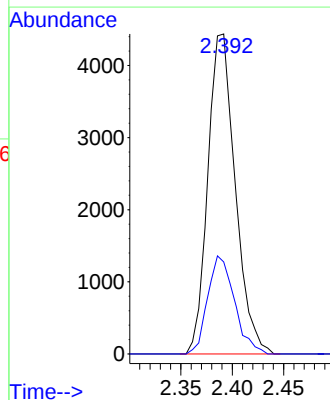
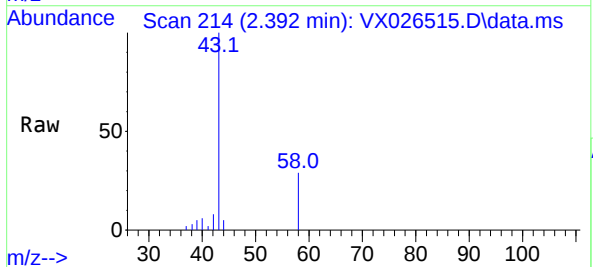
Instrument :  
MSVOA\_X  
ClientSampleId :  
31298

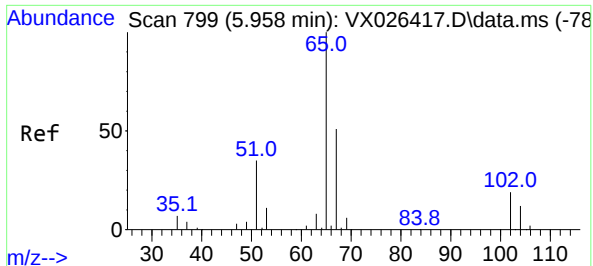
Tgt Ion:168 Resp: 141317  
Ion Ratio Lower Upper  
168 100  
99 63.9 50.3 75.5



#16  
Acetone  
Concen: 8.177 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.000 min  
Lab File: VX026515.D  
Acq: 19 Jan 2022 13:38

Tgt Ion: 43 Resp: 8232  
Ion Ratio Lower Upper  
43 100  
58 28.7 23.0 34.6





#33

1,2-Dichloroethane-d4

Concen: 49.030 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX026515.D

Acq: 19 Jan 2022 13:38

Instrument :

MSVOA\_X

ClientSampleId :

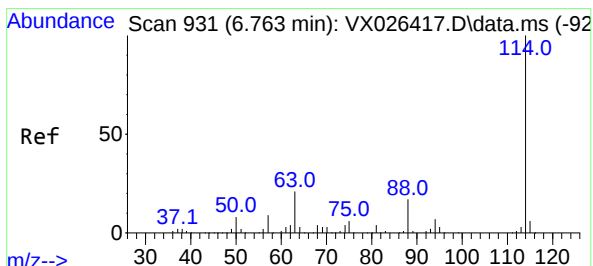
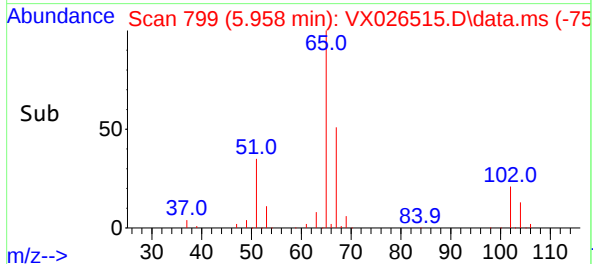
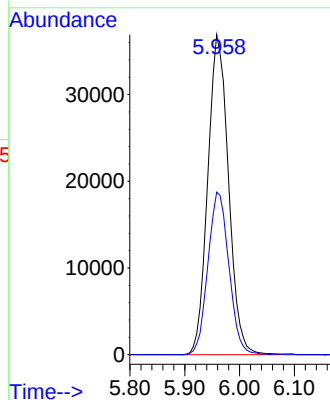
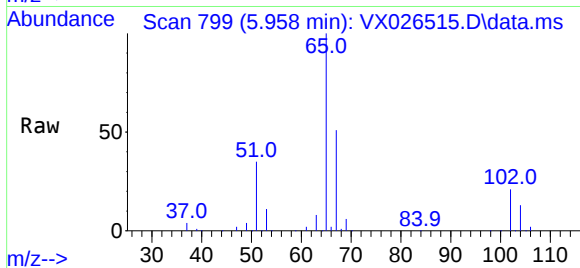
31298

Tgt Ion: 65 Resp: 96790

Ion Ratio Lower Upper

65 100

67 51.5 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX026515.D

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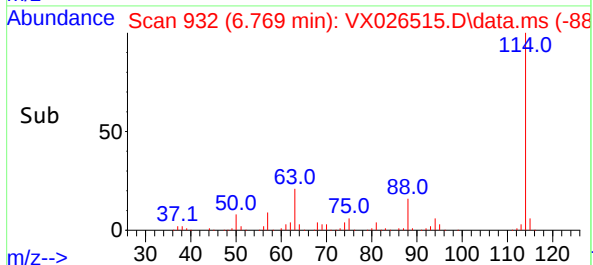
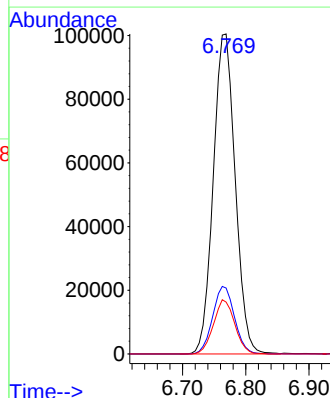
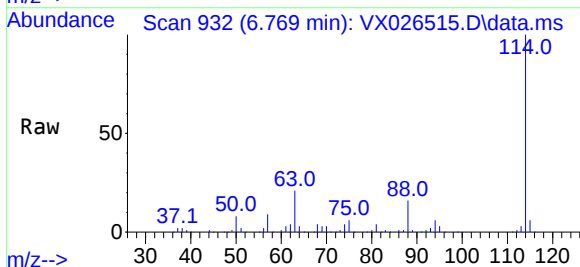
Tgt Ion: 114 Resp: 241612

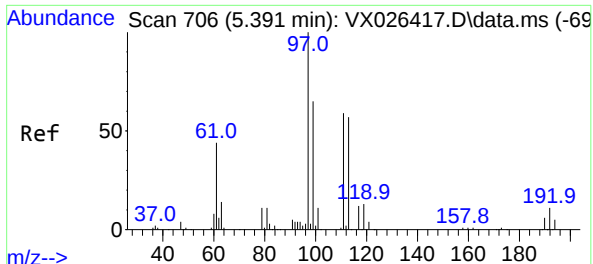
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

88 16.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.096 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX026515.D

Acq: 19 Jan 2022 13:38

Instrument :

MSVOA\_X

ClientSampleId :

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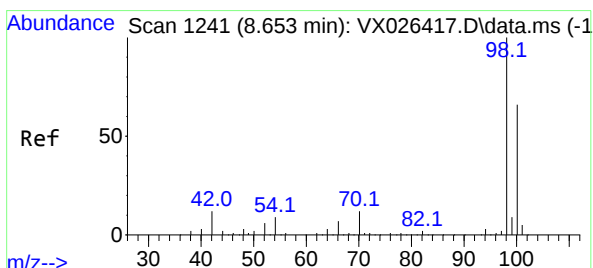
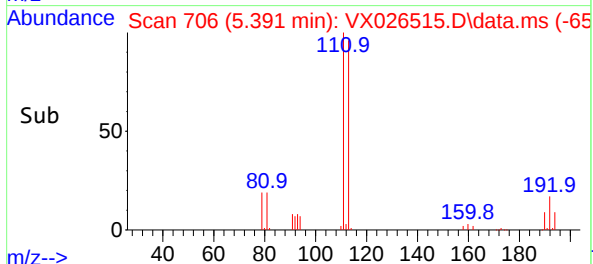
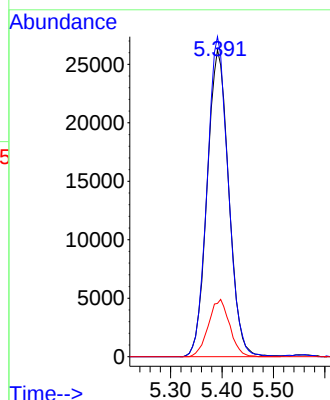
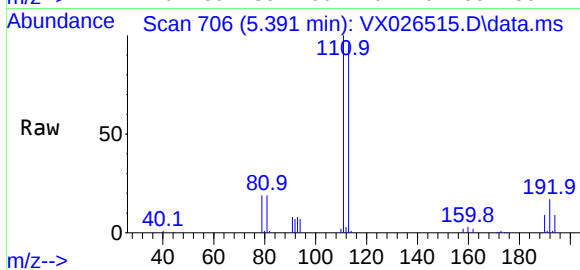
Tgt Ion:113 Resp: 76602

Ion Ratio Lower Upper

113 100

111 101.8 81.2 121.8

192 18.3 15.0 22.4



#50

Toluene-d8

Concen: 49.619 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX026515.D

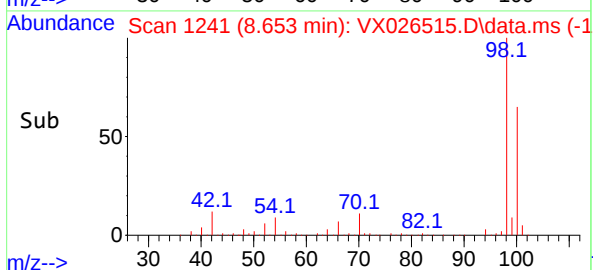
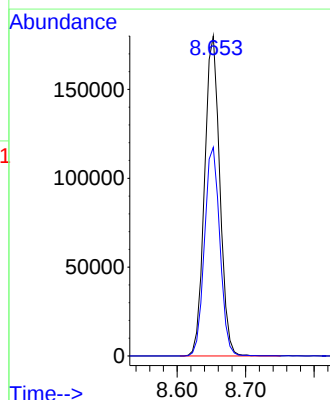
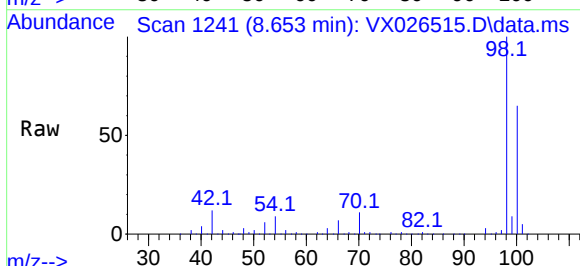
Acq: 19 Jan 2022 13:38

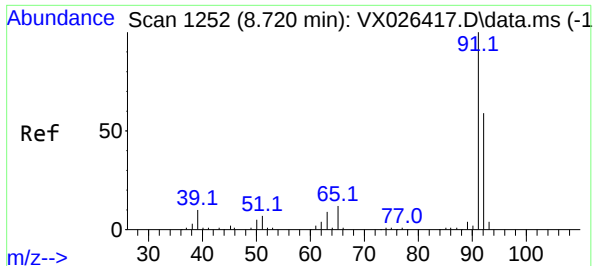
Tgt Ion: 98 Resp: 278983

Ion Ratio Lower Upper

98 100

100 65.9 53.2 79.8

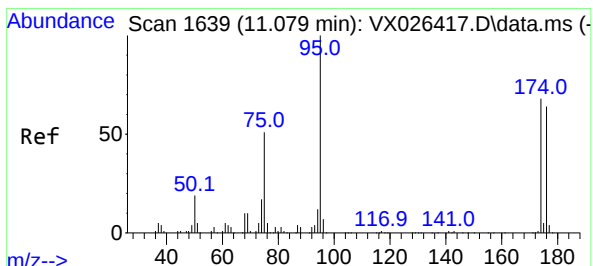
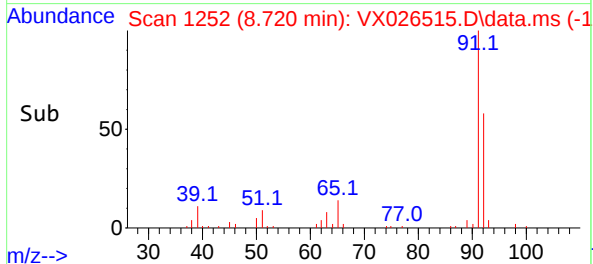
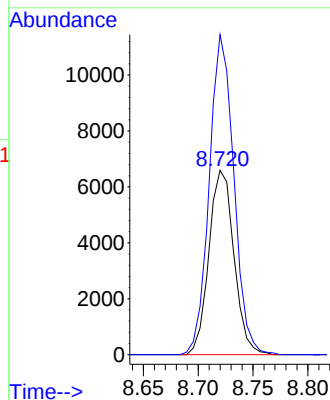
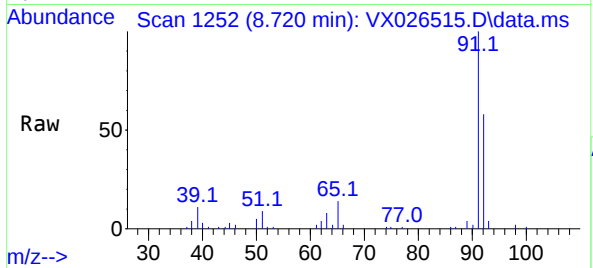




#52  
Toluene  
Concen: 2.512 ug/l  
RT: 8.720 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX026515.D  
Acq: 19 Jan 2022 13:38

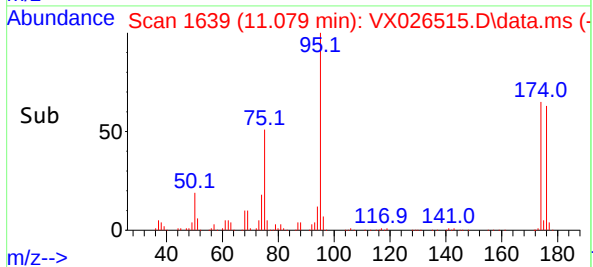
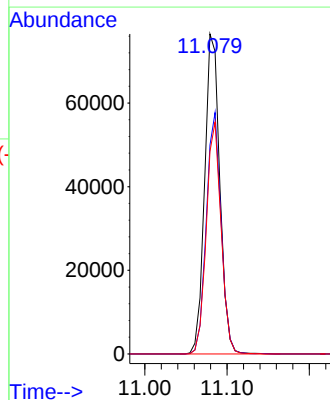
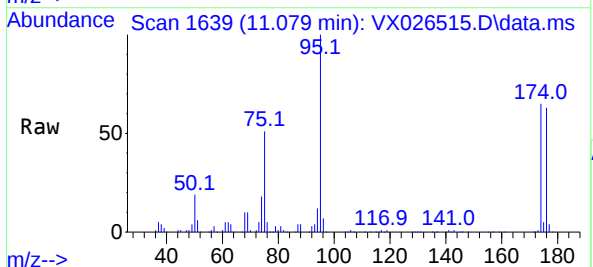
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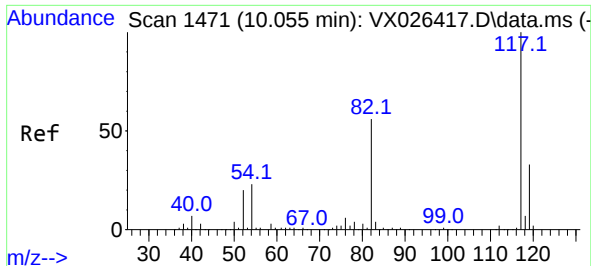
Tgt Ion: 92 Resp: 10487  
Ion Ratio Lower Upper  
92 100  
91 170.4 135.7 203.5



#62  
4-Bromofluorobenzene  
Concen: 48.955 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX026515.D  
Acq: 19 Jan 2022 13:38

Tgt Ion: 95 Resp: 97779  
Ion Ratio Lower Upper  
95 100  
174 73.8 0.0 148.6  
176 70.9 0.0 141.4

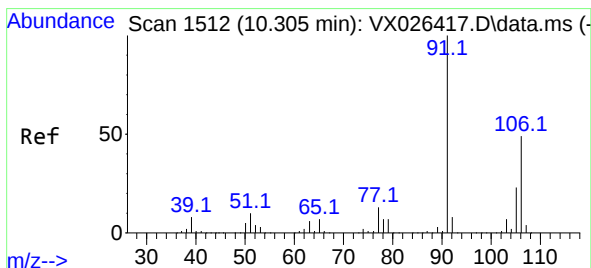
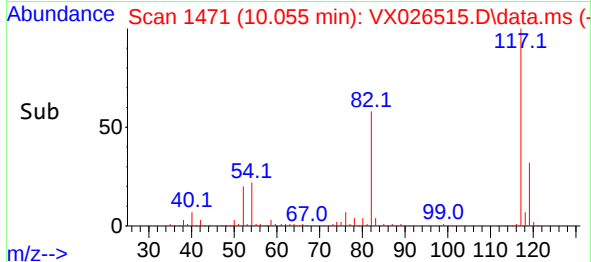
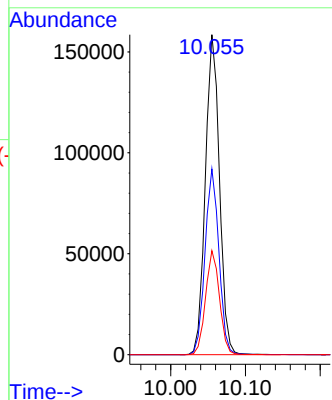
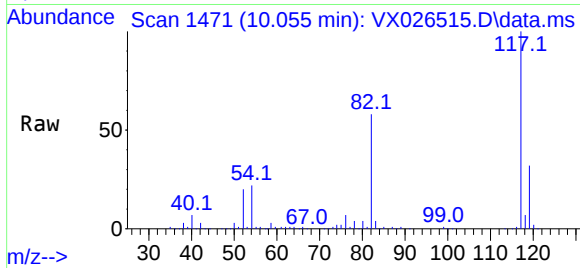




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX026515.D  
Acq: 19 Jan 2022 13:38

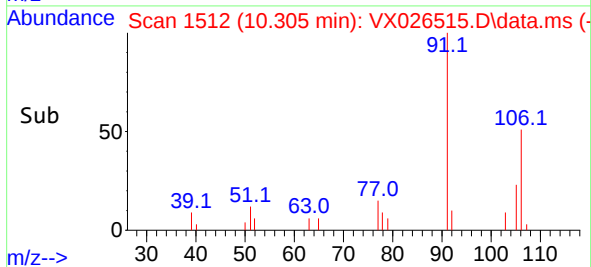
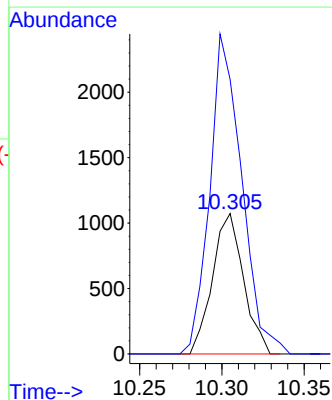
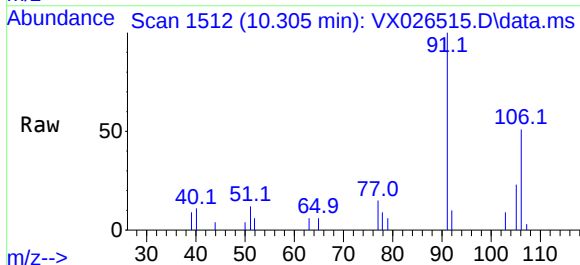
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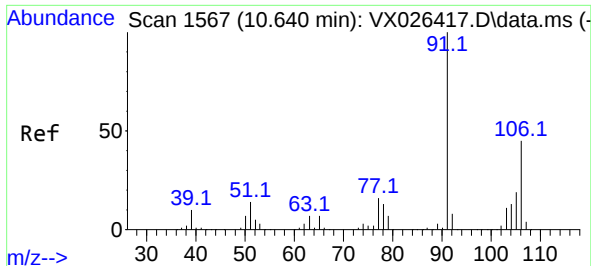
Tgt Ion:117 Resp: 207388  
Ion Ratio Lower Upper  
117 100  
82 58.0 45.2 67.8  
119 32.5 26.2 39.2



#68  
m/p-Xylenes  
Concen: 0.474 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. -0.000 min  
Lab File: VX026515.D  
Acq: 19 Jan 2022 13:38

Tgt Ion:106 Resp: 1409  
Ion Ratio Lower Upper  
106 100  
91 234.1 165.3 247.9

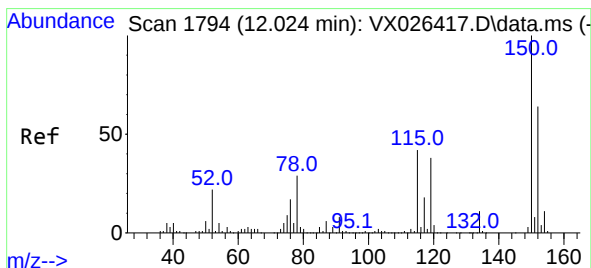
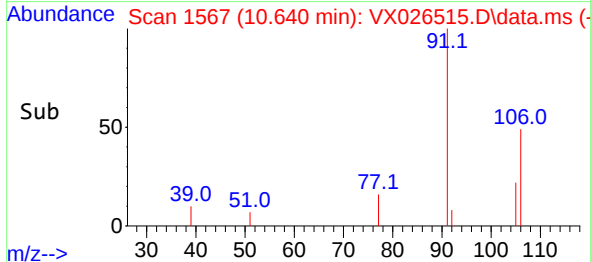
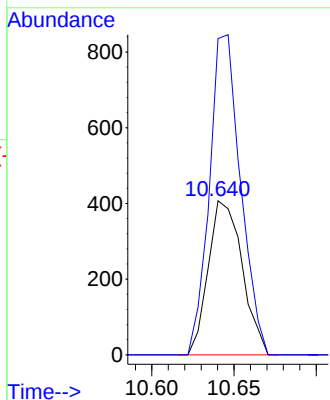
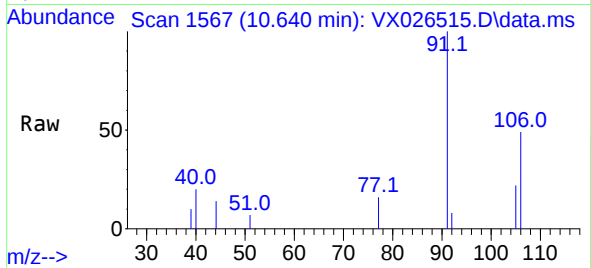




#69  
o-Xylene  
Concen: 0.203 ug/l  
RT: 10.640 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX026515.D  
Acq: 19 Jan 2022 13:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
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Tgt Ion:106 Resp: 583  
Ion Ratio Lower Upper  
106 100  
91 191.8 109.7 329.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX026515.D  
Acq: 19 Jan 2022 13:38

Tgt Ion:152 Resp: 85967  
Ion Ratio Lower Upper  
152 100  
115 61.9 44.2 132.6  
150 158.2 0.0 348.2

