

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX013124\  
 Data File : VX040046.D  
 Acq On : 31 Jan 2024 14:21  
 Operator : JC/MD  
 Sample : P1282-01 50X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 1240

Quant Time: Feb 01 04:22:11 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X013024W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 31 07:12:04 2024  
 Response via : Initial Calibration

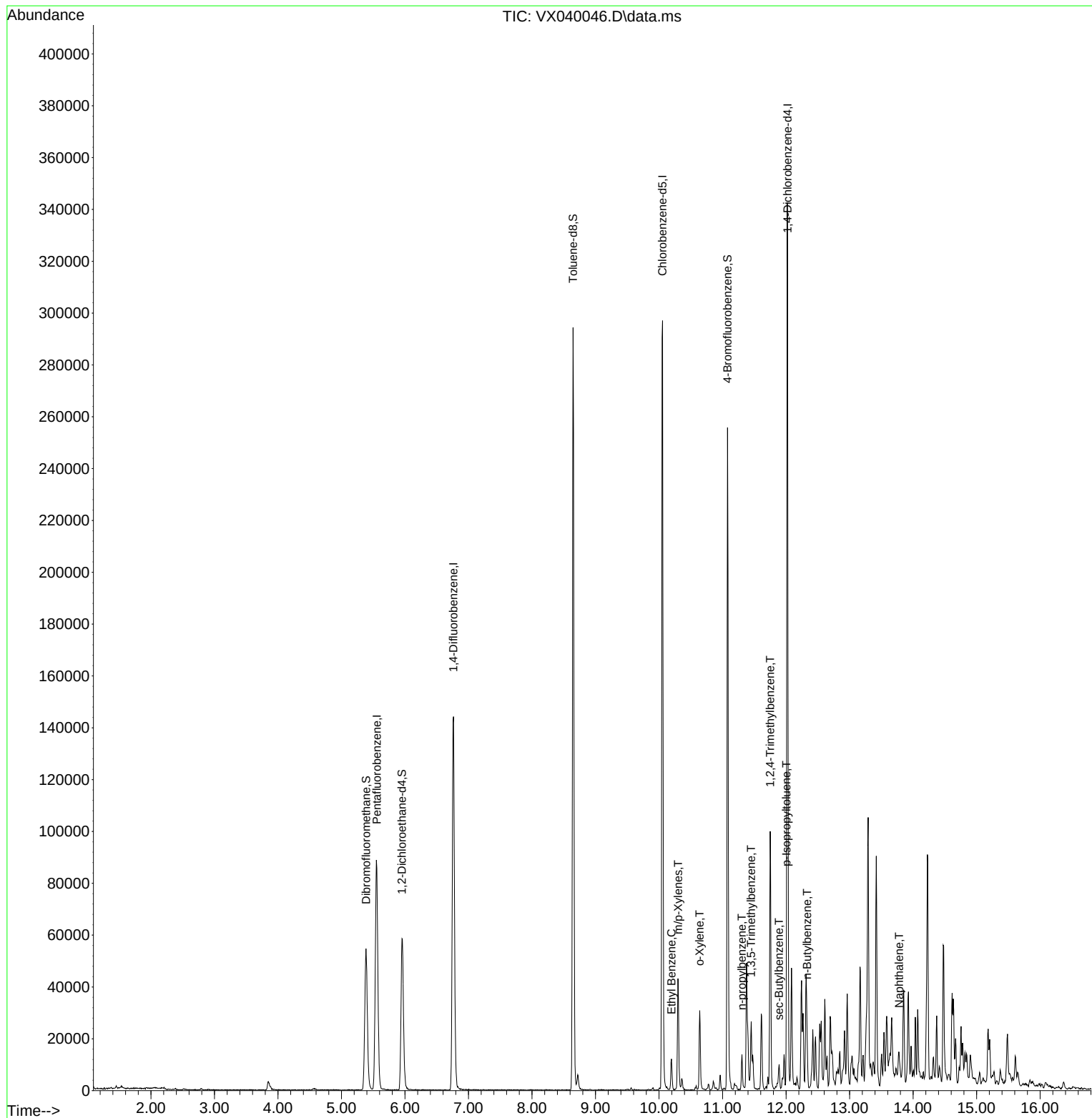
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 78857    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 142966   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 132146   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 65522    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 56437    | 44.470   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 88.940%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 46264    | 47.537   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 95.080%  |
| 50) Toluene-d8              | 8.647  | 98    | 169132   | 46.470   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 92.940%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 65630    | 46.831   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 93.660%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 67) Ethyl Benzene           | 10.195 | 91    | 7031     | 1.435    | ug/l   | 93       |
| 68) m/p-Xylenes             | 10.299 | 106   | 9481     | 5.142    | ug/l   | 95       |
| 69) o-Xylene                | 10.640 | 106   | 6738     | 3.853    | ug/l   | 93       |
| 78) n-propylbenzene         | 11.305 | 91    | 8171     | 1.411    | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene  | 11.451 | 105   | 10355    | 2.560    | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene  | 11.750 | 105   | 43065    | 10.671   | ug/l   | 99       |
| 85) sec-Butylbenzene        | 11.890 | 105   | 4399     | 0.858    | ug/l   | 87       |
| 86) p-Isopropyltoluene      | 12.006 | 119   | 2690     | 0.642    | ug/l   | 93       |
| 89) n-Butylbenzene          | 12.329 | 91    | 8466     | 2.083    | ug/l # | 51       |
| 95) Naphthalene             | 13.780 | 128   | 7130     | 1.591    | ug/l # | 94       |
| -----                       |        |       |          |          |        |          |

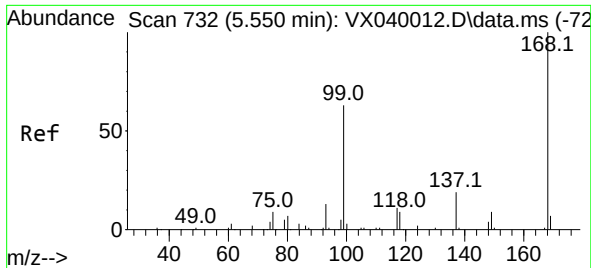
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX013124\  
Data File : VX040046.D  
Acq On : 31 Jan 2024 14:21  
Operator : JC/MD  
Sample : P1282-01 50X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
1240

Quant Time: Feb 01 04:22:11 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X013024W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jan 31 07:12:04 2024  
Response via : Initial Calibration

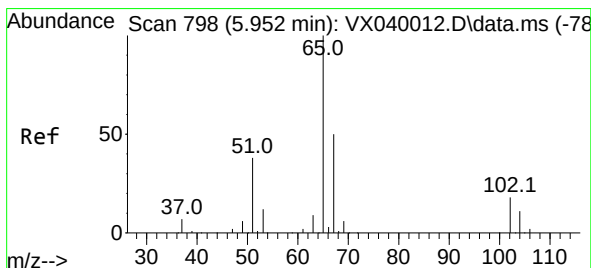
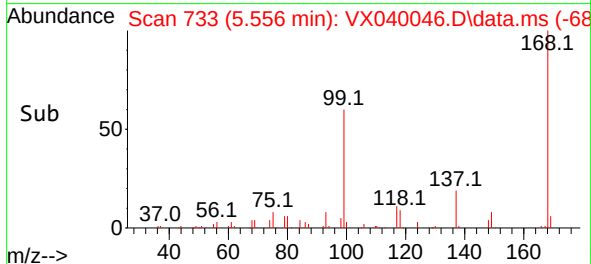
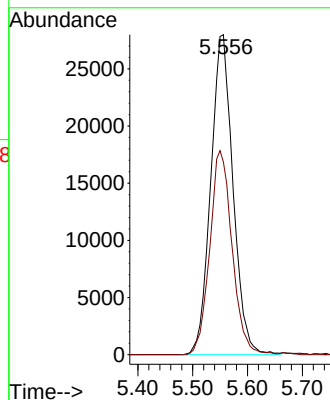
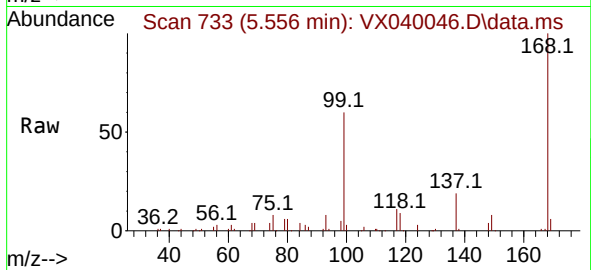




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 713  
Delta R.T. 0.006 min  
Lab File: VX040046.D  
Acq: 31 Jan 2024 14:21

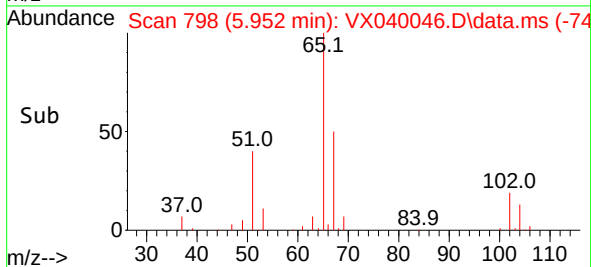
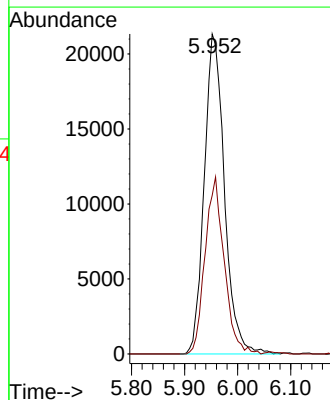
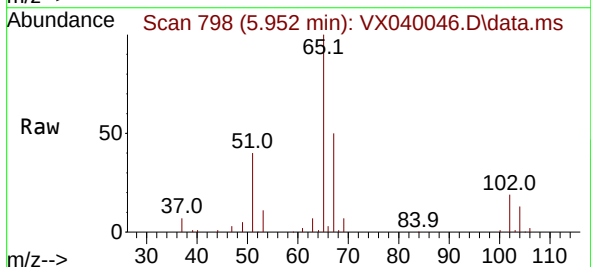
Instrument :  
MSVOA\_X  
ClientSampleId :  
1240

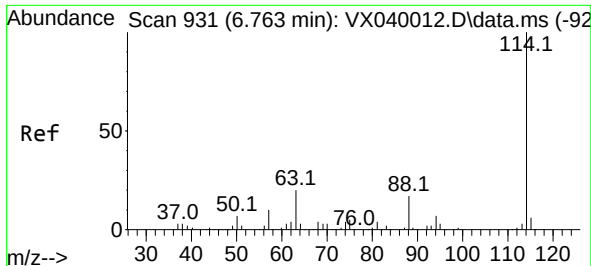
Tgt Ion:168 Resp: 78857  
Ion Ratio Lower Upper  
168 100  
99 60.2 56.6 85.0



#33  
1,2-Dichloroethane-d4  
Concen: 44.470 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.000 min  
Lab File: VX040046.D  
Acq: 31 Jan 2024 14:21

Tgt Ion: 65 Resp: 56437  
Ion Ratio Lower Upper  
65 100  
67 52.5 0.0 100.2

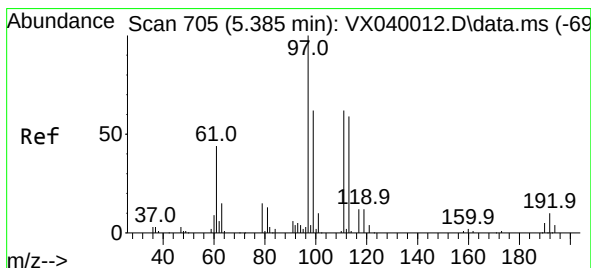
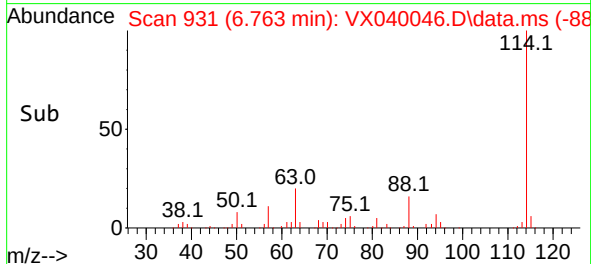
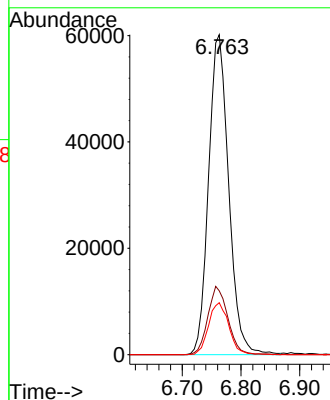
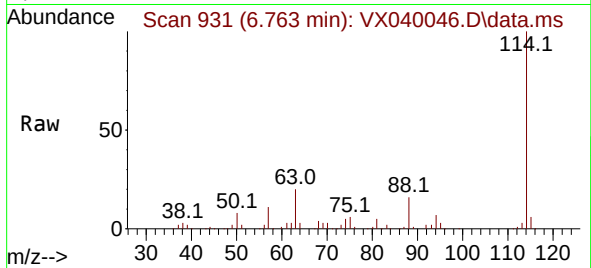




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: VX040046.D  
Acq: 31 Jan 2024 14:21

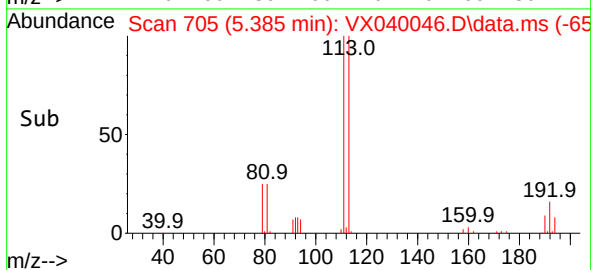
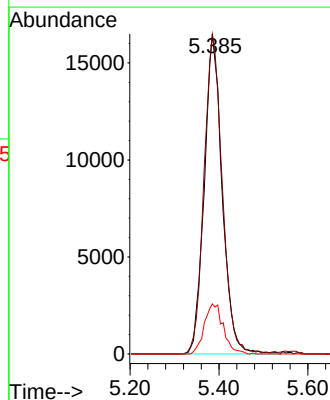
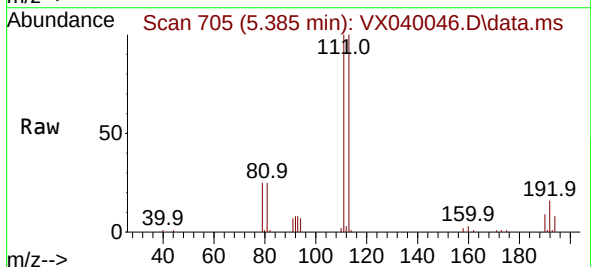
Instrument :  
MSVOA\_X  
ClientSampleId :  
1240

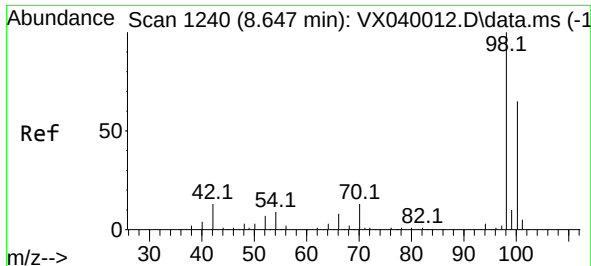
Tgt Ion:114 Resp: 142966  
Ion Ratio Lower Upper  
114 100  
63 19.9 0.0 45.0  
88 16.2 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 47.537 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX040046.D  
Acq: 31 Jan 2024 14:21

Tgt Ion:113 Resp: 46264  
Ion Ratio Lower Upper  
113 100  
111 101.9 82.9 124.3  
192 16.6 13.3 19.9

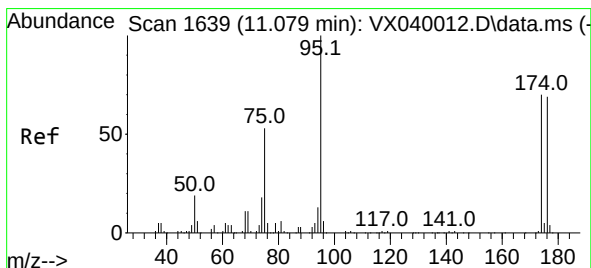
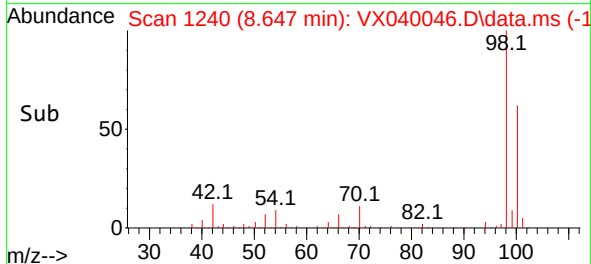
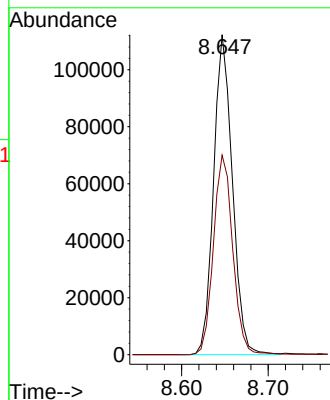
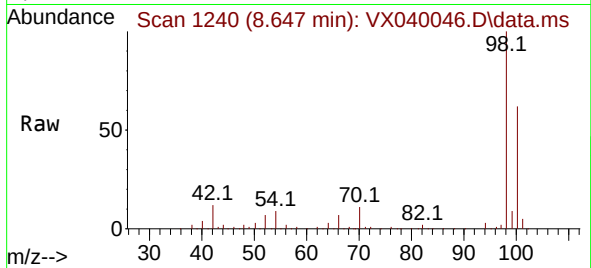




#50  
Toluene-d8  
Concen: 46.470 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX040046.D  
Acq: 31 Jan 2024 14:21

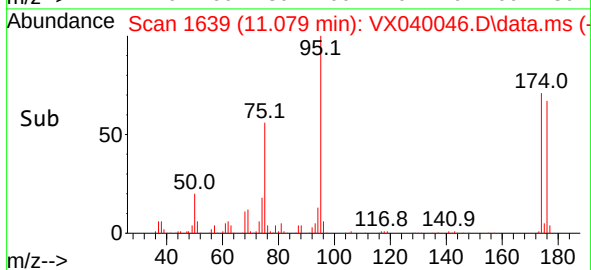
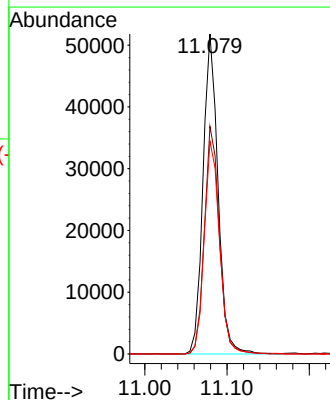
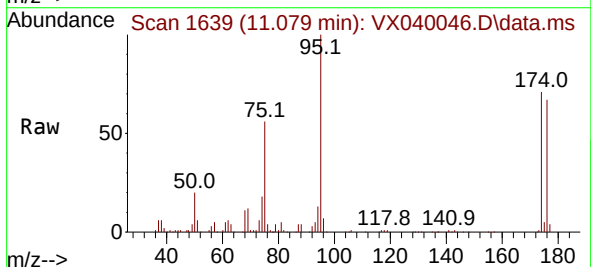
Instrument :  
MSVOA\_X  
ClientSampleId :  
1240

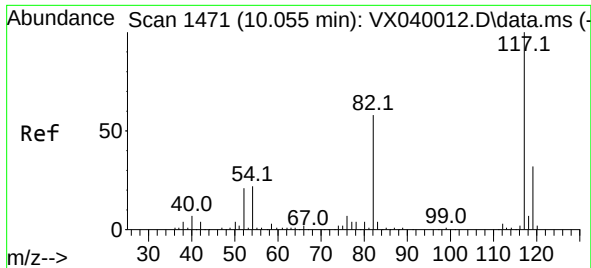
Tgt Ion: 98 Resp: 169132  
Ion Ratio Lower Upper  
98 100  
100 64.4 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 46.831 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX040046.D  
Acq: 31 Jan 2024 14:21

Tgt Ion: 95 Resp: 65630  
Ion Ratio Lower Upper  
95 100  
174 71.1 0.0 135.6  
176 67.5 0.0 131.0

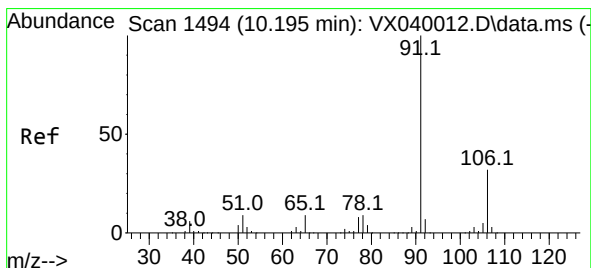
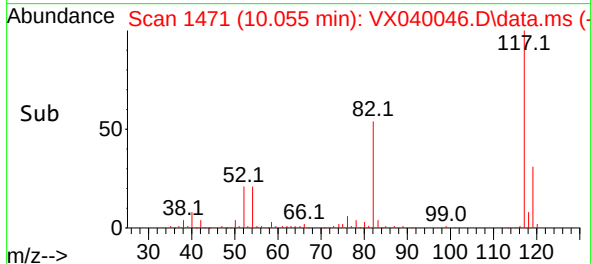
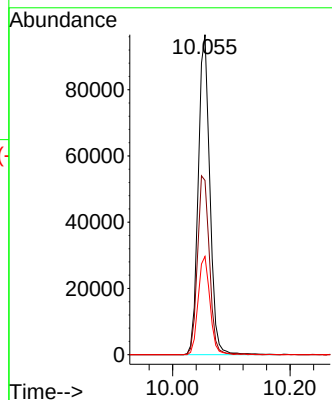
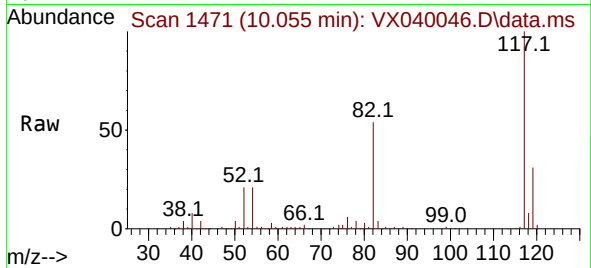




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX040046.D  
Acq: 31 Jan 2024 14:21

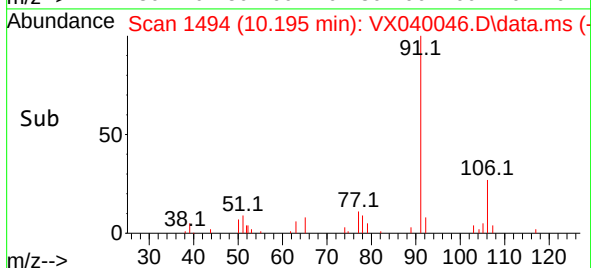
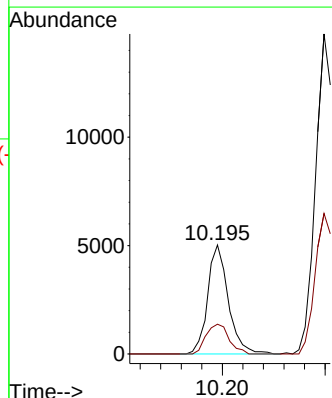
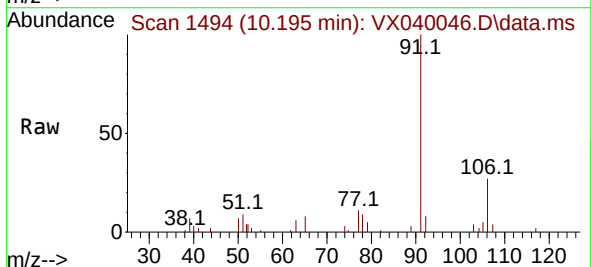
Instrument :  
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ClientSampleId :  
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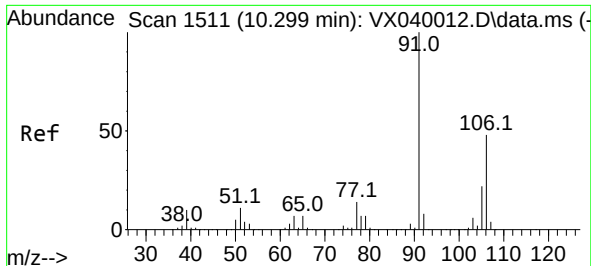
Tgt Ion:117 Resp: 132146  
Ion Ratio Lower Upper  
117 100  
82 54.5 46.2 69.4  
119 30.7 25.5 38.3



#67  
Ethyl Benzene  
Concen: 1.435 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX040046.D  
Acq: 31 Jan 2024 14:21

Tgt Ion: 91 Resp: 7031  
Ion Ratio Lower Upper  
91 100  
106 27.4 24.9 37.3

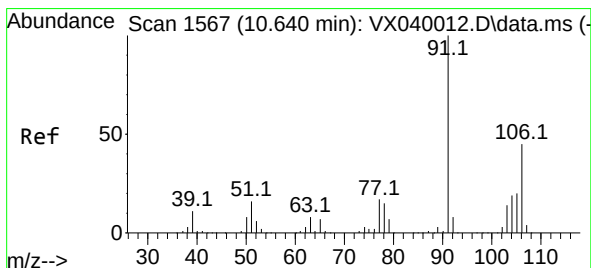
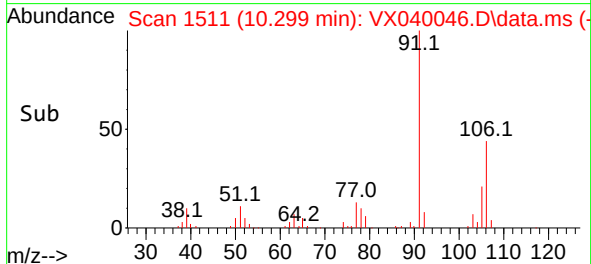
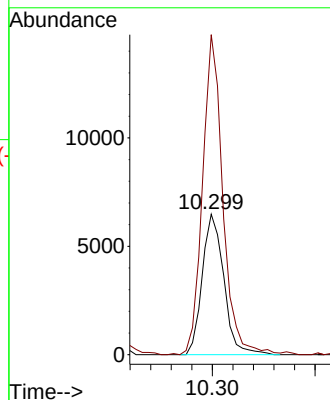
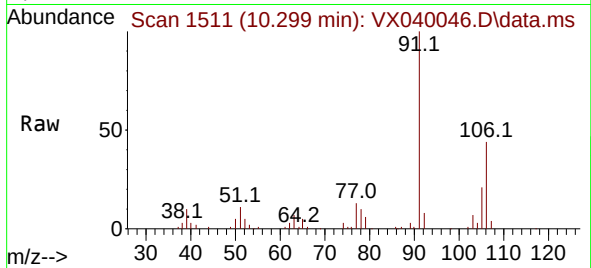




#68  
m/p-Xylenes  
Concen: 5.142 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VX040046.D  
Acq: 31 Jan 2024 14:21

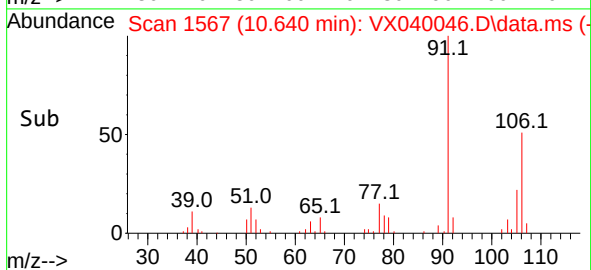
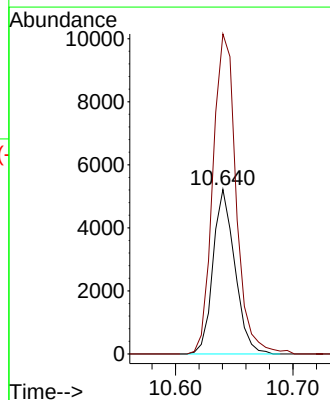
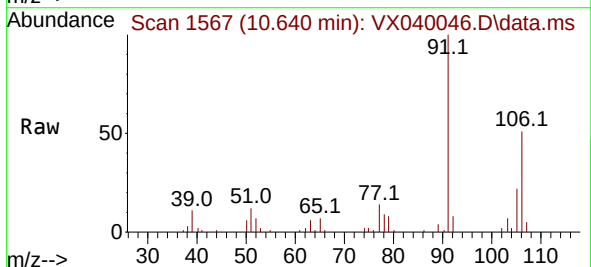
Instrument :  
MSVOA\_X  
ClientSampleId :  
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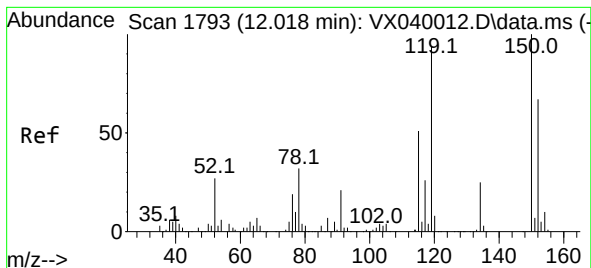
Tgt Ion:106 Resp: 9481  
Ion Ratio Lower Upper  
106 100  
91 214.6 165.5 248.3



#69  
o-Xylene  
Concen: 3.853 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX040046.D  
Acq: 31 Jan 2024 14:21

Tgt Ion:106 Resp: 6738  
Ion Ratio Lower Upper  
106 100  
91 207.4 108.9 326.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX040046.D

Acq: 31 Jan 2024 14:21

Instrument :

MSVOA\_X

ClientSampleId :

1240

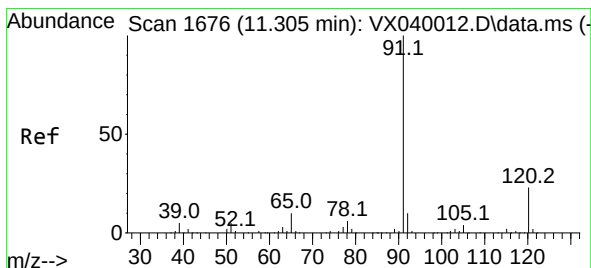
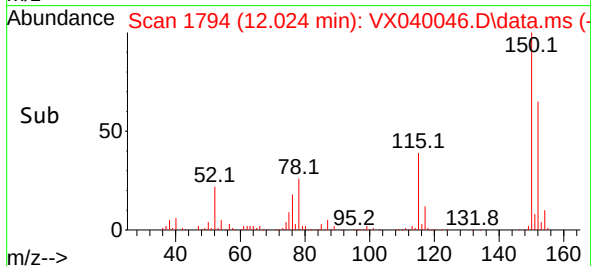
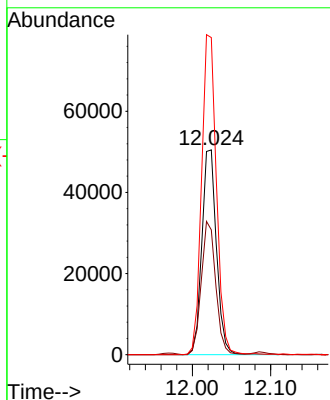
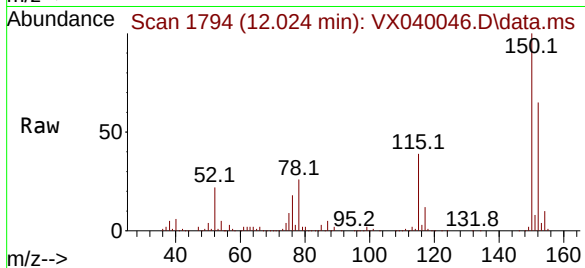
Tgt Ion:152 Resp: 65522

Ion Ratio Lower Upper

152 100

115 64.2 43.3 129.9

150 158.0 0.0 345.0



#78

n-propylbenzene

Concen: 1.411 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX040046.D

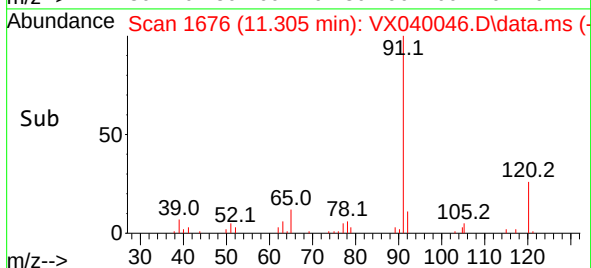
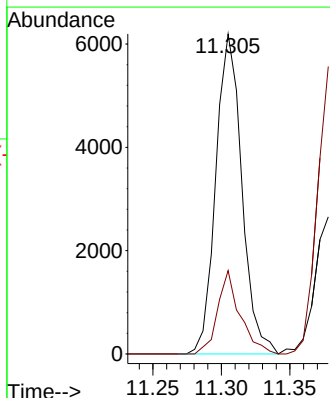
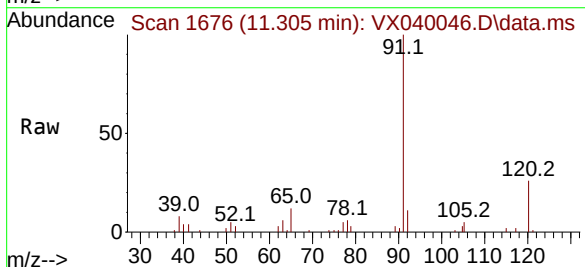
Acq: 31 Jan 2024 14:21

Tgt Ion: 91 Resp: 8171

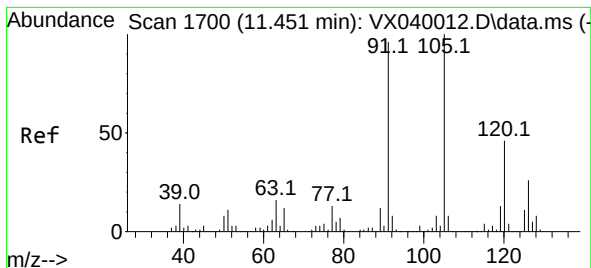
Ion Ratio Lower Upper

91 100

120 22.4 11.5 34.4







#80

1,3,5-Trimethylbenzene

Concen: 2.560 ug/l

RT: 11.451 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040046.D

Acq: 31 Jan 2024 14:21

Instrument :

MSVOA\_X

ClientSampleId :

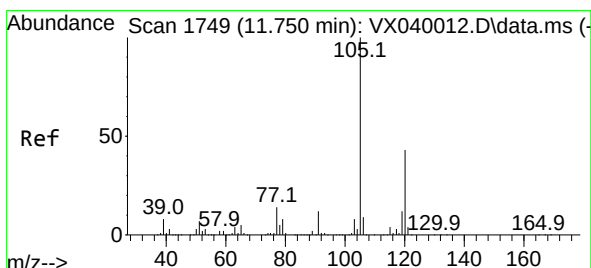
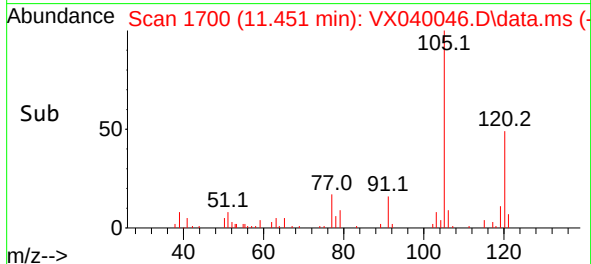
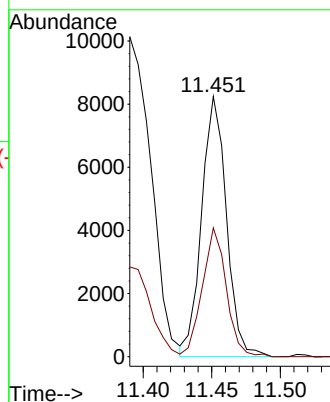
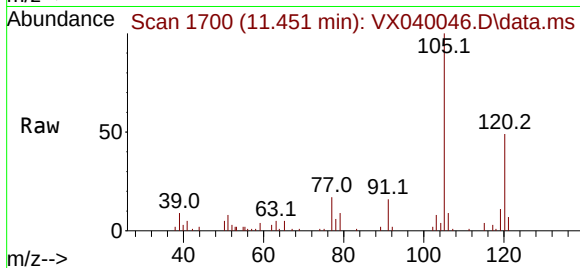
1240

Tgt Ion:105 Resp: 10355

Ion Ratio Lower Upper

105 100

120 48.0 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 10.671 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX040046.D

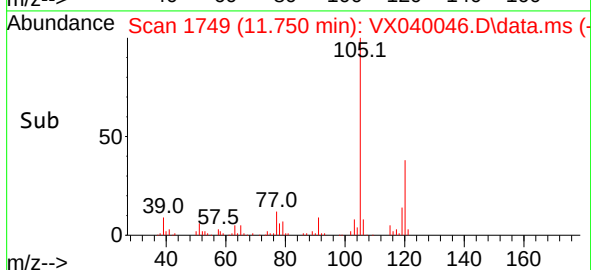
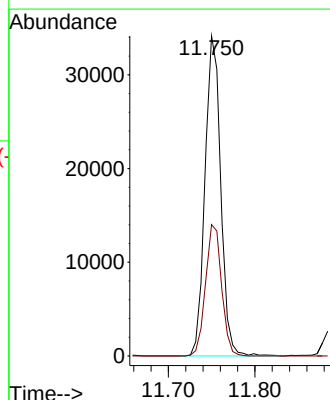
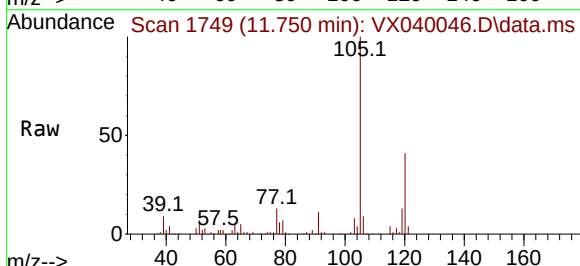
Acq: 31 Jan 2024 14:21

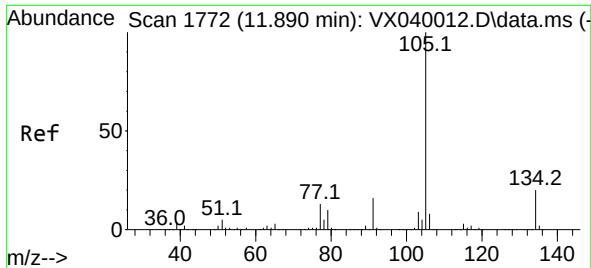
Tgt Ion:105 Resp: 43065

Ion Ratio Lower Upper

105 100

120 42.0 21.2 63.6

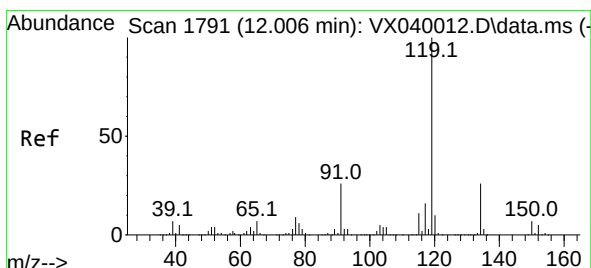
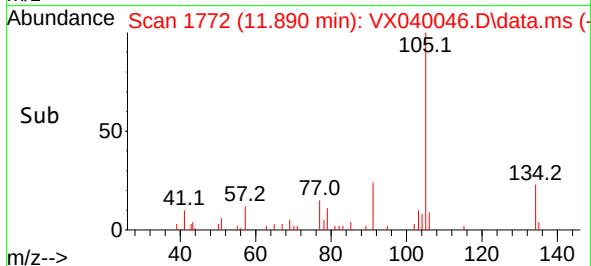
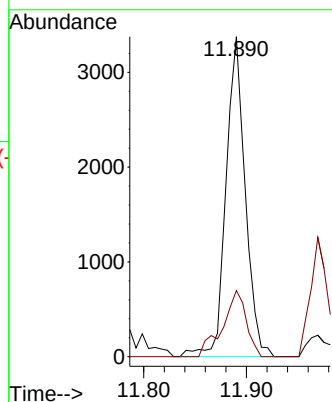
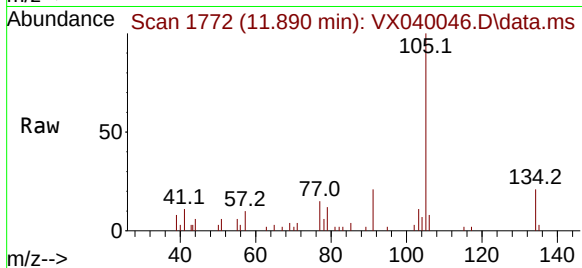




#85  
 sec-Butylbenzene  
 Concen: 0.858 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX040046.D  
 Acq: 31 Jan 2024 14:21

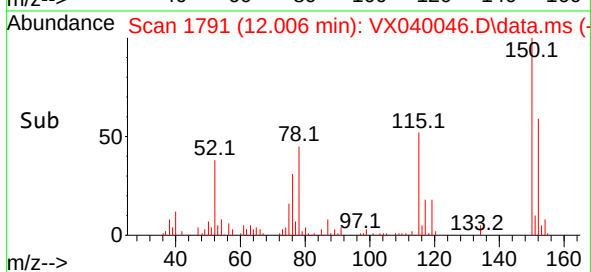
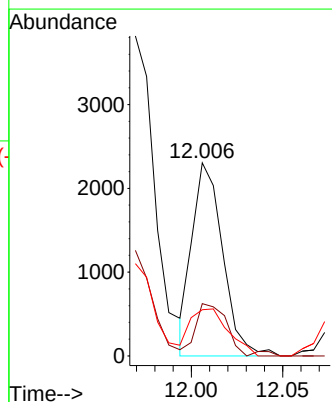
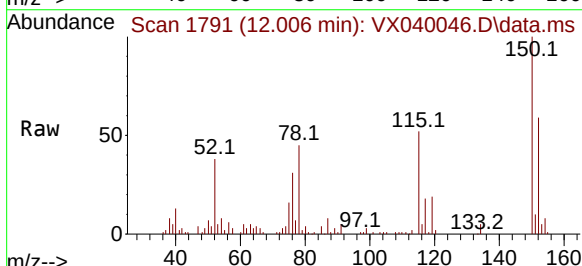
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 1240

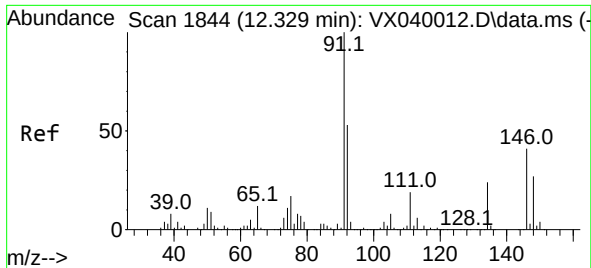
Tgt Ion:105 Resp: 4399  
 Ion Ratio Lower Upper  
 105 100  
 134 25.4 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 0.642 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. 0.000 min  
 Lab File: VX040046.D  
 Acq: 31 Jan 2024 14:21

Tgt Ion:119 Resp: 2690  
 Ion Ratio Lower Upper  
 119 100  
 134 28.3 12.8 38.3  
 91 30.4 13.1 39.3





#89

n-Butylbenzene

Concen: 2.083 ug/l

RT: 12.329 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040046.D

Acq: 31 Jan 2024 14:21

Instrument :

MSVOA\_X

ClientSampleId :

1240

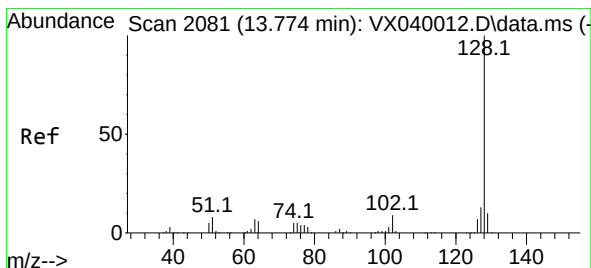
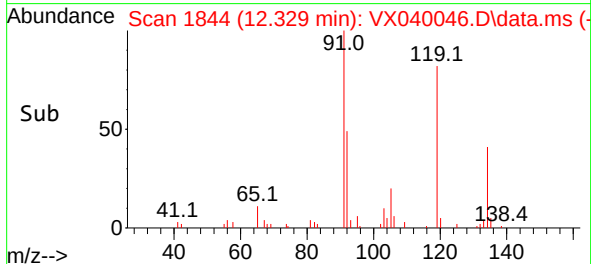
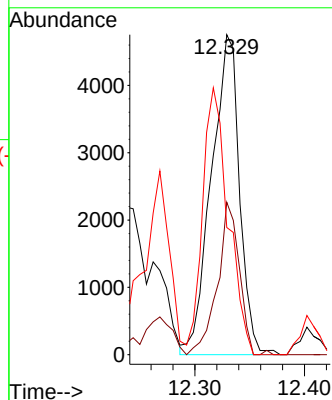
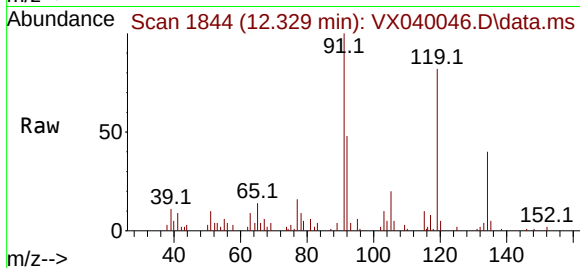
Tgt Ion: 91 Resp: 8466

Ion Ratio Lower Upper

91 100

92 36.7 27.4 82.0

134 75.6 12.6 37.8#



#95

Naphthalene

Concen: 1.591 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX040046.D

Acq: 31 Jan 2024 14:21

Tgt Ion:128 Resp: 7130

Ion Ratio Lower Upper

128 100

127 14.9 10.3 15.5

129 13.5 8.8 13.2#

