

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092424\  
 Data File : VX043116.D  
 Acq On : 24 Sep 2024 12:21  
 Operator : JC/MD  
 Sample : P4123-02  
 Misc : 1.15g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 613-D

Quant Time: Sep 25 01:24:47 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X092324W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 24 03:13:52 2024  
 Response via : Initial Calibration

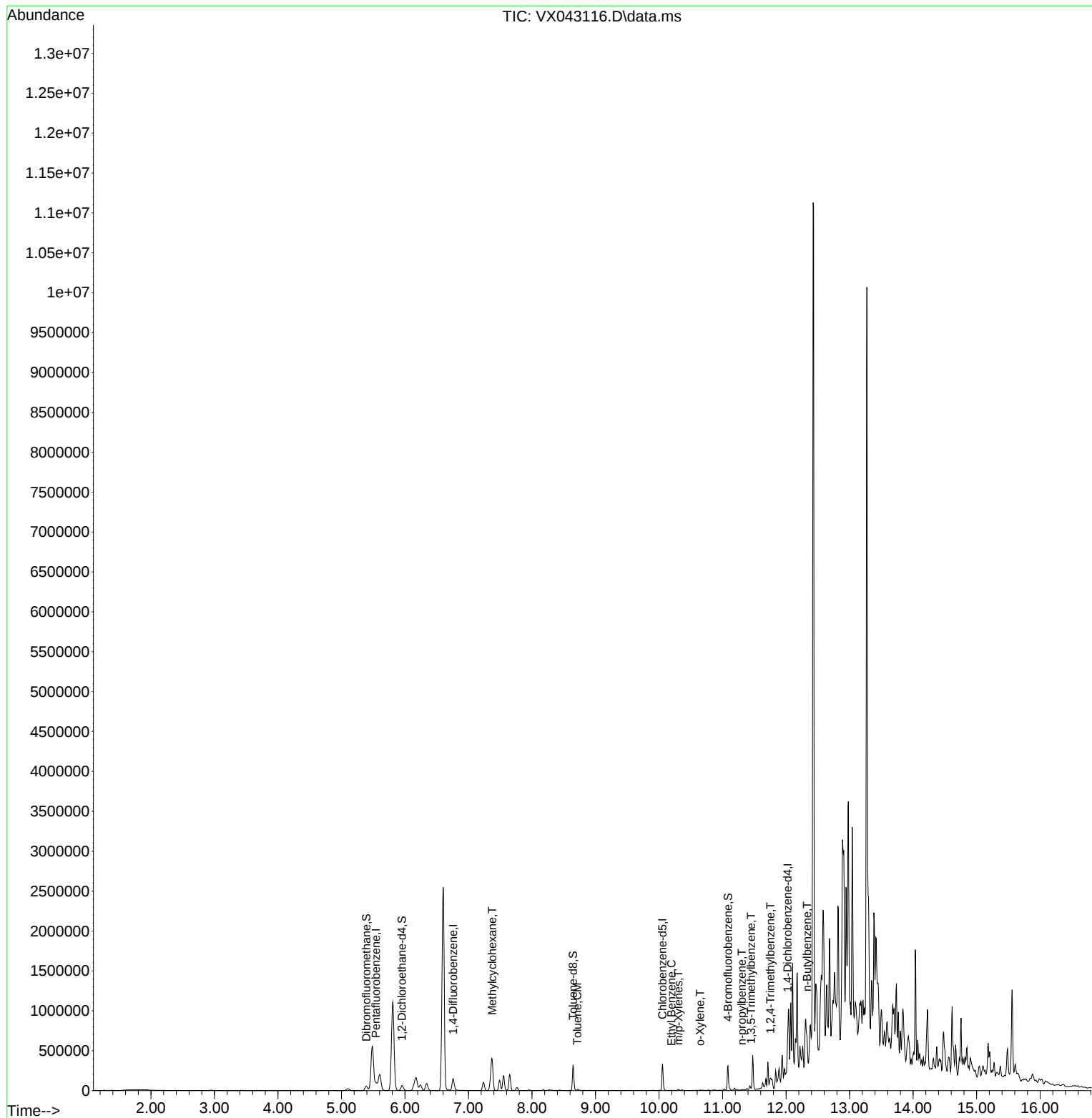
| Compound                    | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|--------|----------|
| -----                       |           |       |          |          |        |          |
| Internal Standards          |           |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.544     | 168   | 80571    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757     | 114   | 149495   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 148535   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152   | 80628    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952     | 65    | 68170    | 50.937   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 74 - 125 | Recovery | =      | 101.880% |
| 35) Dibromofluoromethane    | 5.391     | 113   | 51808    | 49.126   | ug/l   | 0.01     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | =      | 98.260%  |
| 50) Toluene-d8              | 8.647     | 98    | 190385   | 53.361   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 86 - 113 | Recovery | =      | 106.720% |
| 62) 4-Bromofluorobenzene    | 11.085    | 95    | 80683    | 56.153   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 77 - 121 | Recovery | =      | 112.300% |
| Target Compounds            |           |       |          |          |        |          |
|                             |           |       |          |          | Qvalue |          |
| 39) Methylcyclohexane       | 7.373     | 83    | 176658   | 108.627  | ug/l   | 95       |
| 52) Toluene                 | 8.714     | 92    | 5262     | 2.137    | ug/l   | 95       |
| 67) Ethyl Benzene           | 10.195    | 91    | 2269     | 0.409    | ug/l # | 88       |
| 68) m/p-Xylenes             | 10.305    | 106   | 3061     | 1.484    | ug/l   | 99       |
| 69) o-Xylene                | 10.646    | 106   | 1388     | 0.671    | ug/l   | 99       |
| 78) n-propylbenzene         | 11.305    | 91    | 3178     | 0.463    | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene  | 11.451    | 105   | 4780     | 0.955    | ug/l   | 91       |
| 84) 1,2,4-Trimethylbenzene  | 11.756    | 105   | 19699    | 3.958    | ug/l   | 98       |
| 89) n-Butylbenzene          | 12.329    | 91    | 26634    | 5.810    | ug/l # | 53       |
| -----                       |           |       |          |          |        |          |

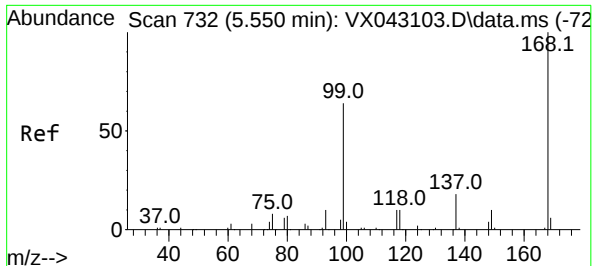
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092424\  
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ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
613-D

Quant Time: Sep 25 01:24:47 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X092324W.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 24 03:13:52 2024  
Response via : Initial Calibration

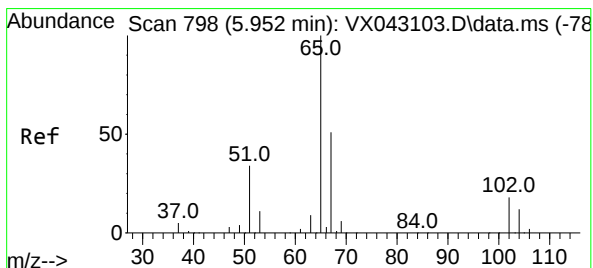
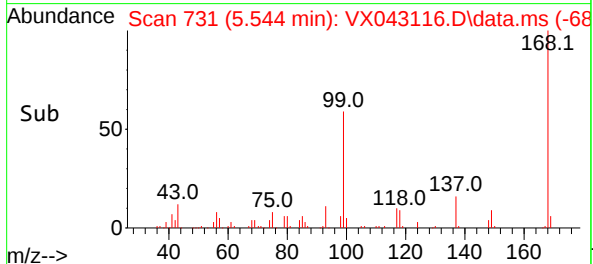
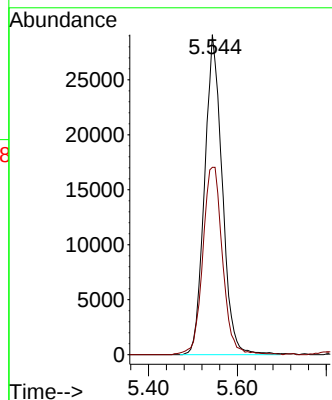
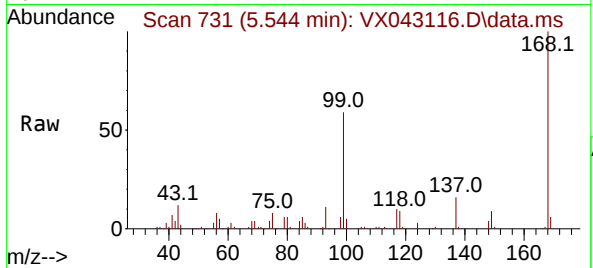




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 713  
Delta R.T. -0.006 min  
Lab File: VX043116.D  
Acq: 24 Sep 2024 12:21

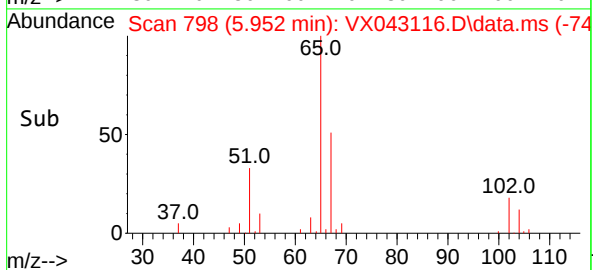
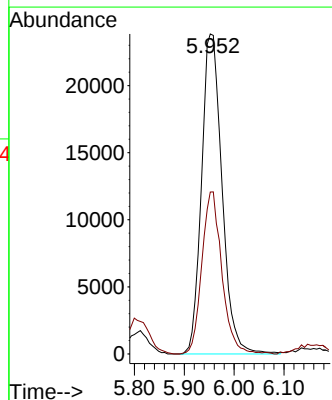
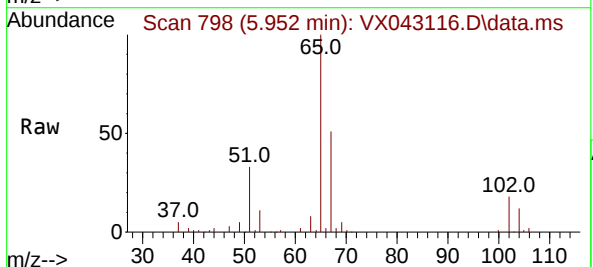
Instrument :  
MSVOA\_X  
ClientSampleId :  
613-D

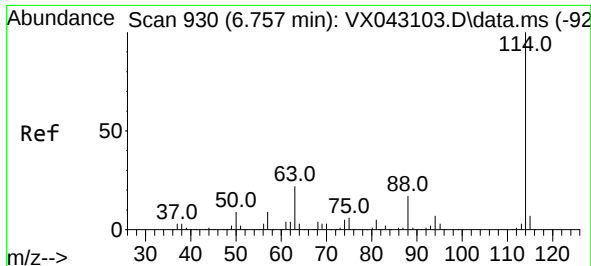
Tgt Ion:168 Resp: 80571  
Ion Ratio Lower Upper  
168 100  
99 58.4 50.8 76.2



#33  
1,2-Dichloroethane-d4  
Concen: 50.937 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.000 min  
Lab File: VX043116.D  
Acq: 24 Sep 2024 12:21

Tgt Ion: 65 Resp: 68170  
Ion Ratio Lower Upper  
65 100  
67 49.6 0.0 99.0

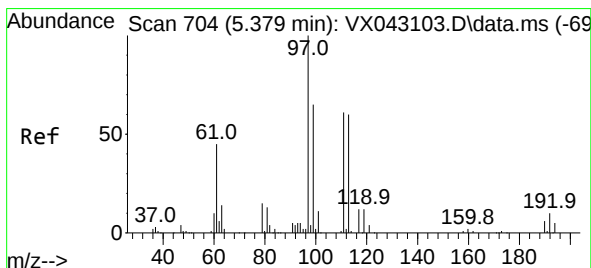
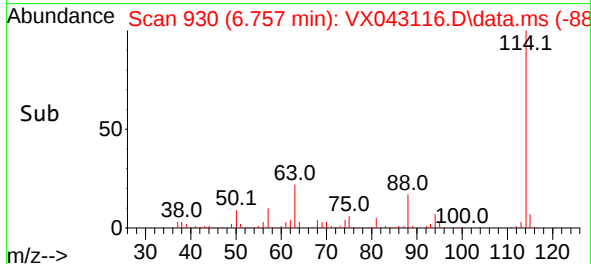
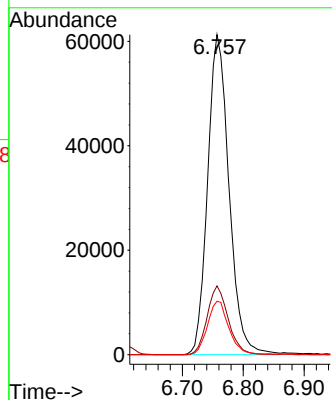
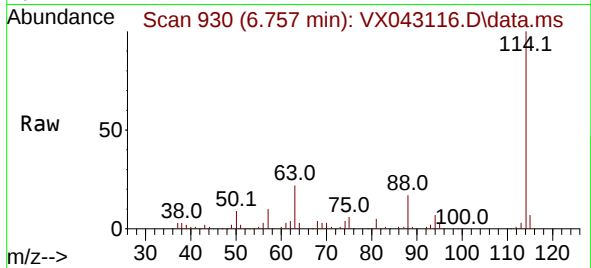




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 913  
Delta R.T. -0.000 min  
Lab File: VX043116.D  
Acq: 24 Sep 2024 12:21

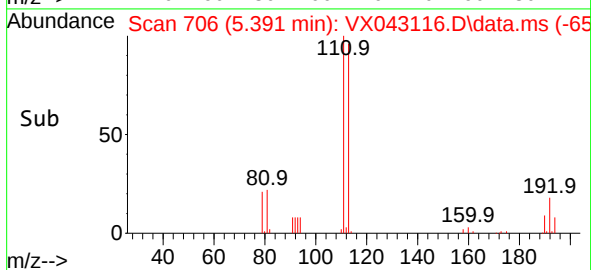
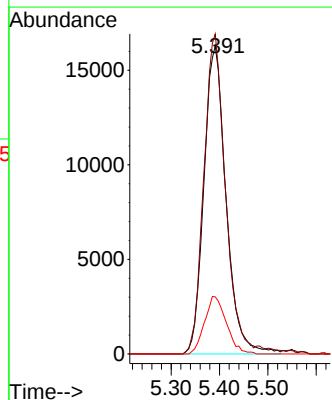
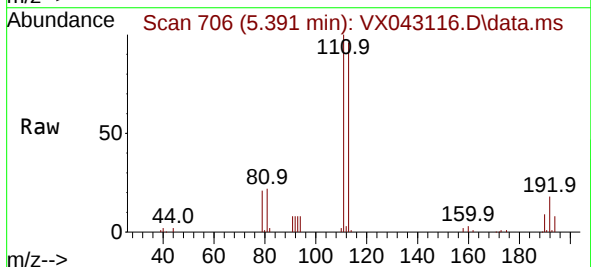
Instrument :  
MSVOA\_X  
ClientSampleId :  
613-D

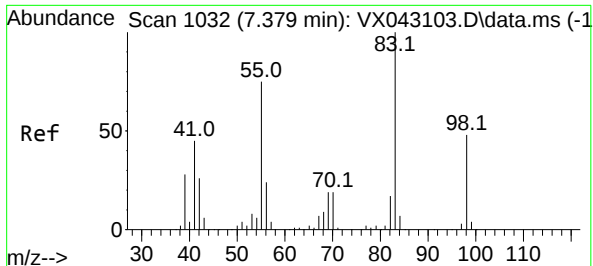
Tgt Ion:114 Resp: 149495  
Ion Ratio Lower Upper  
114 100  
63 21.5 0.0 43.2  
88 16.7 0.0 33.4



#35  
Dibromofluoromethane  
Concen: 49.126 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.012 min  
Lab File: VX043116.D  
Acq: 24 Sep 2024 12:21

Tgt Ion:113 Resp: 51808  
Ion Ratio Lower Upper  
113 100  
111 102.8 82.6 124.0  
192 18.4 14.6 22.0





#39

Methylcyclohexane

Concen: 108.627 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX043116.D

Acq: 24 Sep 2024 12:21

Instrument :

MSVOA\_X

ClientSampleId :

613-D

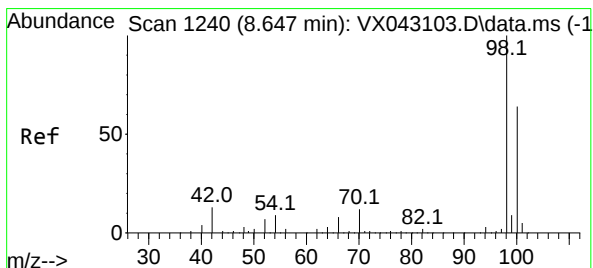
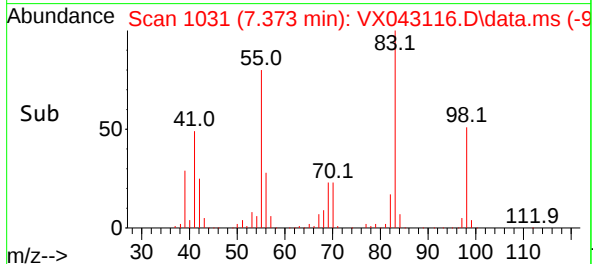
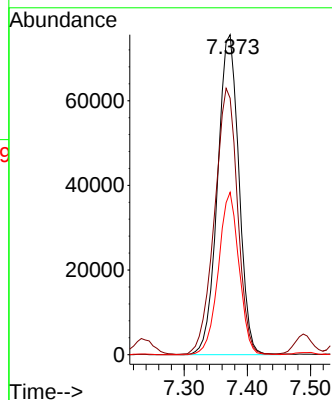
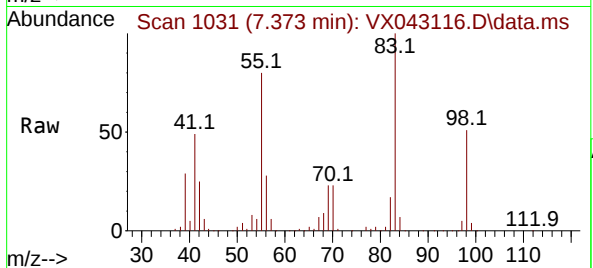
Tgt Ion: 83 Resp: 176658

Ion Ratio Lower Upper

83 100

55 80.0 60.2 90.4

98 50.8 38.6 58.0



#50

Toluene-d8

Concen: 53.361 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX043116.D

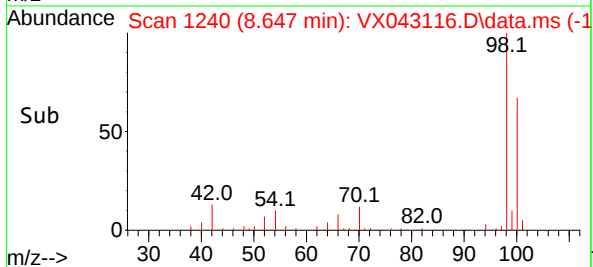
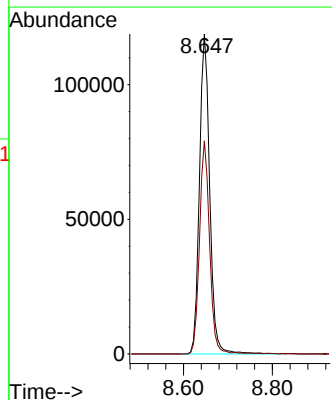
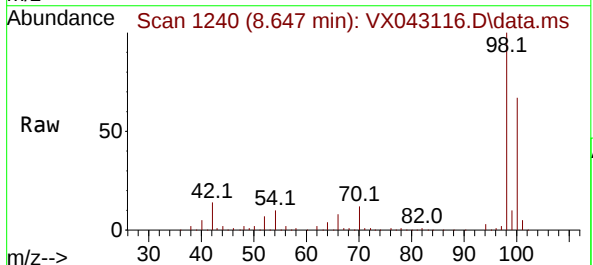
Acq: 24 Sep 2024 12:21

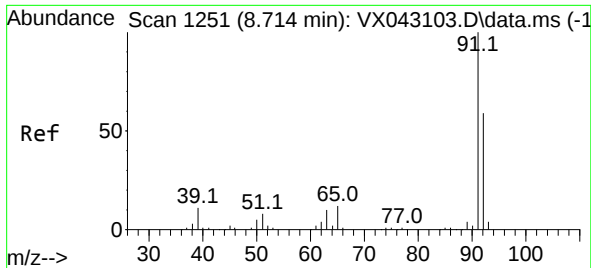
Tgt Ion: 98 Resp: 190385

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.4

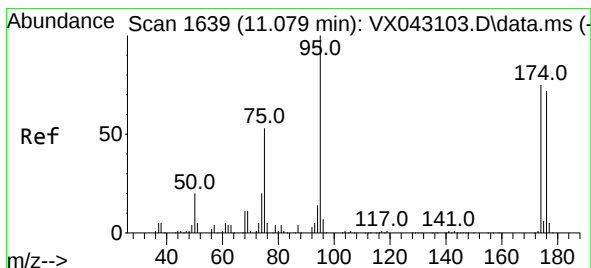
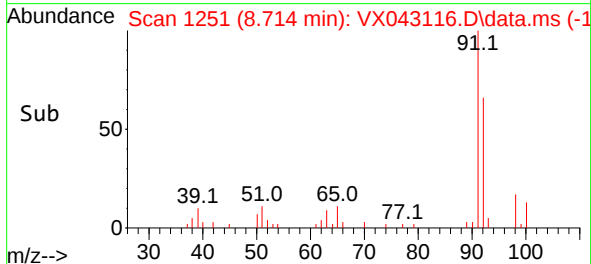
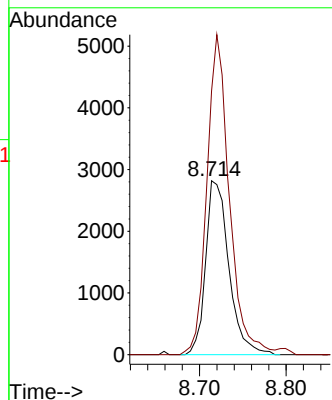
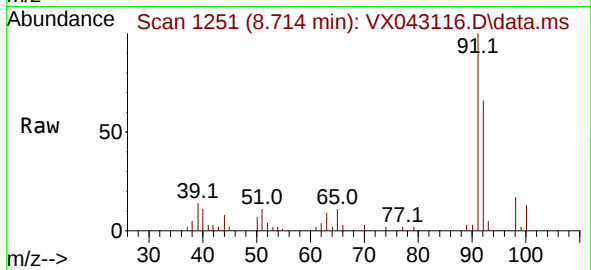




#52  
Toluene  
Concen: 2.137 ug/l  
RT: 8.714 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX043116.D  
Acq: 24 Sep 2024 12:21

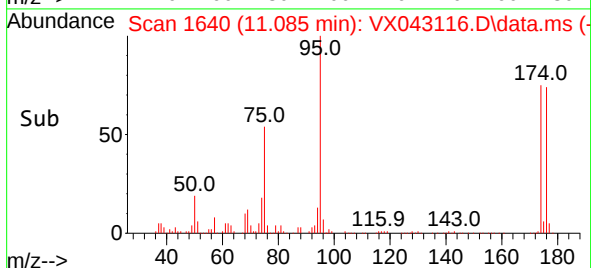
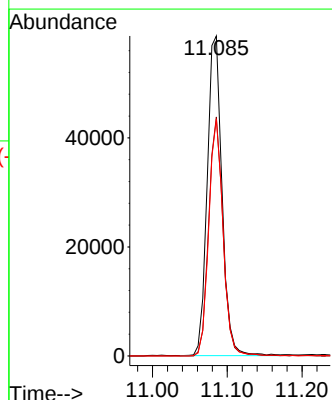
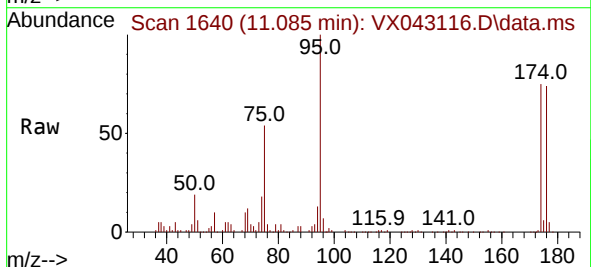
Instrument :  
MSVOA\_X  
ClientSampleId :  
613-D

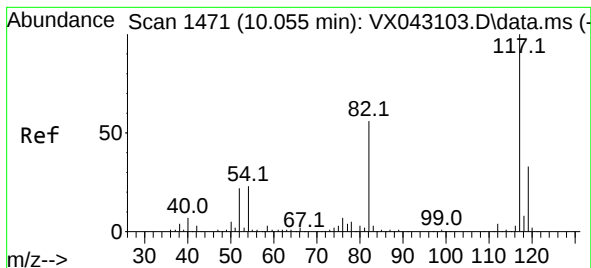
Tgt Ion: 92 Resp: 5262  
Ion Ratio Lower Upper  
92 100  
91 177.1 135.9 203.9



#62  
4-Bromofluorobenzene  
Concen: 56.153 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.006 min  
Lab File: VX043116.D  
Acq: 24 Sep 2024 12:21

Tgt Ion: 95 Resp: 80683  
Ion Ratio Lower Upper  
95 100  
174 72.2 0.0 146.0  
176 71.5 0.0 142.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX043116.D

Acq: 24 Sep 2024 12:21

Instrument :

MSVOA\_X

ClientSampleId :

613-D

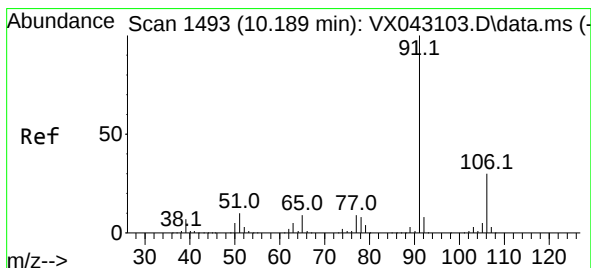
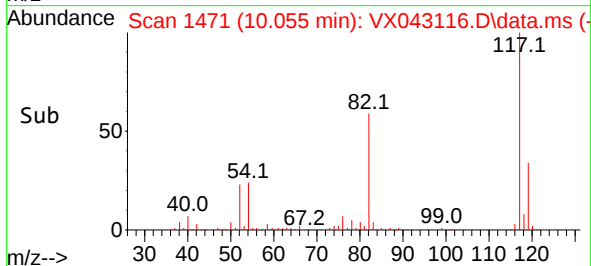
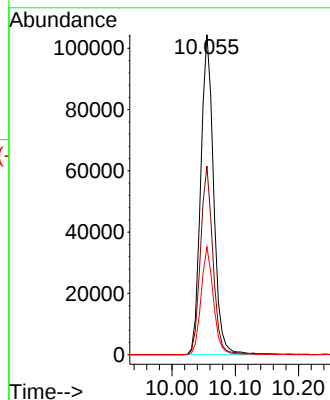
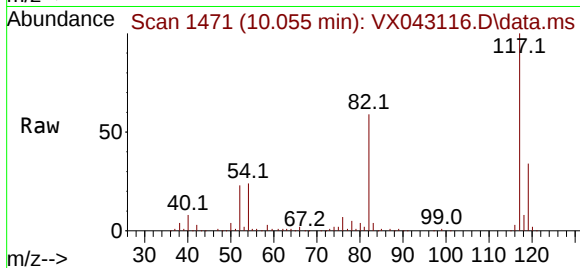
Tgt Ion:117 Resp: 148535

Ion Ratio Lower Upper

117 100

82 58.9 44.7 67.1

119 33.6 26.3 39.5



#67

Ethyl Benzene

Concen: 0.409 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX043116.D

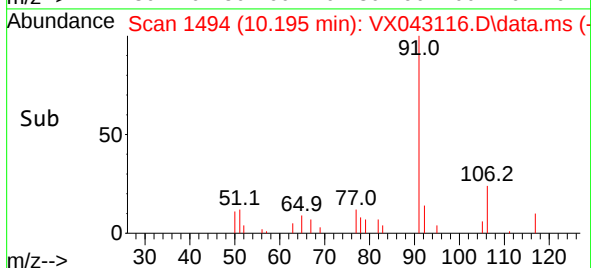
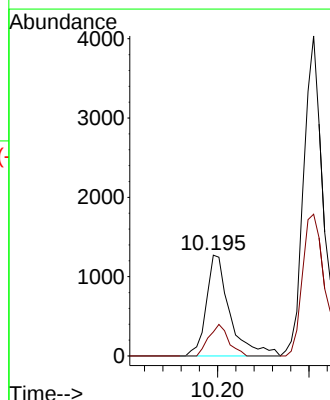
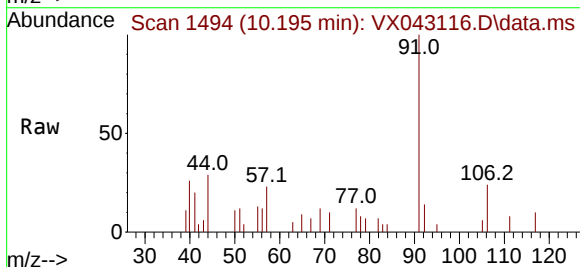
Acq: 24 Sep 2024 12:21

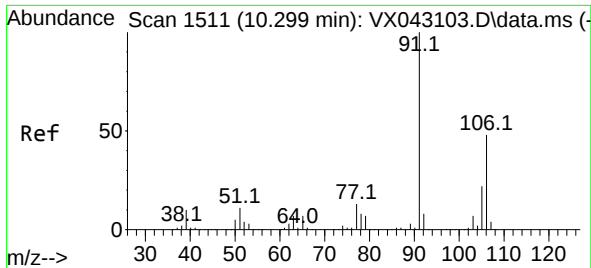
Tgt Ion: 91 Resp: 2269

Ion Ratio Lower Upper

91 100

106 23.7 24.2 36.4#

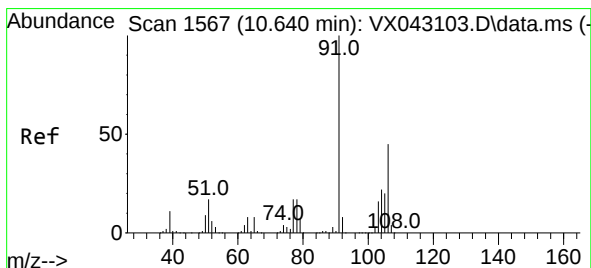
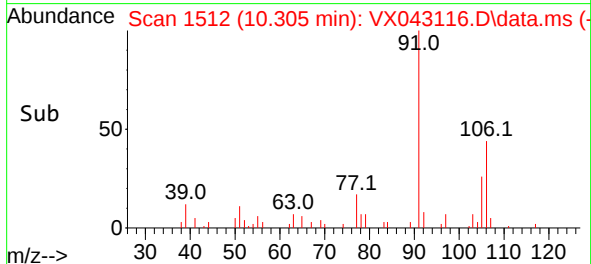
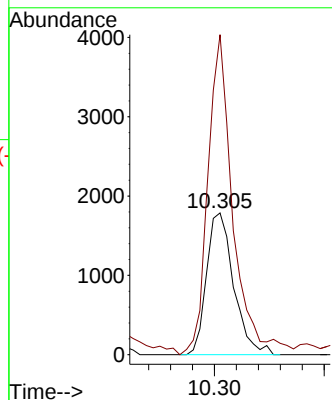
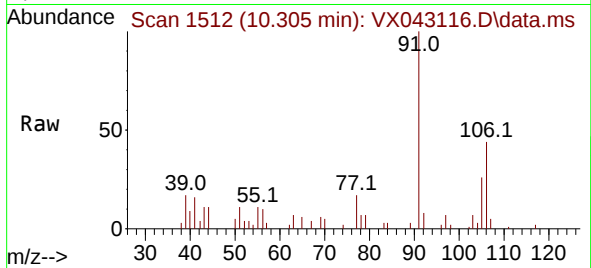




#68  
m/p-Xylenes  
Concen: 1.484 ug/l  
RT: 10.305 min Scan# 1511  
Delta R.T. 0.006 min  
Lab File: VX043116.D  
Acq: 24 Sep 2024 12:21

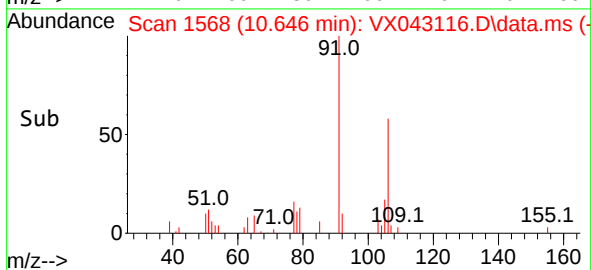
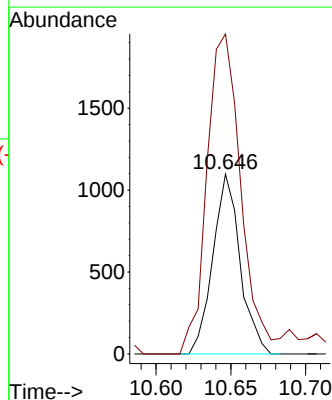
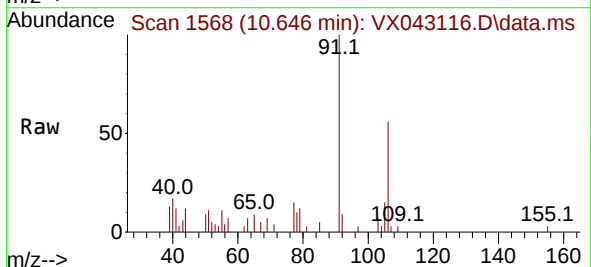
Instrument :  
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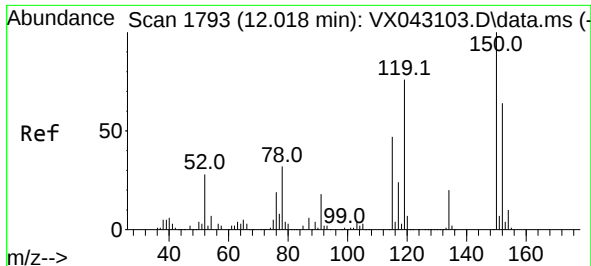
Tgt Ion:106 Resp: 3061  
Ion Ratio Lower Upper  
106 100  
91 208.3 167.5 251.3



#69  
o-Xylene  
Concen: 0.671 ug/l  
RT: 10.646 min Scan# 1568  
Delta R.T. 0.006 min  
Lab File: VX043116.D  
Acq: 24 Sep 2024 12:21

Tgt Ion:106 Resp: 1388  
Ion Ratio Lower Upper  
106 100  
91 222.8 112.5 337.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX043116.D

Acq: 24 Sep 2024 12:21

Instrument :

MSVOA\_X

ClientSampleId :

613-D

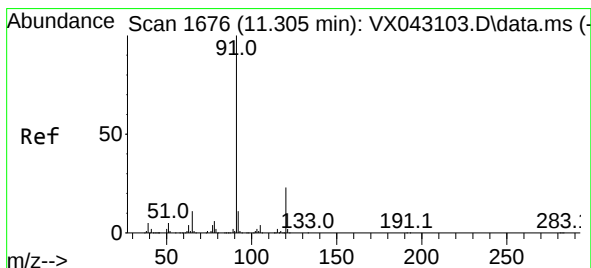
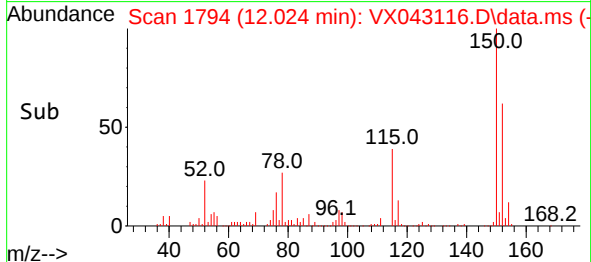
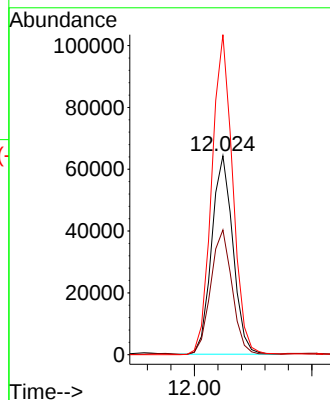
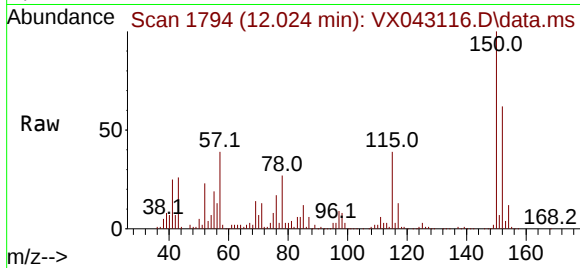
Tgt Ion:152 Resp: 80628

Ion Ratio Lower Upper

152 100

115 63.1 43.7 131.1

150 159.8 0.0 344.6



#78

n-propylbenzene

Concen: 0.463 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX043116.D

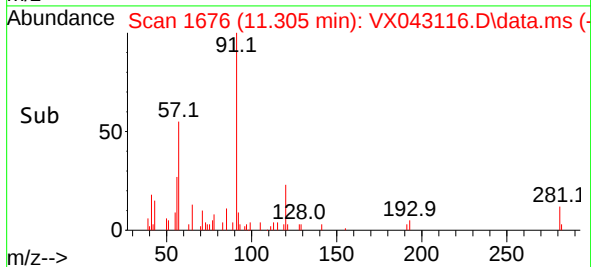
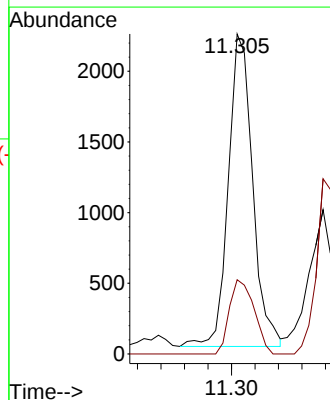
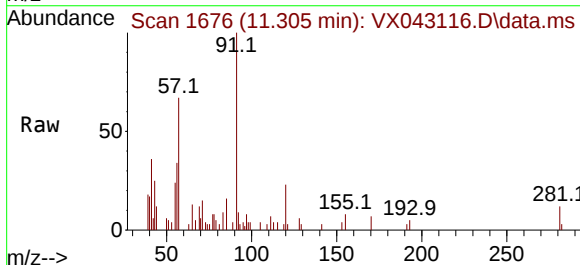
Acq: 24 Sep 2024 12:21

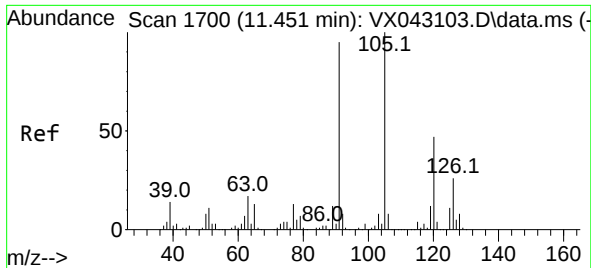
Tgt Ion: 91 Resp: 3178

Ion Ratio Lower Upper

91 100

120 24.1 11.5 34.5

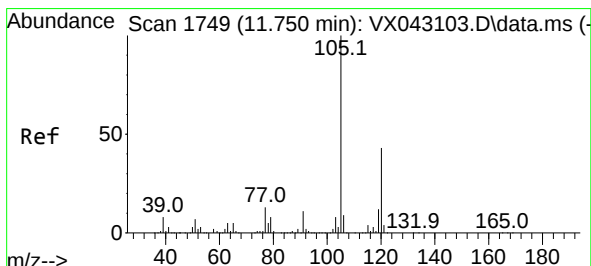
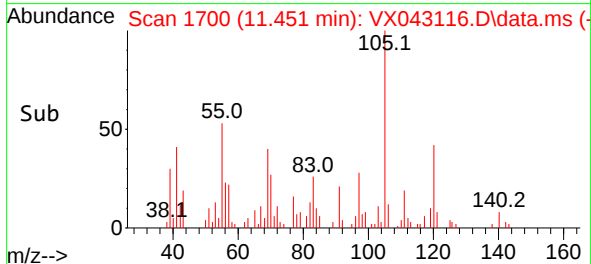
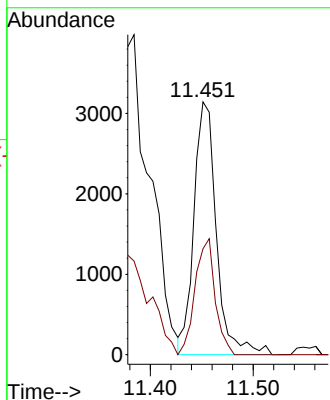
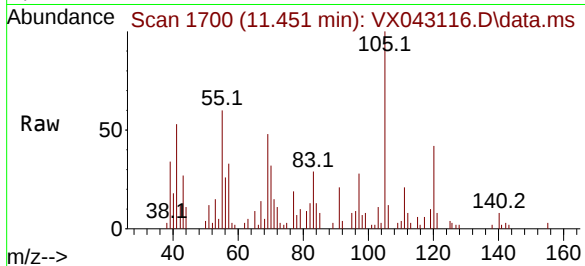




#80  
1,3,5-Trimethylbenzene  
Concen: 0.955 ug/l  
RT: 11.451 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX043116.D  
Acq: 24 Sep 2024 12:21

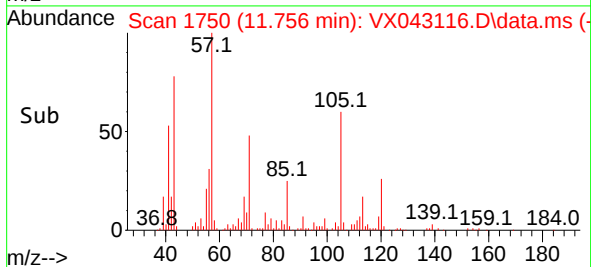
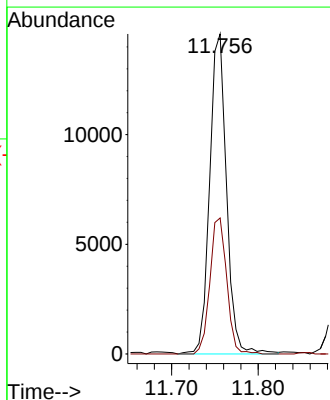
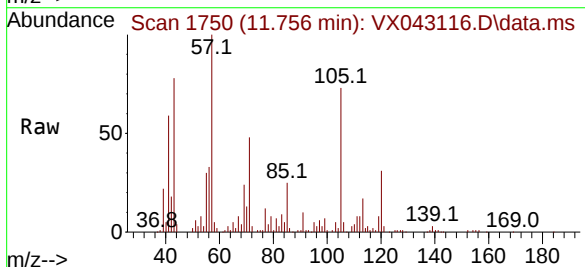
Instrument :  
MSVOA\_X  
ClientSampleId :  
613-D

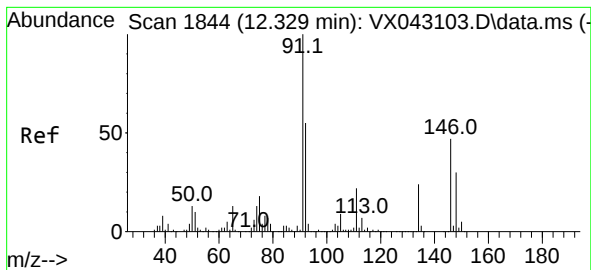
Tgt Ion:105 Resp: 4780  
Ion Ratio Lower Upper  
105 100  
120 40.9 23.5 70.5



#84  
1,2,4-Trimethylbenzene  
Concen: 3.958 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. 0.006 min  
Lab File: VX043116.D  
Acq: 24 Sep 2024 12:21

Tgt Ion:105 Resp: 19699  
Ion Ratio Lower Upper  
105 100  
120 42.4 21.8 65.4





#89

n-Butylbenzene

Concen: 5.810 ug/l

RT: 12.329 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX043116.D

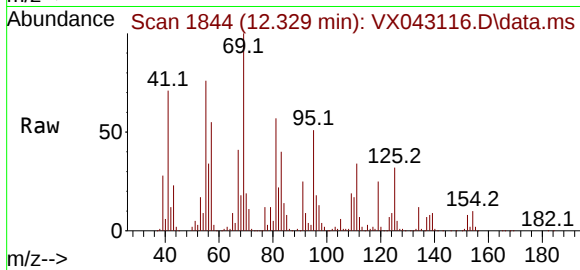
Acq: 24 Sep 2024 12:21

Instrument :

MSVOA\_X

ClientSampleId :

613-D



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 26634 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 32.8  | 26.9  | 80.7  |
| 134      | 68.0  | 12.6  | 37.6# |

