

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX081623\  
 Data File : VX037045.D  
 Acq On : 17 Aug 2023 07:35  
 Operator : JC/MD  
 Sample : 03975-04 10X  
 Misc : 6.31g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 NEVINS-SB03-Z82-83

Quant Time: Aug 17 08:01:34 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072123W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 21 12:14:12 2023  
 Response via : Initial Calibration

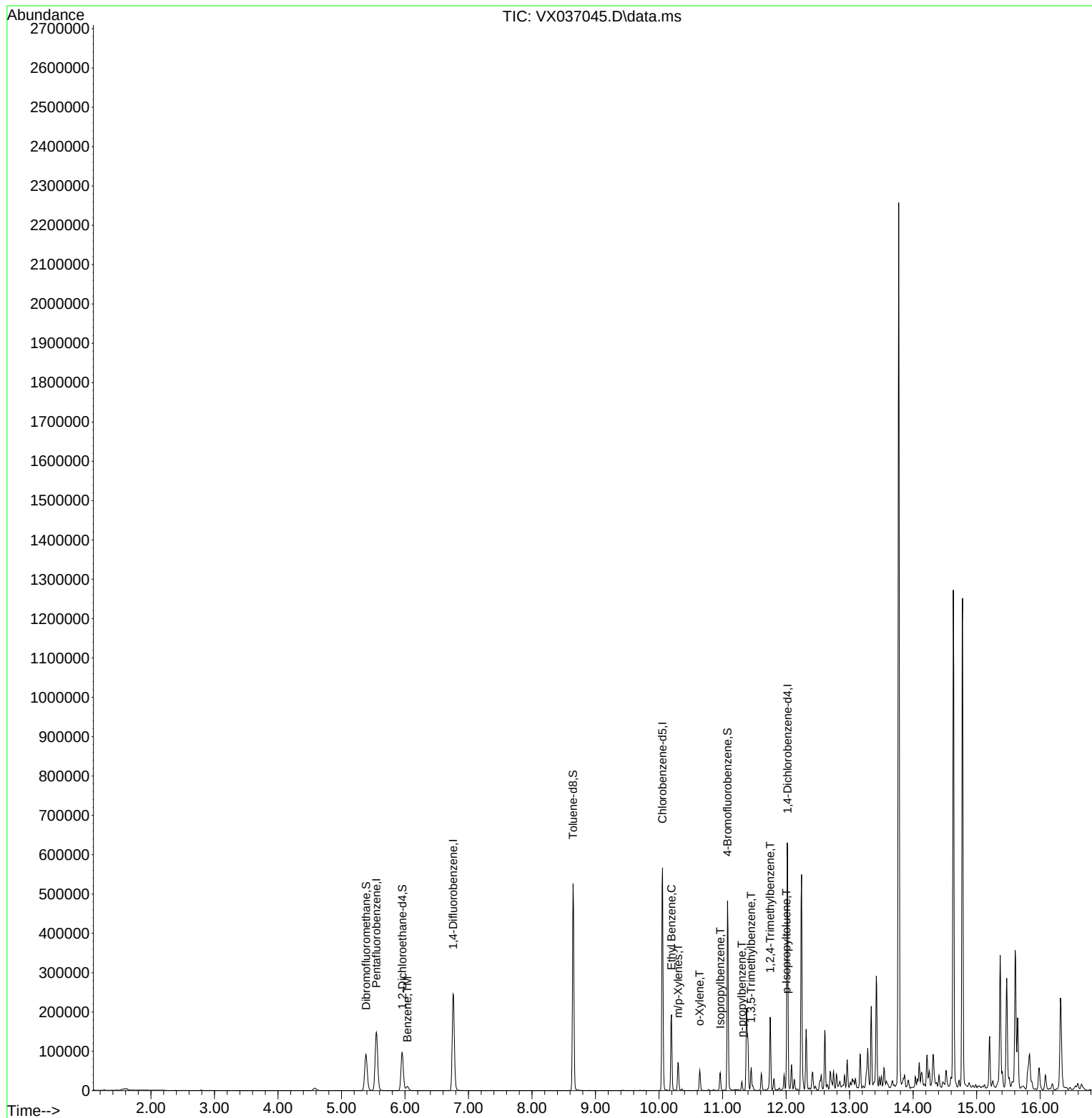
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 137564   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 257110   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 259284   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 126607   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 98172    | 48.231   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 96.460%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 80881    | 45.767   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 91.540%  |
| 50) Toluene-d8              | 8.647  | 98    | 310945   | 49.616   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 99.240%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 133418   | 56.427   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 112.860% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 40) Benzene                 | 6.037  | 78    | 13007    | 1.697    | ug/l   | 99       |
| 67) Ethyl Benzene           | 10.195 | 91    | 113790   | 10.898   | ug/l   | 99       |
| 68) m/p-Xylenes             | 10.299 | 106   | 16649    | 4.274    | ug/l   | 98       |
| 69) o-Xylene                | 10.640 | 106   | 10968    | 2.821    | ug/l   | 90       |
| 73) Isopropylbenzene        | 10.963 | 105   | 24117    | 2.302    | ug/l   | 98       |
| 78) n-propylbenzene         | 11.305 | 91    | 14022    | 1.157    | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene  | 11.451 | 105   | 24588    | 2.805    | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene  | 11.750 | 105   | 78996    | 9.011    | ug/l   | 96       |
| 86) p-Isopropyltoluene      | 12.006 | 119   | 11311    | 1.280    | ug/l   | 91       |
| -----                       |        |       |          |          |        |          |

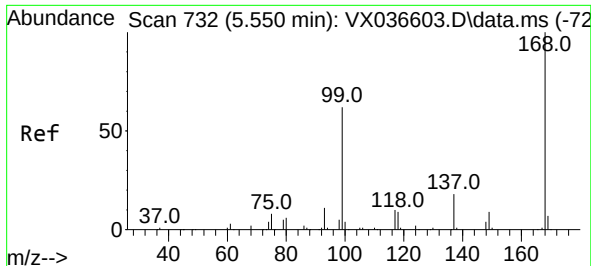
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
MSVOA\_X  
ClientSampleId :  
NEVINS-SB03-Z82-83

Quant Time: Aug 17 08:01:34 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072123W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 21 12:14:12 2023  
Response via : Initial Calibration

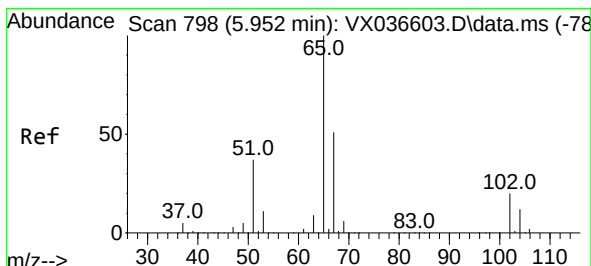
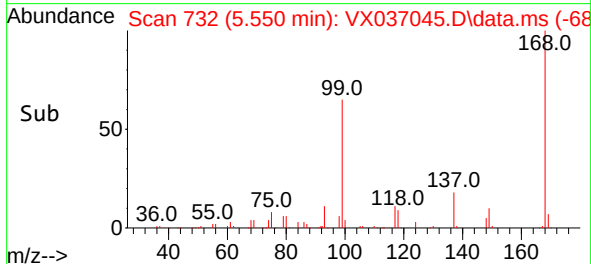
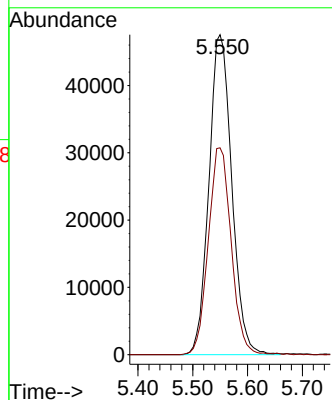
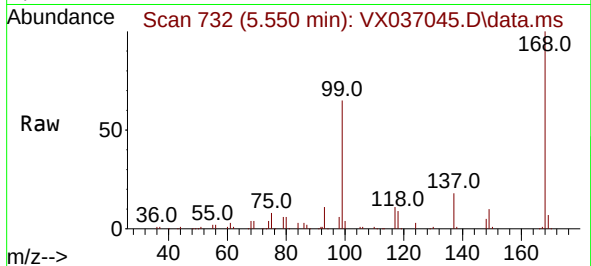




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 712  
Delta R.T. -0.000 min  
Lab File: VX037045.D  
Acq: 17 Aug 2023 07:35

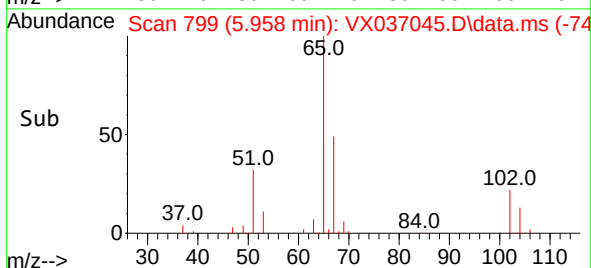
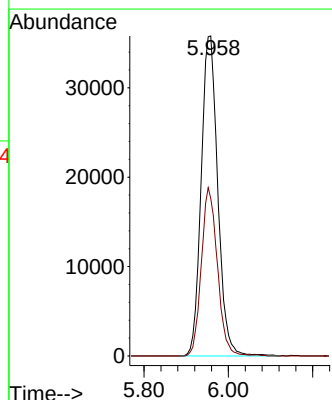
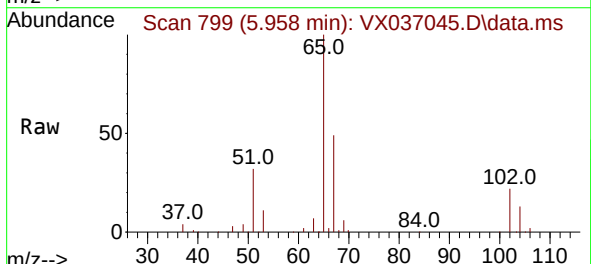
Instrument :  
MSVOA\_X  
ClientSampleId :  
NEVINS-SB03-Z82-83

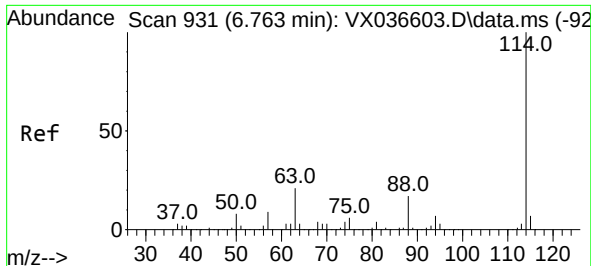
Tgt Ion:168 Resp: 137564  
Ion Ratio Lower Upper  
168 100  
99 64.7 56.6 85.0



#33  
1,2-Dichloroethane-d4  
Concen: 48.231 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.006 min  
Lab File: VX037045.D  
Acq: 17 Aug 2023 07:35

Tgt Ion: 65 Resp: 98172  
Ion Ratio Lower Upper  
65 100  
67 50.7 0.0 100.2

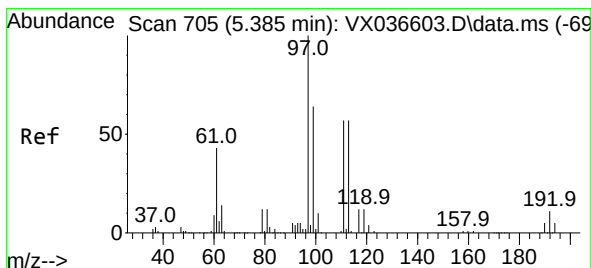
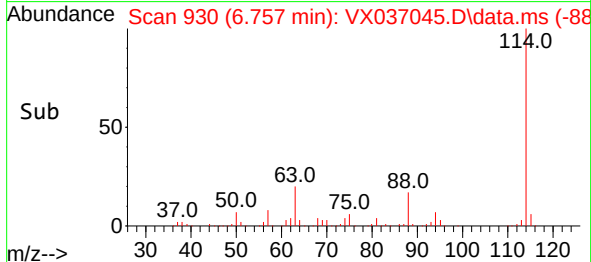
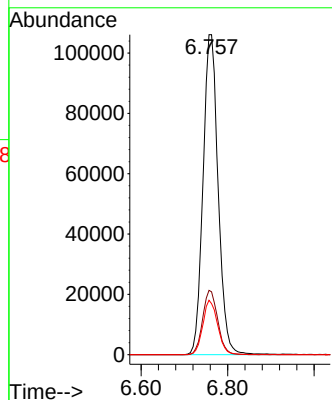
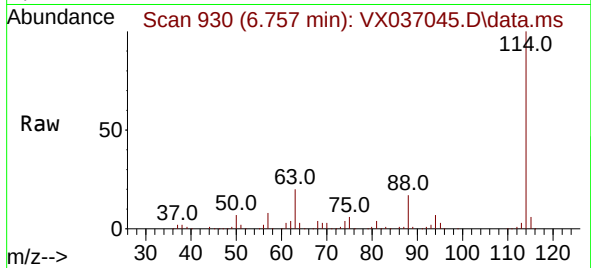




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VX037045.D  
Acq: 17 Aug 2023 07:35

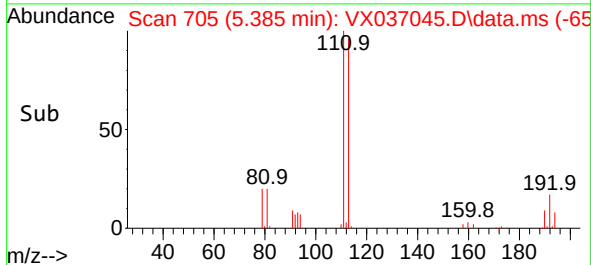
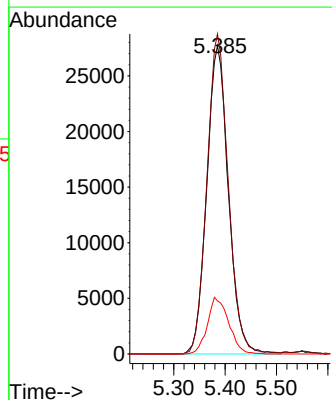
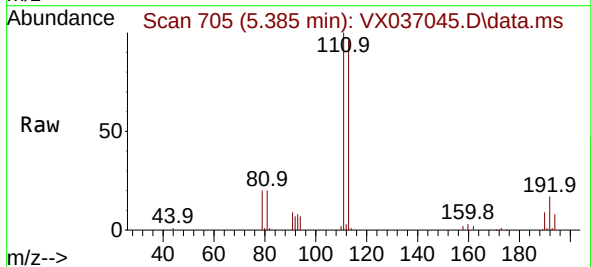
Instrument :  
MSVOA\_X  
ClientSampleId :  
NEVINS-SB03-Z82-83

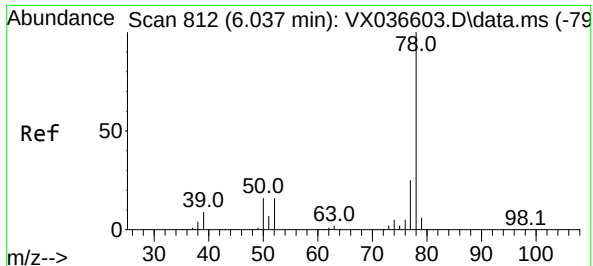
Tgt Ion:114 Resp: 257110  
Ion Ratio Lower Upper  
114 100  
63 20.1 0.0 45.0  
88 17.0 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 45.767 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX037045.D  
Acq: 17 Aug 2023 07:35

Tgt Ion:113 Resp: 80881  
Ion Ratio Lower Upper  
113 100  
111 102.8 82.9 124.3  
192 18.1 13.3 19.9

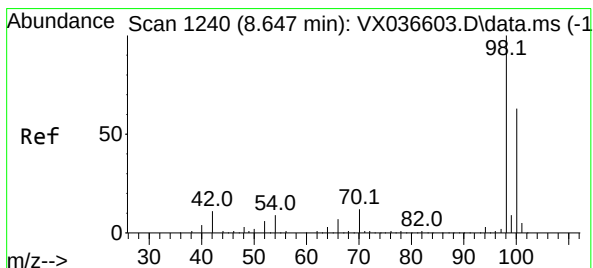
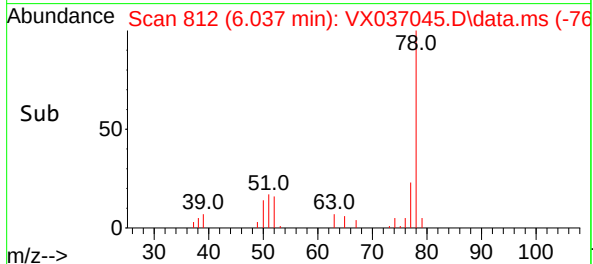
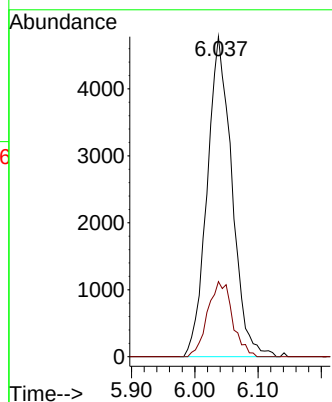
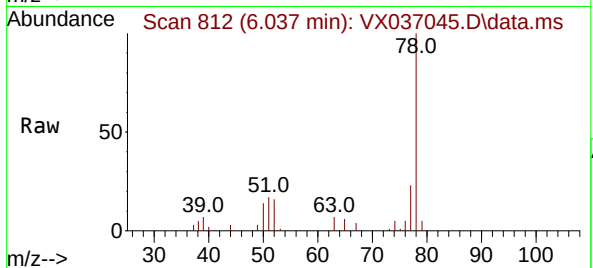




#40  
Benzene  
Concen: 1.697 ug/l  
RT: 6.037 min Scan# 812  
Delta R.T. -0.000 min  
Lab File: VX037045.D  
Acq: 17 Aug 2023 07:35

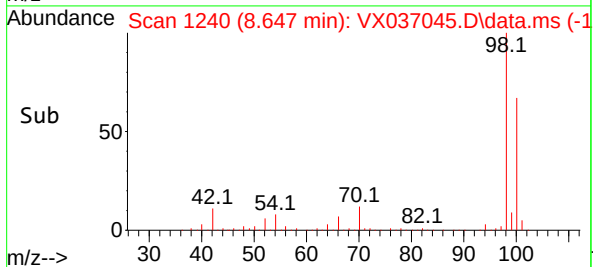
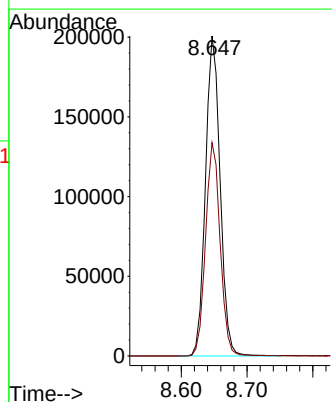
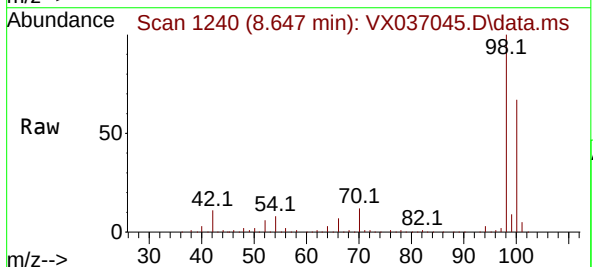
Instrument :  
MSVOA\_X  
ClientSampleId :  
NEVINS-SB03-Z82-83

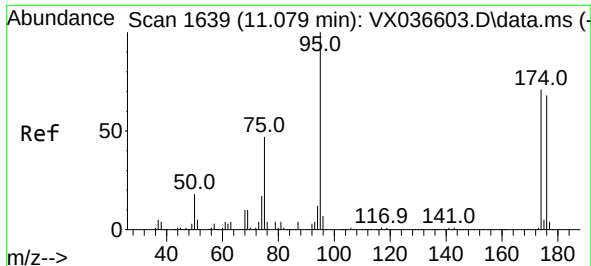
Tgt Ion: 78 Resp: 13007  
Ion Ratio Lower Upper  
78 100  
77 23.5 19.3 28.9



#50  
Toluene-d8  
Concen: 49.616 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX037045.D  
Acq: 17 Aug 2023 07:35

Tgt Ion: 98 Resp: 310945  
Ion Ratio Lower Upper  
98 100  
100 66.3 53.1 79.7

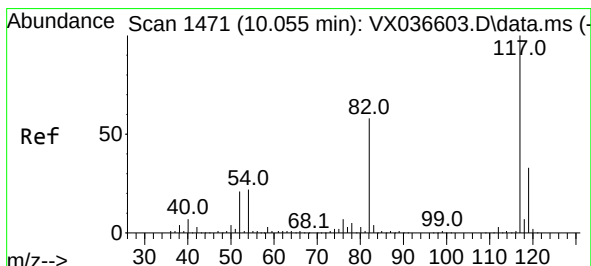
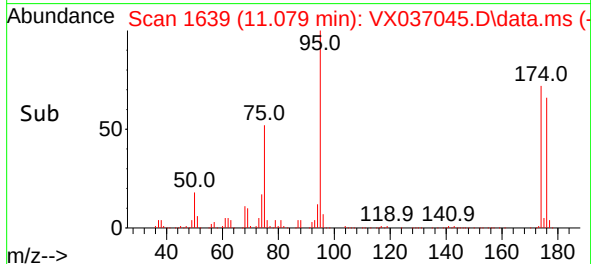
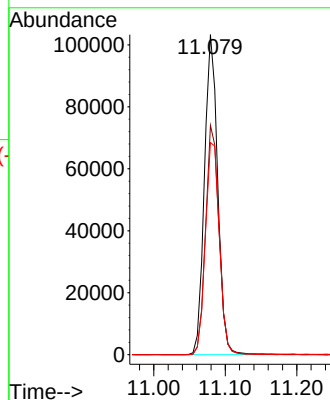
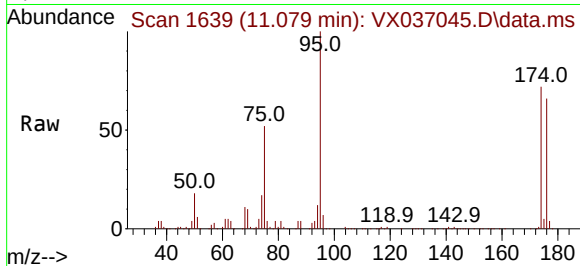




#62  
4-Bromofluorobenzene  
Concen: 56.427 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX037045.D  
Acq: 17 Aug 2023 07:35

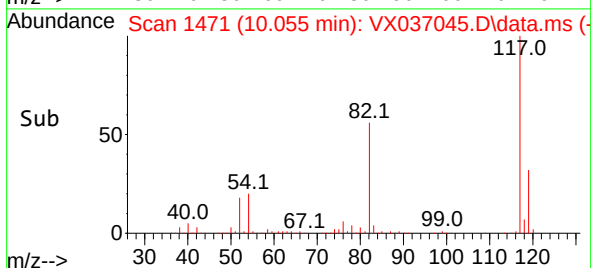
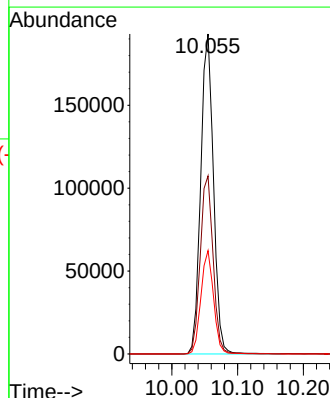
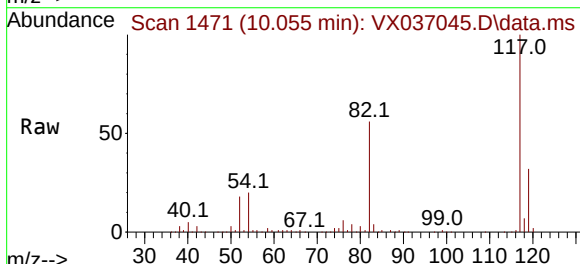
Instrument :  
MSVOA\_X  
ClientSampleId :  
NEVINS-SB03-Z82-83

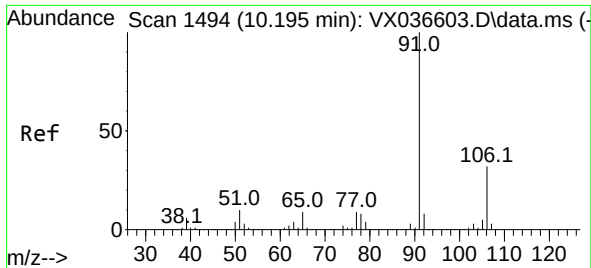
Tgt Ion: 95 Resp: 133418  
Ion Ratio Lower Upper  
95 100  
174 72.4 0.0 135.6  
176 69.9 0.0 131.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX037045.D  
Acq: 17 Aug 2023 07:35

Tgt Ion: 117 Resp: 259284  
Ion Ratio Lower Upper  
117 100  
82 55.6 46.2 69.4  
119 32.3 25.5 38.3

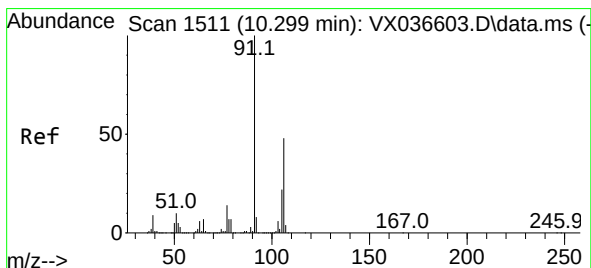
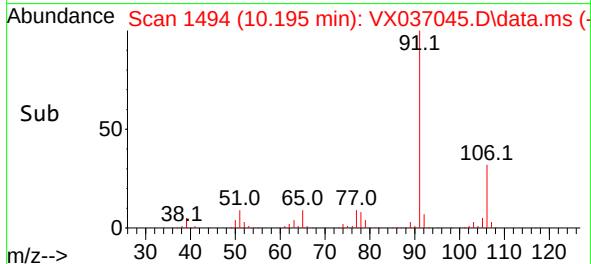
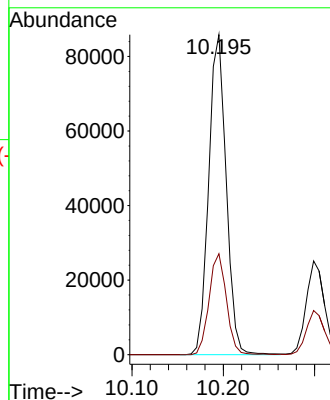
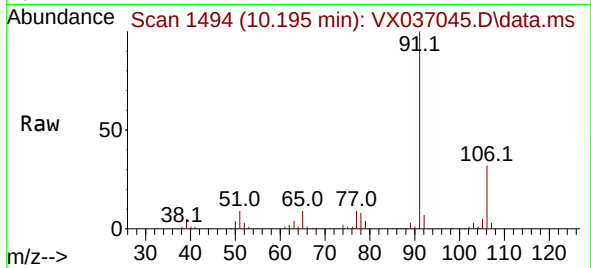




#67  
Ethyl Benzene  
Concen: 10.898 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. -0.000 min  
Lab File: VX037045.D  
Acq: 17 Aug 2023 07:35

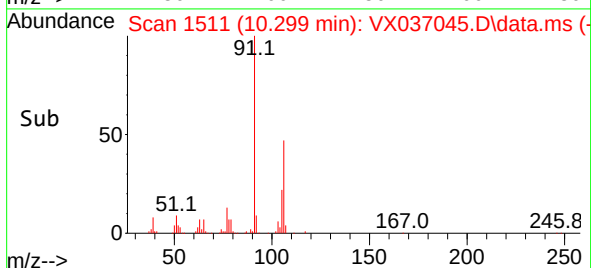
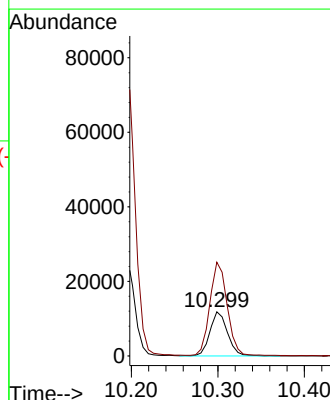
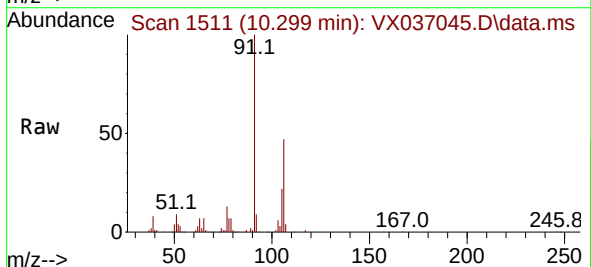
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NEVINS-SB03-Z82-83

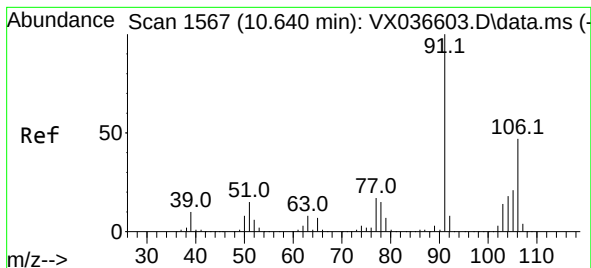
Tgt Ion: 91 Resp: 113790  
Ion Ratio Lower Upper  
91 100  
106 31.6 24.9 37.3



#68  
m/p-Xylenes  
Concen: 4.274 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VX037045.D  
Acq: 17 Aug 2023 07:35

Tgt Ion: 106 Resp: 16649  
Ion Ratio Lower Upper  
106 100  
91 210.5 165.5 248.3





#69

o-Xylene

Concen: 2.821 ug/l

RT: 10.640 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037045.D

Acq: 17 Aug 2023 07:35

Instrument :

MSVOA\_X

ClientSampleId :

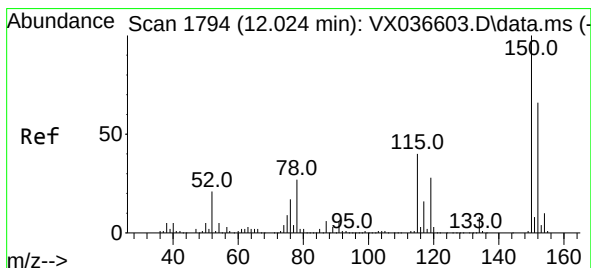
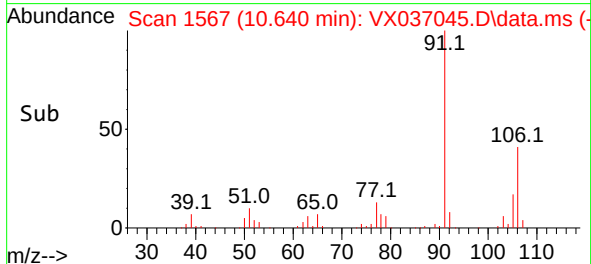
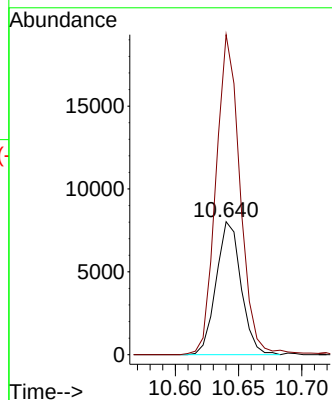
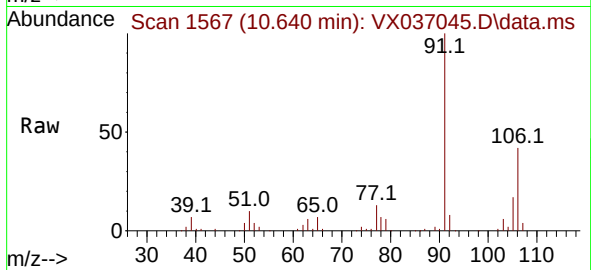
NEVINS-SB03-Z82-83

Tgt Ion:106 Resp: 10968

Ion Ratio Lower Upper

106 100

91 233.9 108.9 326.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX037045.D

Acq: 17 Aug 2023 07:35

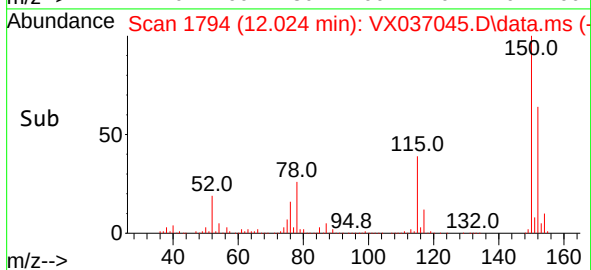
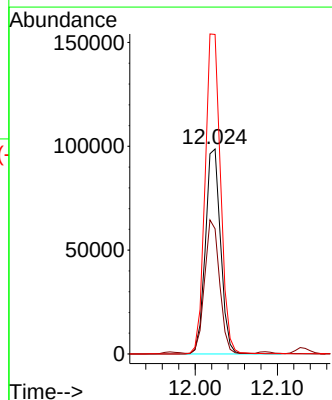
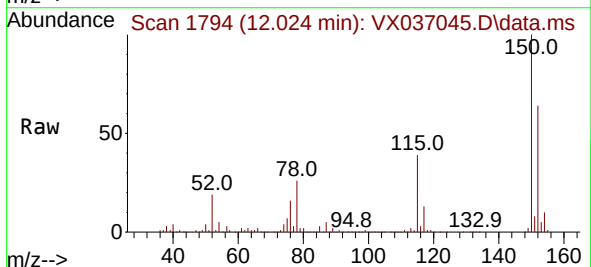
Tgt Ion:152 Resp: 126607

Ion Ratio Lower Upper

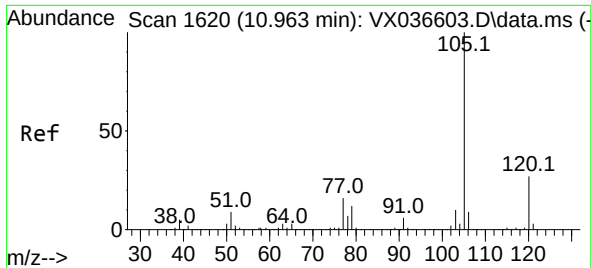
152 100

115 63.7 43.3 129.9

150 158.8 0.0 345.0



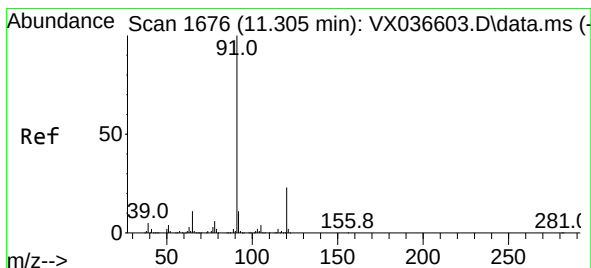
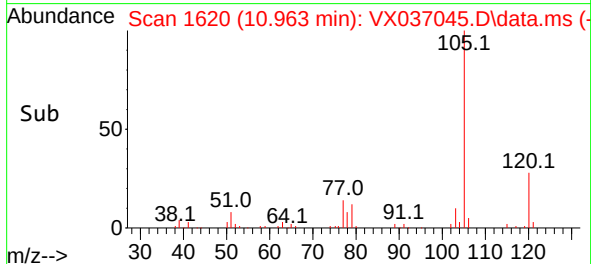
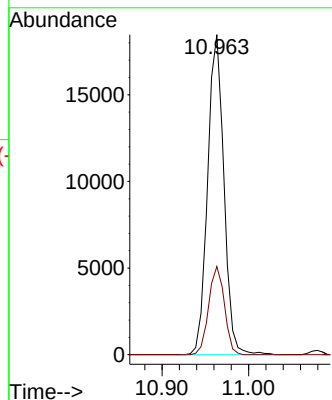
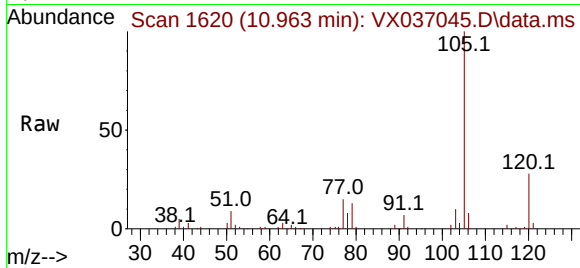




#73  
Isopropylbenzene  
Concen: 2.302 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. -0.000 min  
Lab File: VX037045.D  
Acq: 17 Aug 2023 07:35

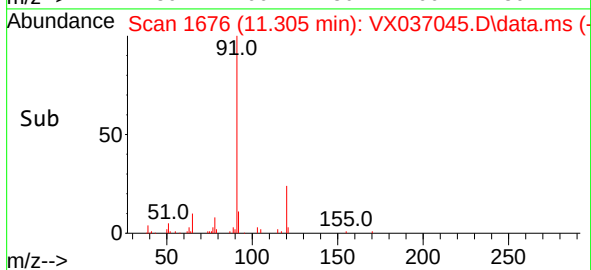
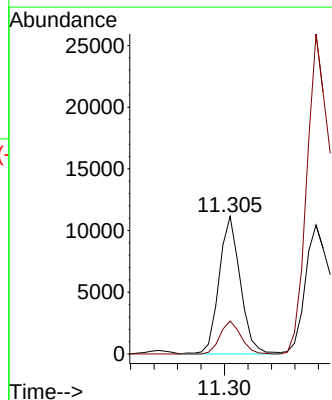
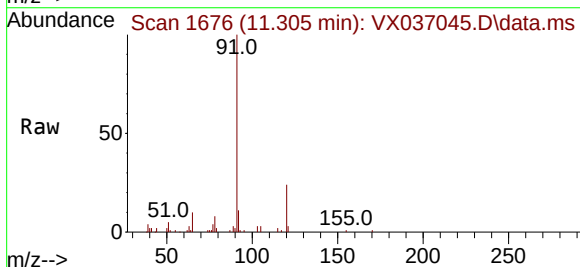
Instrument :  
MSVOA\_X  
ClientSampleId :  
NEVINS-SB03-Z82-83

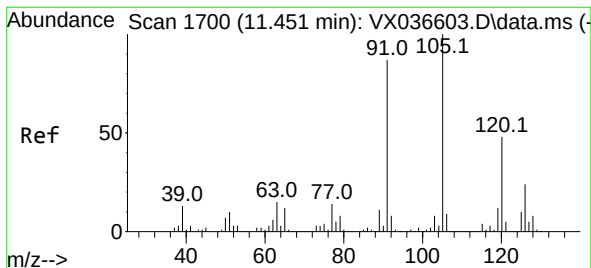
Tgt Ion:105 Resp: 24117  
Ion Ratio Lower Upper  
105 100  
120 26.6 12.9 38.6



#78  
n-propylbenzene  
Concen: 1.157 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX037045.D  
Acq: 17 Aug 2023 07:35

Tgt Ion: 91 Resp: 14022  
Ion Ratio Lower Upper  
91 100  
120 23.4 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 2.805 ug/l

RT: 11.451 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037045.D

Acq: 17 Aug 2023 07:35

Instrument :

MSVOA\_X

ClientSampleId :

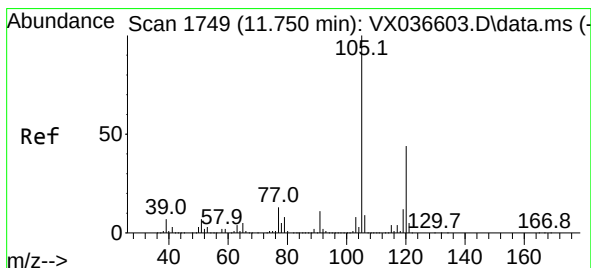
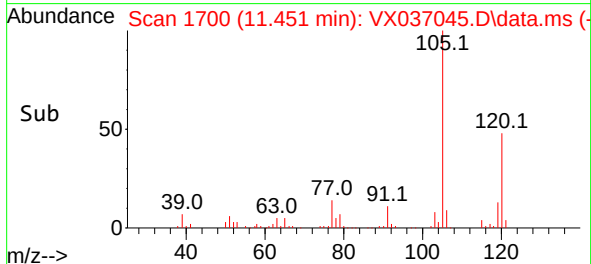
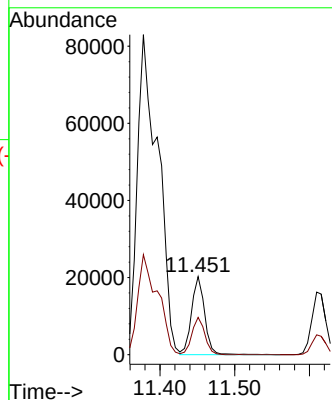
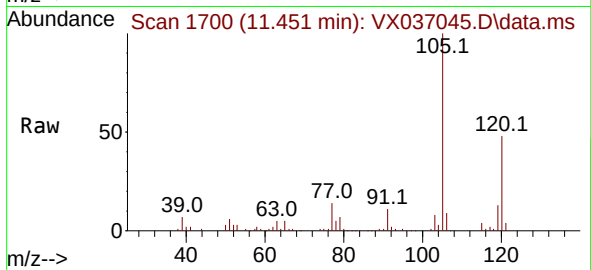
NEVINS-SB03-Z82-83

Tgt Ion:105 Resp: 24588

Ion Ratio Lower Upper

105 100

120 47.1 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 9.011 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX037045.D

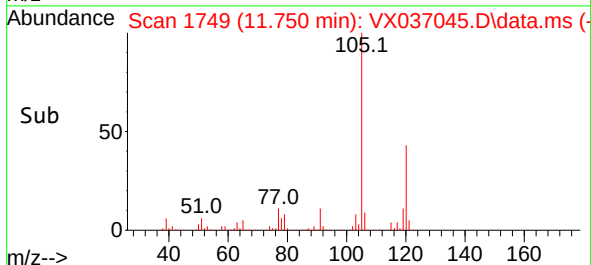
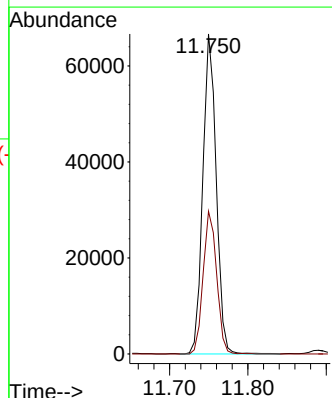
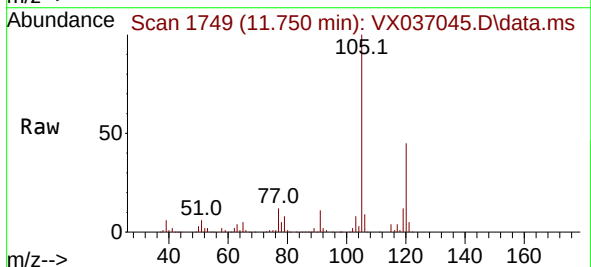
Acq: 17 Aug 2023 07:35

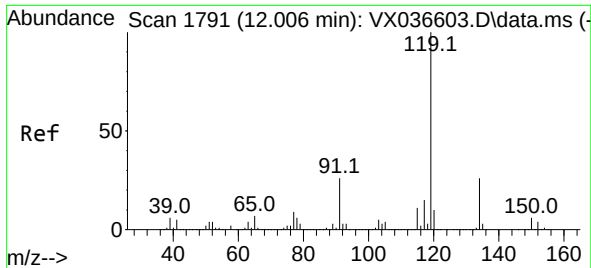
Tgt Ion:105 Resp: 78996

Ion Ratio Lower Upper

105 100

120 45.1 21.2 63.6





#86  
 p-Isopropyltoluene  
 Concen: 1.280 ug/l  
 RT: 12.006 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX037045.D  
 Acq: 17 Aug 2023 07:35

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 NEVINS-SB03-Z82-83

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 119   | Resp: | 11311 |
| Ion      | Ratio | Lower | Upper |
| 119      | 100   |       |       |
| 134      | 27.0  | 12.8  | 38.3  |
| 91       | 33.9  | 13.1  | 39.3  |

