

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX081523\  
 Data File : VX037001.D  
 Acq On : 15 Aug 2023 20:32  
 Operator : JC/MD  
 Sample : 03945-02ME 10X  
 Misc : 6.30g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 NEVINS-SB01-Z78-80ME

Quant Time: Aug 16 05:37:37 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

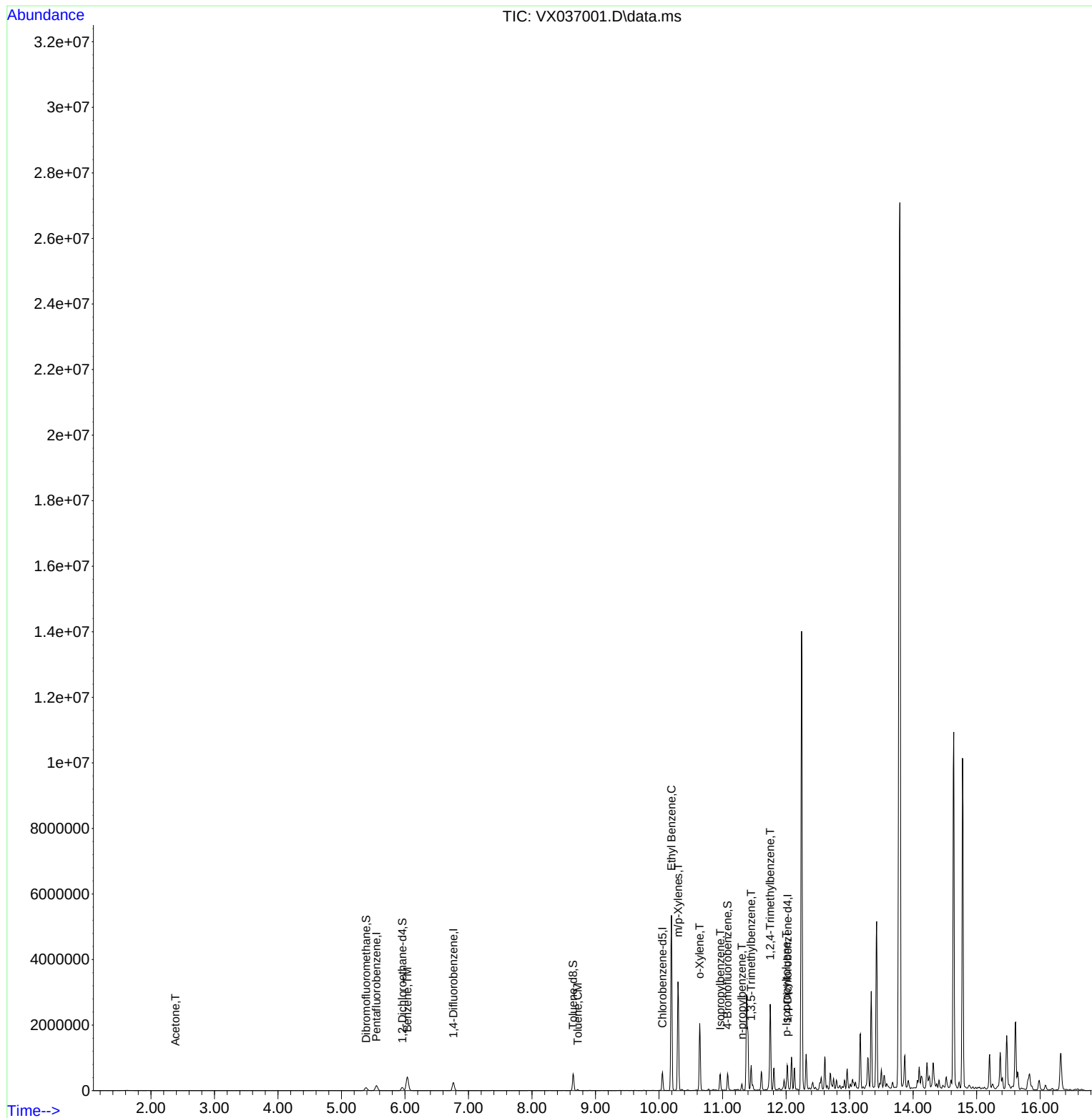
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 139461   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 254498   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 253086   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 134568   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 96299    | 46.667   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 93.340%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 80490    | 46.013   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 92.020%  |
| 50) Toluene-d8              | 8.647  | 98    | 308818   | 49.783   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 99.560%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 132609   | 56.661   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 113.320% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.386  | 43    | 2640     | 3.083    | ug/l   | 94       |
| 40) Benzene                 | 6.037  | 78    | 516576   | 68.098   | ug/l   | 99       |
| 52) Toluene                 | 8.720  | 92    | 12662    | 2.664    | ug/l   | 94       |
| 67) Ethyl Benzene           | 10.195 | 91    | 3023883  | 296.712  | ug/l   | 96       |
| 68) m/p-Xylenes             | 10.299 | 106   | 780945   | 205.378  | ug/l   | 96       |
| 69) o-Xylene                | 10.640 | 106   | 436485   | 115.000  | ug/l   | 98       |
| 73) Isopropylbenzene        | 10.963 | 105   | 258679   | 23.228   | ug/l   | 99       |
| 78) n-propylbenzene         | 11.305 | 91    | 118671   | 9.214    | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene  | 11.451 | 105   | 320168   | 34.365   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene  | 11.750 | 105   | 1131906  | 121.483  | ug/l   | 95       |
| 86) p-Isopropyltoluene      | 12.006 | 119   | 70434    | 7.499    | ug/l # | 74       |
| -----                       |        |       |          |          |        |          |

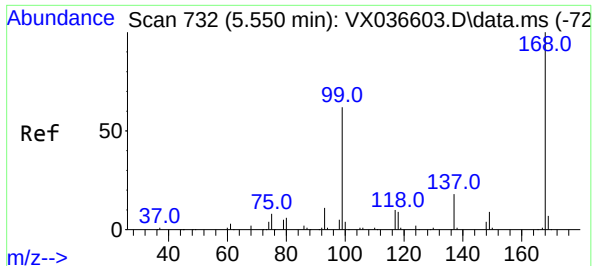
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX081523\  
Data File : VX037001.D  
Acq On : 15 Aug 2023 20:32  
Operator : JC/MD  
Sample : 03945-02ME 10X  
Misc : 6.30g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
NEVINS-SB01-Z78-80ME

Quant Time: Aug 16 05:37:37 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

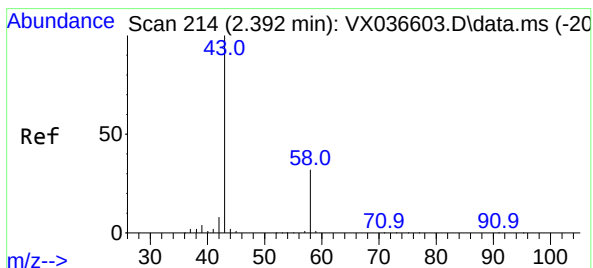
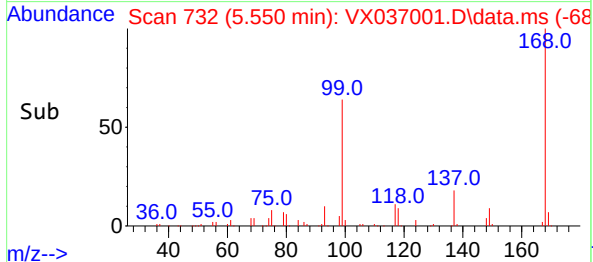
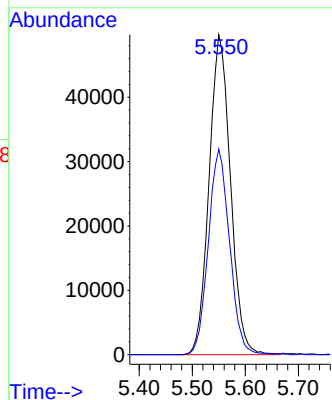
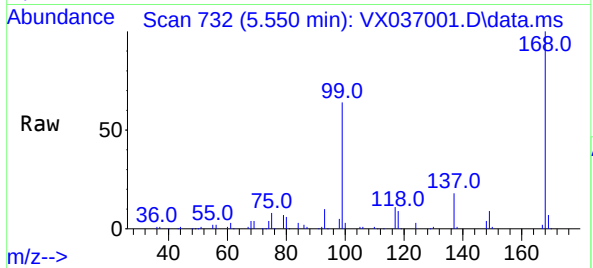




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX037001.D  
Acq: 15 Aug 2023 20:32

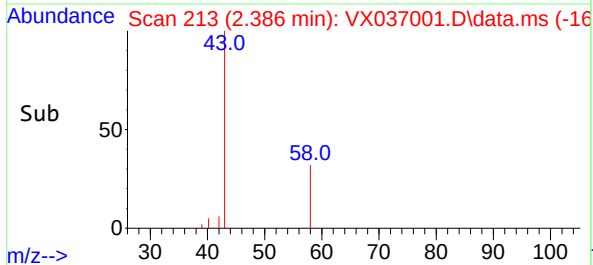
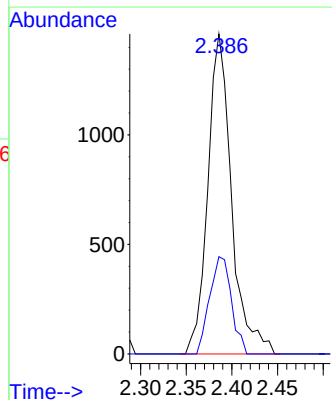
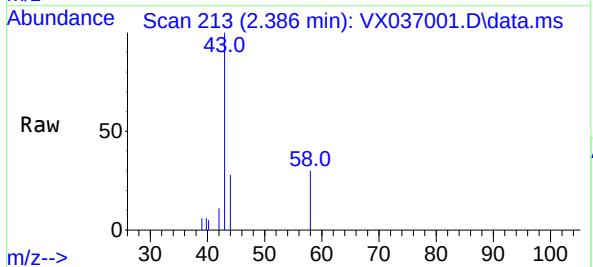
Instrument :  
MSVOA\_X  
ClientSampleId :  
NEVINS-SB01-Z78-80ME

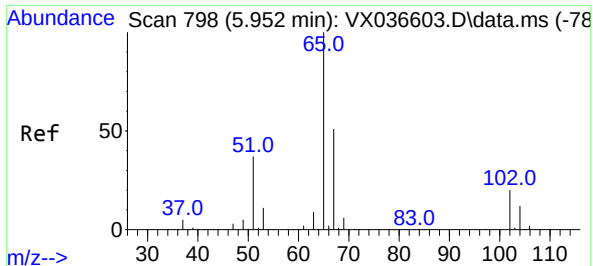
Tgt Ion:168 Resp: 139461  
Ion Ratio Lower Upper  
168 100  
99 64.2 56.6 85.0



#16  
Acetone  
Concen: 3.083 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX037001.D  
Acq: 15 Aug 2023 20:32

Tgt Ion: 43 Resp: 2640  
Ion Ratio Lower Upper  
43 100  
58 30.4 21.9 32.9

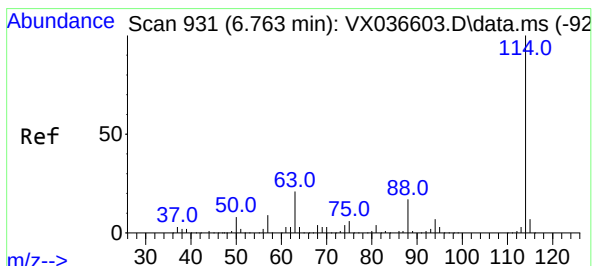
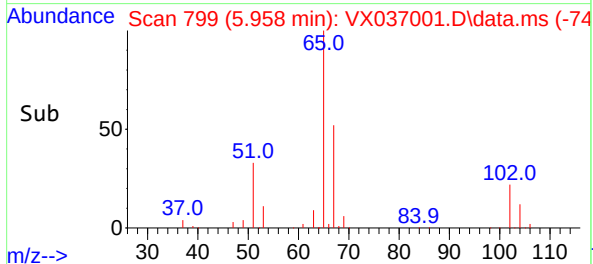
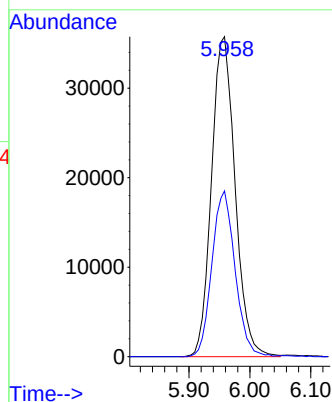
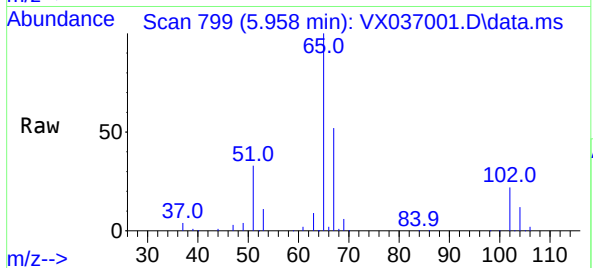




#33  
1,2-Dichloroethane-d4  
Concen: 46.667 ug/l  
RT: 5.958 min Scan# 798  
Delta R.T. 0.006 min  
Lab File: VX037001.D  
Acq: 15 Aug 2023 20:32

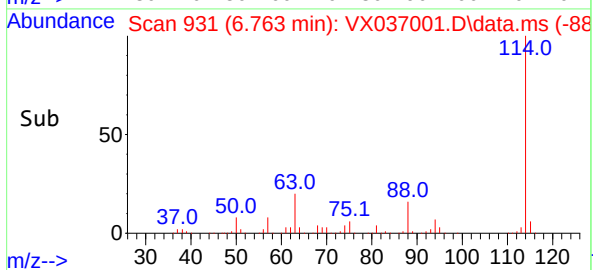
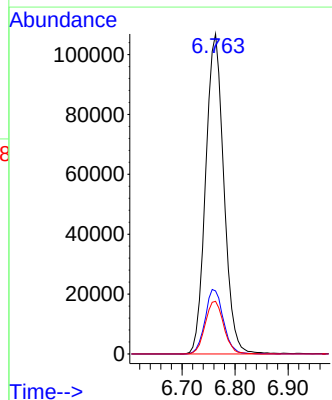
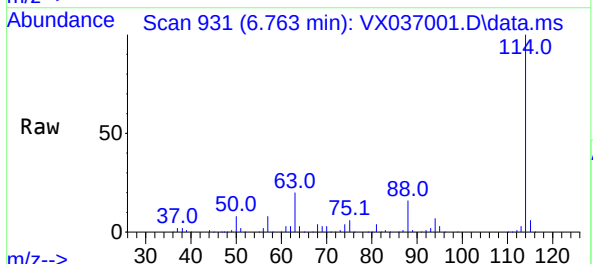
Instrument :  
MSVOA\_X  
ClientSampleId :  
NEVINS-SB01-Z78-80ME

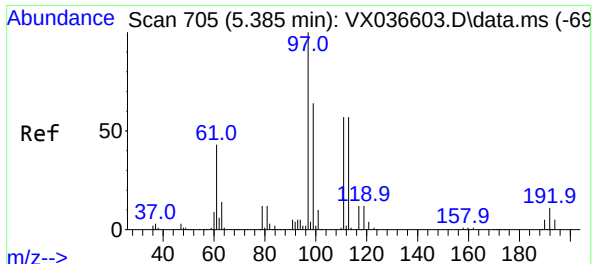
Tgt Ion: 65 Resp: 96299  
Ion Ratio Lower Upper  
65 100  
67 50.8 0.0 100.2



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 931  
Delta R.T. 0.000 min  
Lab File: VX037001.D  
Acq: 15 Aug 2023 20:32

Tgt Ion: 114 Resp: 254498  
Ion Ratio Lower Upper  
114 100  
63 19.7 0.0 45.0  
88 16.5 0.0 36.6

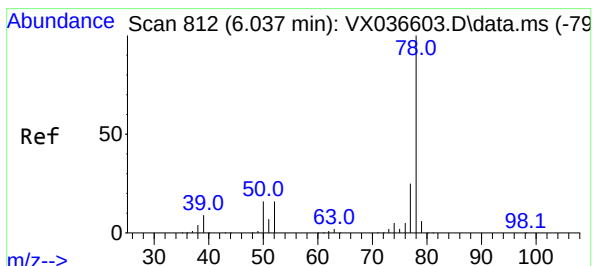
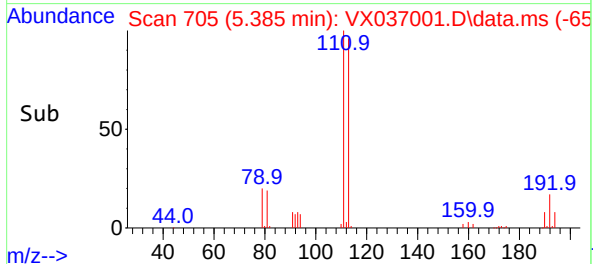
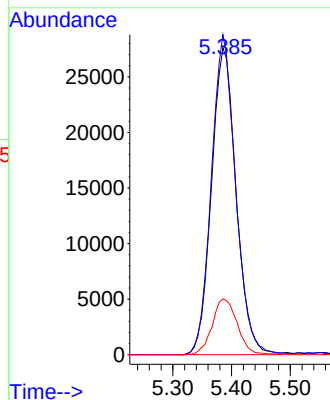
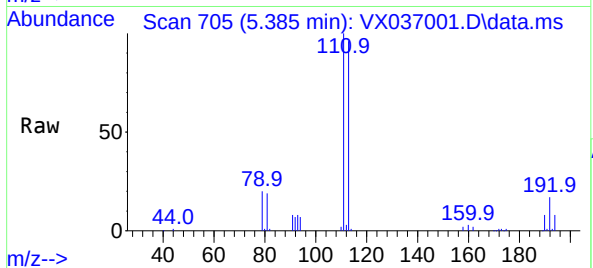




#35  
Dibromofluoromethane  
Concen: 46.013 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX037001.D  
Acq: 15 Aug 2023 20:32

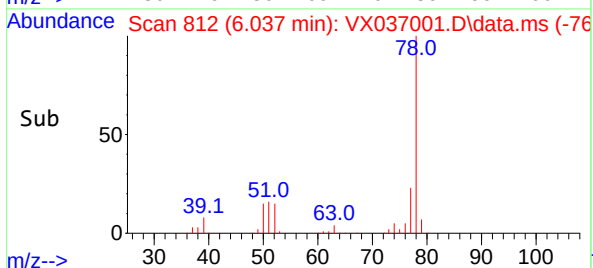
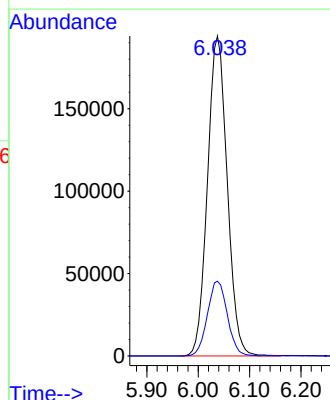
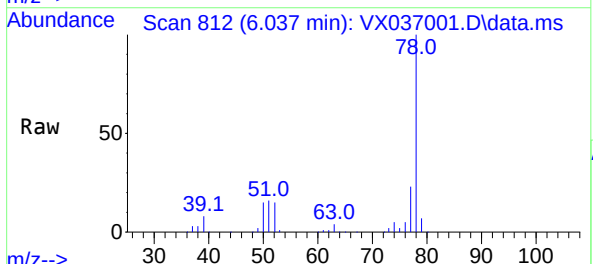
Instrument :  
MSVOA\_X  
ClientSampleId :  
NEVINS-SB01-Z78-80ME

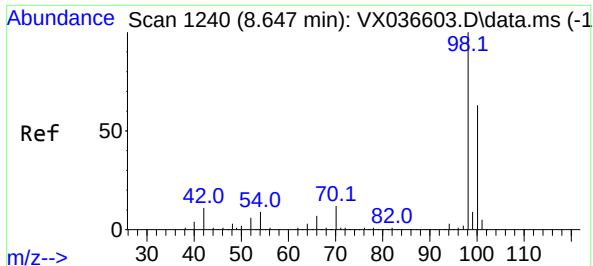
Tgt Ion:113 Resp: 80490  
Ion Ratio Lower Upper  
113 100  
111 102.4 82.9 124.3  
192 18.5 13.3 19.9



#40  
Benzene  
Concen: 68.098 ug/l  
RT: 6.037 min Scan# 812  
Delta R.T. 0.000 min  
Lab File: VX037001.D  
Acq: 15 Aug 2023 20:32

Tgt Ion: 78 Resp: 516576  
Ion Ratio Lower Upper  
78 100  
77 23.4 19.3 28.9

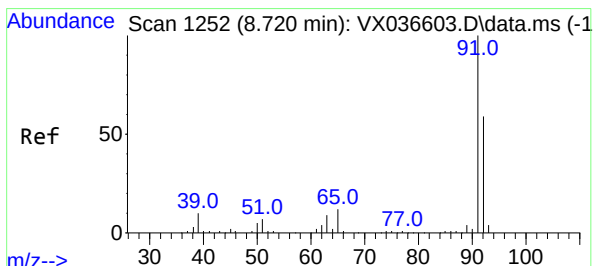
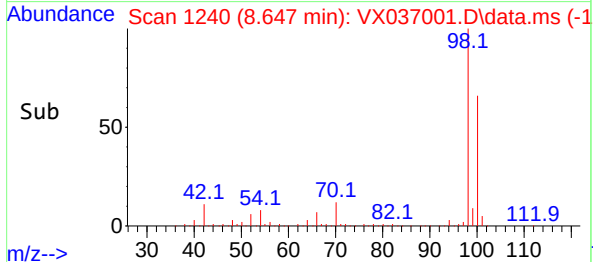
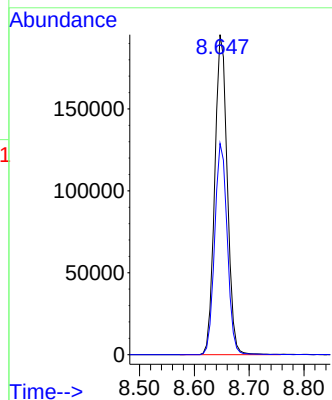
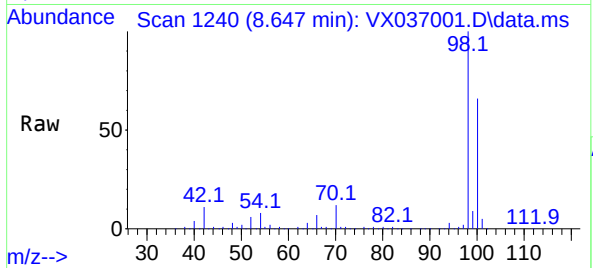




#50  
Toluene-d8  
Concen: 49.783 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX037001.D  
Acq: 15 Aug 2023 20:32

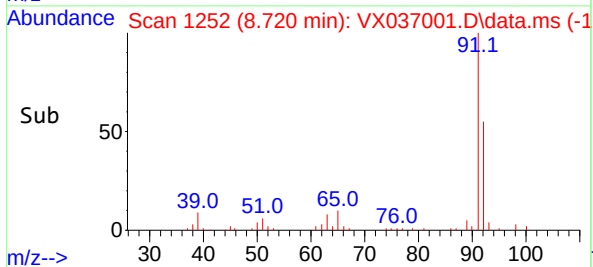
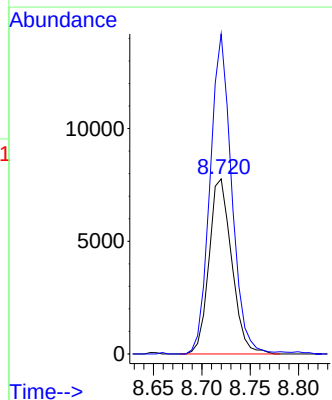
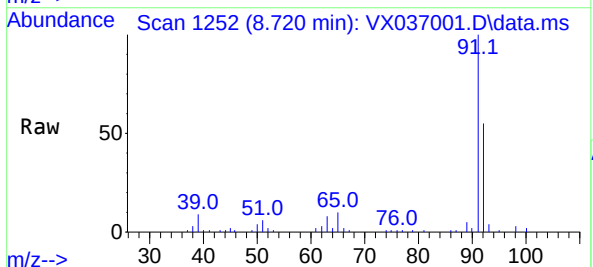
Instrument :  
MSVOA\_X  
ClientSampleId :  
NEVINS-SB01-Z78-80ME

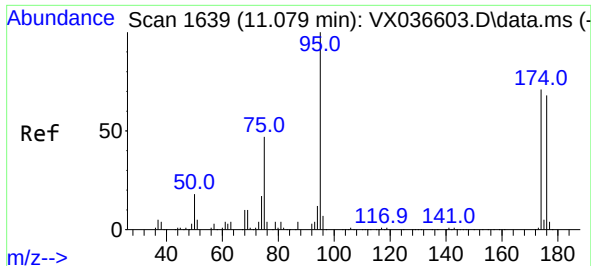
Tgt Ion: 98 Resp: 308818  
Ion Ratio Lower Upper  
98 100  
100 66.3 53.1 79.7



#52  
Toluene  
Concen: 2.664 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX037001.D  
Acq: 15 Aug 2023 20:32

Tgt Ion: 92 Resp: 12662  
Ion Ratio Lower Upper  
92 100  
91 175.4 134.2 201.2

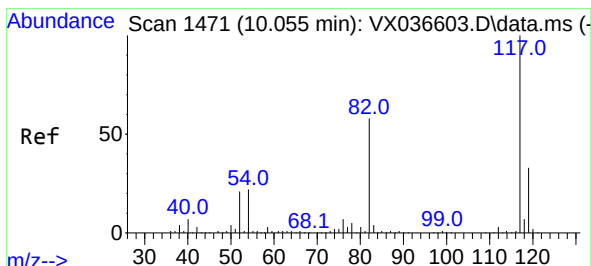
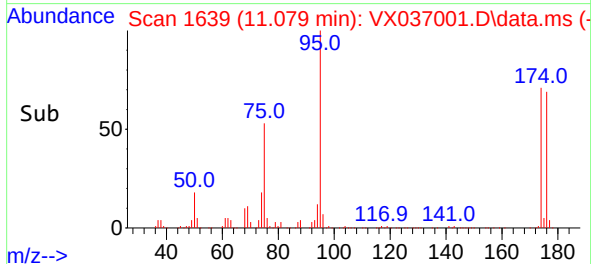
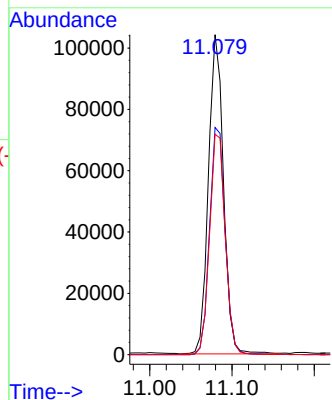
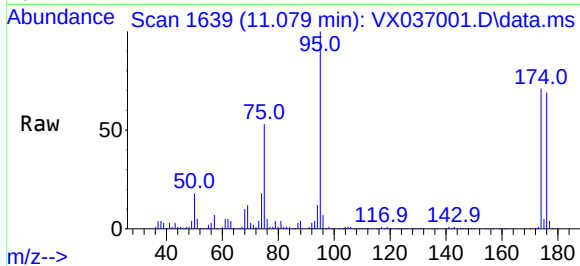




#62  
4-Bromofluorobenzene  
Concen: 56.661 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX037001.D  
Acq: 15 Aug 2023 20:32

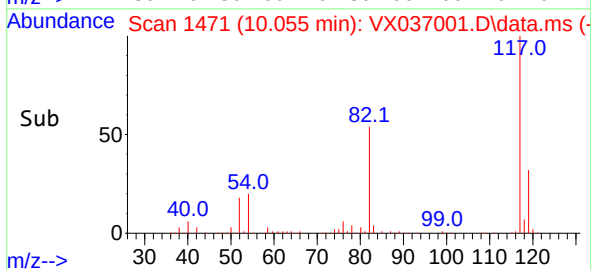
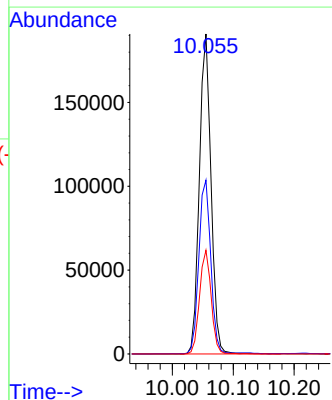
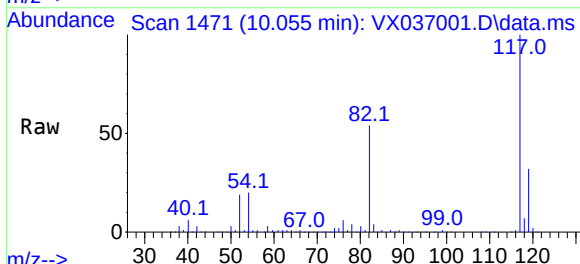
Instrument :  
MSVOA\_X  
ClientSampleId :  
NEVINS-SB01-Z78-80ME

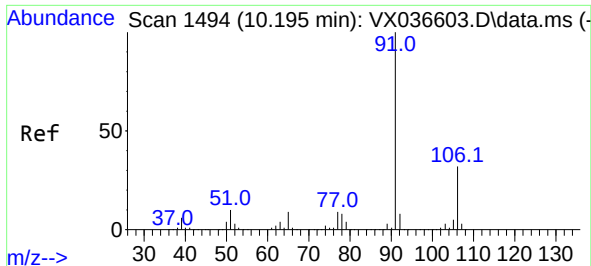
Tgt Ion: 95 Resp: 132609  
Ion Ratio Lower Upper  
95 100  
174 73.5 0.0 135.6  
176 71.4 0.0 131.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX037001.D  
Acq: 15 Aug 2023 20:32

Tgt Ion: 117 Resp: 253086  
Ion Ratio Lower Upper  
117 100  
82 54.2 46.2 69.4  
119 32.4 25.5 38.3

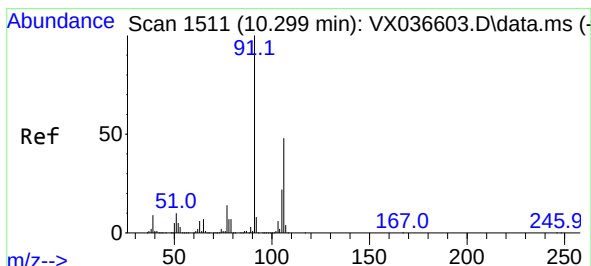
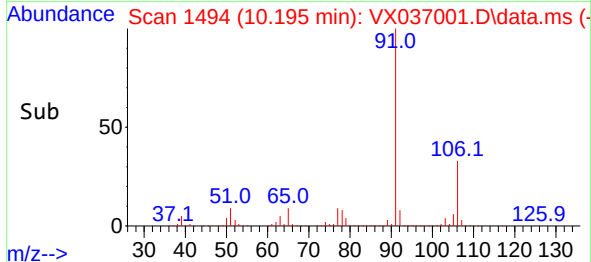
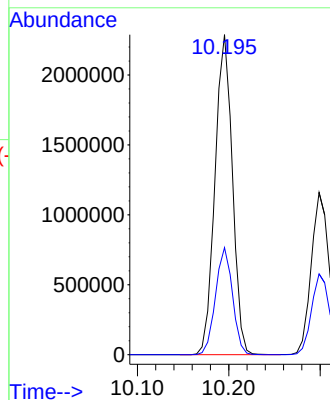
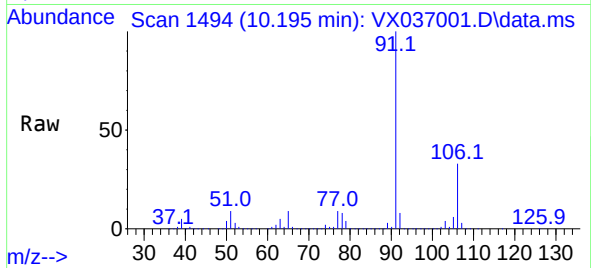




#67  
Ethyl Benzene  
Concen: 296.712 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX037001.D  
Acq: 15 Aug 2023 20:32

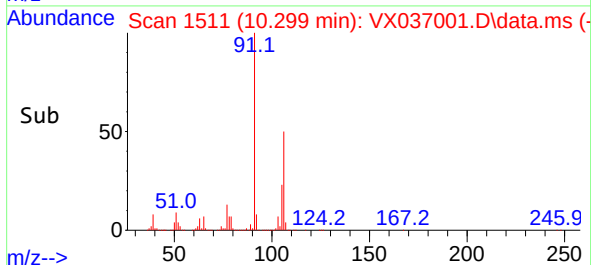
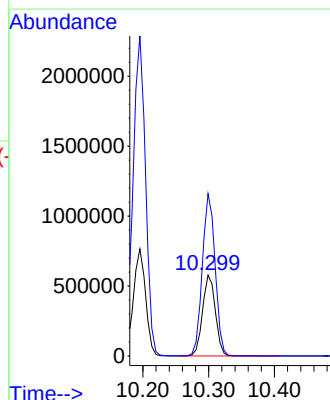
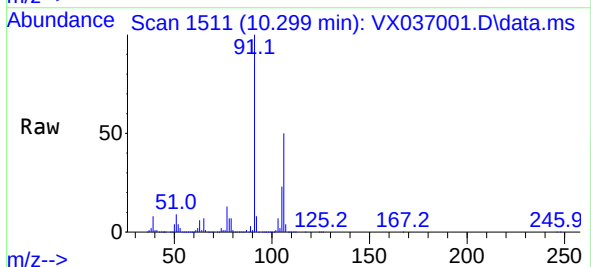
Instrument :  
MSVOA\_X  
ClientSampleId :  
NEVINS-SB01-Z78-80ME

Tgt Ion: 91 Resp: 3023883  
Ion Ratio Lower Upper  
91 100  
106 33.5 24.9 37.3

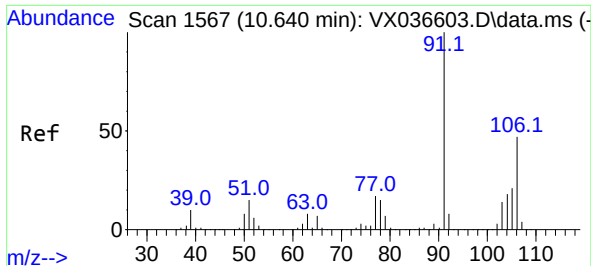


#68  
m/p-Xylenes  
Concen: 205.378 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX037001.D  
Acq: 15 Aug 2023 20:32

Tgt Ion: 106 Resp: 780945  
Ion Ratio Lower Upper  
106 100  
91 200.8 165.5 248.3



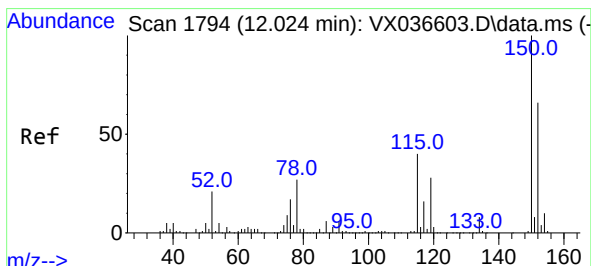
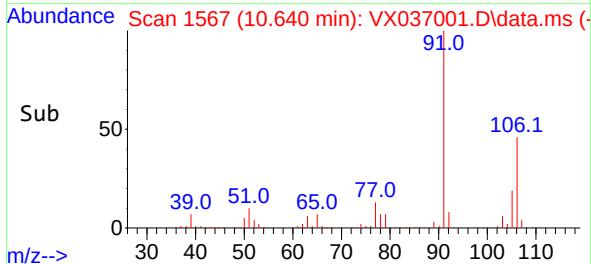
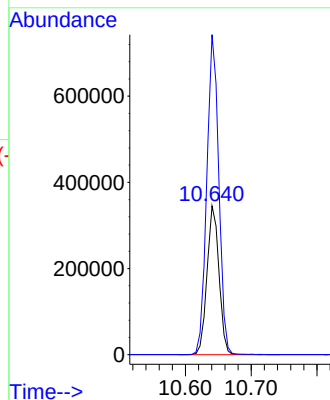
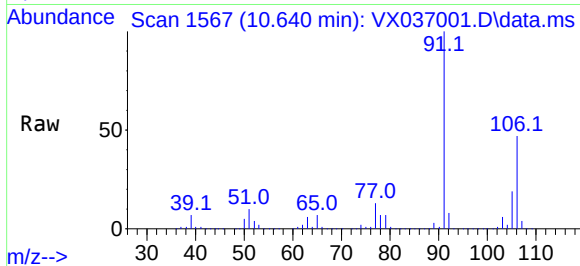




#69  
o-Xylene  
Concen: 115.000 ug/l  
RT: 10.640 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX037001.D  
Acq: 15 Aug 2023 20:32

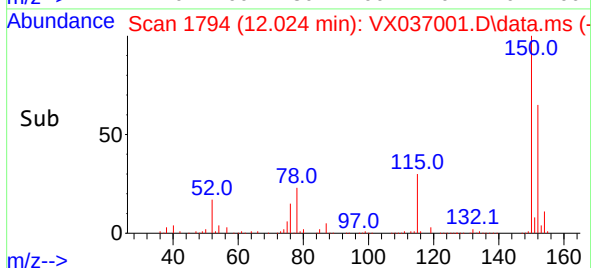
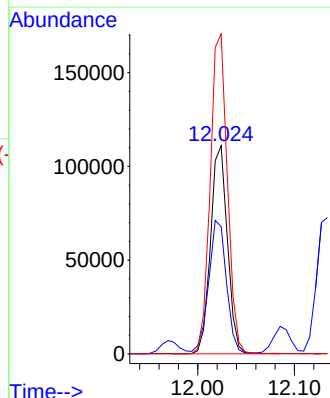
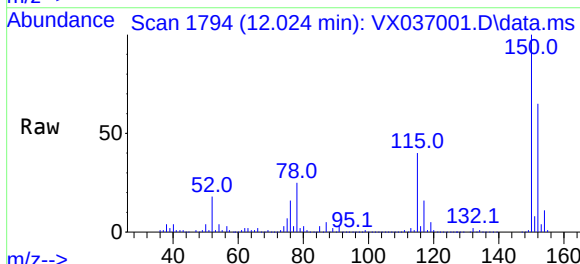
Instrument :  
MSVOA\_X  
ClientSampleId :  
NEVINS-SB01-Z78-80ME

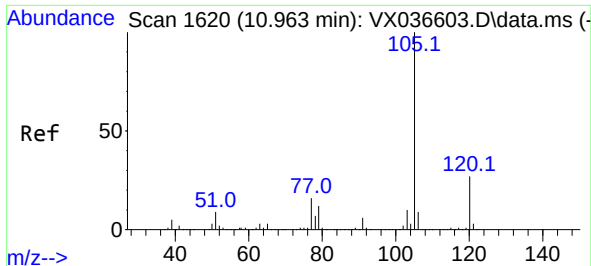
Tgt Ion:106 Resp: 436485  
Ion Ratio Lower Upper  
106 100  
91 215.5 108.9 326.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX037001.D  
Acq: 15 Aug 2023 20:32

Tgt Ion:152 Resp: 134568  
Ion Ratio Lower Upper  
152 100  
115 66.6 43.3 129.9  
150 156.6 0.0 345.0

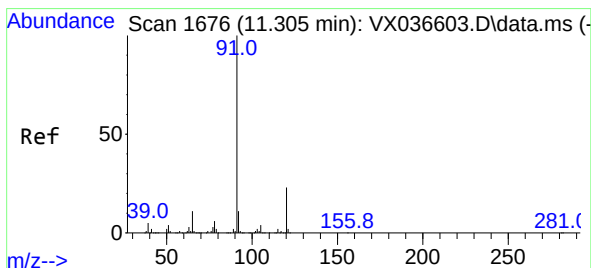
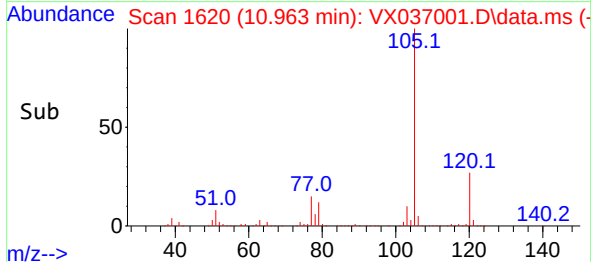
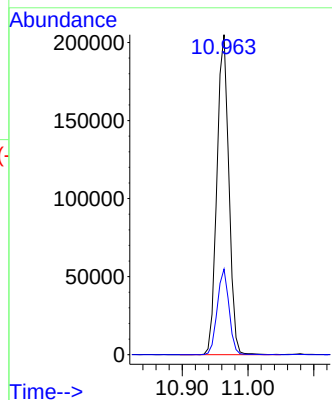
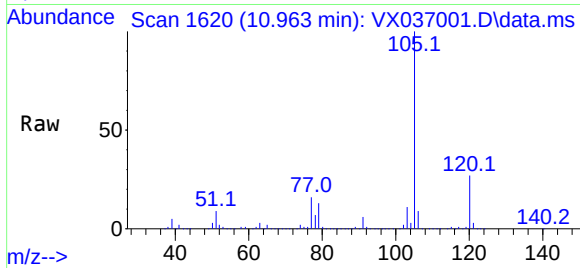




#73  
Isopropylbenzene  
Concen: 23.228 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX037001.D  
Acq: 15 Aug 2023 20:32

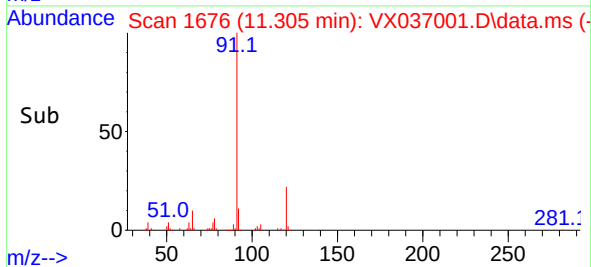
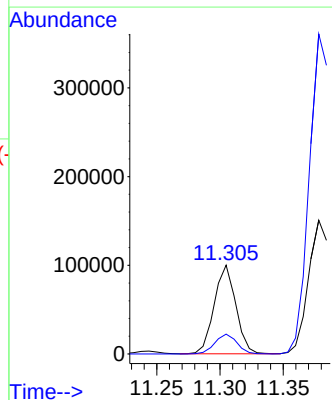
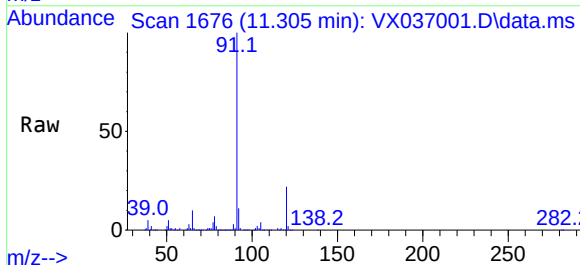
Instrument :  
MSVOA\_X  
ClientSampleId :  
NEVINS-SB01-Z78-80ME

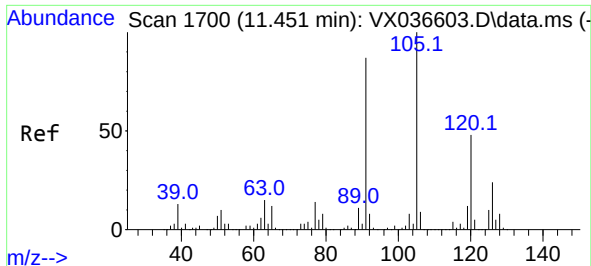
Tgt Ion:105 Resp: 258679  
Ion Ratio Lower Upper  
105 100  
120 26.3 12.9 38.6



#78  
n-propylbenzene  
Concen: 9.214 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VX037001.D  
Acq: 15 Aug 2023 20:32

Tgt Ion: 91 Resp: 118671  
Ion Ratio Lower Upper  
91 100  
120 22.9 11.5 34.4

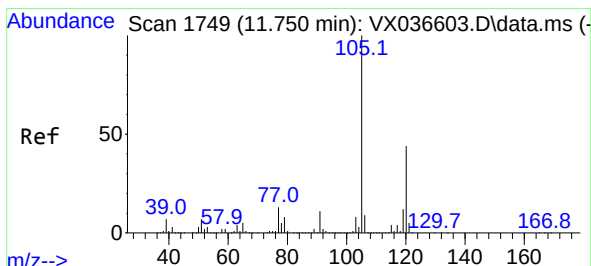
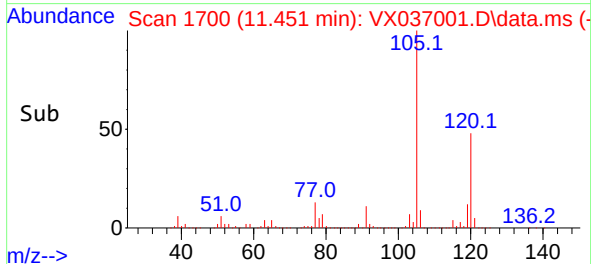
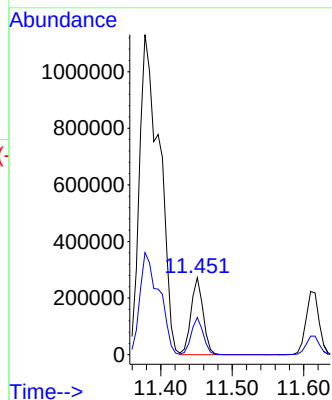
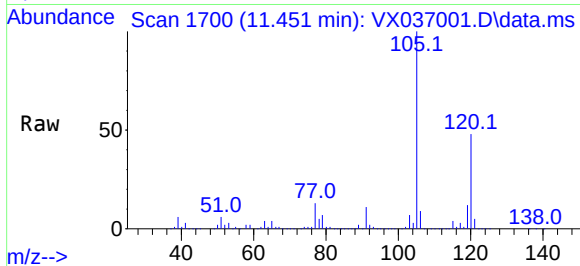




#80  
1,3,5-Trimethylbenzene  
Concen: 34.365 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX037001.D  
Acq: 15 Aug 2023 20:32

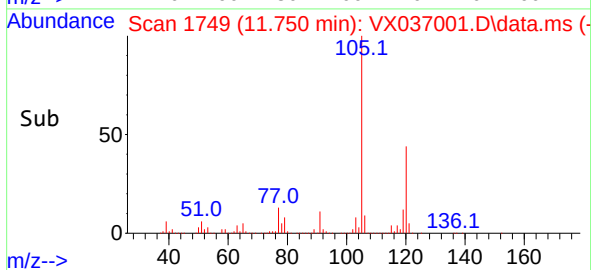
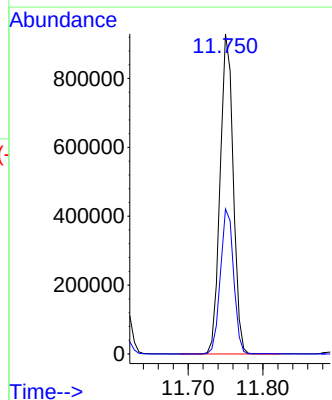
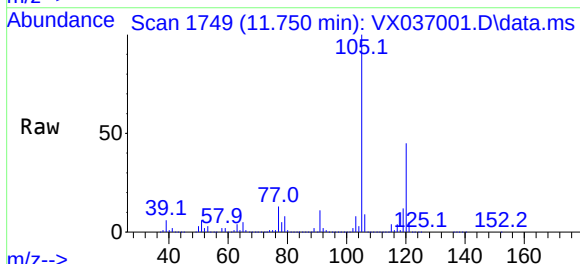
Instrument :  
MSVOA\_X  
ClientSampleId :  
NEVINS-SB01-Z78-80ME

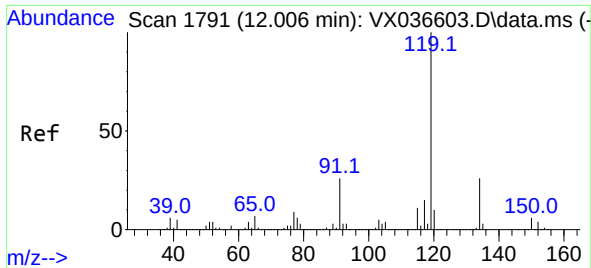
Tgt Ion:105 Resp: 320168  
Ion Ratio Lower Upper  
105 100  
120 47.8 24.1 72.3



#84  
1,2,4-Trimethylbenzene  
Concen: 121.483 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VX037001.D  
Acq: 15 Aug 2023 20:32

Tgt Ion:105 Resp: 1131906  
Ion Ratio Lower Upper  
105 100  
120 45.6 21.2 63.6





#86  
 p-Isopropyltoluene  
 Concen: 7.499 ug/l  
 RT: 12.006 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX037001.D  
 Acq: 15 Aug 2023 20:32

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 NEVINS-SB01-Z78-80ME

Tgt Ion:119 Resp: 70434  
 Ion Ratio Lower Upper  
 119 100  
 134 25.2 12.8 38.3  
 91 0.0 13.1 39.3#

