

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062921\  
 Data File : VX023005.D  
 Acq On : 29 Jun 2021 15:55  
 Operator : JC/MD  
 Sample : M2875-15  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-1A

Quant Time: Jun 30 01:44:27 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062321W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 23 19:12:26 2021  
 Response via : Initial Calibration

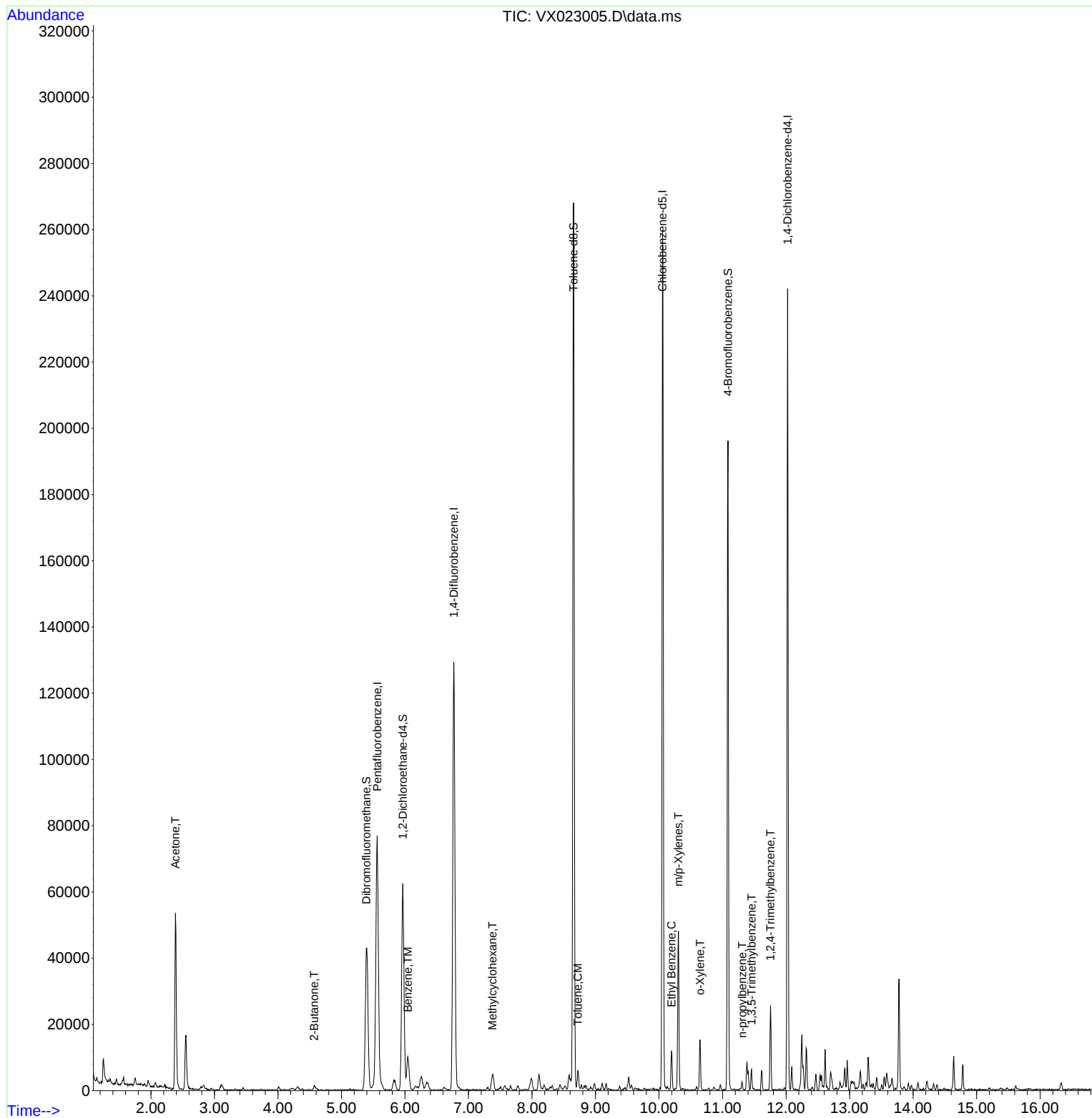
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.562  | 168   | 56127    | 50.00    | ug/l       | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.769  | 114   | 116640   | 50.00    | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 101094   | 50.00    | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 38889    | 50.00    | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 59841    | 58.75    | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 117.50%# |          |
| 35) Dibromofluoromethane    | 5.391  | 113   | 37385    | 50.47    | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 100.94%  |          |
| 50) Toluene-d8              | 8.653  | 98    | 142927   | 49.24    | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 98.48%   |          |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 53476    | 49.36    | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 98.72%   |          |
| Target Compounds            |        |       |          |          |            |          |
|                             |        |       |          |          |            | Qvalue   |
| 16) Acetone                 | 2.386  | 43    | 55904    | 123.80   | ug/l       | 88       |
| 25) 2-Butanone              | 4.568  | 43    | 2126     | 3.03     | ug/l       | 97       |
| 39) Methylcyclohexane       | 7.379  | 83    | 2043     | 1.41     | ug/l #     | 90       |
| 40) Benzene                 | 6.044  | 78    | 10609    | 2.97     | ug/l       | 93       |
| 52) Toluene                 | 8.720  | 92    | 2054     | 0.95     | ug/l       | 93       |
| 67) Ethyl Benzene           | 10.195 | 91    | 6588     | 1.68     | ug/l #     | 86       |
| 68) m/p-Xylenes             | 10.305 | 106   | 9629     | 6.61     | ug/l       | 85       |
| 69) o-Xylene                | 10.646 | 106   | 2883     | 2.03     | ug/l       | 85       |
| 78) n-propylbenzene         | 11.311 | 91    | 1682     | 0.42     | ug/l       | 84       |
| 80) 1,3,5-Trimethylbenzene  | 11.457 | 105   | 2623     | 0.97     | ug/l       | 86       |
| 84) 1,2,4-Trimethylbenzene  | 11.756 | 105   | 10512    | 3.87     | ug/l       | 93       |
| -----                       |        |       |          |          |            |          |

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

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Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-1A

Quant Time: Jun 30 01:44:27 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062321W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 23 19:12:26 2021  
Response via : Initial Calibration

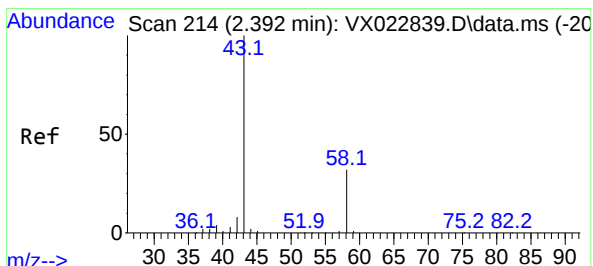
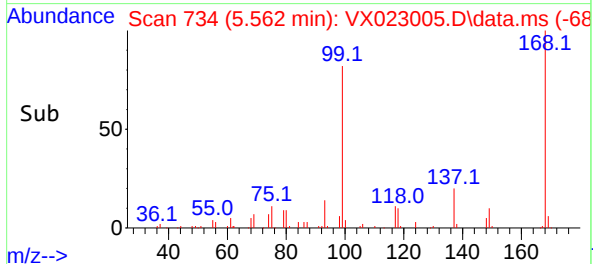
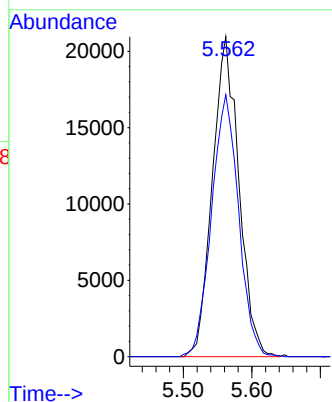
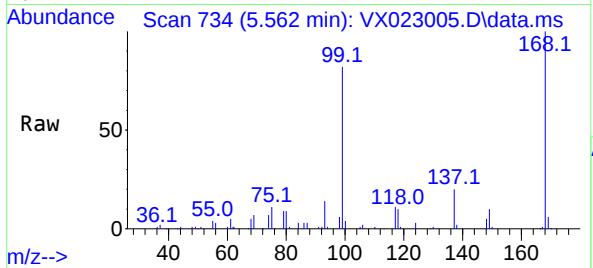




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.006 min  
Lab File: VX023005.D  
Acq: 29 Jun 2021 15:55

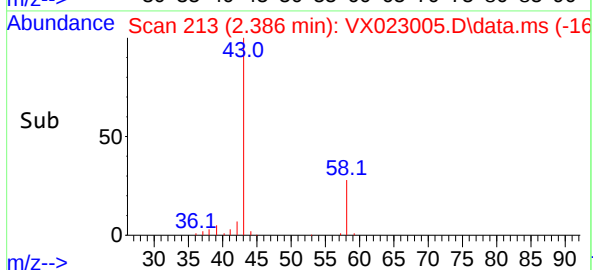
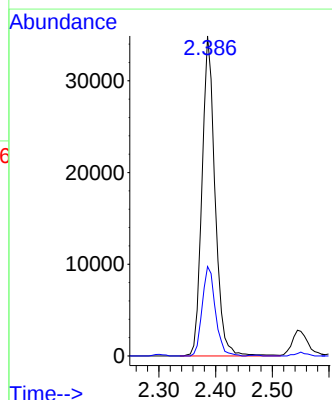
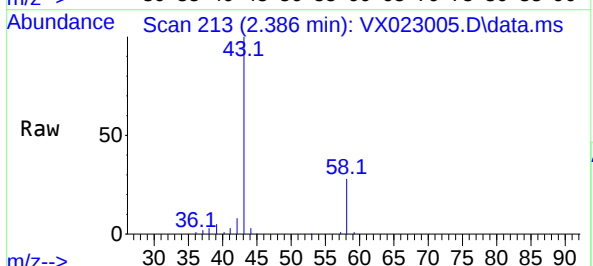
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-1A

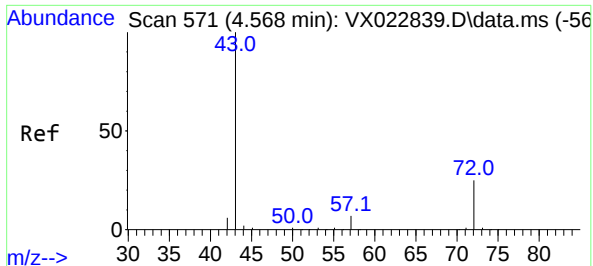
Tgt Ion:168 Resp: 56127  
Ion Ratio Lower Upper  
168 100  
99 81.9 45.8 68.6#



#16  
Acetone  
Concen: 123.80 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX023005.D  
Acq: 29 Jun 2021 15:55

Tgt Ion: 43 Resp: 55904  
Ion Ratio Lower Upper  
43 100  
58 28.0 27.8 41.8

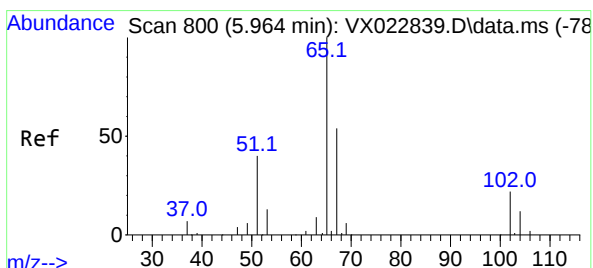
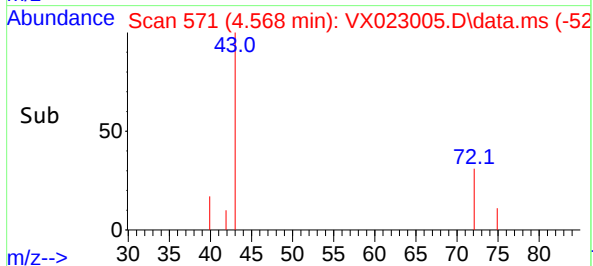
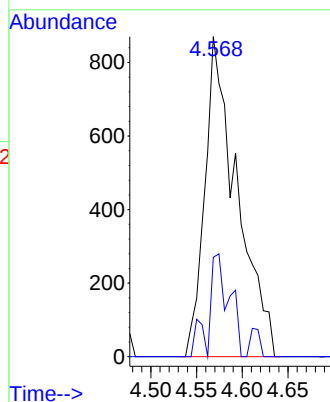
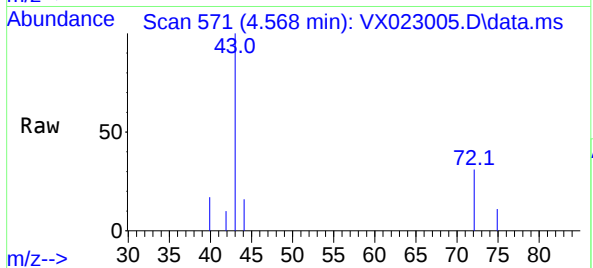




#25  
2-Butanone  
Concen: 3.03 ug/l  
RT: 4.568 min Scan# 571  
Delta R.T. 0.000 min  
Lab File: VX023005.D  
Acq: 29 Jun 2021 15:55

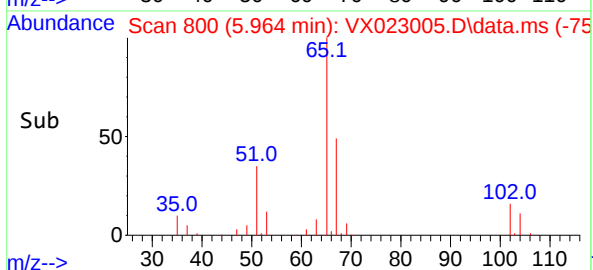
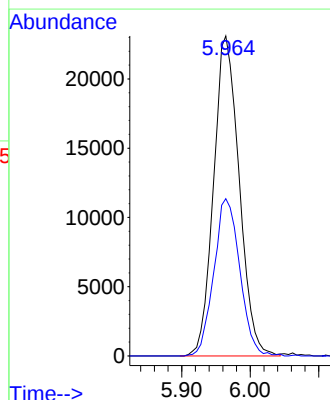
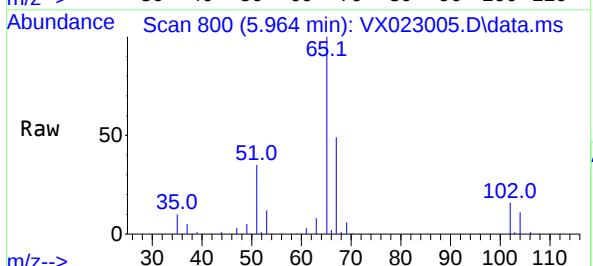
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-1A

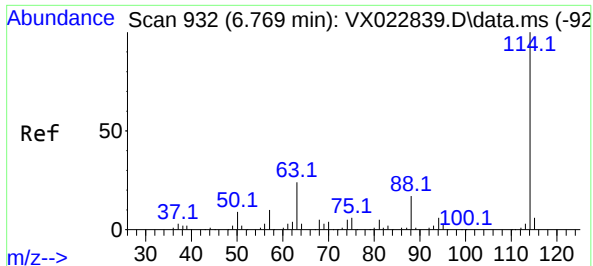
Tgt Ion: 43 Resp: 2126  
Ion Ratio Lower Upper  
43 100  
72 31.0 23.7 35.5



#33  
1,2-Dichloroethane-d4  
Concen: 58.75 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX023005.D  
Acq: 29 Jun 2021 15:55

Tgt Ion: 65 Resp: 59841  
Ion Ratio Lower Upper  
65 100  
67 49.9 0.0 105.4

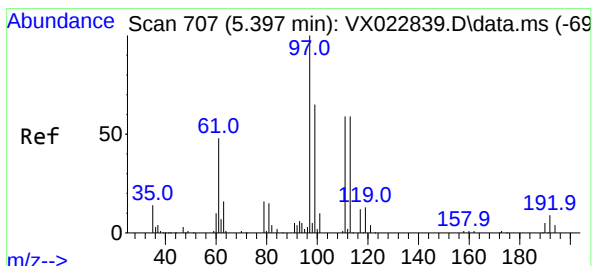
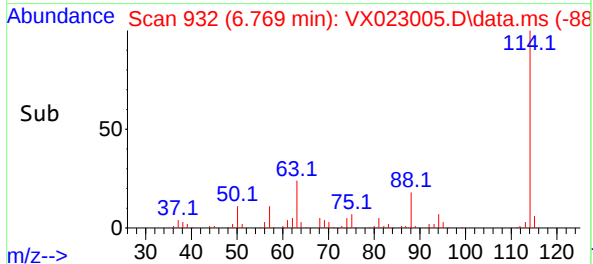
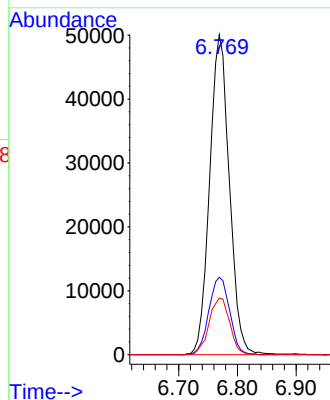
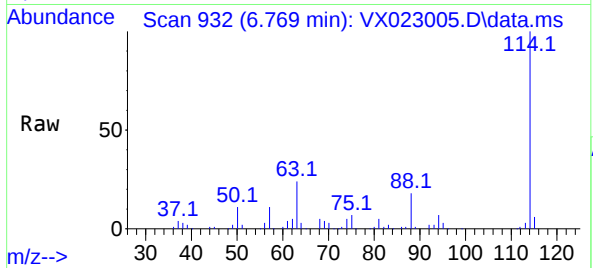




#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX023005.D  
Acq: 29 Jun 2021 15:55

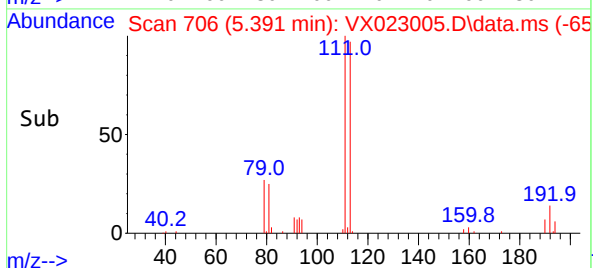
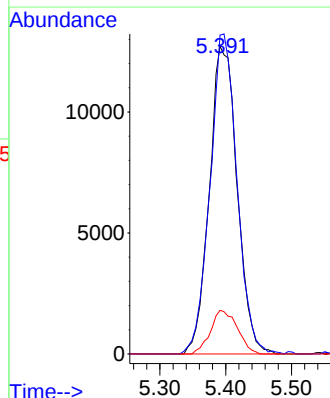
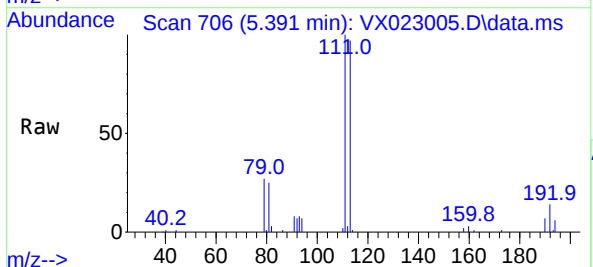
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-1A

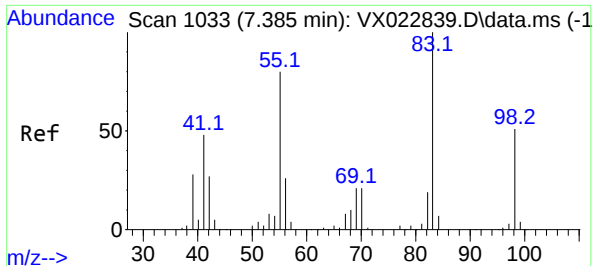
Tgt Ion:114 Resp: 116640  
Ion Ratio Lower Upper  
114 100  
63 24.2 0.0 40.8  
88 17.7 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 50.47 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. -0.006 min  
Lab File: VX023005.D  
Acq: 29 Jun 2021 15:55

Tgt Ion:113 Resp: 37385  
Ion Ratio Lower Upper  
113 100  
111 101.0 81.9 122.9  
192 13.7 16.7 25.1#





#39

Methylcyclohexane

Concen: 1.41 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX023005.D

Acq: 29 Jun 2021 15:55

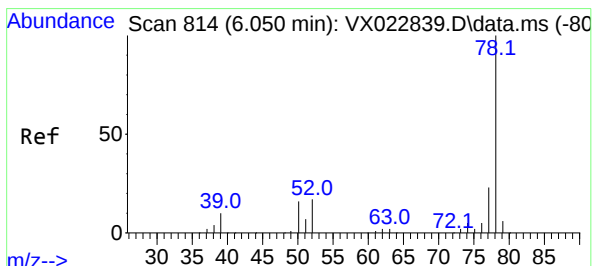
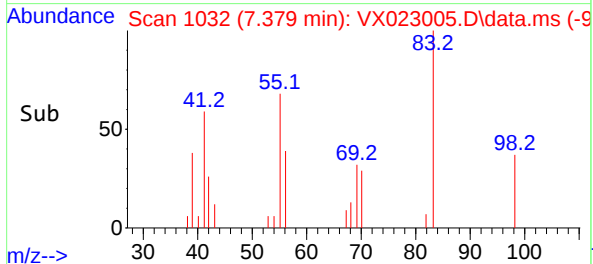
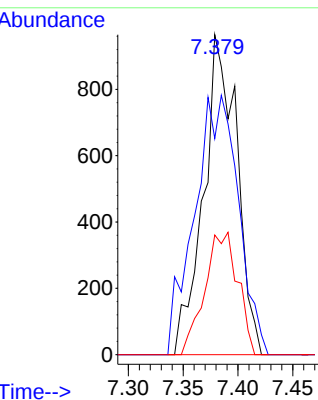
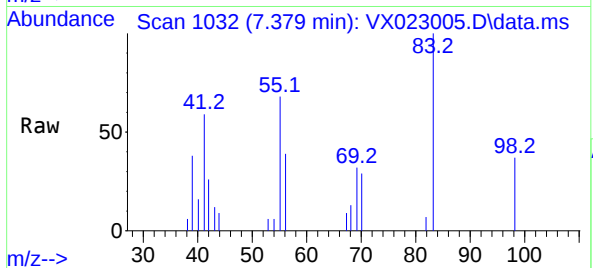
Tgt Ion: 83 Resp: 2043

Ion Ratio Lower Upper

83 100

55 67.6 58.9 88.3

98 37.4 38.1 57.1#



#40

Benzene

Concen: 2.97 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.006 min

Lab File: VX023005.D

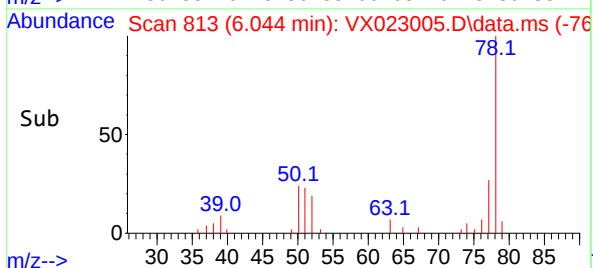
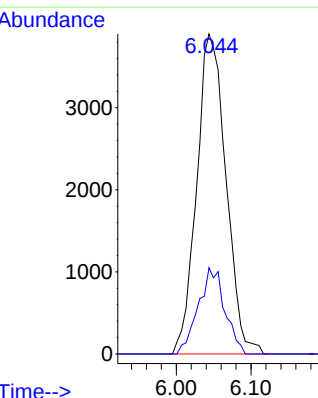
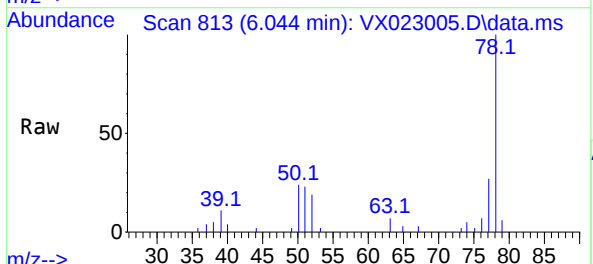
Acq: 29 Jun 2021 15:55

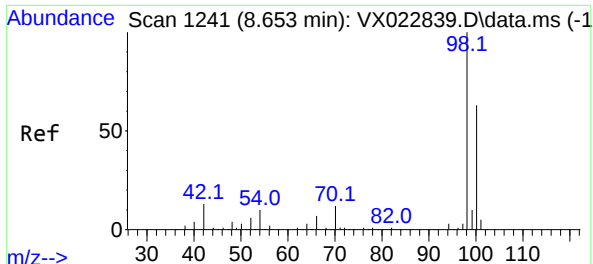
Tgt Ion: 78 Resp: 10609

Ion Ratio Lower Upper

78 100

77 26.9 18.9 28.3

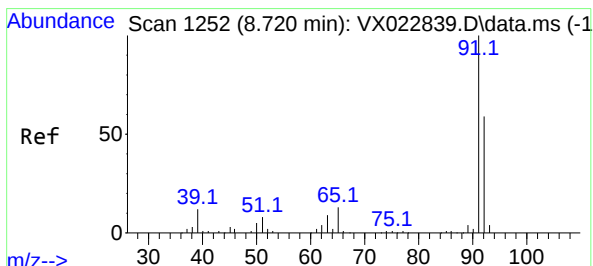
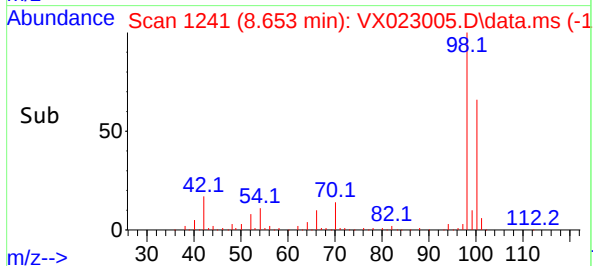
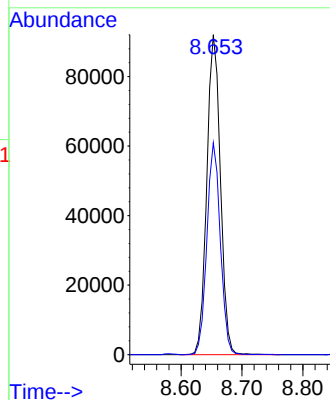
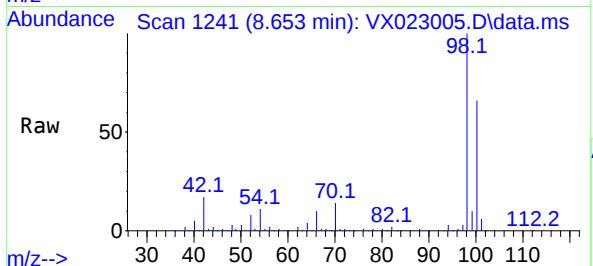




#50  
Toluene-d8  
Concen: 49.24 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX023005.D  
Acq: 29 Jun 2021 15:55

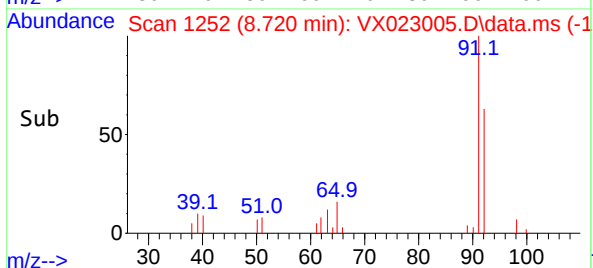
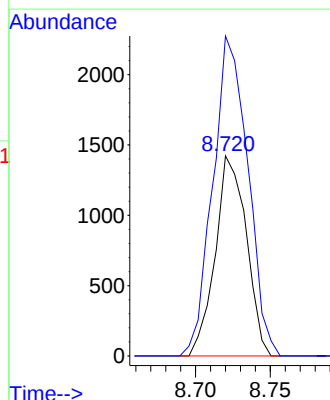
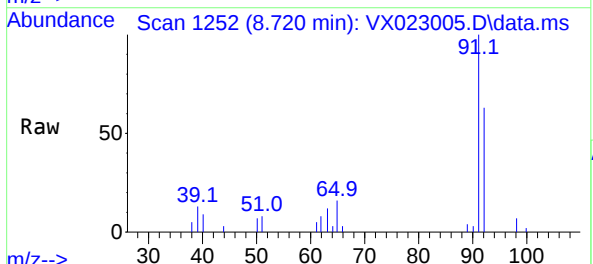
Instrument :  
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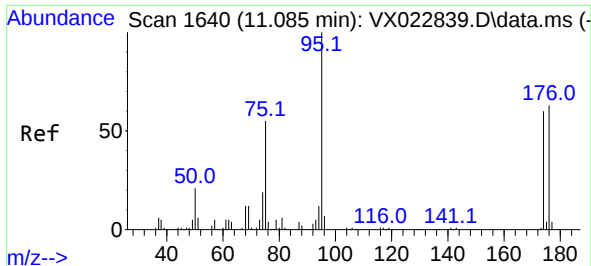
Tgt Ion: 98 Resp: 142927  
Ion Ratio Lower Upper  
98 100  
100 65.3 51.9 77.9



#52  
Toluene  
Concen: 0.95 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX023005.D  
Acq: 29 Jun 2021 15:55

Tgt Ion: 92 Resp: 2054  
Ion Ratio Lower Upper  
92 100  
91 180.4 137.1 205.7

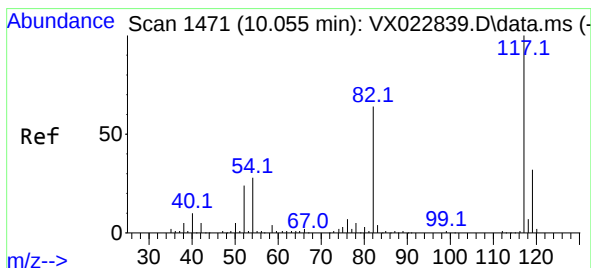
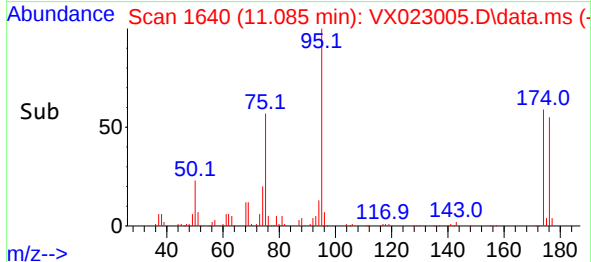
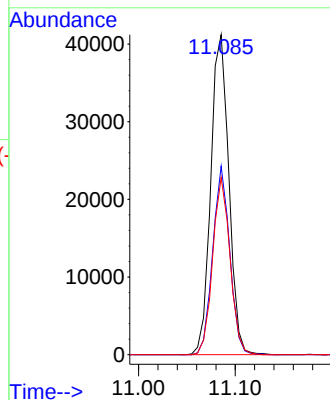
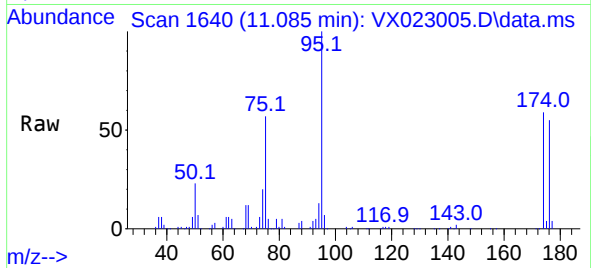




#62  
4-Bromofluorobenzene  
Concen: 49.36 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX023005.D  
Acq: 29 Jun 2021 15:55

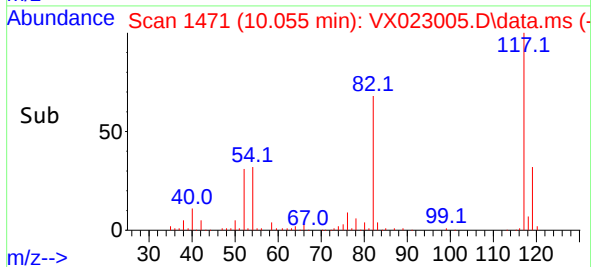
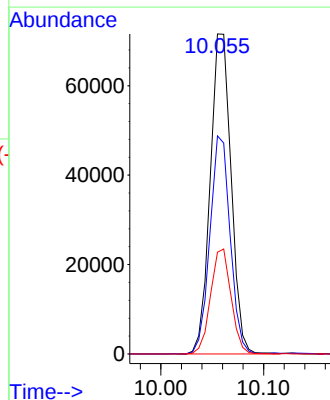
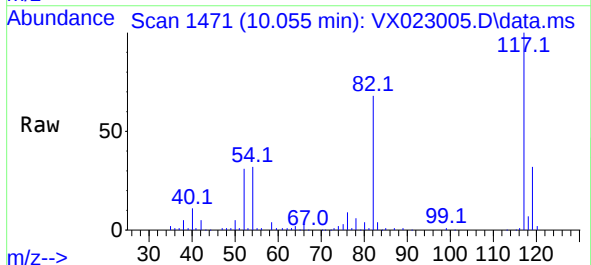
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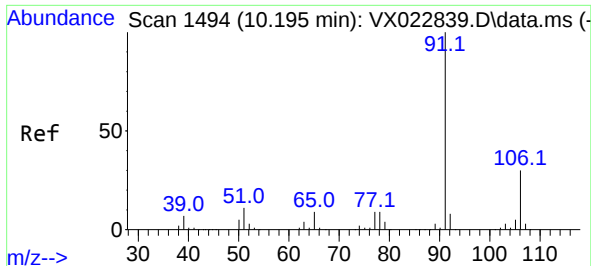
Tgt Ion: 95 Resp: 53476  
Ion Ratio Lower Upper  
95 100  
174 55.5 0.0 154.6  
176 53.1 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX023005.D  
Acq: 29 Jun 2021 15:55

Tgt Ion: 117 Resp: 101094  
Ion Ratio Lower Upper  
117 100  
82 68.2 47.4 71.2  
119 31.8 26.6 39.8

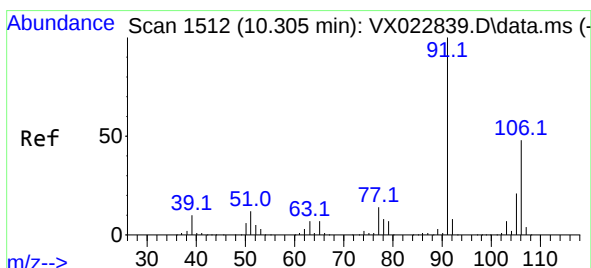
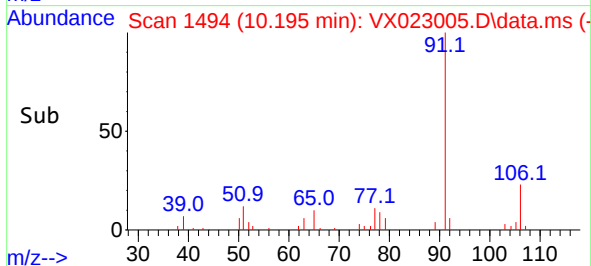
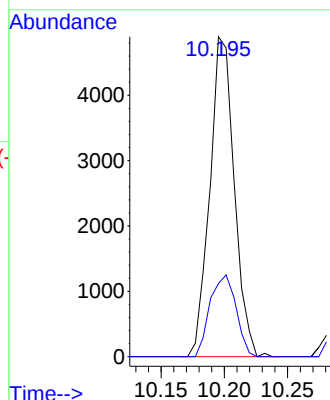
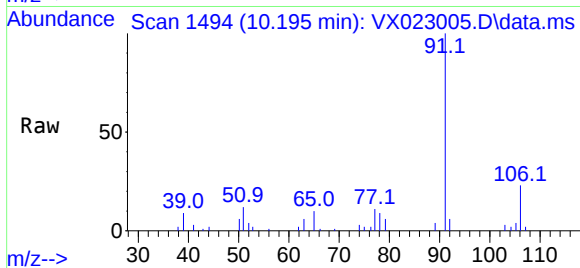




#67  
Ethyl Benzene  
Concen: 1.68 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX023005.D  
Acq: 29 Jun 2021 15:55

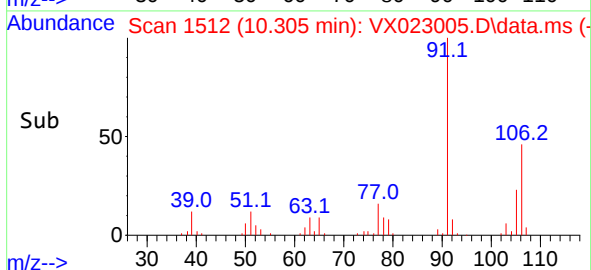
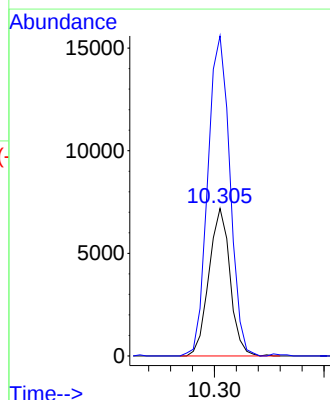
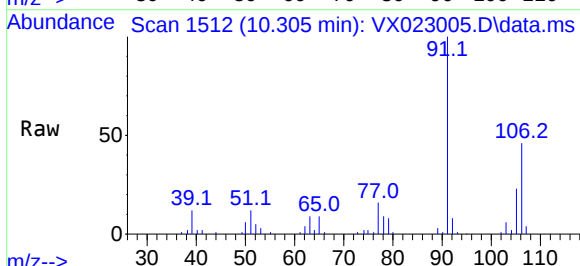
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-1A

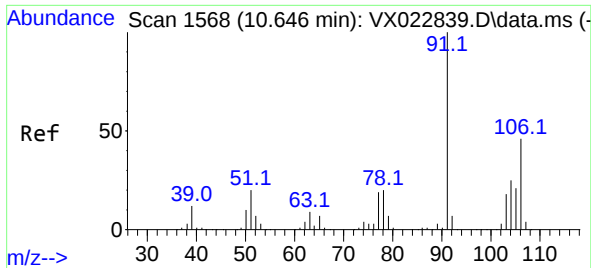
Tgt Ion: 91 Resp: 6588  
Ion Ratio Lower Upper  
91 100  
106 22.9 24.6 37.0#



#68  
m/p-Xylenes  
Concen: 6.61 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. 0.000 min  
Lab File: VX023005.D  
Acq: 29 Jun 2021 15:55

Tgt Ion: 106 Resp: 9629  
Ion Ratio Lower Upper  
106 100  
91 227.2 162.8 244.2

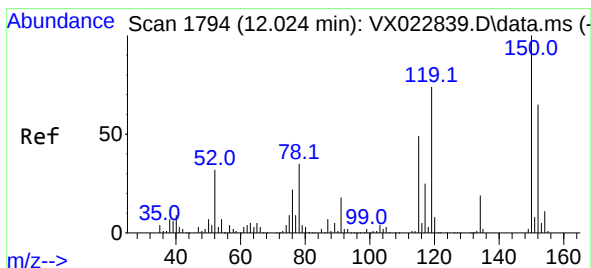
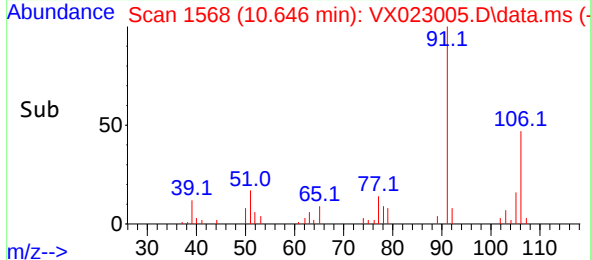
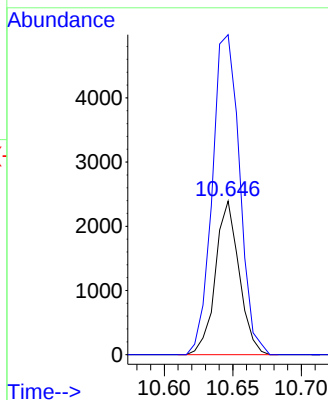
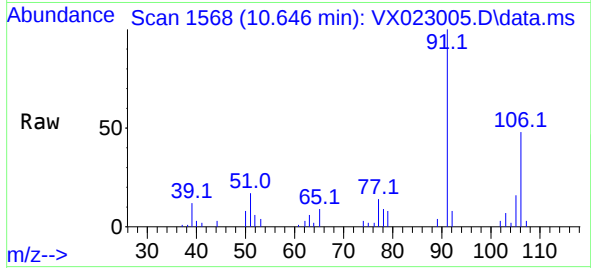




#69  
o-Xylene  
Concen: 2.03 ug/l  
RT: 10.646 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VX023005.D  
Acq: 29 Jun 2021 15:55

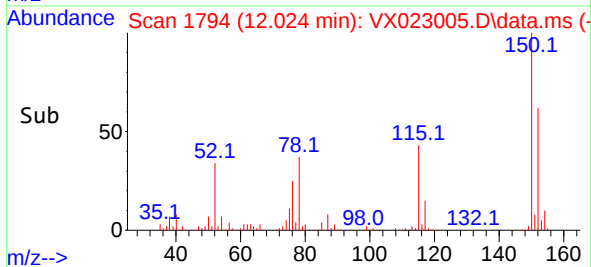
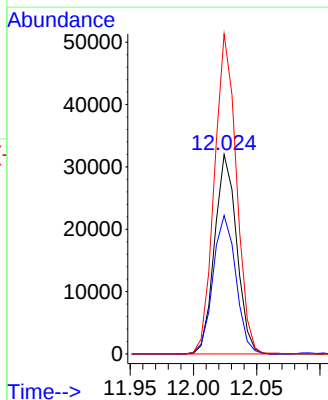
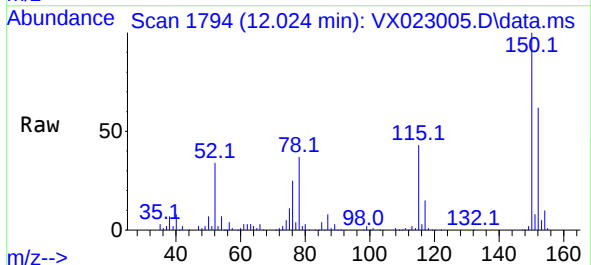
Instrument :  
MSVOA\_X  
ClientSampled :  
MW-1A

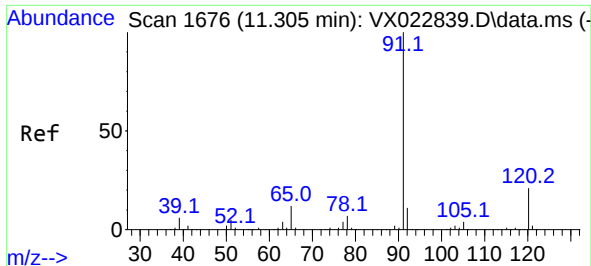
Tgt Ion:106 Resp: 2883  
Ion Ratio Lower Upper  
106 100  
91 239.3 108.1 324.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX023005.D  
Acq: 29 Jun 2021 15:55

Tgt Ion:152 Resp: 38889  
Ion Ratio Lower Upper  
152 100  
115 71.8 41.1 123.3  
150 159.5 0.0 349.0

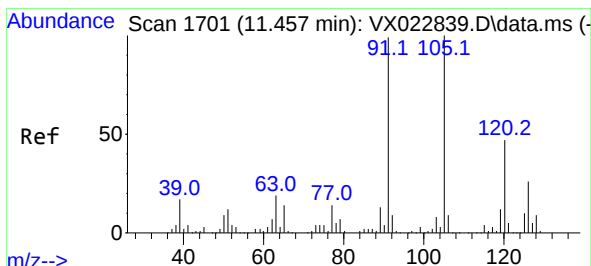
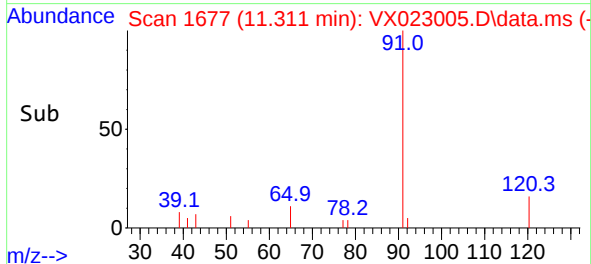
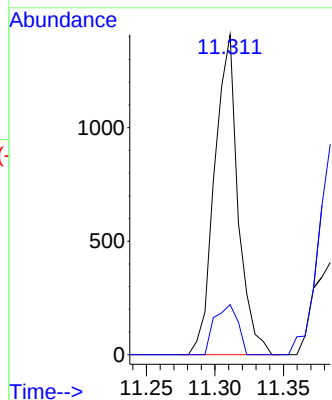
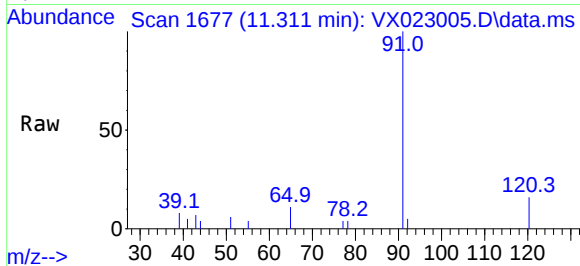




#78  
n-propylbenzene  
Concen: 0.42 ug/l  
RT: 11.311 min Scan# 1677  
Delta R.T. 0.006 min  
Lab File: VX023005.D  
Acq: 29 Jun 2021 15:55

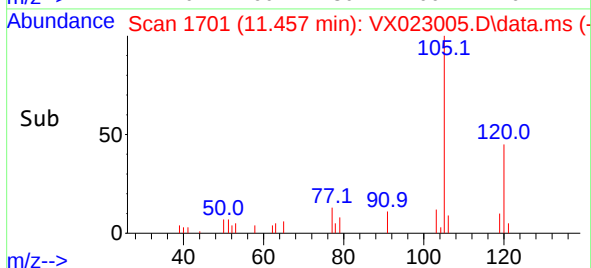
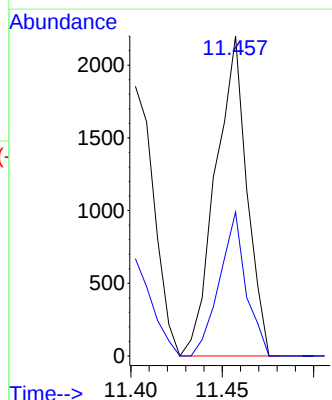
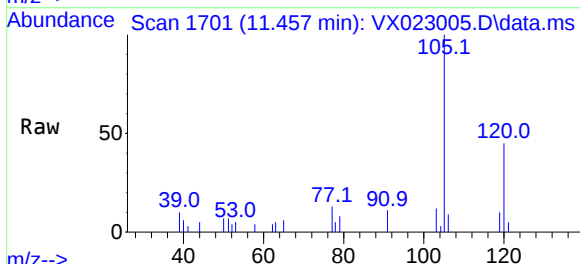
Instrument :  
MSVOA\_X  
ClientSampled :  
MW-1A

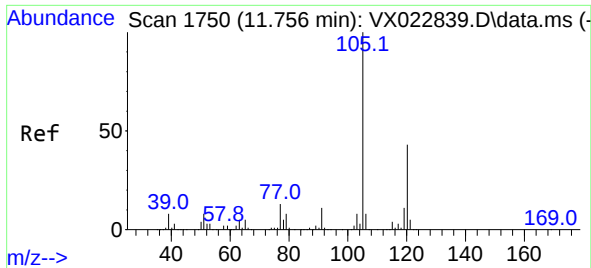
Tgt Ion: 91 Resp: 1682  
Ion Ratio Lower Upper  
91 100  
120 15.5 11.5 34.5



#80  
1,3,5-Trimethylbenzene  
Concen: 0.97 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX023005.D  
Acq: 29 Jun 2021 15:55

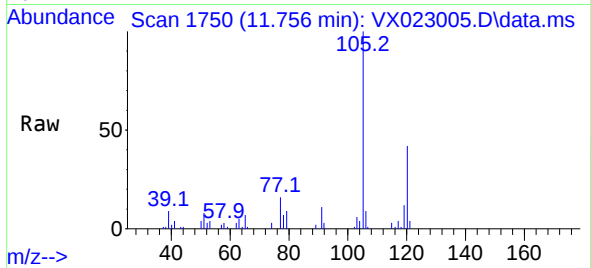
Tgt Ion: 105 Resp: 2623  
Ion Ratio Lower Upper  
105 100  
120 38.1 23.8 71.5





#84  
1,2,4-Trimethylbenzene  
Concen: 3.87 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. 0.000 min  
Lab File: VX023005.D  
Acq: 29 Jun 2021 15:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-1A



Tgt Ion:105 Resp: 10512  
Ion Ratio Lower Upper  
105 100  
120 40.5 22.4 67.3

