

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060421\  
 Data File : VX022421.D  
 Acq On : 04 Jun 2021 18:35  
 Operator : JC/MD  
 Sample : M2583-03  
 Misc : 1.15g/10mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 41122

Quant Time: Jun 05 03:22:05 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 19 14:23:10 2021  
 Response via : Initial Calibration

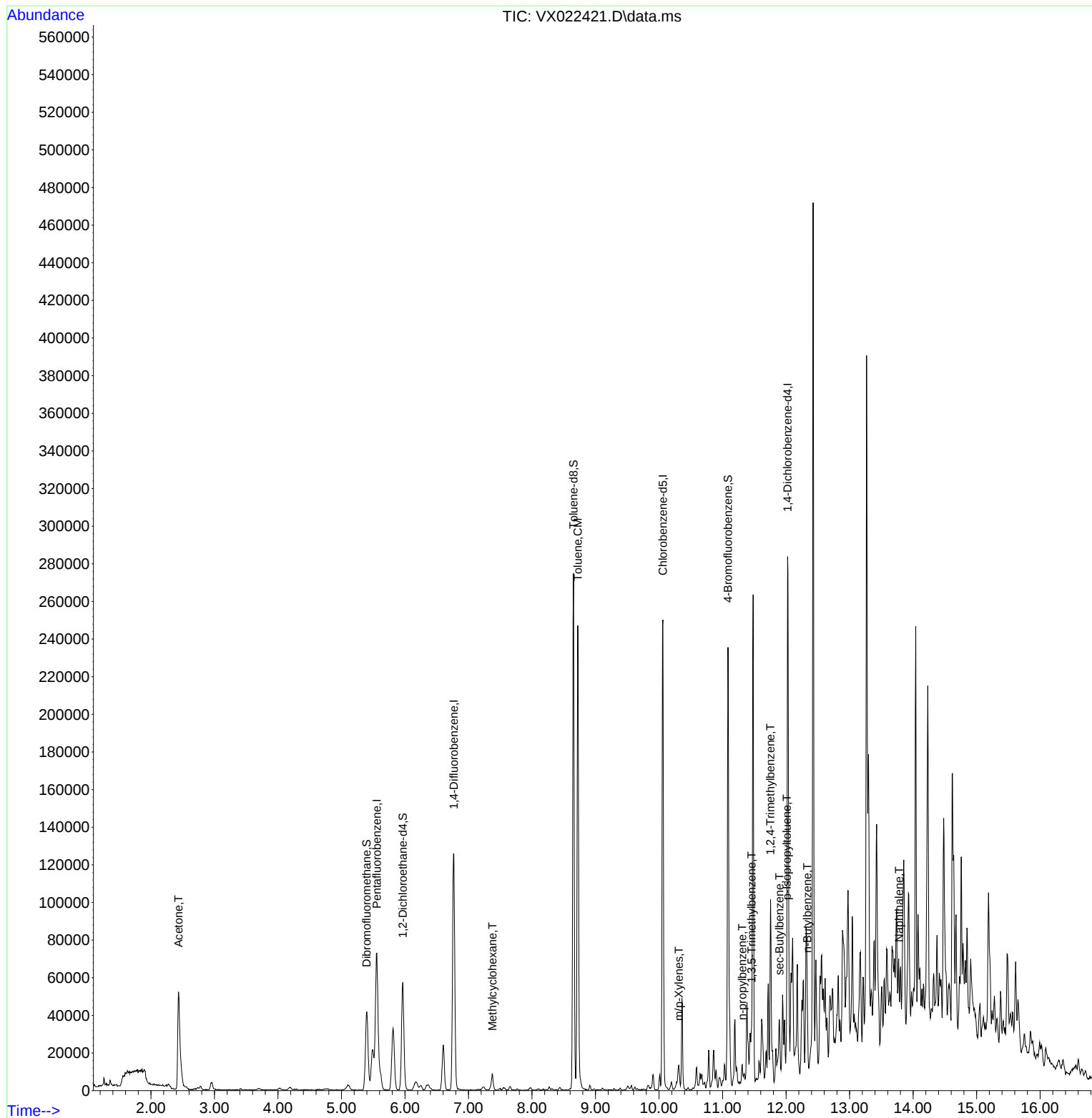
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.556     | 168   | 63083    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769     | 114   | 129018   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.061    | 117   | 115579   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152   | 50703    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.964     | 65    | 52024    | 53.462   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 78 - 117 | Recovery | = 106.920% |          |
| 35) Dibromofluoromethane    | 5.397     | 113   | 36472    | 44.577   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | = 89.160%  |          |
| 50) Toluene-d8              | 8.653     | 98    | 159558   | 50.626   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 92 - 112 | Recovery | = 101.260% |          |
| 62) 4-Bromofluorobenzene    | 11.085    | 95    | 58053    | 49.834   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | = 99.660%  |          |
| Target Compounds            |           |       |          |          |            |          |
|                             |           |       |          |          | Qvalue     |          |
| 16) Acetone                 | 2.434     | 43    | 86712    | 204.647  | ug/l       | 97       |
| 39) Methylcyclohexane       | 7.379     | 83    | 3192     | 2.359    | ug/l       | 95       |
| 52) Toluene                 | 8.720     | 92    | 95084    | 40.903   | ug/l       | 99       |
| 68) m/p-Xylenes             | 10.311    | 106   | 2798     | 1.673    | ug/l       | 92       |
| 78) n-propylbenzene         | 11.311    | 91    | 6895     | 1.372    | ug/l       | 98       |
| 80) 1,3,5-Trimethylbenzene  | 11.457    | 105   | 9228     | 2.595    | ug/l       | 99       |
| 84) 1,2,4-Trimethylbenzene  | 11.756    | 105   | 35839    | 10.011   | ug/l       | 100      |
| 85) sec-Butylbenzene        | 11.896    | 105   | 5167     | 1.192    | ug/l       | 85       |
| 86) p-Isopropyltoluene      | 12.012    | 119   | 4430     | 1.210    | ug/l       | 90       |
| 89) n-Butylbenzene          | 12.335    | 91    | 11303    | 3.338    | ug/l #     | 48       |
| 95) Naphthalene             | 13.780    | 128   | 9134     | 2.303    | ug/l #     | 93       |
| -----                       |           |       |          |          |            |          |

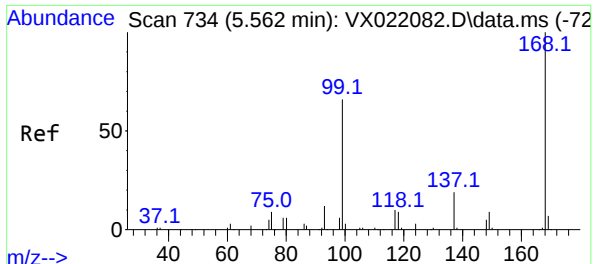
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
41122

Quant Time: Jun 05 03:22:05 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 19 14:23:10 2021  
Response via : Initial Calibration

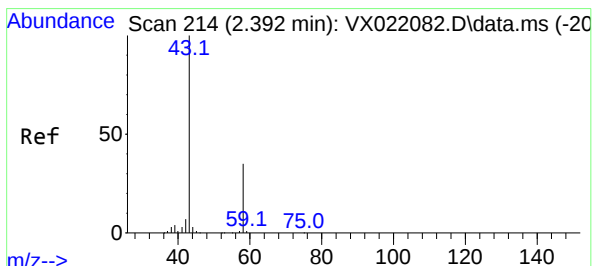
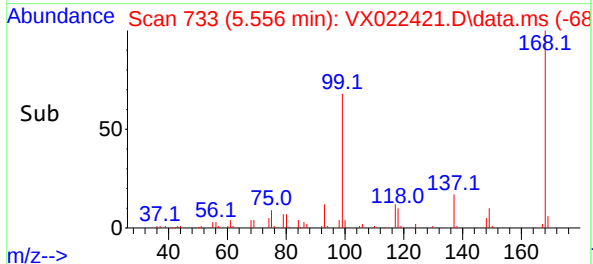
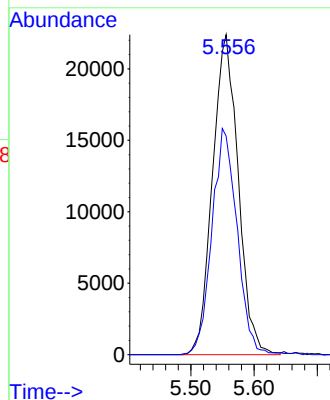
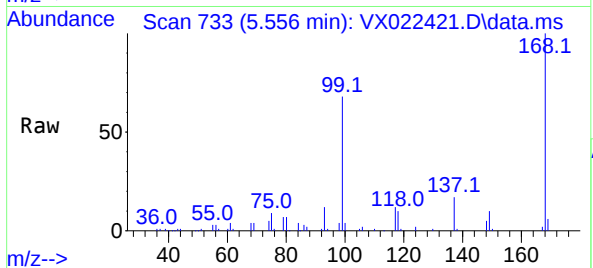




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.006 min  
Lab File: VX022421.D  
Acq: 04 Jun 2021 18:35

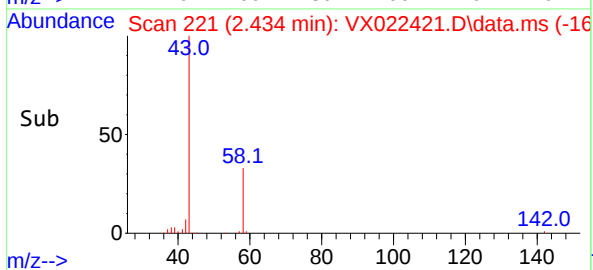
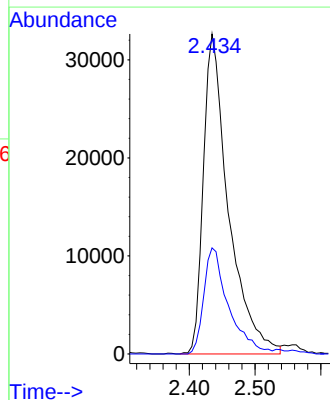
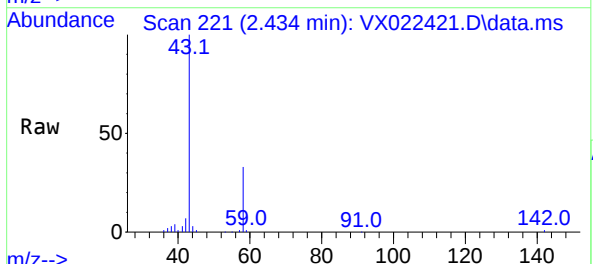
Instrument :  
MSVOA\_X  
ClientSampleId :  
41122

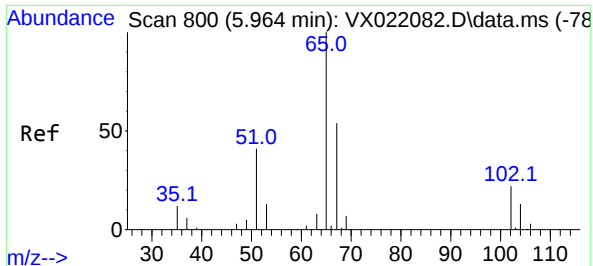
Tgt Ion:168 Resp: 63083  
Ion Ratio Lower Upper  
168 100  
99 68.3 45.8 68.6



#16  
Acetone  
Concen: 204.647 ug/l  
RT: 2.434 min Scan# 221  
Delta R.T. 0.042 min  
Lab File: VX022421.D  
Acq: 04 Jun 2021 18:35

Tgt Ion: 43 Resp: 86712  
Ion Ratio Lower Upper  
43 100  
58 33.2 27.8 41.8



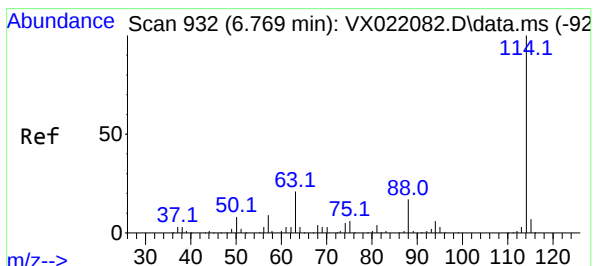
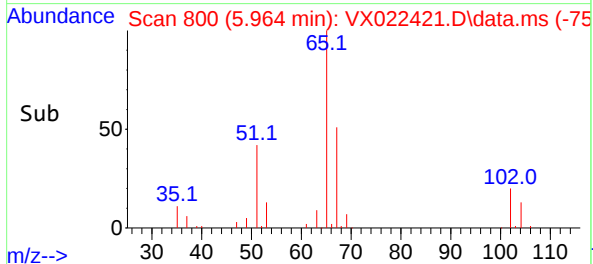
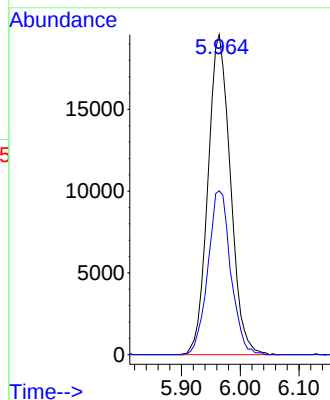
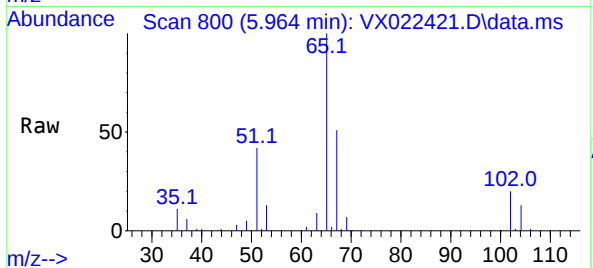


#33

1,2-Dichloroethane-d4  
Concen: 53.462 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX022421.D  
Acq: 04 Jun 2021 18:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
41122

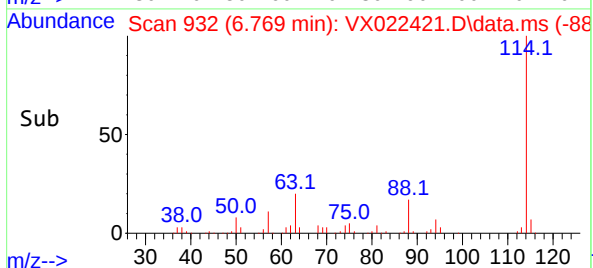
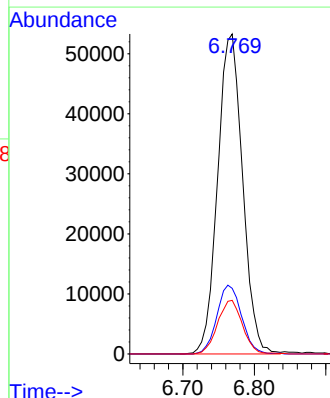
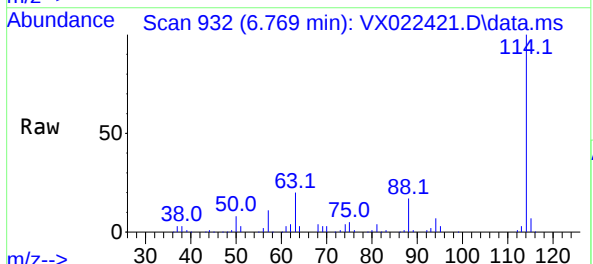
Tgt Ion: 65 Resp: 52024  
Ion Ratio Lower Upper  
65 100  
67 52.0 0.0 105.4

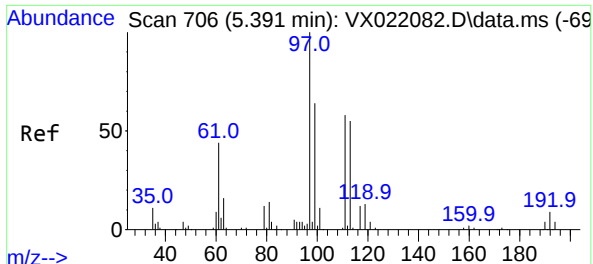


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX022421.D  
Acq: 04 Jun 2021 18:35

Tgt Ion: 114 Resp: 129018  
Ion Ratio Lower Upper  
114 100  
63 20.5 0.0 40.8  
88 16.8 0.0 32.8

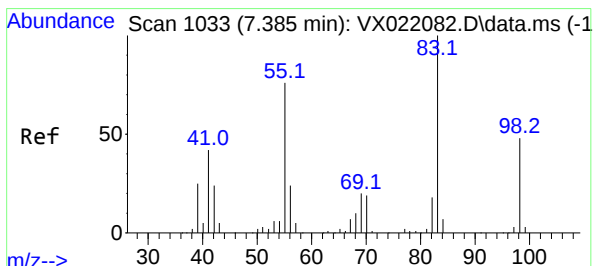
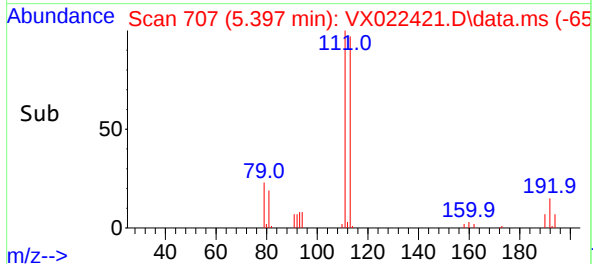
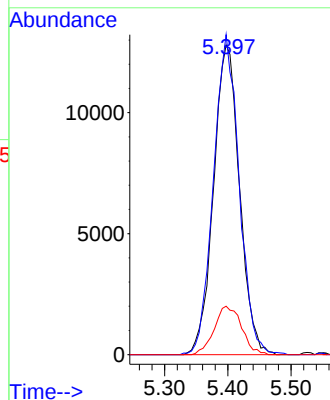
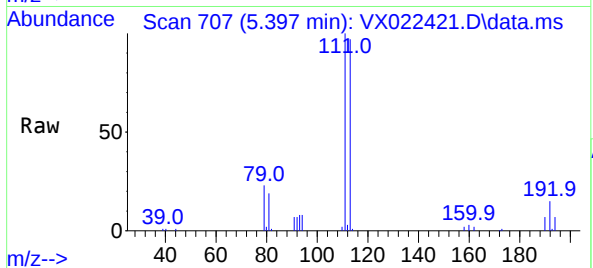




#35  
Dibromofluoromethane  
Concen: 44.577 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.006 min  
Lab File: VX022421.D  
Acq: 04 Jun 2021 18:35

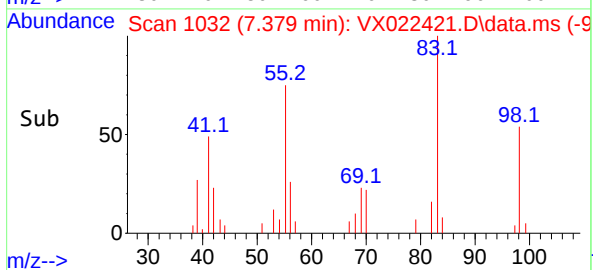
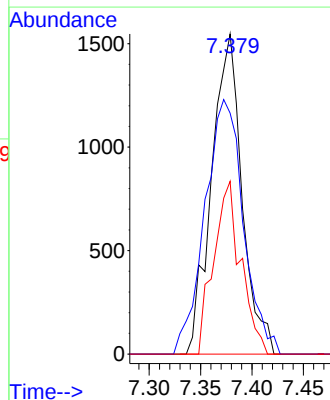
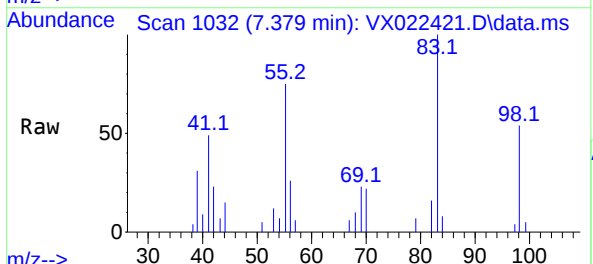
Instrument :  
MSVOA\_X  
ClientSampleId :  
41122

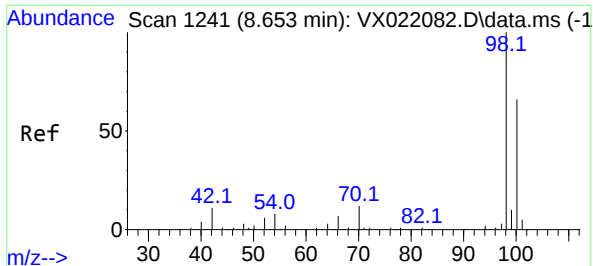
Tgt Ion:113 Resp: 36472  
Ion Ratio Lower Upper  
113 100  
111 102.0 81.9 122.9  
192 16.5 16.7 25.1#



#39  
Methylcyclohexane  
Concen: 2.359 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. -0.006 min  
Lab File: VX022421.D  
Acq: 04 Jun 2021 18:35

Tgt Ion: 83 Resp: 3192  
Ion Ratio Lower Upper  
83 100  
55 75.2 58.9 88.3  
98 54.0 38.1 57.1

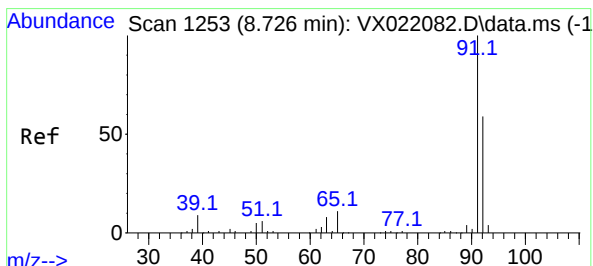
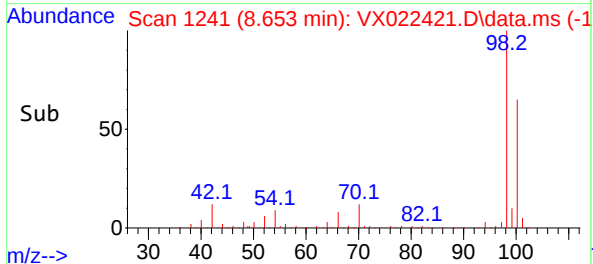
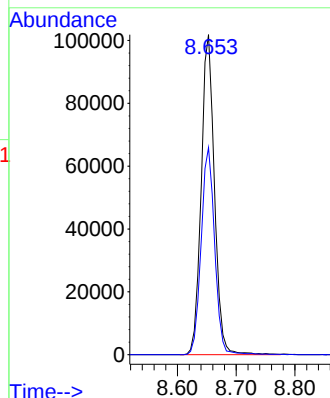
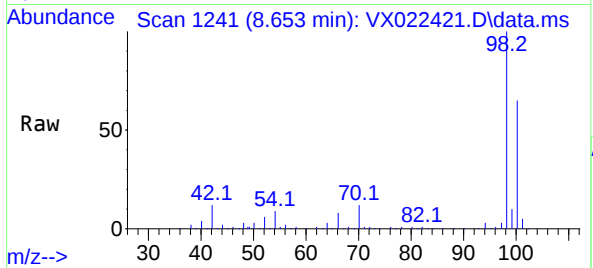




#50  
Toluene-d8  
Concen: 50.626 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX022421.D  
Acq: 04 Jun 2021 18:35

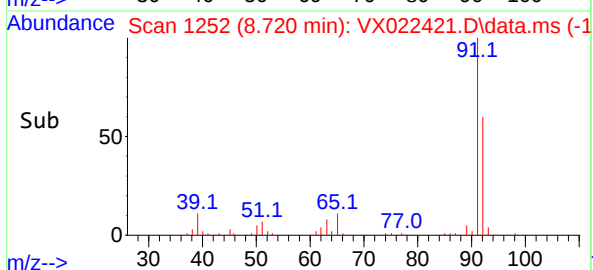
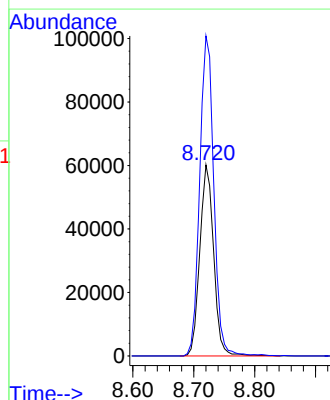
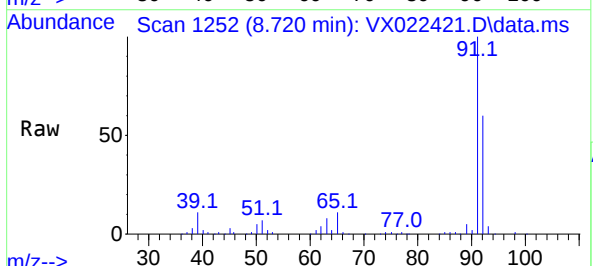
Instrument :  
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ClientSampleId :  
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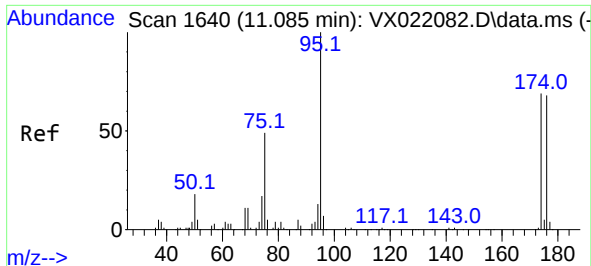
Tgt Ion: 98 Resp: 159558  
Ion Ratio Lower Upper  
98 100  
100 66.1 51.9 77.9



#52  
Toluene  
Concen: 40.903 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.006 min  
Lab File: VX022421.D  
Acq: 04 Jun 2021 18:35

Tgt Ion: 92 Resp: 95084  
Ion Ratio Lower Upper  
92 100  
91 169.9 137.1 205.7

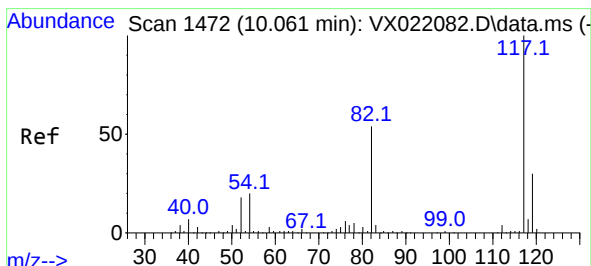
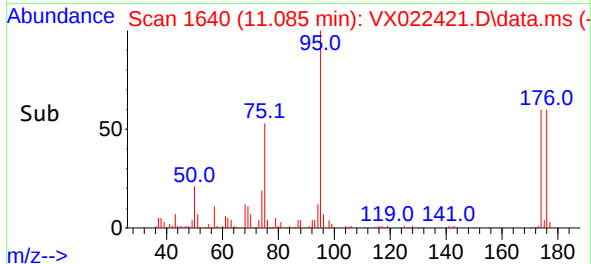
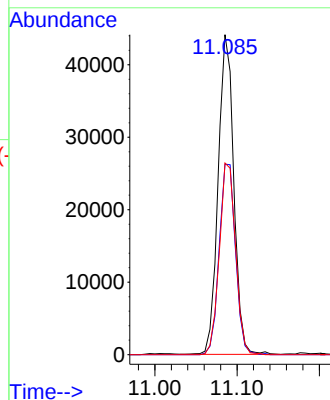
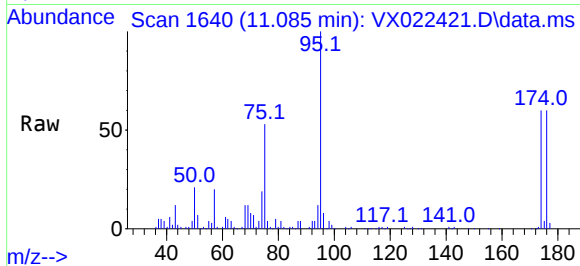




#62  
4-Bromofluorobenzene  
Concen: 49.834 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX022421.D  
Acq: 04 Jun 2021 18:35

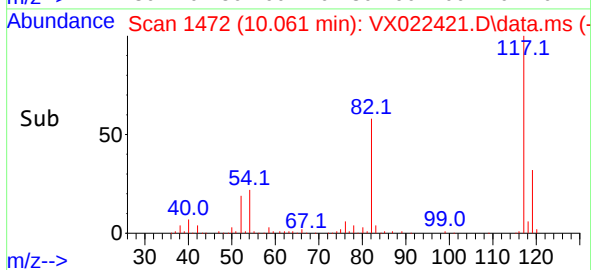
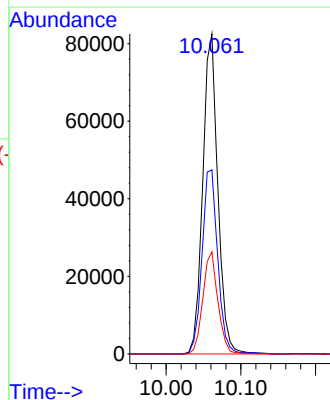
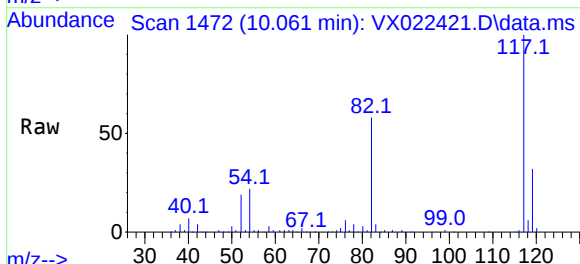
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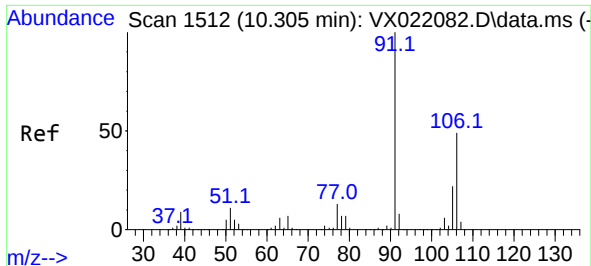
Tgt Ion: 95 Resp: 58053  
Ion Ratio Lower Upper  
95 100  
174 62.2 0.0 154.6  
176 62.1 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.061 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: VX022421.D  
Acq: 04 Jun 2021 18:35

Tgt Ion: 117 Resp: 115579  
Ion Ratio Lower Upper  
117 100  
82 57.5 47.4 71.2  
119 32.0 26.6 39.8

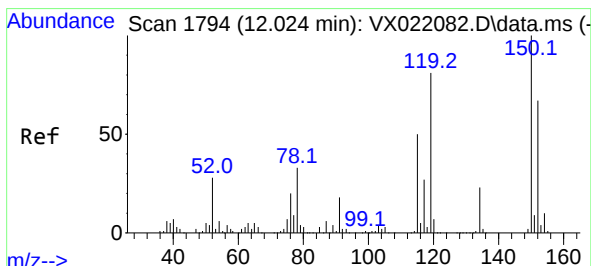
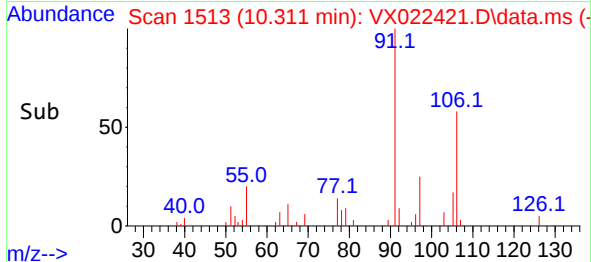
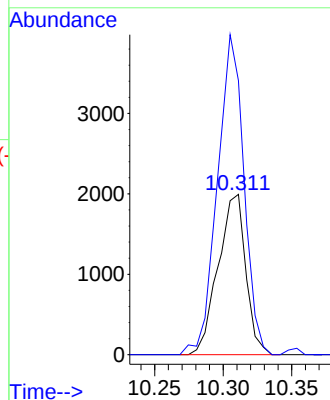
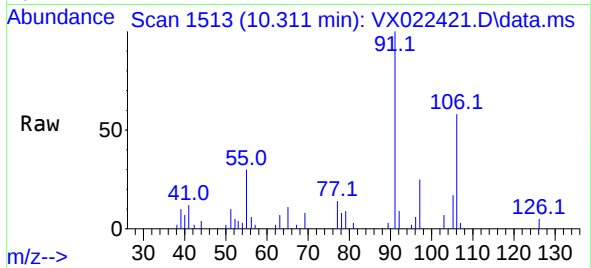




#68  
m/p-Xylenes  
Concen: 1.673 ug/l  
RT: 10.311 min Scan# 1513  
Delta R.T. 0.006 min  
Lab File: VX022421.D  
Acq: 04 Jun 2021 18:35

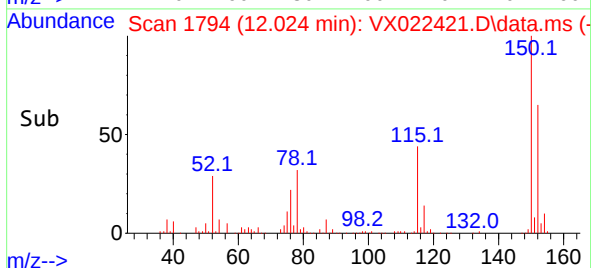
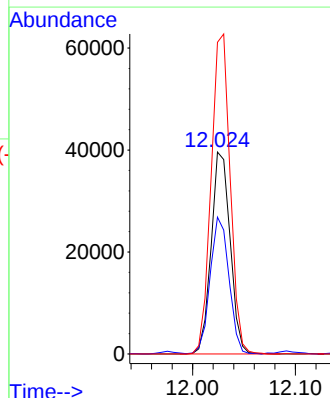
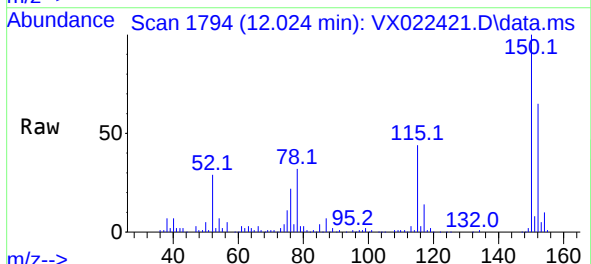
Instrument :  
MSVOA\_X  
ClientSampled :  
41122

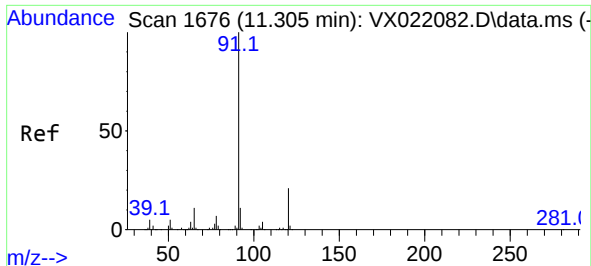
Tgt Ion:106 Resp: 2798  
Ion Ratio Lower Upper  
106 100  
91 191.3 162.8 244.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX022421.D  
Acq: 04 Jun 2021 18:35

Tgt Ion:152 Resp: 50703  
Ion Ratio Lower Upper  
152 100  
115 67.4 41.1 123.3  
150 158.9 0.0 349.0

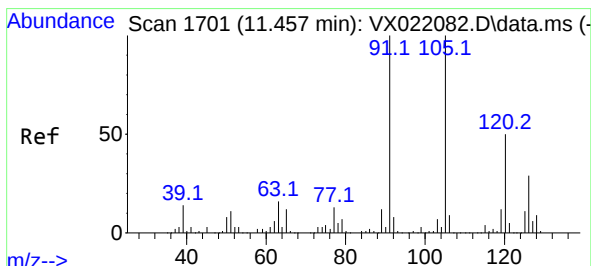
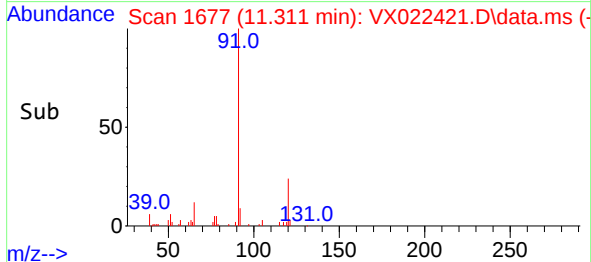
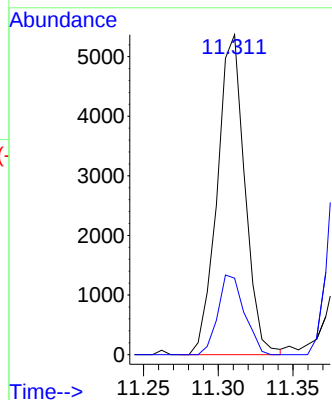
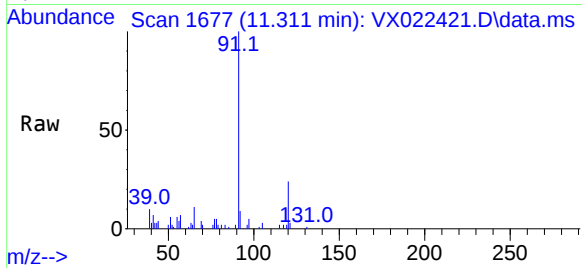




#78  
n-propylbenzene  
Concen: 1.372 ug/l  
RT: 11.311 min Scan# 1677  
Delta R.T. 0.006 min  
Lab File: VX022421.D  
Acq: 04 Jun 2021 18:35

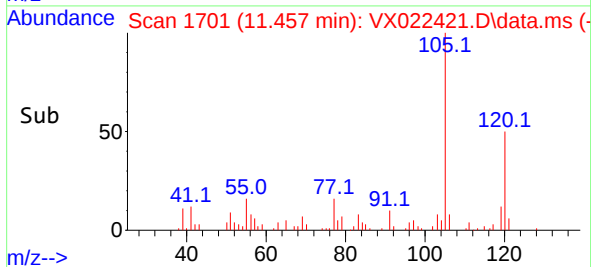
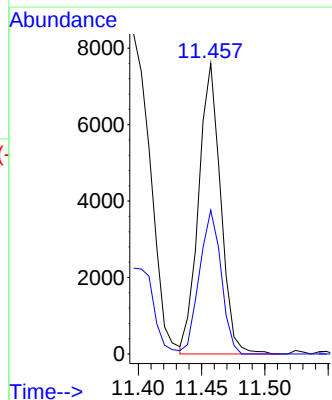
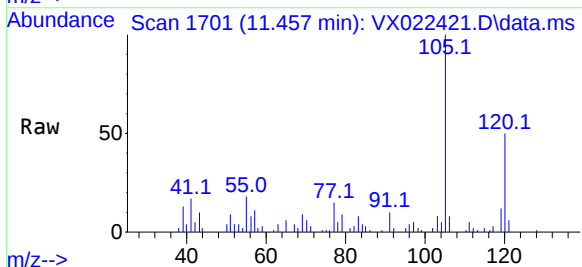
Instrument :  
MSVOA\_X  
ClientSampleId :  
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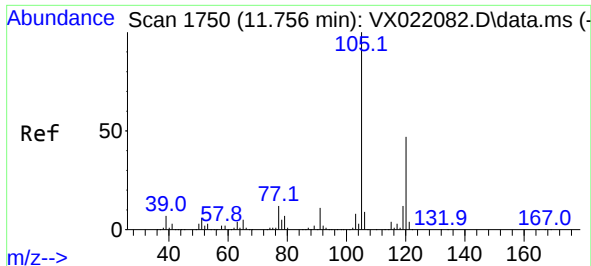
Tgt Ion: 91 Resp: 6895  
Ion Ratio Lower Upper  
91 100  
120 23.9 11.5 34.5



#80  
1,3,5-Trimethylbenzene  
Concen: 2.595 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX022421.D  
Acq: 04 Jun 2021 18:35

Tgt Ion: 105 Resp: 9228  
Ion Ratio Lower Upper  
105 100  
120 48.5 23.8 71.5

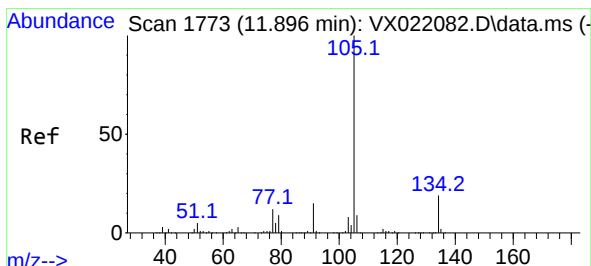
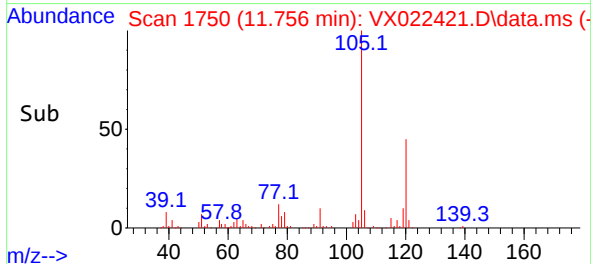
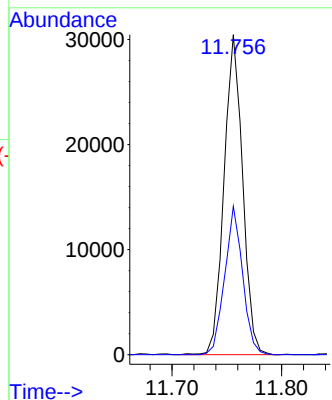
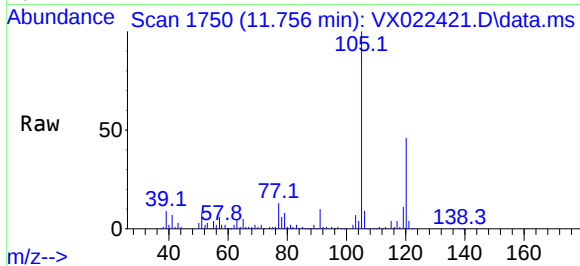




#84  
1,2,4-Trimethylbenzene  
Concen: 10.011 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. -0.000 min  
Lab File: VX022421.D  
Acq: 04 Jun 2021 18:35

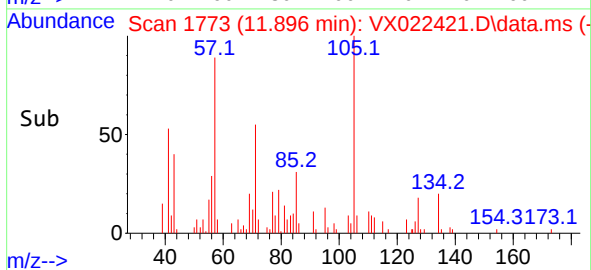
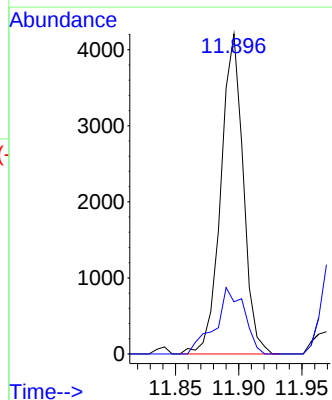
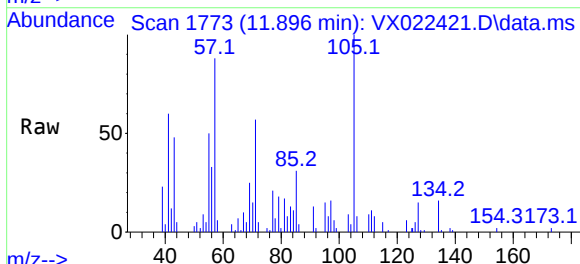
Instrument :  
MSVOA\_X  
ClientSampled :  
41122

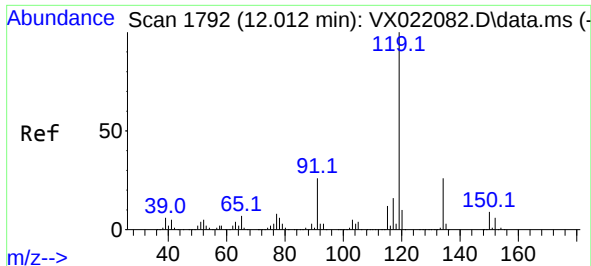
Tgt Ion:105 Resp: 35839  
Ion Ratio Lower Upper  
105 100  
120 44.8 22.4 67.3



#85  
sec-Butylbenzene  
Concen: 1.192 ug/l  
RT: 11.896 min Scan# 1773  
Delta R.T. 0.000 min  
Lab File: VX022421.D  
Acq: 04 Jun 2021 18:35

Tgt Ion:105 Resp: 5167  
Ion Ratio Lower Upper  
105 100  
134 26.7 10.0 29.8



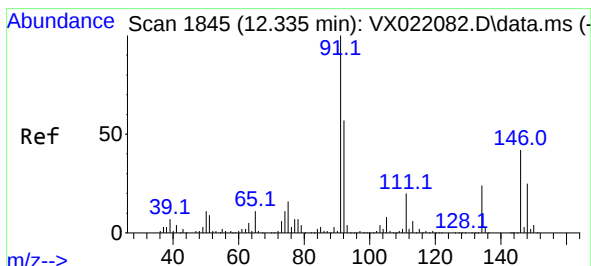
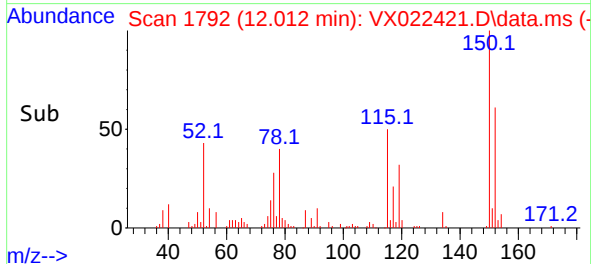
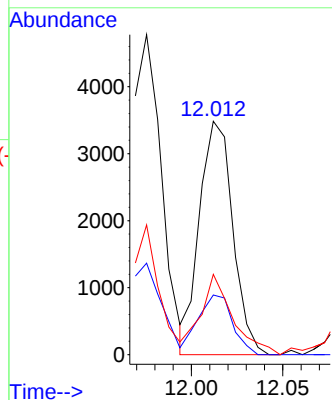
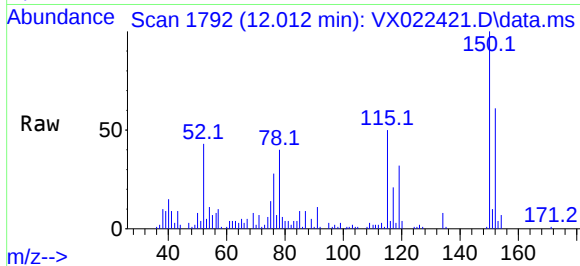


#86  
p-Isopropyltoluene  
Concen: 1.210 ug/l  
RT: 12.012 min Scan# 1792  
Delta R.T. -0.000 min  
Lab File: VX022421.D  
Acq: 04 Jun 2021 18:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
41122

Tgt Ion:119 Resp: 4430

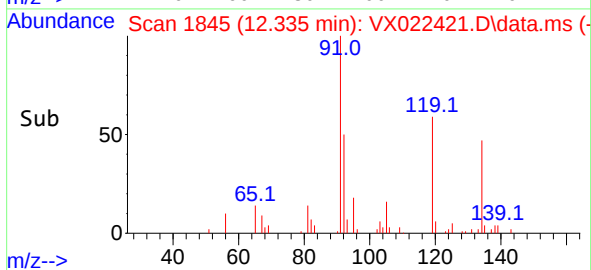
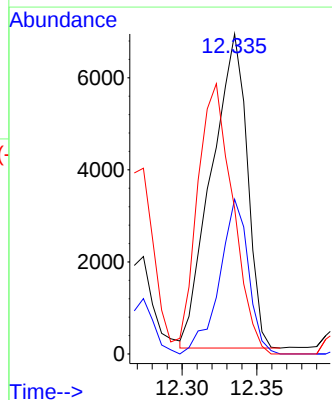
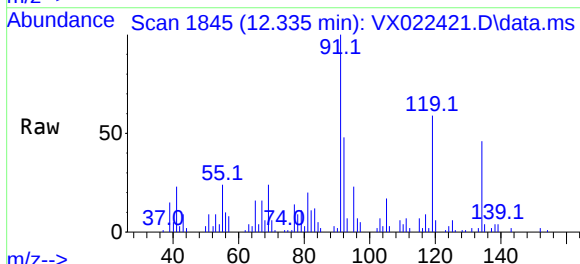
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 119 | 100   |       |       |
| 134 | 26.5  | 12.9  | 38.7  |
| 91  | 33.3  | 11.7  | 35.0  |

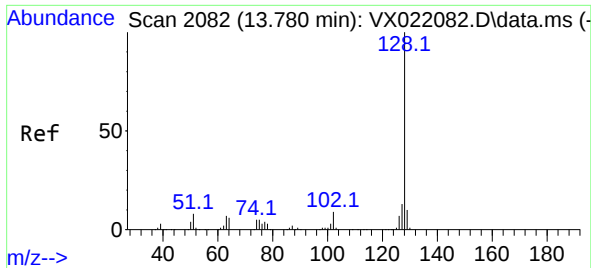


#89  
n-Butylbenzene  
Concen: 3.338 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX022421.D  
Acq: 04 Jun 2021 18:35

Tgt Ion: 91 Resp: 11303

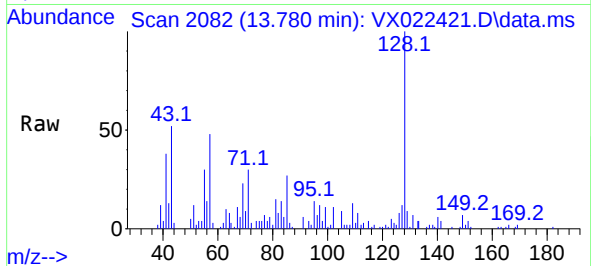
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 40.0  | 27.4  | 82.0  |
| 134 | 86.0  | 13.2  | 39.5# |





#95  
Naphthalene  
Concen: 2.303 ug/l  
RT: 13.780 min Scan# 2082  
Delta R.T. -0.000 min  
Lab File: VX022421.D  
Acq: 04 Jun 2021 18:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
41122



Tgt Ion:128 Resp: 9134  
Ion Ratio Lower Upper  
128 100  
127 13.4 10.3 15.5  
129 16.6 8.8 13.2#

