

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032822\  
 Data File : VX027749.D  
 Acq On : 28 Mar 2022 13:39  
 Operator : JC/MD  
 Sample : N2084-01DL 20X  
 Misc : 5.06g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BLDG-3DL

Quant Time: Mar 28 17:01:11 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032522W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 25 16:26:59 2022  
 Response via : Initial Calibration

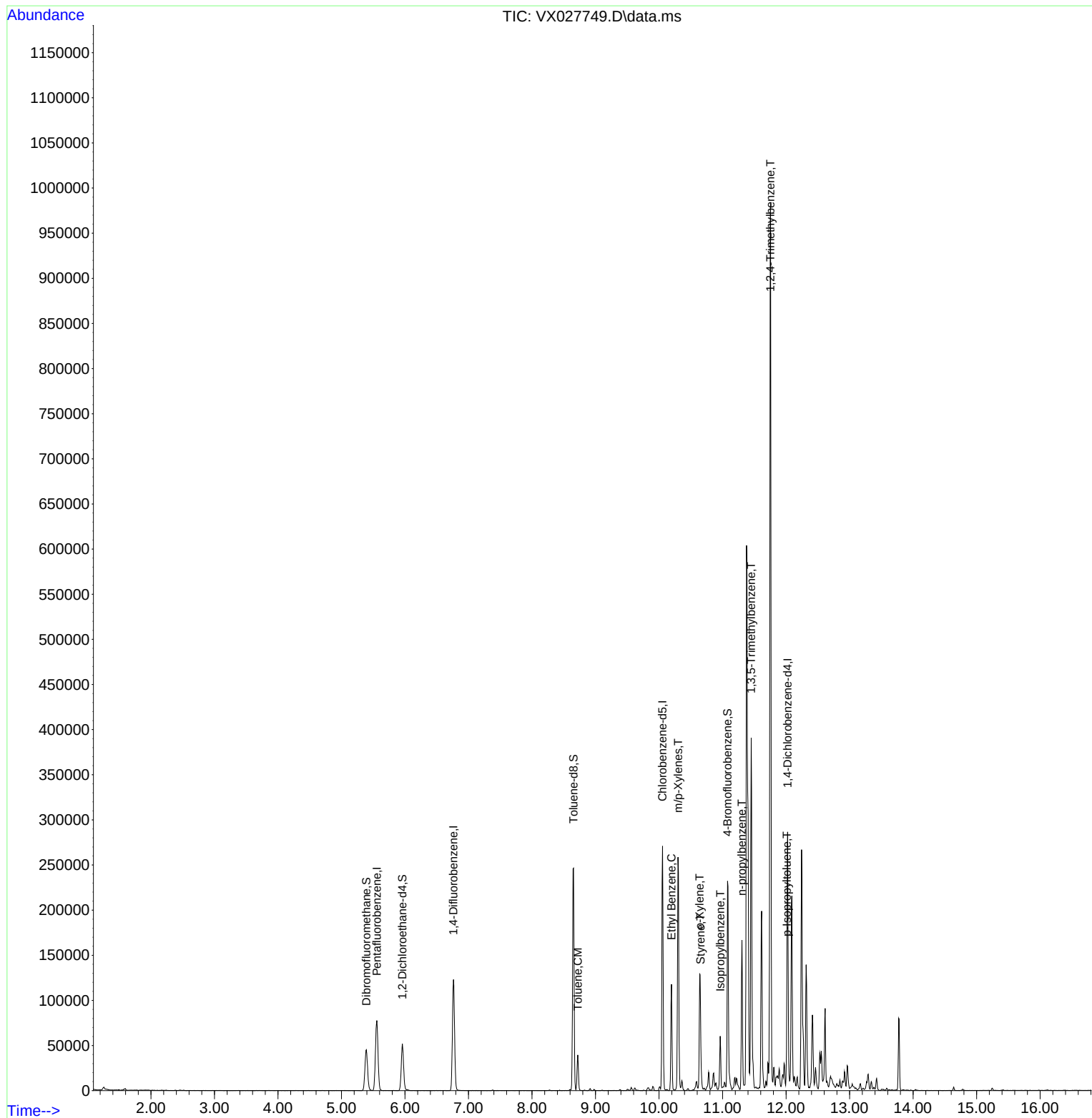
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 69463    | 50.000   | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 122279   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 114233   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 53074    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 49204    | 43.188   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =      | 86.380%  |
| 35) Dibromofluoromethane    | 5.391  | 113   | 39000    | 48.568   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =      | 97.140%  |
| 50) Toluene-d8              | 8.653  | 98    | 149000   | 48.001   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =      | 96.000%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 62426    | 49.562   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =      | 99.120%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 52) Toluene                 | 8.720  | 92    | 14297    | 6.527    | ug/l   | 96       |
| 67) Ethyl Benzene           | 10.195 | 91    | 63086    | 14.074   | ug/l   | 99       |
| 68) m/p-Xylenes             | 10.299 | 106   | 56893    | 35.017   | ug/l   | 92       |
| 69) o-Xylene                | 10.640 | 106   | 26222    | 16.061   | ug/l   | 97       |
| 70) Styrene                 | 10.653 | 104   | 11866    | 4.572    | ug/l   | # 64     |
| 73) Isopropylbenzene        | 10.963 | 105   | 29415    | 6.748    | ug/l   | 95       |
| 78) n-propylbenzene         | 11.305 | 91    | 98351    | 19.016   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene  | 11.451 | 105   | 165594   | 44.196   | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene  | 11.756 | 105   | 435127   | 114.418  | ug/l   | 96       |
| 86) p-Isopropyltoluene      | 12.012 | 119   | 5375     | 1.515    | ug/l   | 89       |
| -----                       |        |       |          |          |        |          |

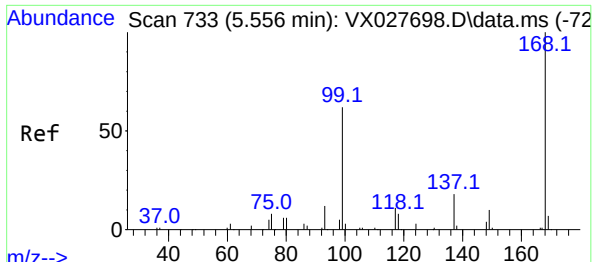
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : N2084-01DL 20X  
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ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BLDG-3DL

Quant Time: Mar 28 17:01:11 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032522W.M  
Quant Title : SW846 8260  
QLast Update : Fri Mar 25 16:26:59 2022  
Response via : Initial Calibration

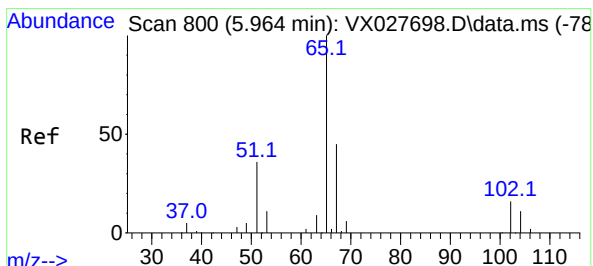
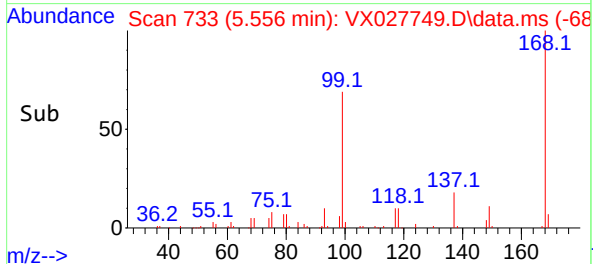
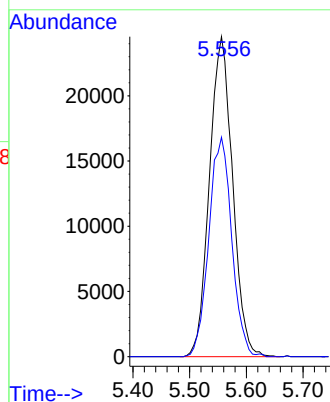
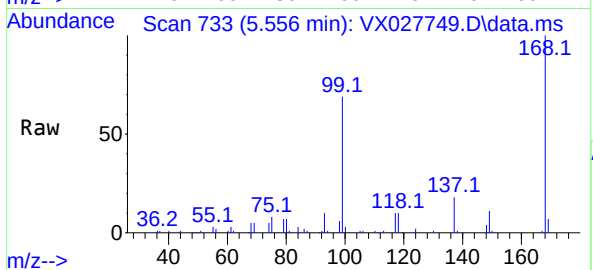




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 711  
Delta R.T. -0.000 min  
Lab File: VX027749.D  
Acq: 28 Mar 2022 13:39

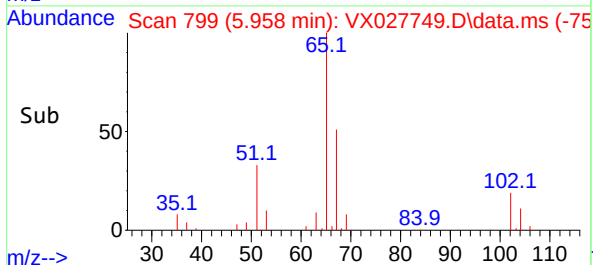
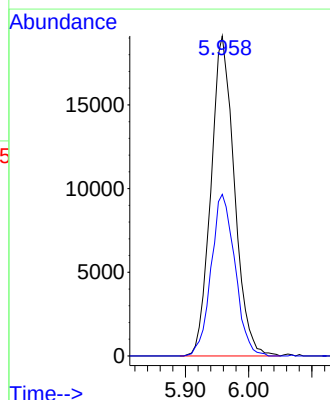
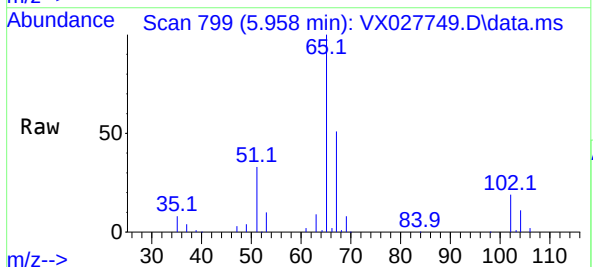
Instrument :  
MSVOA\_X  
ClientSampleId :  
BLDG-3DL

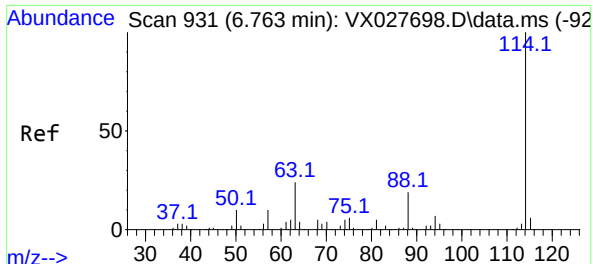
Tgt Ion:168 Resp: 69463  
Ion Ratio Lower Upper  
168 100  
99 68.5 41.7 62.5#



#33  
1,2-Dichloroethane-d4  
Concen: 43.188 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. -0.006 min  
Lab File: VX027749.D  
Acq: 28 Mar 2022 13:39

Tgt Ion: 65 Resp: 49204  
Ion Ratio Lower Upper  
65 100  
67 51.4 0.0 107.4

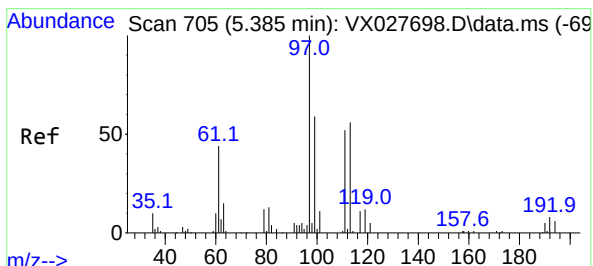
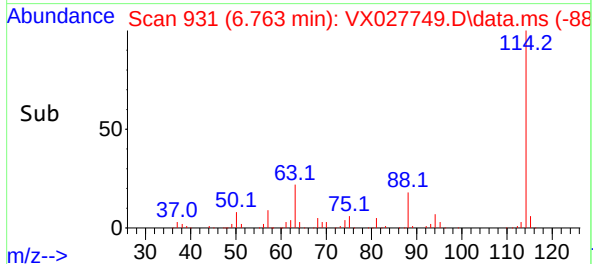
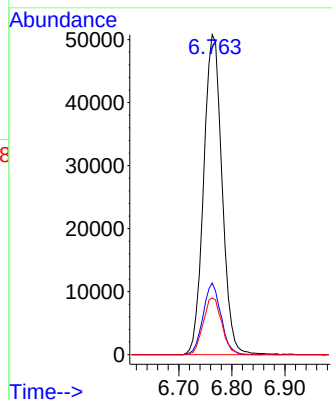
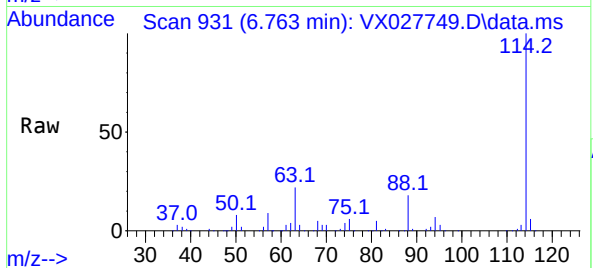




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VX027749.D  
Acq: 28 Mar 2022 13:39

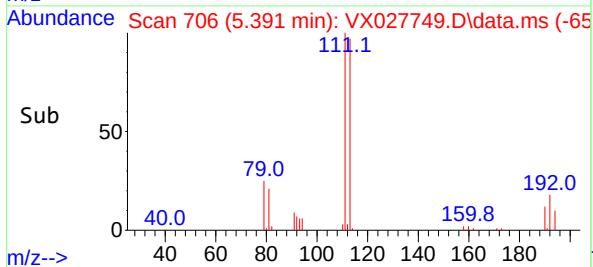
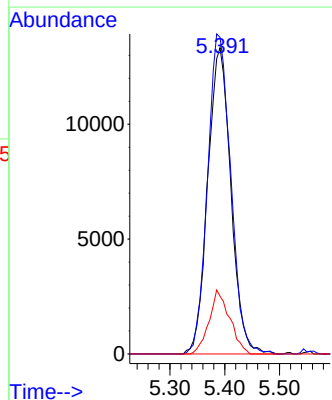
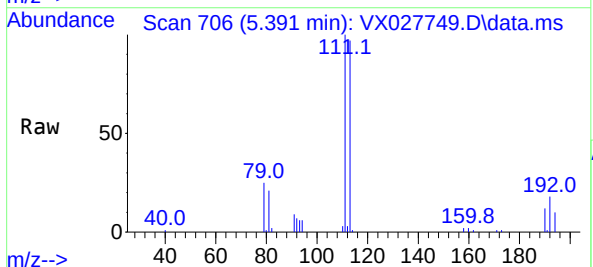
Instrument :  
MSVOA\_X  
ClientSampleId :  
BLDG-3DL

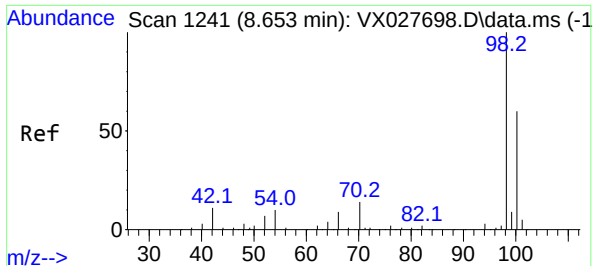
Tgt Ion:114 Resp: 122279  
Ion Ratio Lower Upper  
114 100  
63 22.4 0.0 36.8  
88 17.7 0.0 32.4



#35  
Dibromofluoromethane  
Concen: 48.568 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX027749.D  
Acq: 28 Mar 2022 13:39

Tgt Ion:113 Resp: 39000  
Ion Ratio Lower Upper  
113 100  
111 104.8 82.8 124.2  
192 18.6 16.9 25.3

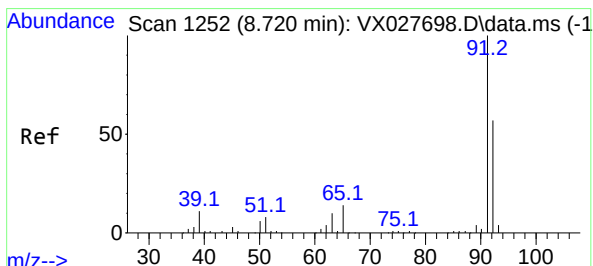
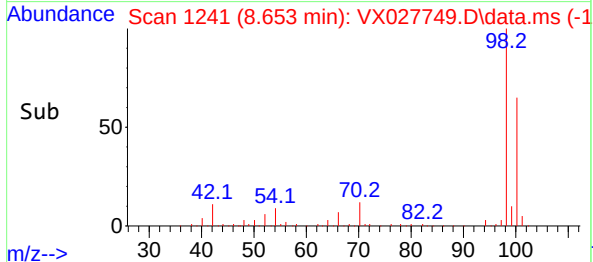
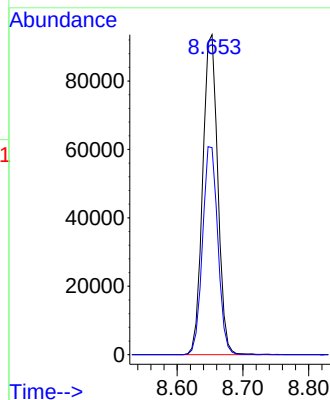
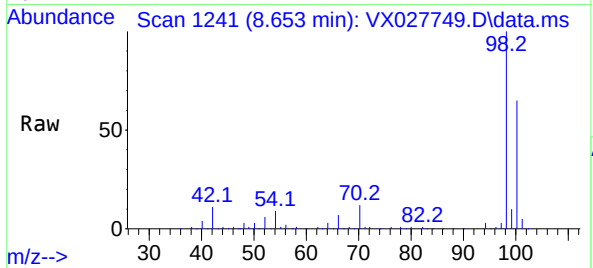




#50  
Toluene-d8  
Concen: 48.001 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX027749.D  
Acq: 28 Mar 2022 13:39

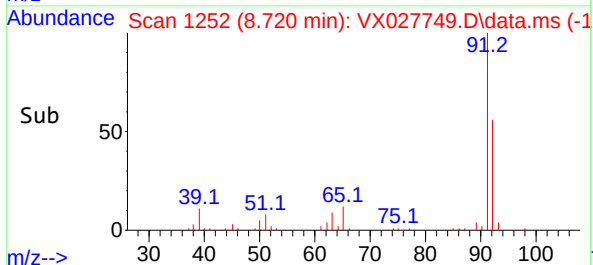
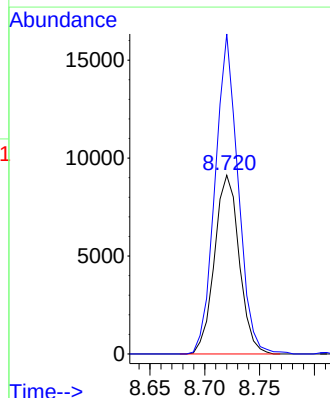
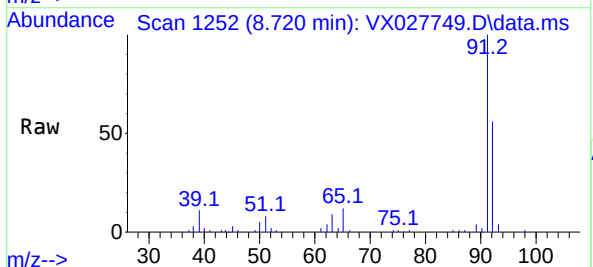
Instrument :  
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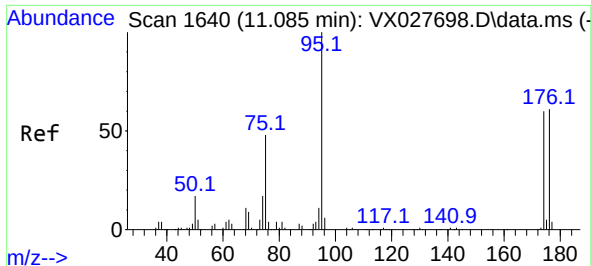
Tgt Ion: 98 Resp: 149000  
Ion Ratio Lower Upper  
98 100  
100 65.9 52.6 78.8



#52  
Toluene  
Concen: 6.527 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX027749.D  
Acq: 28 Mar 2022 13:39

Tgt Ion: 92 Resp: 14297  
Ion Ratio Lower Upper  
92 100  
91 166.9 137.5 206.3

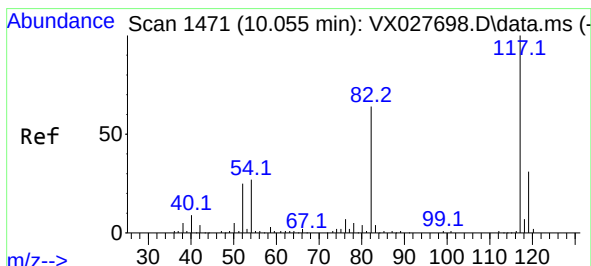
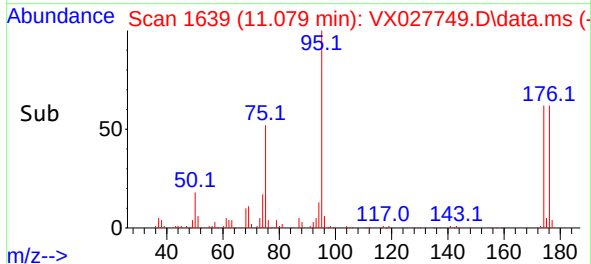
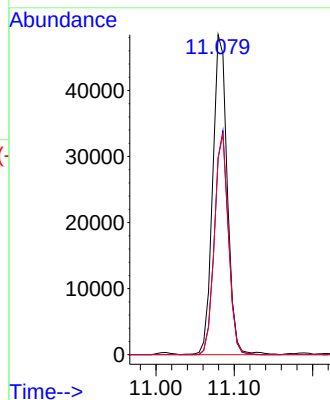
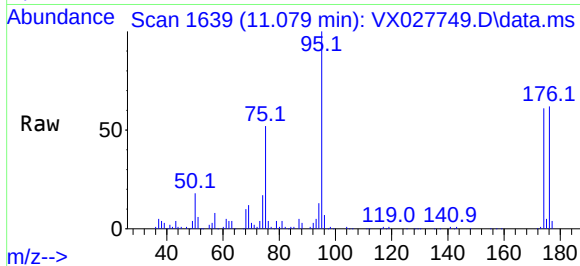




#62  
4-Bromofluorobenzene  
Concen: 49.562 ug/l  
RT: 11.079 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: VX027749.D  
Acq: 28 Mar 2022 13:39

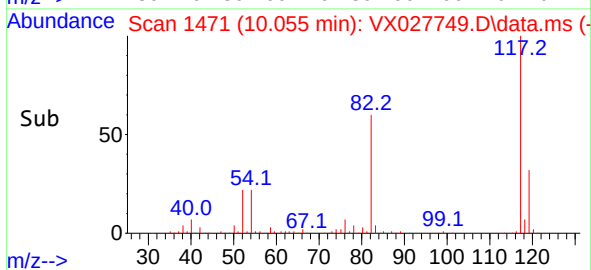
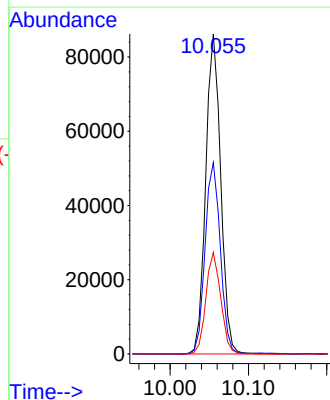
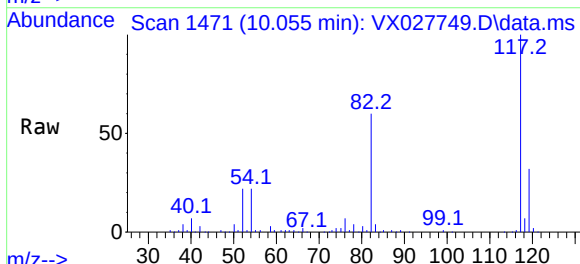
Instrument :  
MSVOA\_X  
ClientSampleId :  
BLDG-3DL

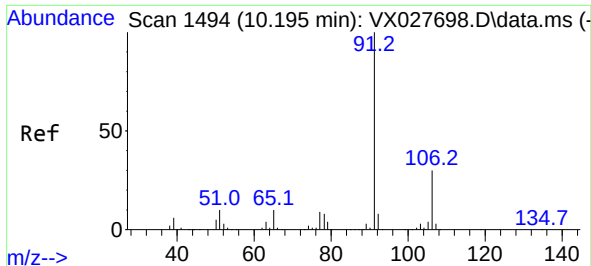
Tgt Ion: 95 Resp: 62426  
Ion Ratio Lower Upper  
95 100  
174 66.8 0.0 163.0  
176 66.2 0.0 155.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX027749.D  
Acq: 28 Mar 2022 13:39

Tgt Ion: 117 Resp: 114233  
Ion Ratio Lower Upper  
117 100  
82 59.8 41.8 62.8  
119 31.7 24.8 37.2





#67

Ethyl Benzene

Concen: 14.074 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX027749.D

Acq: 28 Mar 2022 13:39

Instrument :

MSVOA\_X

ClientSampleId :

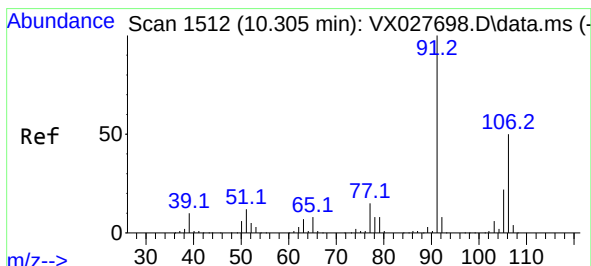
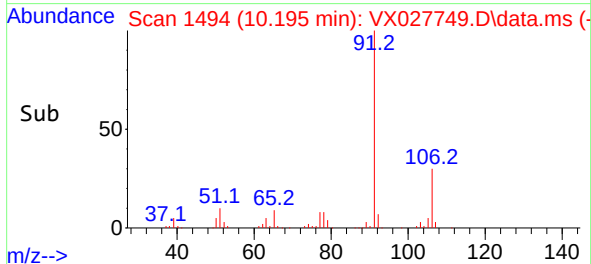
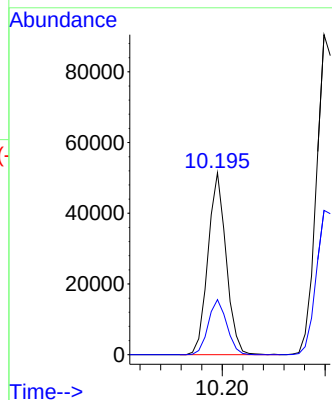
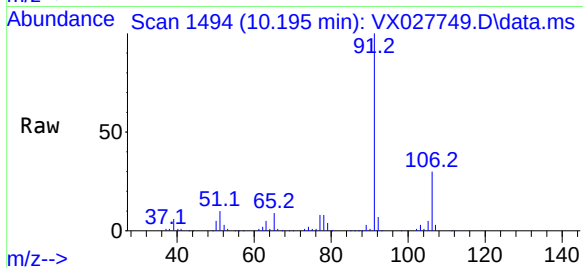
BLDG-3DL

Tgt Ion: 91 Resp: 63086

Ion Ratio Lower Upper

91 100

106 30.3 24.6 36.8



#68

m/p-Xylenes

Concen: 35.017 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX027749.D

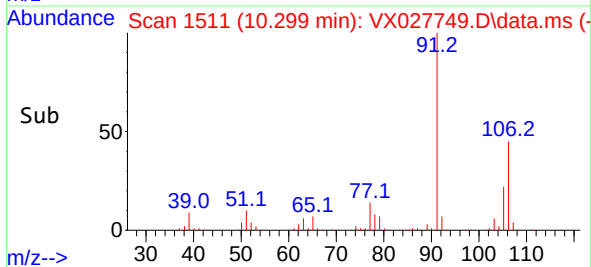
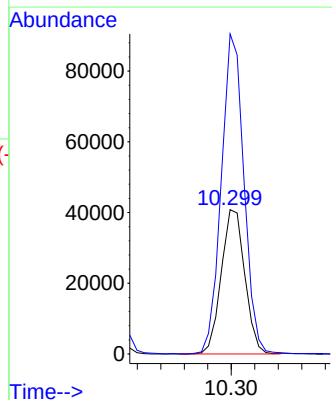
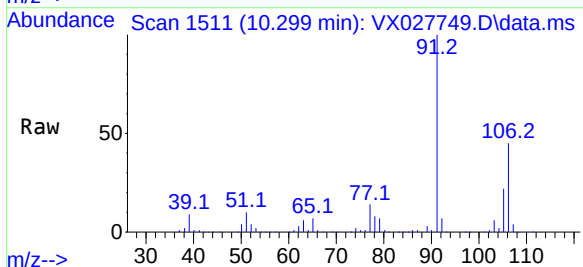
Acq: 28 Mar 2022 13:39

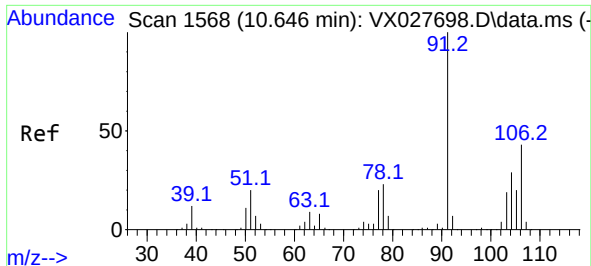
Tgt Ion:106 Resp: 56893

Ion Ratio Lower Upper

106 100

91 213.1 160.4 240.6

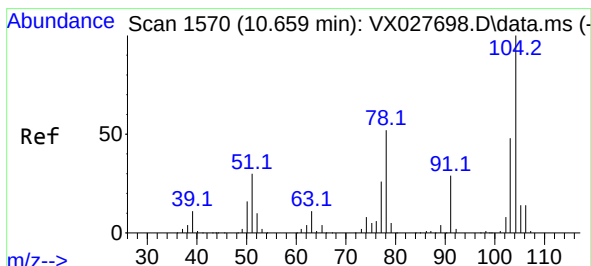
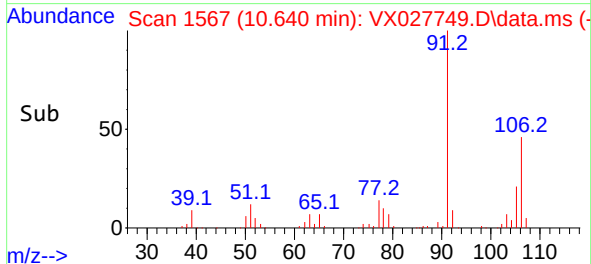
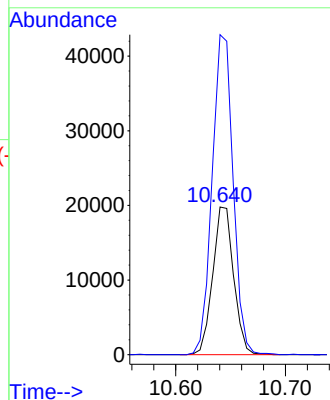
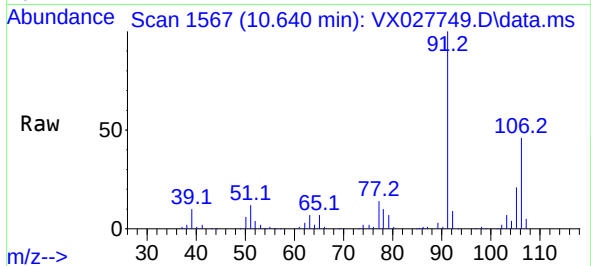




#69  
o-Xylene  
Concen: 16.061 ug/l  
RT: 10.640 min Scan# 1568  
Delta R.T. -0.006 min  
Lab File: VX027749.D  
Acq: 28 Mar 2022 13:39

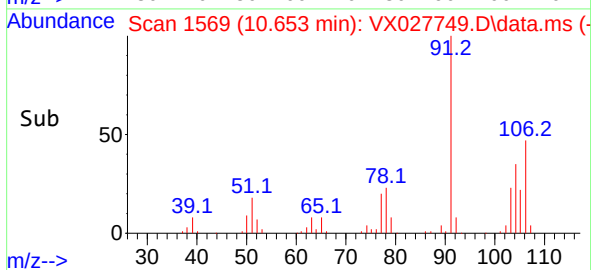
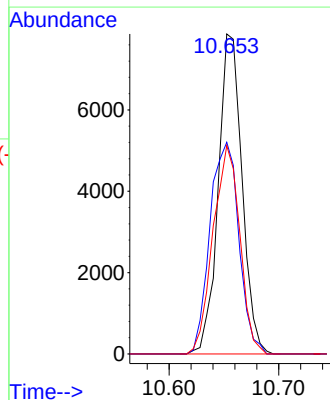
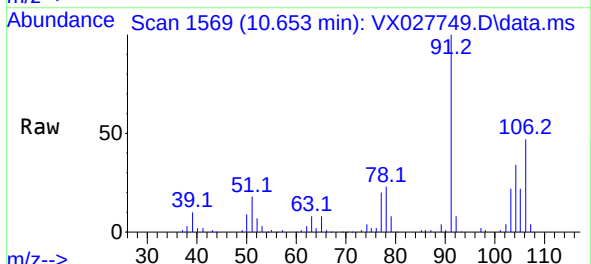
Instrument :  
MSVOA\_X  
ClientSampleId :  
BLDG-3DL

Tgt Ion:106 Resp: 26222  
Ion Ratio Lower Upper  
106 100  
91 217.5 106.1 318.1

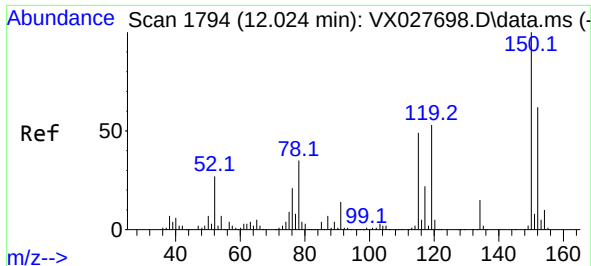


#70  
Styrene  
Concen: 4.572 ug/l  
RT: 10.653 min Scan# 1569  
Delta R.T. -0.006 min  
Lab File: VX027749.D  
Acq: 28 Mar 2022 13:39

Tgt Ion:104 Resp: 11866  
Ion Ratio Lower Upper  
104 100  
78 80.3 38.6 57.8#  
103 73.1 43.8 65.8#



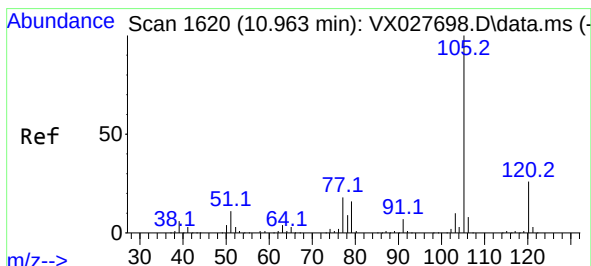
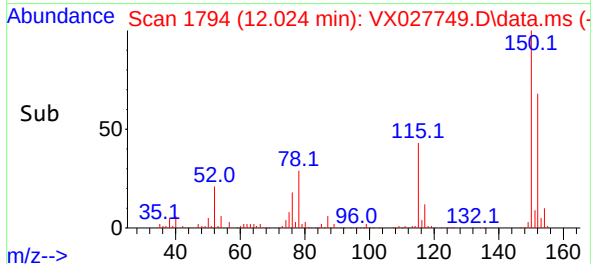
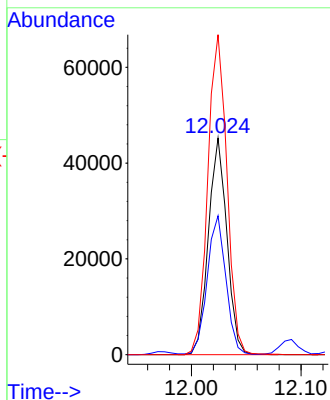
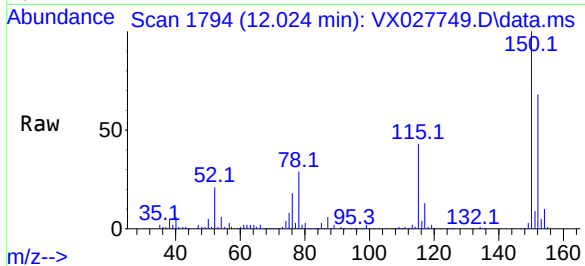




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX027749.D  
Acq: 28 Mar 2022 13:39

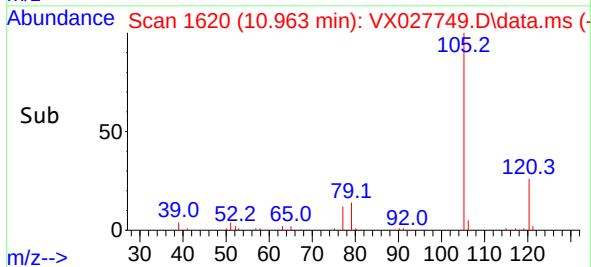
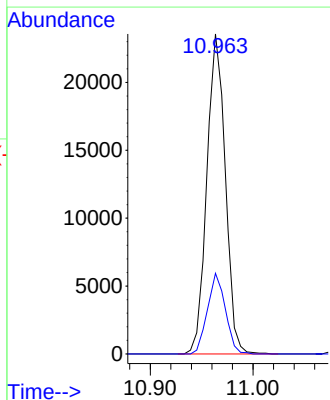
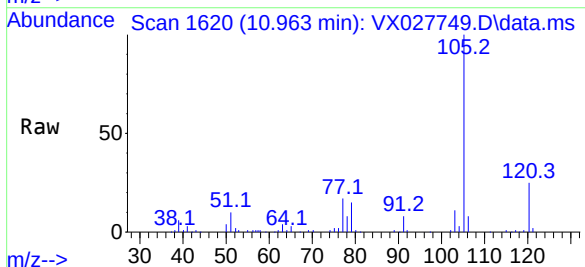
Instrument :  
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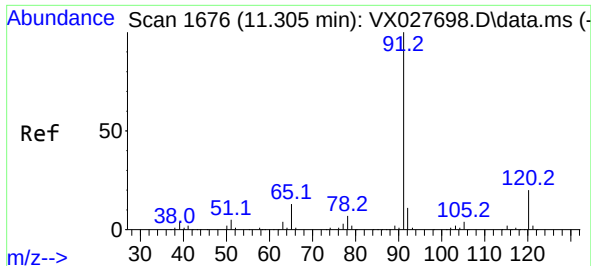
Tgt Ion:152 Resp: 53074  
Ion Ratio Lower Upper  
152 100  
115 64.5 37.5 112.7  
150 152.8 0.0 338.2



#73  
Isopropylbenzene  
Concen: 6.748 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX027749.D  
Acq: 28 Mar 2022 13:39

Tgt Ion:105 Resp: 29415  
Ion Ratio Lower Upper  
105 100  
120 24.5 13.5 40.5

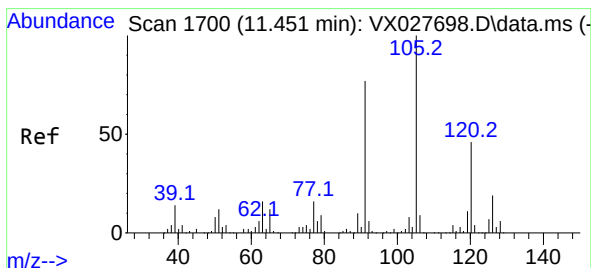
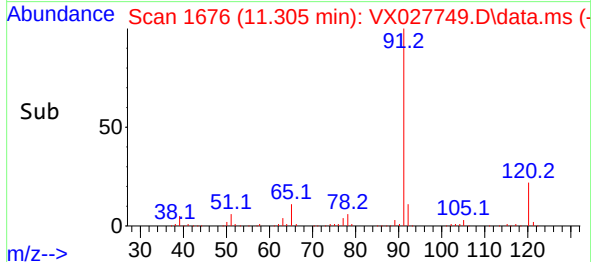
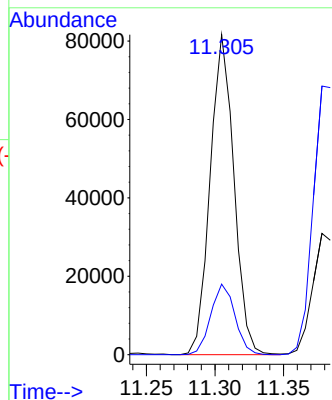
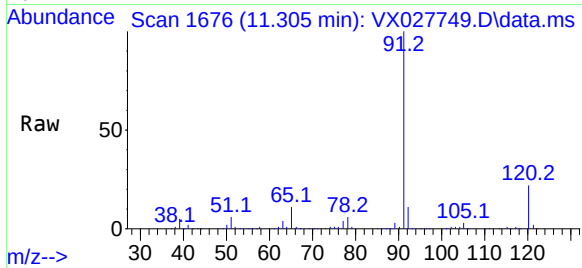




#78  
n-propylbenzene  
Concen: 19.016 ug/l  
RT: 11.305 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX027749.D  
Acq: 28 Mar 2022 13:39

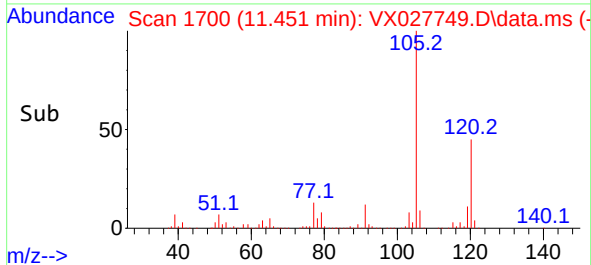
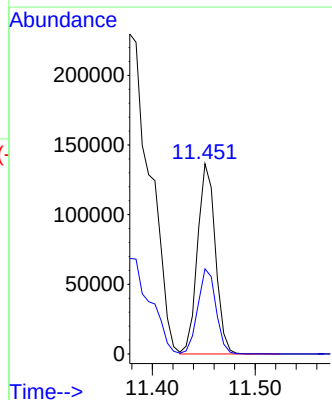
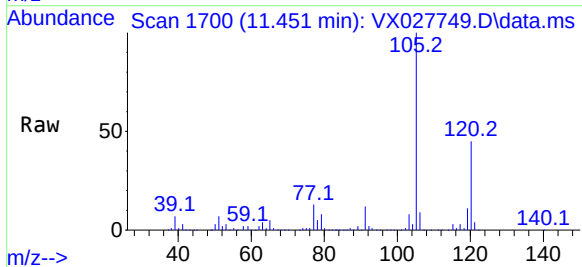
Instrument :  
MSVOA\_X  
ClientSampleId :  
BLDG-3DL

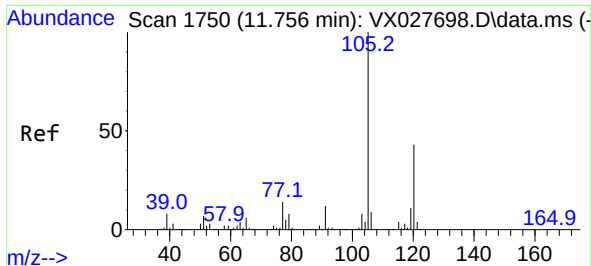
Tgt Ion: 91 Resp: 98351  
Ion Ratio Lower Upper  
91 100  
120 22.4 11.6 34.8



#80  
1,3,5-Trimethylbenzene  
Concen: 44.196 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX027749.D  
Acq: 28 Mar 2022 13:39

Tgt Ion: 105 Resp: 165594  
Ion Ratio Lower Upper  
105 100  
120 45.2 24.3 72.9

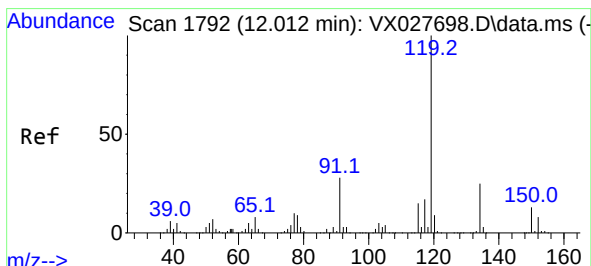
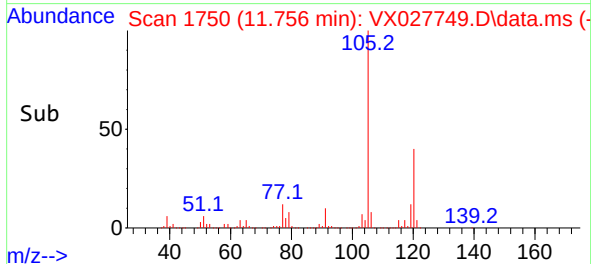
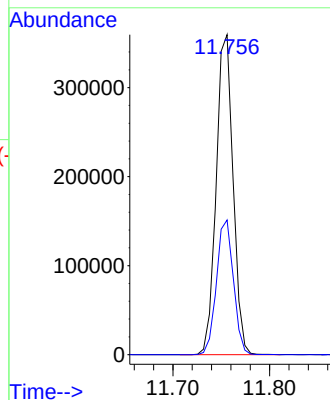
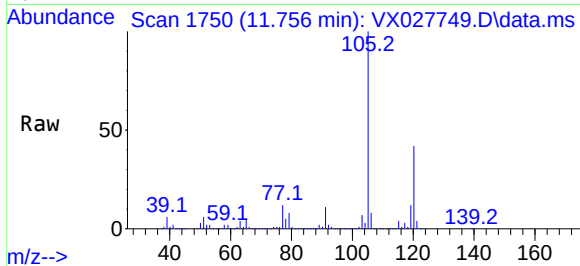




#84  
1,2,4-Trimethylbenzene  
Concen: 114.418 ug/l  
RT: 11.756 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX027749.D  
Acq: 28 Mar 2022 13:39

Instrument :  
MSVOA\_X  
ClientSampleId :  
BLDG-3DL

Tgt Ion:105 Resp: 435127  
Ion Ratio Lower Upper  
105 100  
120 42.3 22.6 67.8



#86  
p-Isopropyltoluene  
Concen: 1.515 ug/l  
RT: 12.012 min Scan# 1792  
Delta R.T. 0.000 min  
Lab File: VX027749.D  
Acq: 28 Mar 2022 13:39

Tgt Ion:119 Resp: 5375  
Ion Ratio Lower Upper  
119 100  
134 25.5 13.0 39.0  
91 33.1 11.3 33.9

