

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN042522\  
 Data File : VN072191.D  
 Acq On : 25 Apr 2022 19:53  
 Operator : JC\MD  
 Sample : N2524-09 10X  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 33660

Quant Time: Apr 26 05:41:46 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N033022W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 31 01:57:54 2022  
 Response via : Initial Calibration

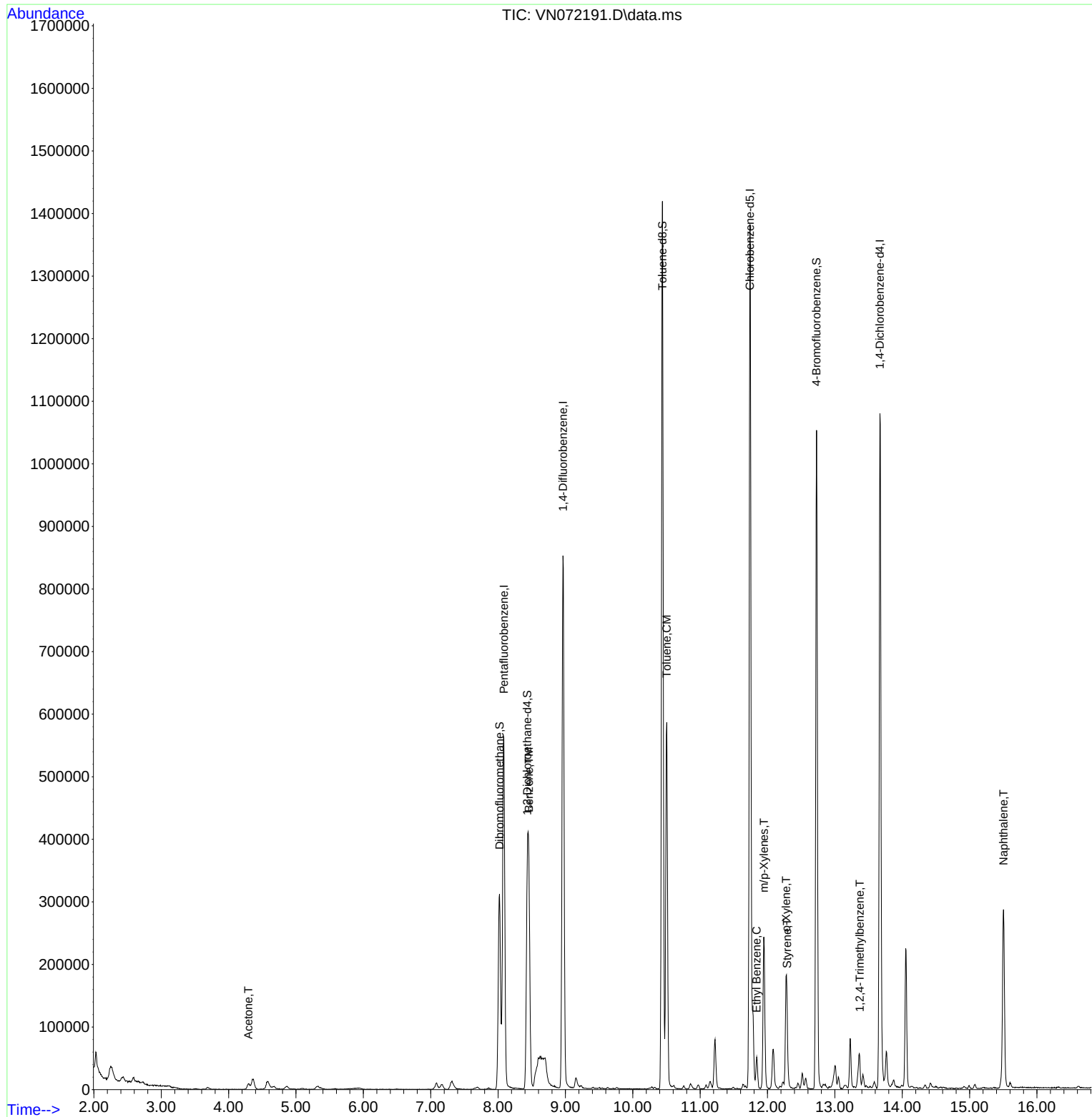
| Compound                    | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-----------------------------|--------|----------------|----------|--------|----------|----------|
| -----                       |        |                |          |        |          |          |
| Internal Standards          |        |                |          |        |          |          |
| 1) Pentafluorobenzene       | 8.086  | 168            | 488981   | 50.000 | ug/l     | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.963  | 114            | 840113   | 50.000 | ug/l     | 0.00     |
| 63) Chlorobenzene-d5        | 11.739 | 117            | 896062   | 50.000 | ug/l     | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.668 | 152            | 345663   | 50.000 | ug/l     | 0.00     |
| System Monitoring Compounds |        |                |          |        |          |          |
| 33) 1,2-Dichloroethane-d4   | 8.433  | 65             | 249010   | 44.607 | ug/l     | 0.00     |
| Spiked Amount               | 50.000 | Range 61 - 141 | Recovery | =      | 89.220%  |          |
| 35) Dibromofluoromethane    | 8.022  | 113            | 236112   | 47.761 | ug/l     | 0.00     |
| Spiked Amount               | 50.000 | Range 69 - 133 | Recovery | =      | 95.520%  |          |
| 50) Toluene-d8              | 10.439 | 98             | 1047752  | 51.810 | ug/l     | 0.00     |
| Spiked Amount               | 50.000 | Range 65 - 126 | Recovery | =      | 103.620% |          |
| 62) 4-Bromofluorobenzene    | 12.727 | 95             | 371466   | 56.795 | ug/l     | 0.00     |
| Spiked Amount               | 50.000 | Range 58 - 135 | Recovery | =      | 113.600% |          |
| Target Compounds            |        |                |          |        |          |          |
|                             |        |                |          |        | Qvalue   |          |
| 16) Acetone                 | 4.293  | 43             | 15933    | 6.679  | ug/l     | 95       |
| 40) Benzene                 | 8.457  | 78             | 302030   | 13.850 | ug/l     | 100      |
| 52) Toluene                 | 10.504 | 92             | 276211   | 20.037 | ug/l     | 99       |
| 67) Ethyl Benzene           | 11.839 | 91             | 36162    | 1.191  | ug/l     | 93       |
| 68) m/p-Xylenes             | 11.945 | 106            | 87637    | 7.509  | ug/l     | 93       |
| 69) o-Xylene                | 12.274 | 106            | 48574    | 4.193  | ug/l     | 95       |
| 70) Styrene                 | 12.292 | 104            | 34690    | 1.977  | ug/l #   | 86       |
| 84) 1,2,4-Trimethylbenzene  | 13.368 | 105            | 26999    | 1.199  | ug/l     | 98       |
| 95) Naphthalene             | 15.504 | 128            | 300511   | 21.442 | ug/l     | 99       |
| -----                       |        |                |          |        |          |          |

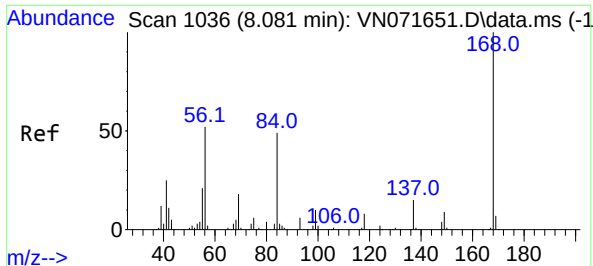
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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33660

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N033022W.M  
Quant Title : SW846 8260  
QLast Update : Thu Mar 31 01:57:54 2022  
Response via : Initial Calibration

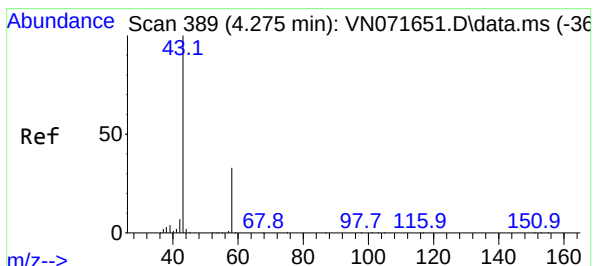
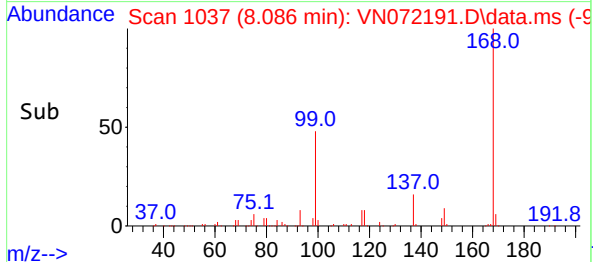
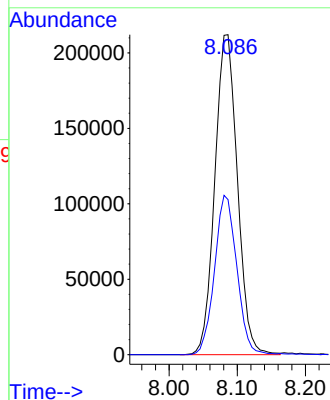
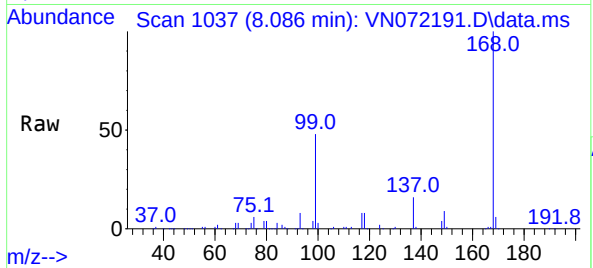




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.086 min Scan# 1036  
Delta R.T. 0.005 min  
Lab File: VN072191.D  
Acq: 25 Apr 2022 19:53

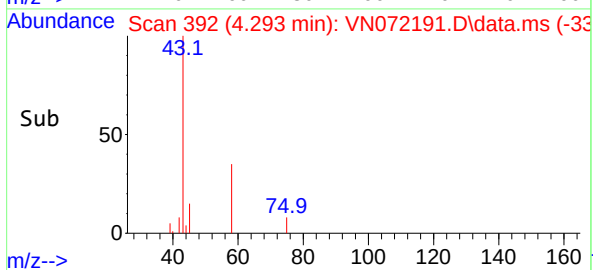
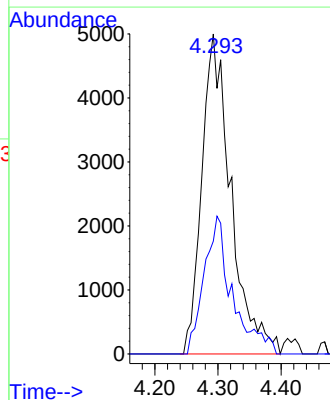
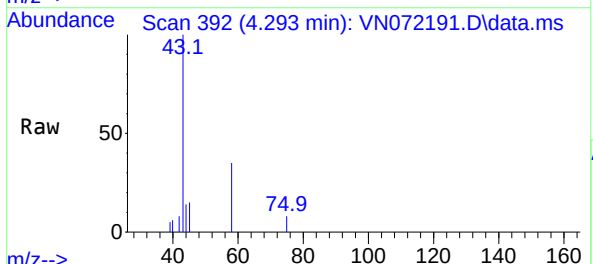
Instrument :  
MSVOA\_N  
ClientSampleId :  
33660

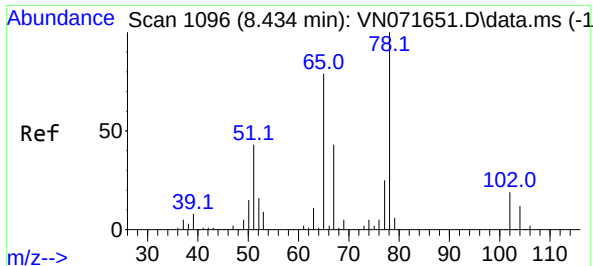
Tgt Ion:168 Resp: 488981  
Ion Ratio Lower Upper  
168 100  
99 48.5 42.3 63.5



#16  
Acetone  
Concen: 6.679 ug/l  
RT: 4.293 min Scan# 392  
Delta R.T. 0.018 min  
Lab File: VN072191.D  
Acq: 25 Apr 2022 19:53

Tgt Ion: 43 Resp: 15933  
Ion Ratio Lower Upper  
43 100  
58 35.3 26.0 39.0

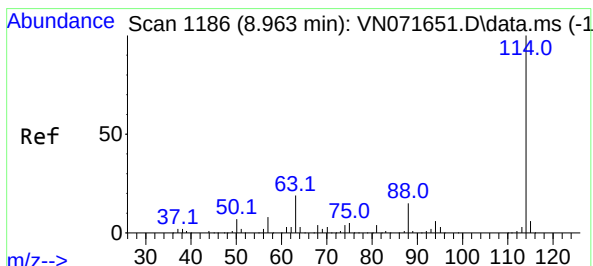
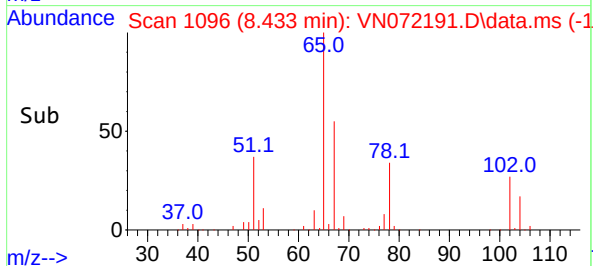
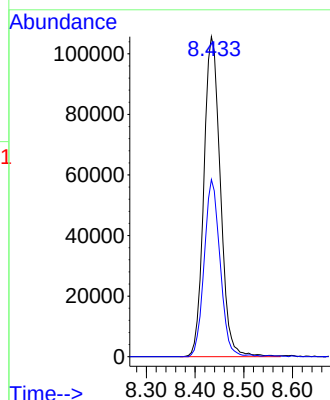
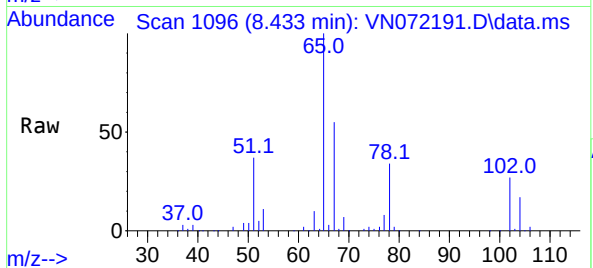




#33  
1,2-Dichloroethane-d4  
Concen: 44.607 ug/l  
RT: 8.433 min Scan# 1096  
Delta R.T. -0.001 min  
Lab File: VN072191.D  
Acq: 25 Apr 2022 19:53

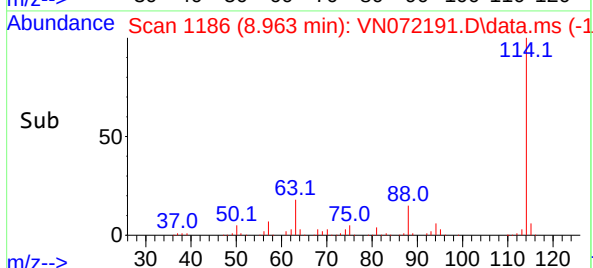
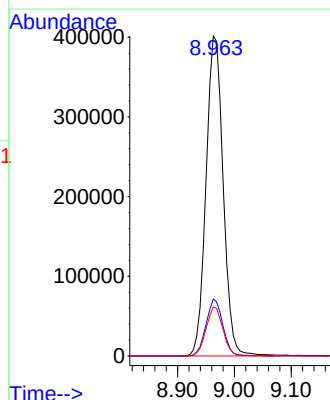
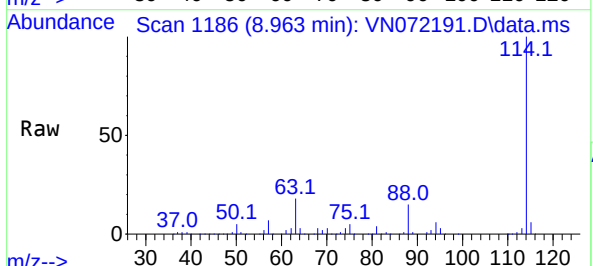
Instrument :  
MSVOA\_N  
ClientSampleId :  
33660

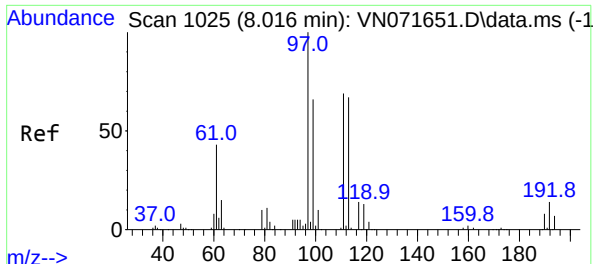
Tgt Ion: 65 Resp: 249010  
Ion Ratio Lower Upper  
65 100  
67 52.9 0.0 104.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.963 min Scan# 1186  
Delta R.T. -0.000 min  
Lab File: VN072191.D  
Acq: 25 Apr 2022 19:53

Tgt Ion: 114 Resp: 840113  
Ion Ratio Lower Upper  
114 100  
63 17.8 0.0 40.0  
88 15.2 0.0 32.6

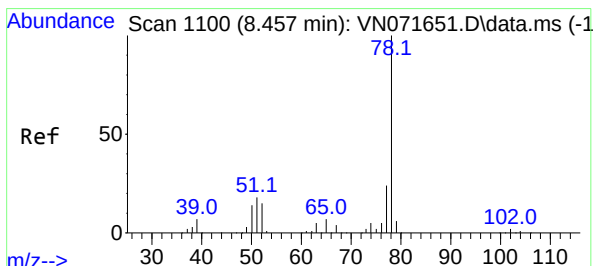
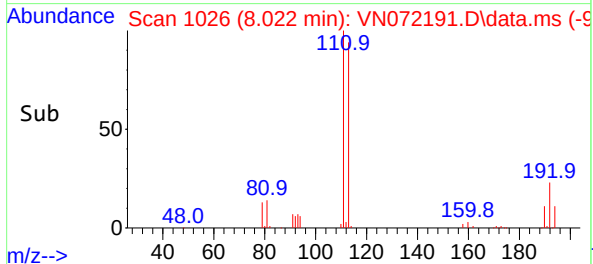
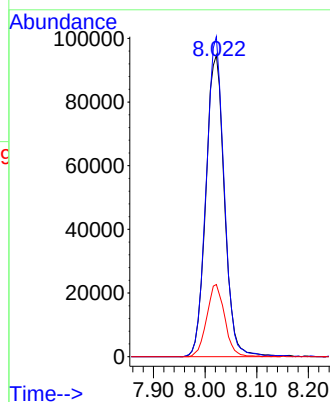
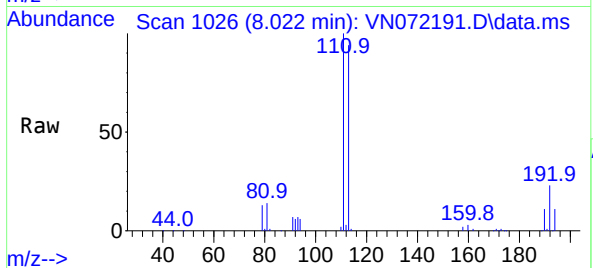




#35  
Dibromofluoromethane  
Concen: 47.761 ug/l  
RT: 8.022 min Scan# 110  
Delta R.T. 0.006 min  
Lab File: VN072191.D  
Acq: 25 Apr 2022 19:53

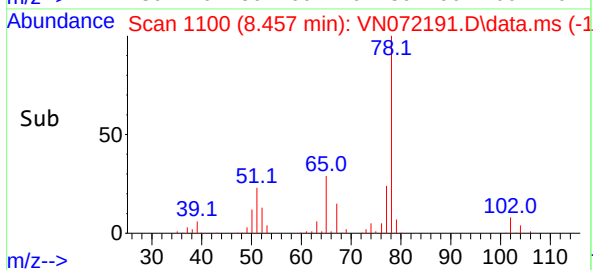
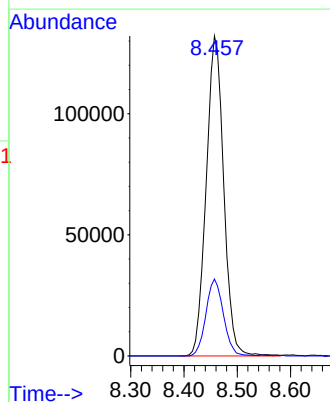
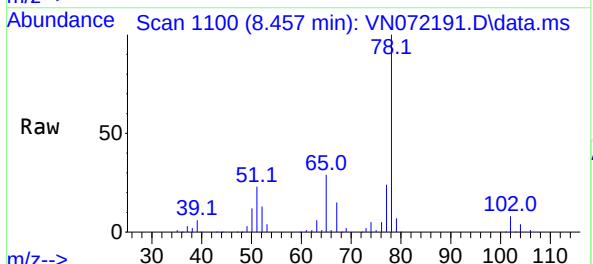
Instrument :  
MSVOA\_N  
ClientSampleId :  
33660

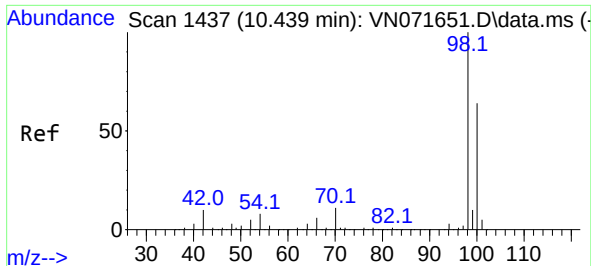
Tgt Ion:113 Resp: 236112  
Ion Ratio Lower Upper  
113 100  
111 102.3 81.4 122.0  
192 23.3 17.0 25.6



#40  
Benzene  
Concen: 13.850 ug/l  
RT: 8.457 min Scan# 1100  
Delta R.T. 0.000 min  
Lab File: VN072191.D  
Acq: 25 Apr 2022 19:53

Tgt Ion: 78 Resp: 302030  
Ion Ratio Lower Upper  
78 100  
77 24.0 19.4 29.0

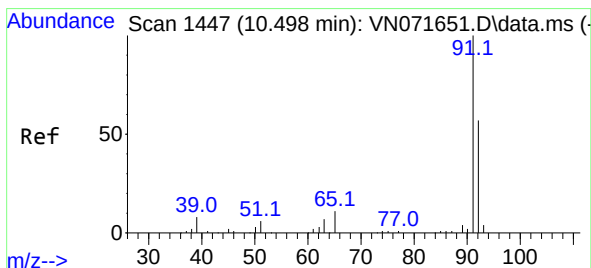
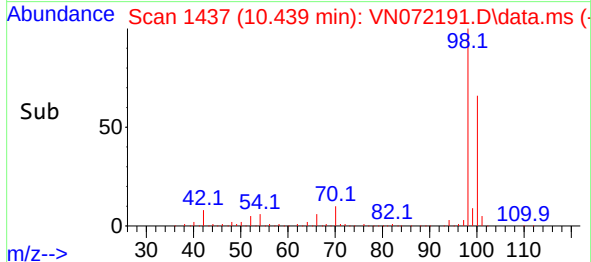
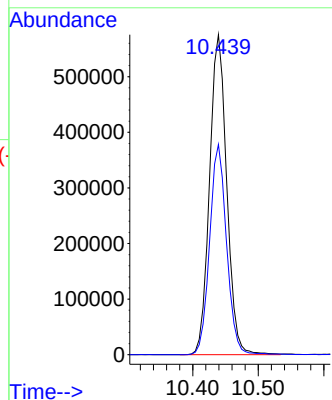
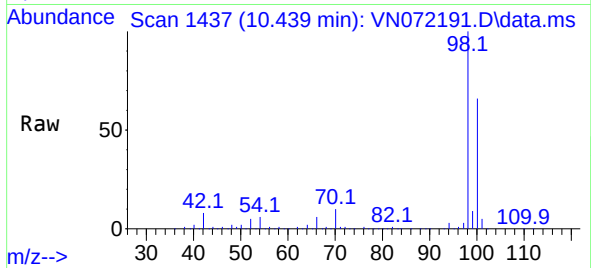




#50  
Toluene-d8  
Concen: 51.810 ug/l  
RT: 10.439 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: VN072191.D  
Acq: 25 Apr 2022 19:53

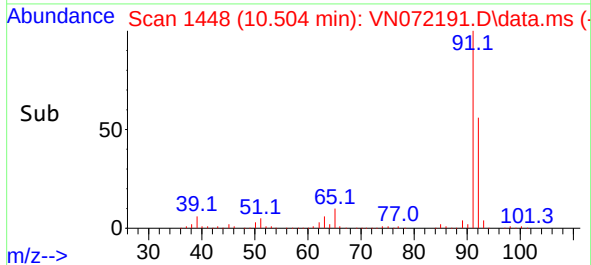
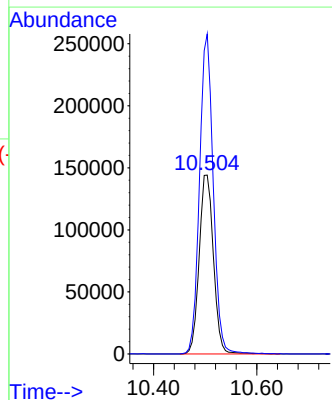
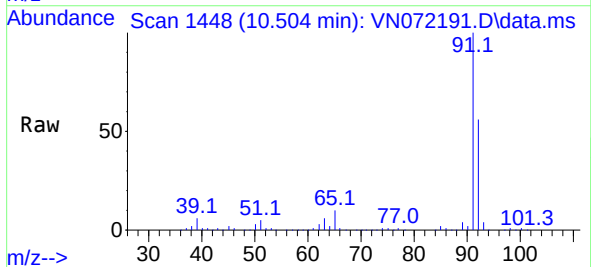
Instrument :  
MSVOA\_N  
ClientSampleId :  
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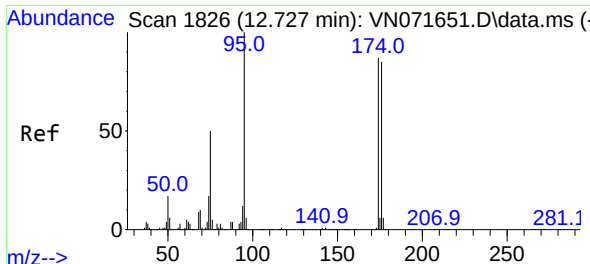
Tgt Ion: 98 Resp: 1047752  
Ion Ratio Lower Upper  
98 100  
100 64.9 52.6 78.8



#52  
Toluene  
Concen: 20.037 ug/l  
RT: 10.504 min Scan# 1448  
Delta R.T. 0.006 min  
Lab File: VN072191.D  
Acq: 25 Apr 2022 19:53

Tgt Ion: 92 Resp: 276211  
Ion Ratio Lower Upper  
92 100  
91 171.8 138.6 207.8

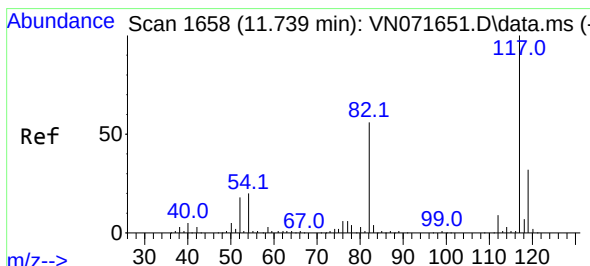
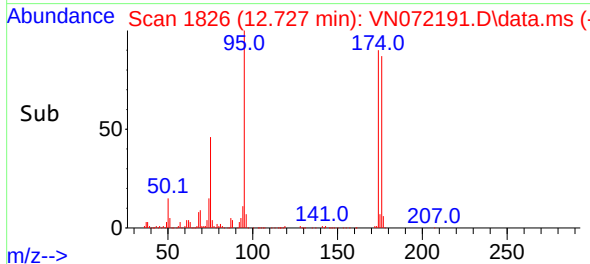
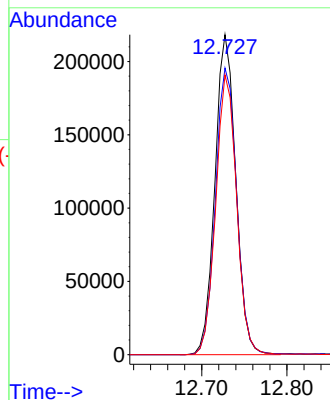
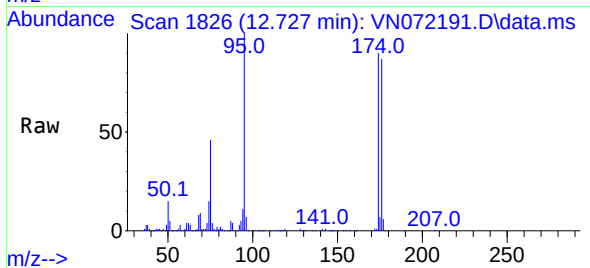




#62  
4-Bromofluorobenzene  
Concen: 56.795 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN072191.D  
Acq: 25 Apr 2022 19:53

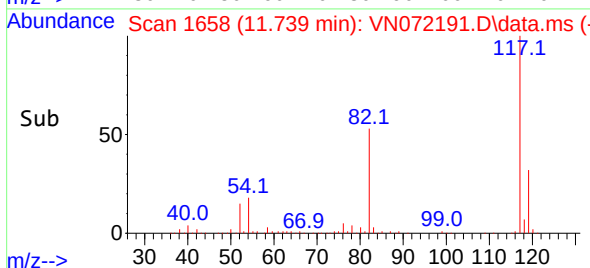
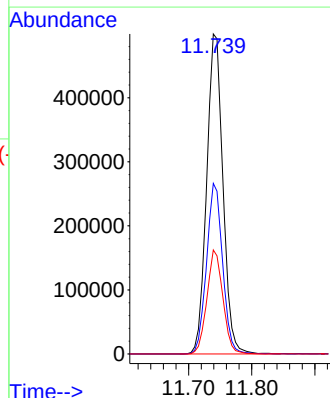
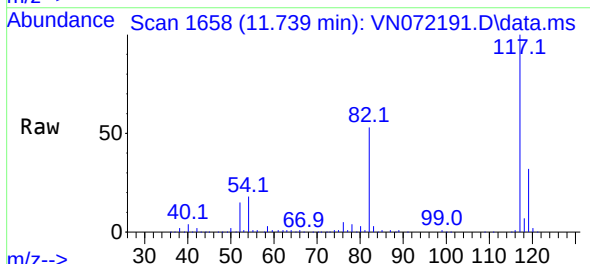
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ClientSampleId :  
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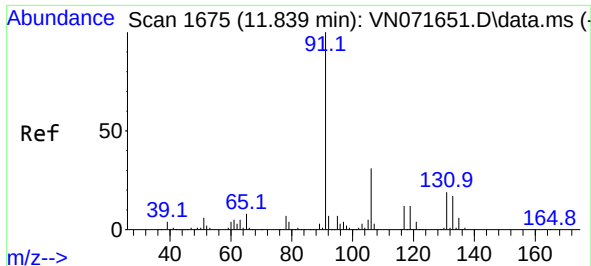
Tgt Ion: 95 Resp: 371466  
Ion Ratio Lower Upper  
95 100  
174 91.4 0.0 167.6  
176 87.7 0.0 163.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VN072191.D  
Acq: 25 Apr 2022 19:53

Tgt Ion: 117 Resp: 896062  
Ion Ratio Lower Upper  
117 100  
82 53.3 44.2 66.2  
119 32.5 25.4 38.0

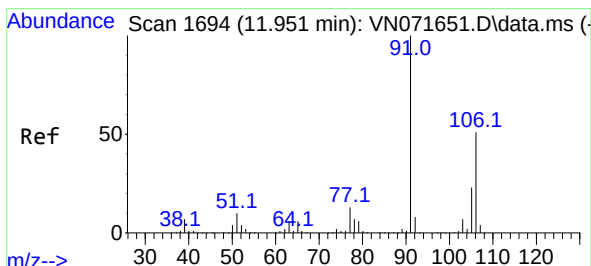
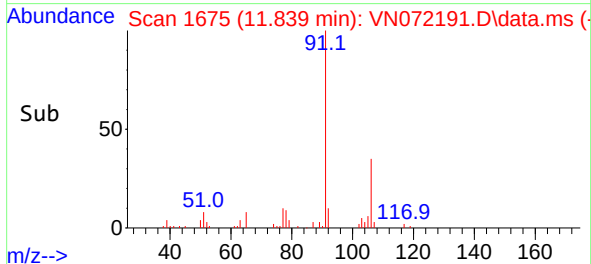
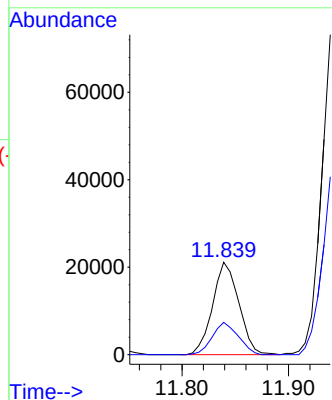
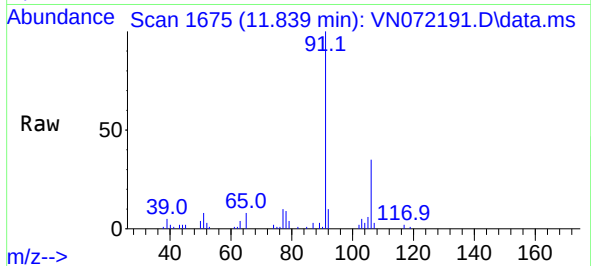




#67  
Ethyl Benzene  
Concen: 1.191 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VN072191.D  
Acq: 25 Apr 2022 19:53

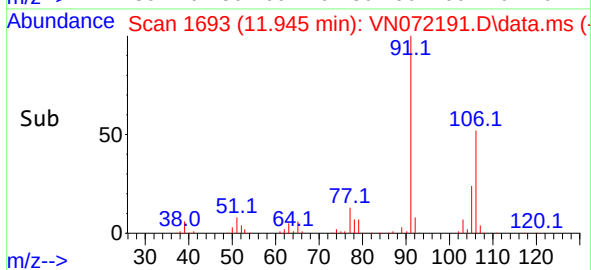
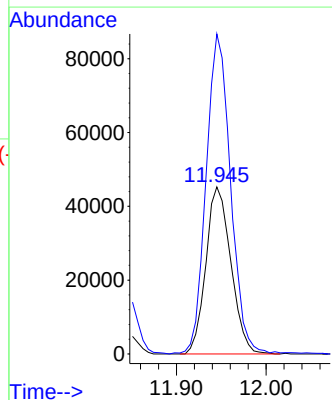
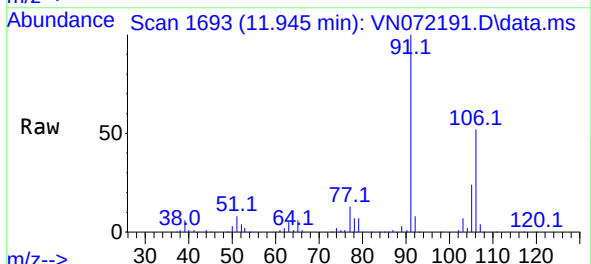
Instrument :  
MSVOA\_N  
ClientSampleId :  
33660

Tgt Ion: 91 Resp: 36162  
Ion Ratio Lower Upper  
91 100  
106 35.0 24.9 37.3

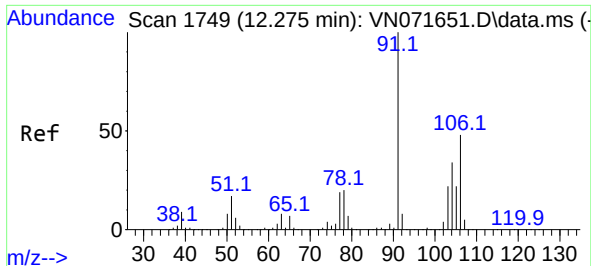


#68  
m/p-Xylenes  
Concen: 7.509 ug/l  
RT: 11.945 min Scan# 1693  
Delta R.T. -0.006 min  
Lab File: VN072191.D  
Acq: 25 Apr 2022 19:53

Tgt Ion: 106 Resp: 87637  
Ion Ratio Lower Upper  
106 100  
91 188.4 158.9 238.3







#69

o-Xylene

Concen: 4.193 ug/l

RT: 12.274 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN072191.D

Acq: 25 Apr 2022 19:53

Instrument :

MSVOA\_N

ClientSampleId :

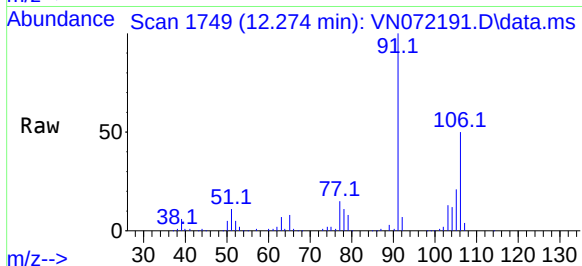
33660

Tgt Ion:106 Resp: 48574

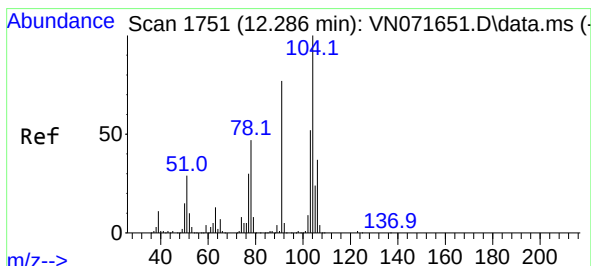
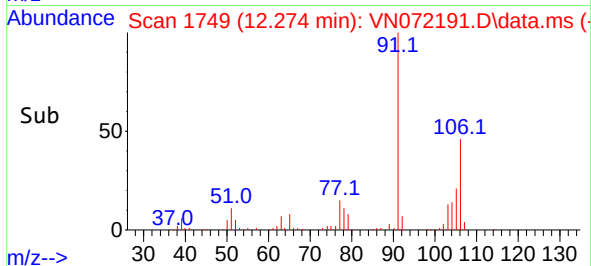
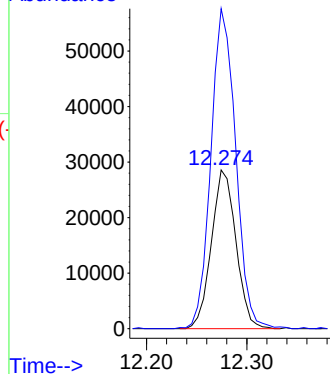
Ion Ratio Lower Upper

106 100

91 203.9 106.0 318.0



Abundance



#70

Styrene

Concen: 1.977 ug/l

RT: 12.292 min Scan# 1752

Delta R.T. 0.006 min

Lab File: VN072191.D

Acq: 25 Apr 2022 19:53

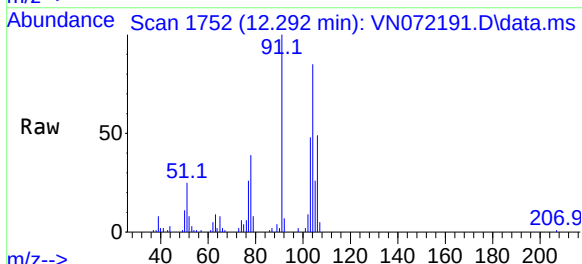
Tgt Ion:104 Resp: 34690

Ion Ratio Lower Upper

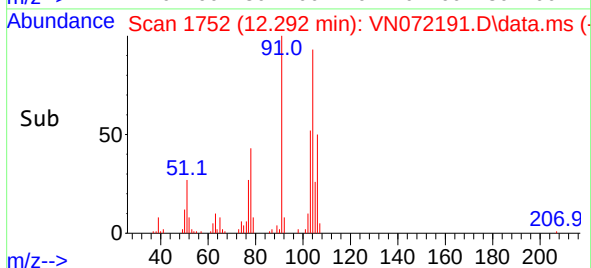
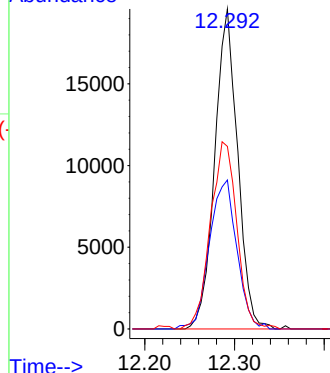
104 100

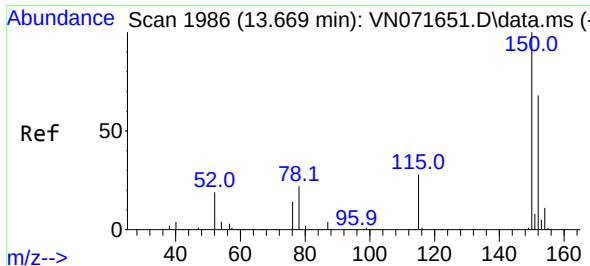
78 55.8 39.5 59.3

103 67.6 44.0 66.0#



Abundance

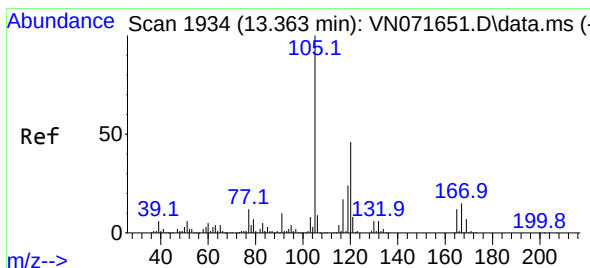
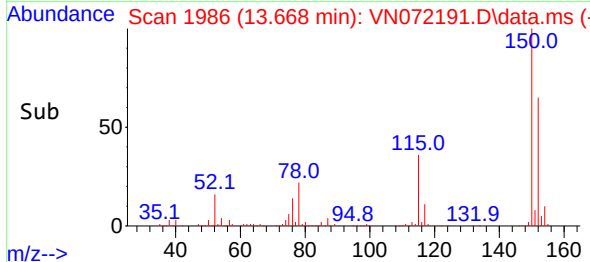
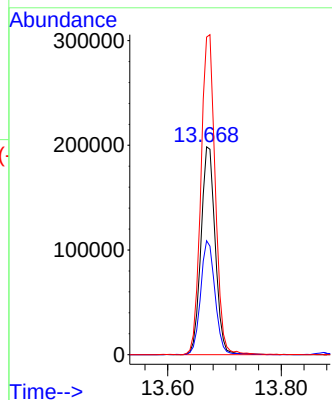
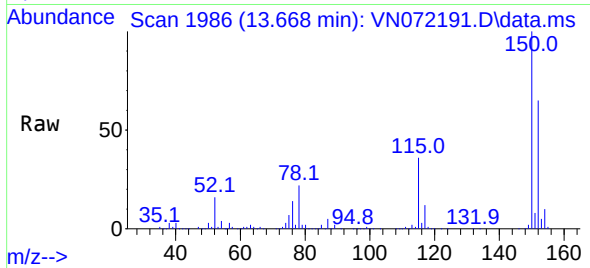




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.668 min Scan# 1986  
Delta R.T. -0.001 min  
Lab File: VN072191.D  
Acq: 25 Apr 2022 19:53

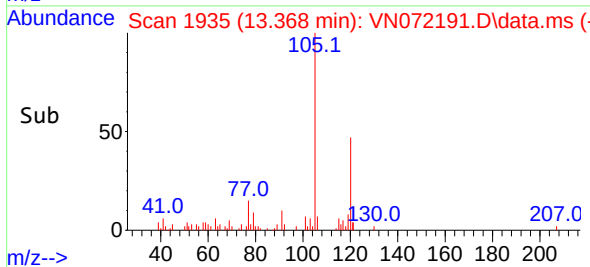
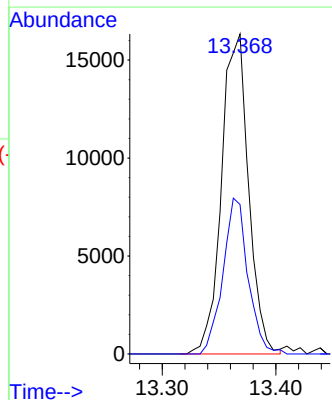
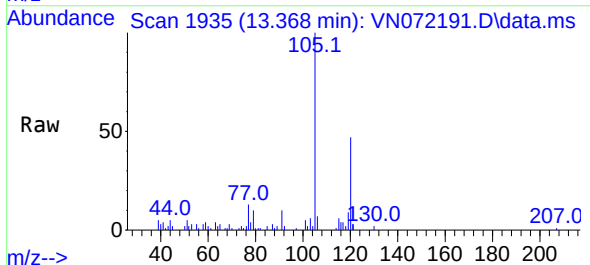
Instrument :  
MSVOA\_N  
ClientSampleId :  
33660

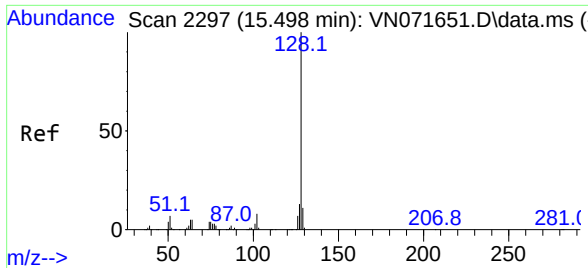
Tgt Ion:152 Resp: 345663  
Ion Ratio Lower Upper  
152 100  
115 55.9 28.9 86.7  
150 155.5 0.0 356.2



#84  
1,2,4-Trimethylbenzene  
Concen: 1.199 ug/l  
RT: 13.368 min Scan# 1935  
Delta R.T. 0.005 min  
Lab File: VN072191.D  
Acq: 25 Apr 2022 19:53

Tgt Ion:105 Resp: 26999  
Ion Ratio Lower Upper  
105 100  
120 45.2 23.3 69.8





#95  
Naphthalene  
Concen: 21.442 ug/l  
RT: 15.504 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VN072191.D  
Acq: 25 Apr 2022 19:53

Instrument :  
MSVOA\_N  
ClientSampleId :  
33660

Tgt Ion:128 Resp: 300511  
Ion Ratio Lower Upper  
128 100  
127 13.4 10.3 15.5  
129 10.8 8.6 13.0

