

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN032123\  
 Data File : VN077092.D  
 Acq On : 21 Mar 2023 15:53  
 Operator : JC\MD  
 Sample : 01975-05  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 CHAMBER-C-72-WEST

Quant Time: Mar 21 23:18:42 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031723W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Mar 20 08:50:30 2023  
 Response via : Initial Calibration

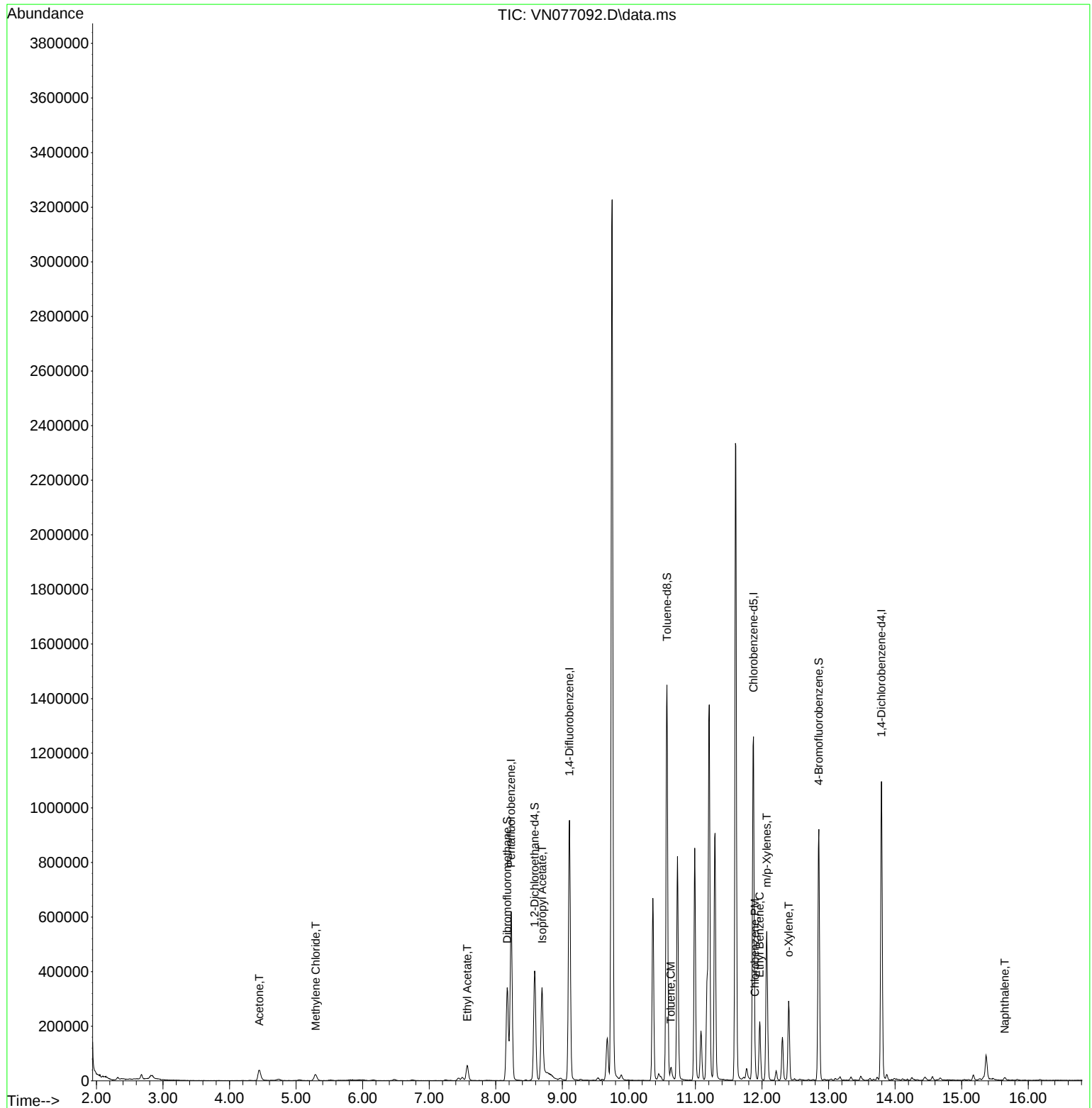
| Compound                    | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|-----------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                       |                |      |                     |        |        |          |
| Internal Standards          |                |      |                     |        |        |          |
| 1) Pentafluorobenzene       | 8.231          | 168  | 412292              | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.107          | 114  | 781278              | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.872         | 117  | 703984              | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.795         | 152  | 274313              | 50.000 | ug/l   | 0.00     |
|                             |                |      |                     |        |        |          |
| System Monitoring Compounds |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.584          | 65   | 332591              | 50.503 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = 101.000% |        |        |          |
| 35) Dibromofluoromethane    | 8.172          | 113  | 249852              | 45.665 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 91.340%  |        |        |          |
| 50) Toluene-d8              | 10.572         | 98   | 975215              | 49.897 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = 99.800%  |        |        |          |
| 62) 4-Bromofluorobenzene    | 12.854         | 95   | 325948              | 47.196 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = 94.400%  |        |        |          |
|                             |                |      |                     |        |        |          |
| Target Compounds            |                |      |                     |        |        |          |
|                             |                |      |                     |        | Qvalue |          |
| 16) Acetone                 | 4.449          | 43   | 78307               | 26.686 | ug/l   | 94       |
| 20) Methylene Chloride      | 5.296          | 84   | 16742               | 2.629  | ug/l   | 95       |
| 37) Ethyl Acetate           | 7.572          | 43   | 84000               | 9.187  | ug/l   | 99       |
| 43) Isopropyl Acetate       | 8.695          | 43   | 408595              | 28.606 | ug/l # | 86       |
| 52) Toluene                 | 10.631         | 92   | 18200               | 1.176  | ug/l   | 94       |
| 65) Chlorobenzene           | 11.895         | 112  | 18064               | 1.115  | ug/l   | 90       |
| 67) Ethyl Benzene           | 11.966         | 91   | 133671              | 4.543  | ug/l   | 97       |
| 68) m/p-Xylenes             | 12.072         | 106  | 160901              | 14.746 | ug/l   | 99       |
| 69) o-Xylene                | 12.401         | 106  | 75802               | 6.992  | ug/l   | 97       |
| 95) Naphthalene             | 15.648         | 128  | 7667                | 2.317  | ug/l   | 95       |
| -----                       |                |      |                     |        |        |          |

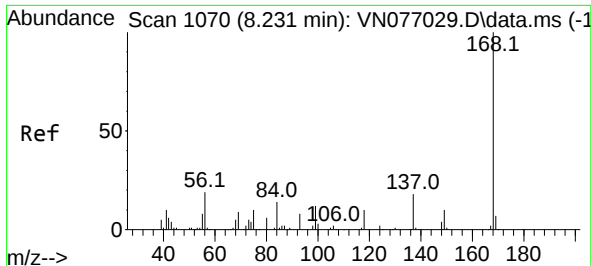
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN032123\  
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Operator : JC\MD  
Sample : 01975-05  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
CHAMBER-C-72-WEST

Quant Time: Mar 21 23:18:42 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031723W.M  
Quant Title : SW846 8260  
QLast Update : Mon Mar 20 08:50:30 2023  
Response via : Initial Calibration

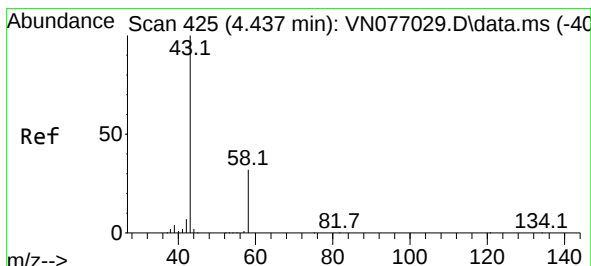
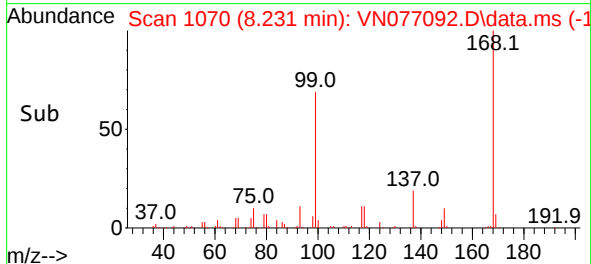
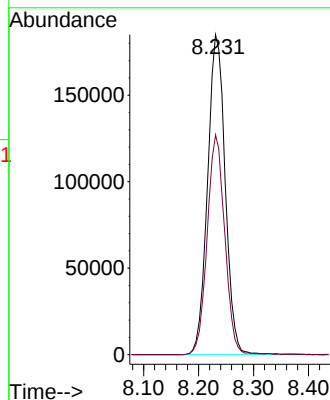
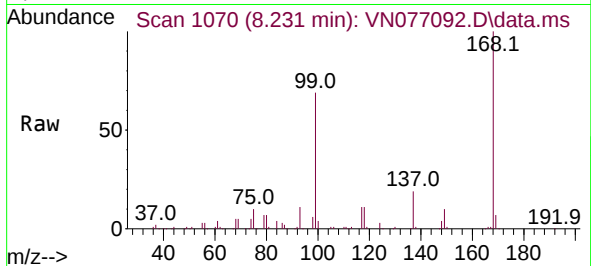




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.231 min Scan# 1070  
Delta R.T. -0.000 min  
Lab File: VN077092.D  
Acq: 21 Mar 2023 15:53

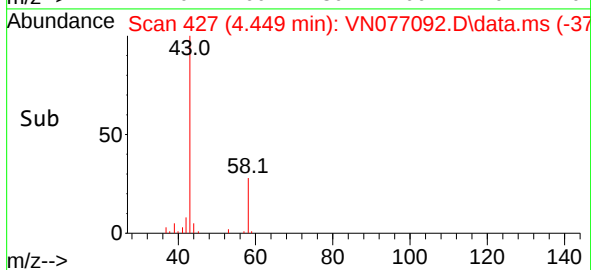
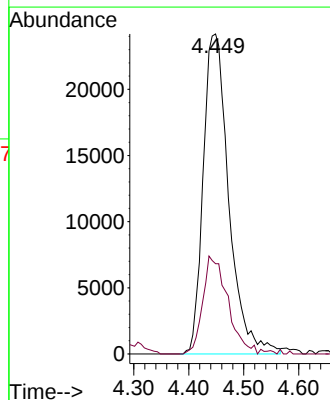
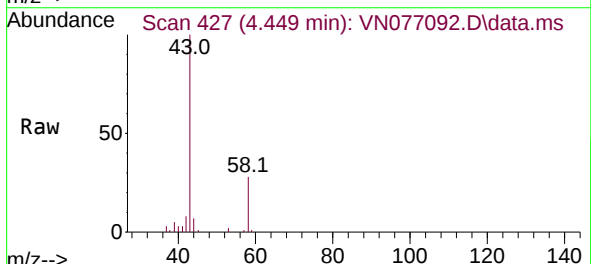
Instrument :  
MSVOA\_N  
ClientSampleId :  
CHAMBER-C-72-WEST

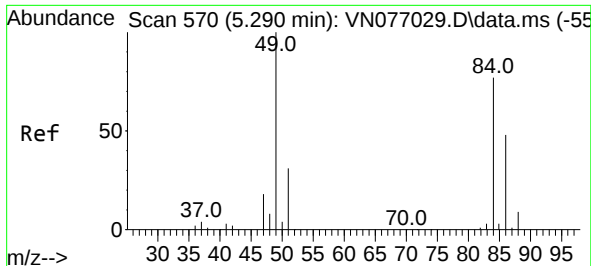
Tgt Ion:168 Resp: 412292  
Ion Ratio Lower Upper  
168 100  
99 68.7 53.9 80.9



#16  
Acetone  
Concen: 26.686 ug/l  
RT: 4.449 min Scan# 427  
Delta R.T. 0.012 min  
Lab File: VN077092.D  
Acq: 21 Mar 2023 15:53

Tgt Ion: 43 Resp: 78307  
Ion Ratio Lower Upper  
43 100  
58 28.2 25.4 38.0

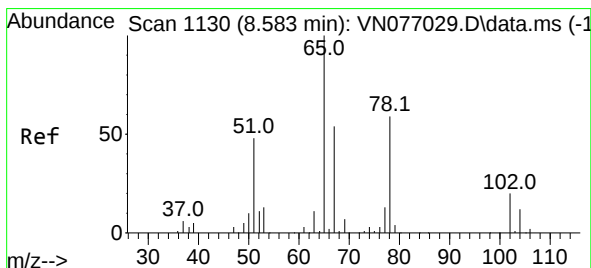
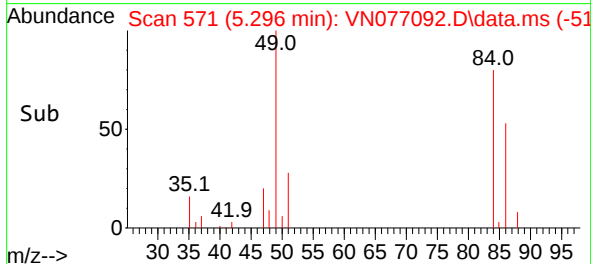
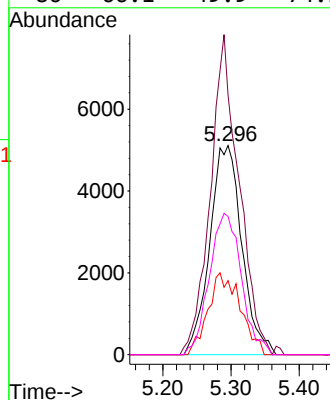
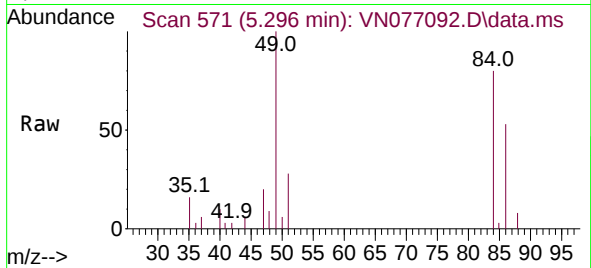




#20  
Methylene Chloride  
Concen: 2.629 ug/l  
RT: 5.296 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VN077092.D  
Acq: 21 Mar 2023 15:53

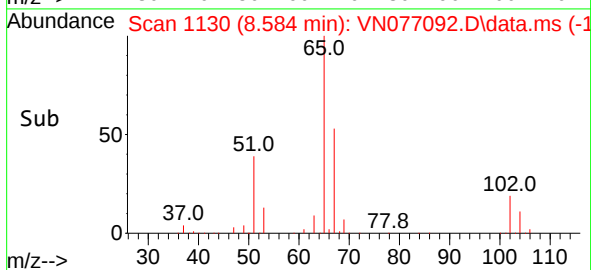
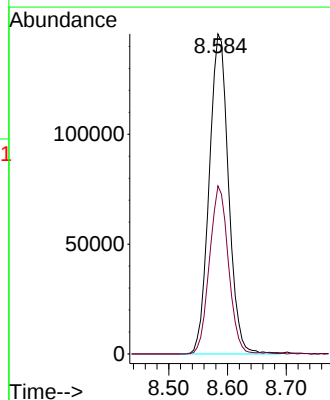
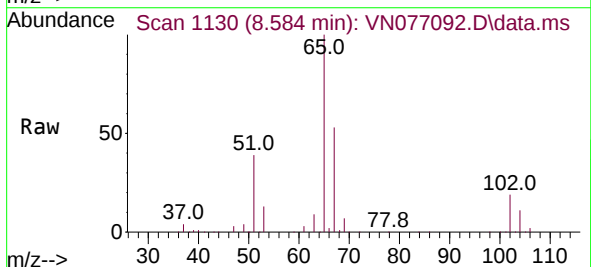
Instrument :  
MSVOA\_N  
ClientSampleId :  
CHAMBER-C-72-WEST

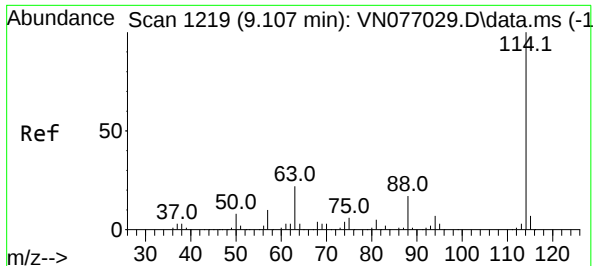
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 16742 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 124.3 | 103.8 | 155.6 |
| 51       | 35.4  | 32.3  | 48.5  |
| 86       | 66.1  | 49.9  | 74.9  |



#33  
1,2-Dichloroethane-d4  
Concen: 50.503 ug/l  
RT: 8.584 min Scan# 1130  
Delta R.T. 0.001 min  
Lab File: VN077092.D  
Acq: 21 Mar 2023 15:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 332591 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 51.7  | 0.0   | 105.2  |





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077092.D

Acq: 21 Mar 2023 15:53

Instrument :

MSVOA\_N

ClientSampleId :

CHAMBER-C-72-WEST

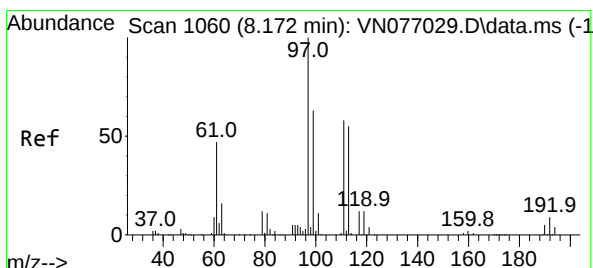
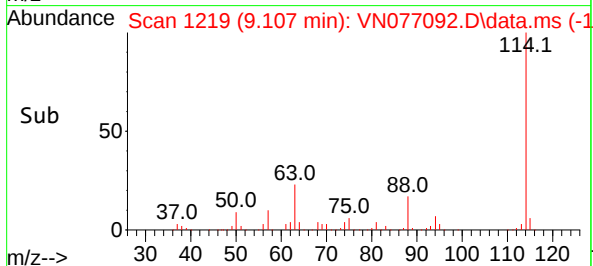
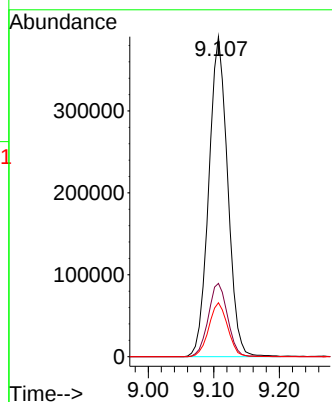
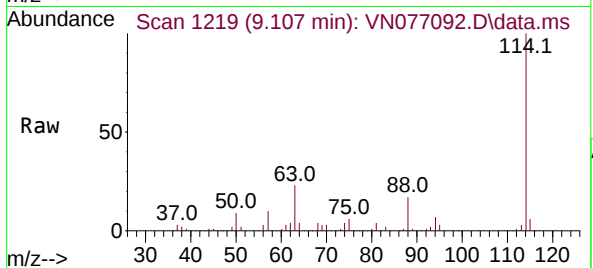
Tgt Ion:114 Resp: 781278

Ion Ratio Lower Upper

114 100

63 22.9 0.0 44.6

88 16.9 0.0 33.8



#35

Dibromofluoromethane

Concen: 45.665 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077092.D

Acq: 21 Mar 2023 15:53

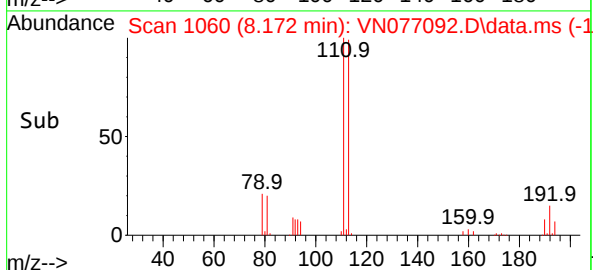
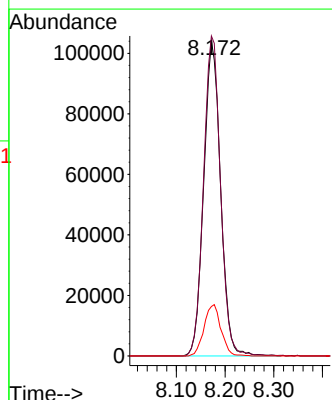
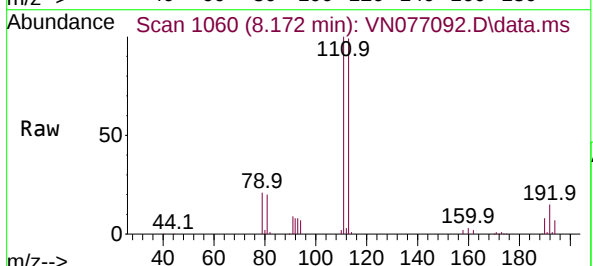
Tgt Ion:113 Resp: 249852

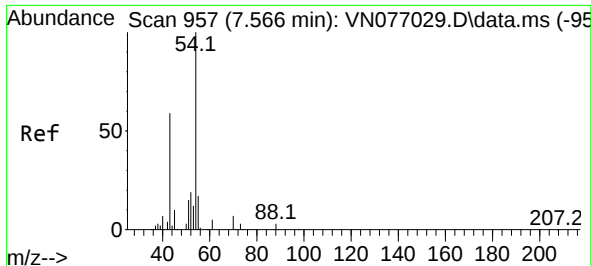
Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.2

192 16.4 13.0 19.6

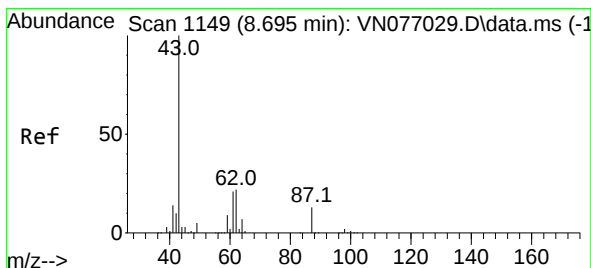
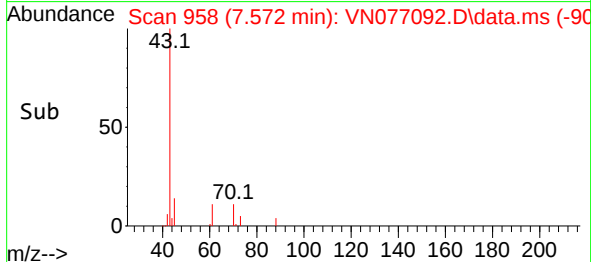
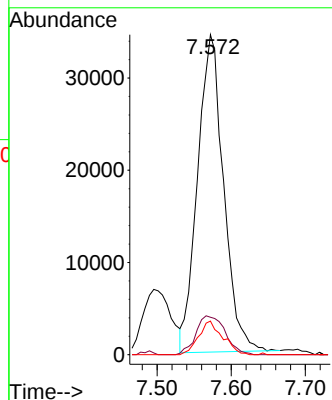
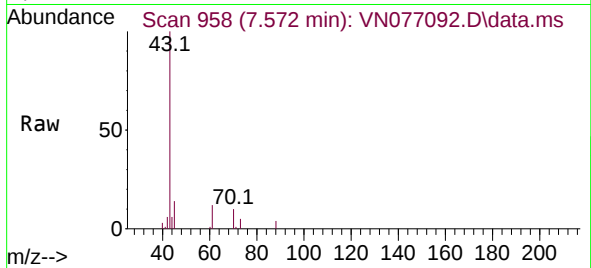




#37  
Ethyl Acetate  
Concen: 9.187 ug/l  
RT: 7.572 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN077092.D  
Acq: 21 Mar 2023 15:53

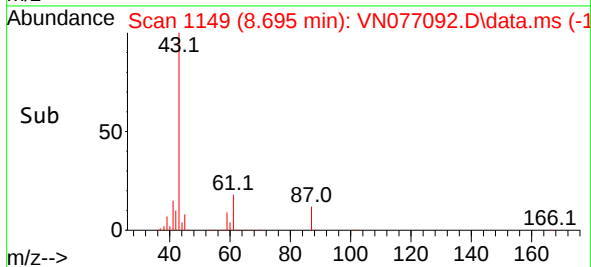
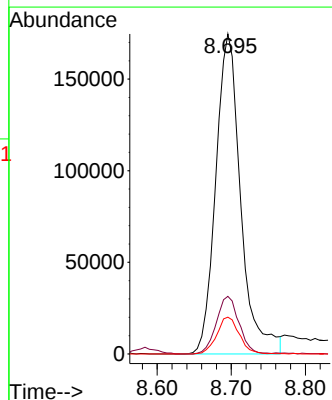
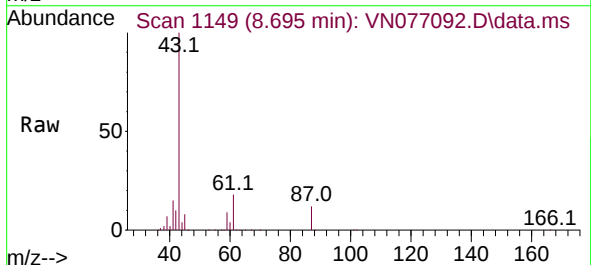
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ClientSampleId :  
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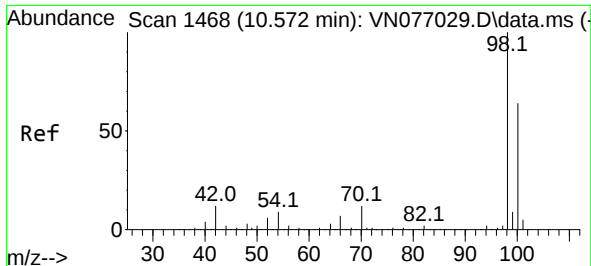
Tgt Ion: 43 Resp: 84000  
Ion Ratio Lower Upper  
43 100  
61 13.7 11.0 16.6  
70 9.8 8.4 12.6



#43  
Isopropyl Acetate  
Concen: 28.606 ug/l  
RT: 8.695 min Scan# 1149  
Delta R.T. 0.000 min  
Lab File: VN077092.D  
Acq: 21 Mar 2023 15:53

Tgt Ion: 43 Resp: 408595  
Ion Ratio Lower Upper  
43 100  
61 16.3 20.6 30.8#  
87 10.4 10.0 15.0

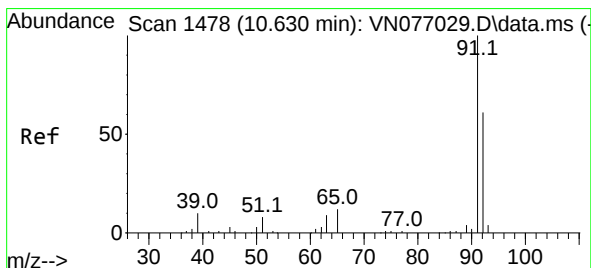
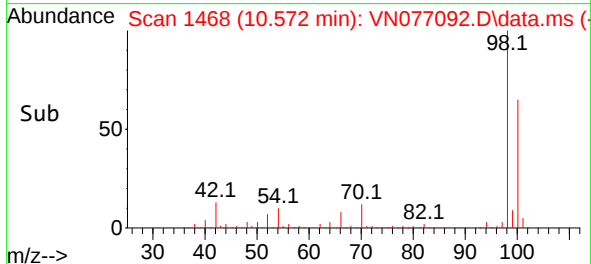
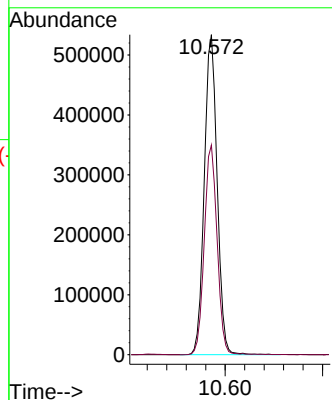
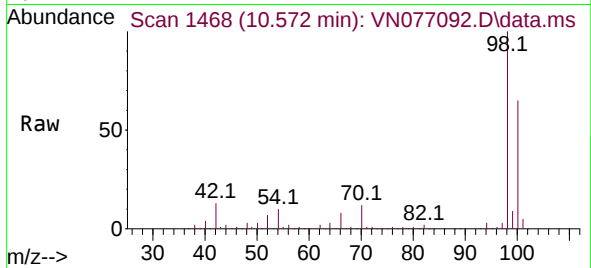




#50  
Toluene-d8  
Concen: 49.897 ug/l  
RT: 10.572 min Scan# 1468  
Delta R.T. 0.000 min  
Lab File: VN077092.D  
Acq: 21 Mar 2023 15:53

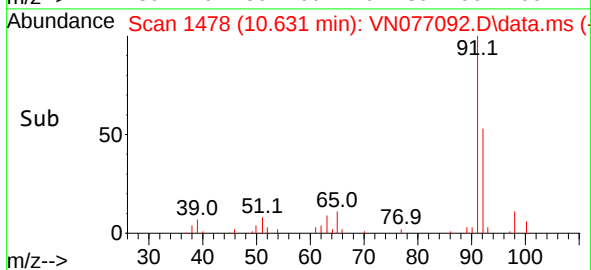
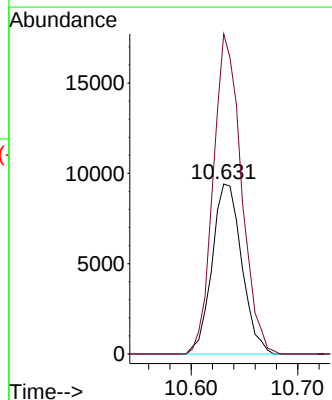
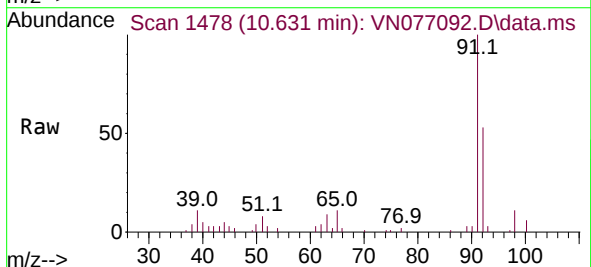
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MSVOA\_N  
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CHAMBER-C-72-WEST

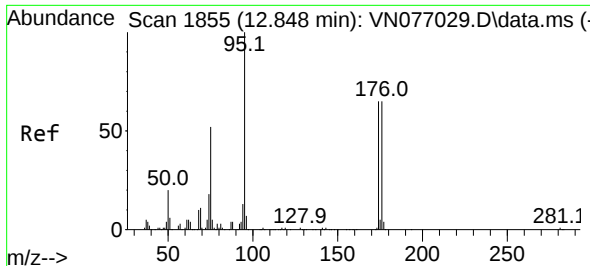
Tgt Ion: 98 Resp: 975215  
Ion Ratio Lower Upper  
98 100  
100 65.4 51.6 77.4



#52  
Toluene  
Concen: 1.176 ug/l  
RT: 10.631 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VN077092.D  
Acq: 21 Mar 2023 15:53

Tgt Ion: 92 Resp: 18200  
Ion Ratio Lower Upper  
92 100  
91 178.5 135.8 203.8

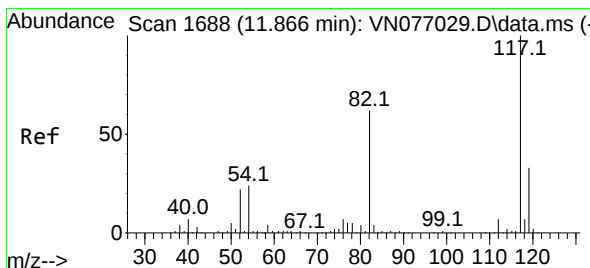
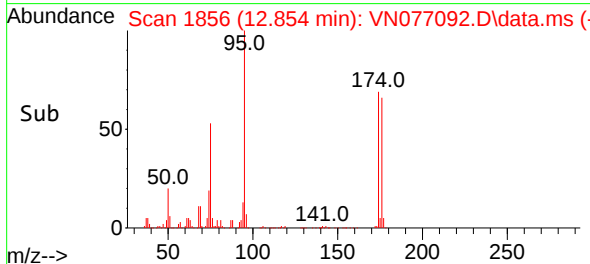
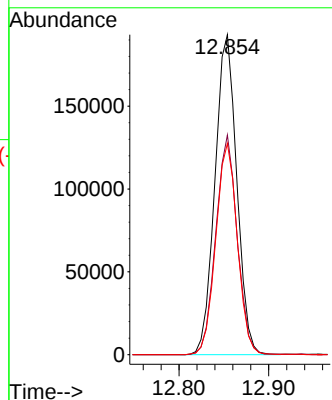
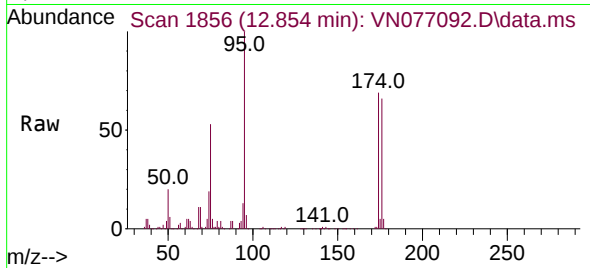




#62  
4-Bromofluorobenzene  
Concen: 47.196 ug/l  
RT: 12.854 min Scan# 1856  
Delta R.T. 0.006 min  
Lab File: VN077092.D  
Acq: 21 Mar 2023 15:53

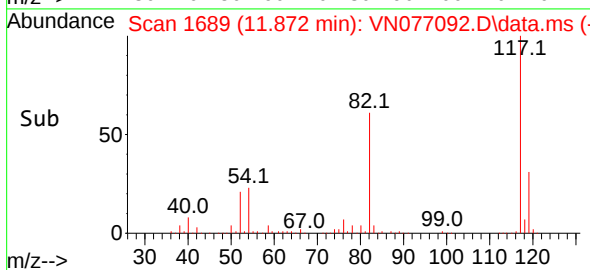
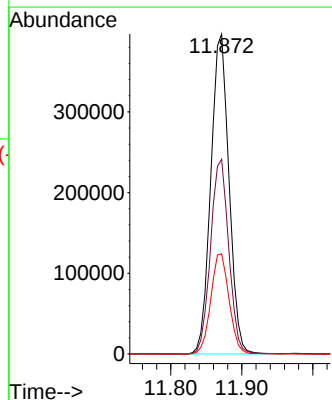
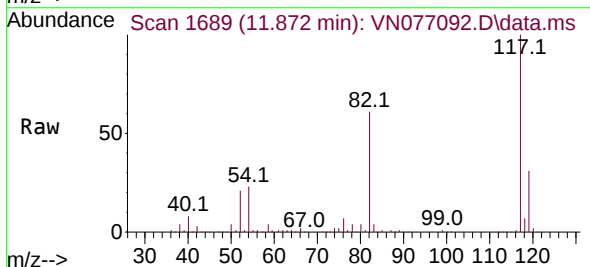
Instrument :  
MSVOA\_N  
ClientSampleId :  
CHAMBER-C-72-WEST

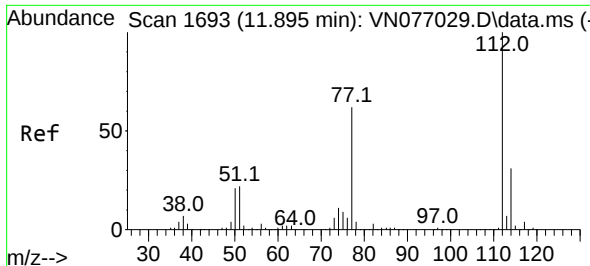
Tgt Ion: 95 Resp: 325948  
Ion Ratio Lower Upper  
95 100  
174 67.2 0.0 136.6  
176 65.2 0.0 130.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.872 min Scan# 1689  
Delta R.T. 0.006 min  
Lab File: VN077092.D  
Acq: 21 Mar 2023 15:53

Tgt Ion: 117 Resp: 703984  
Ion Ratio Lower Upper  
117 100  
82 60.9 49.4 74.0  
119 31.3 26.5 39.7

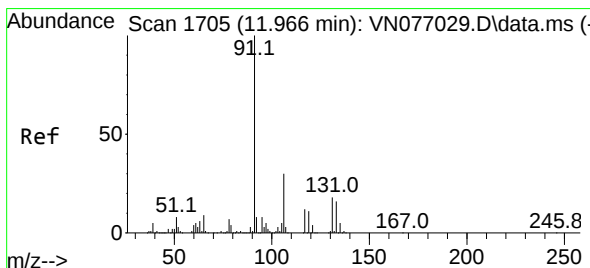
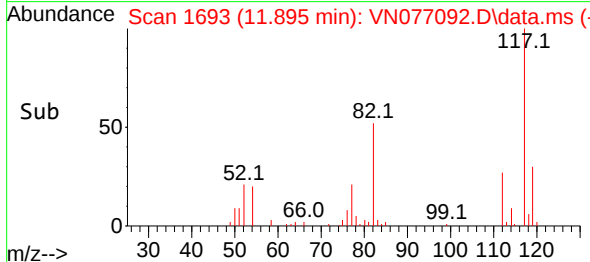
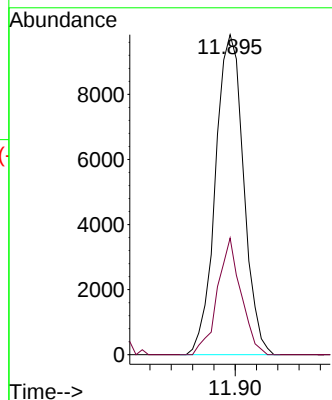
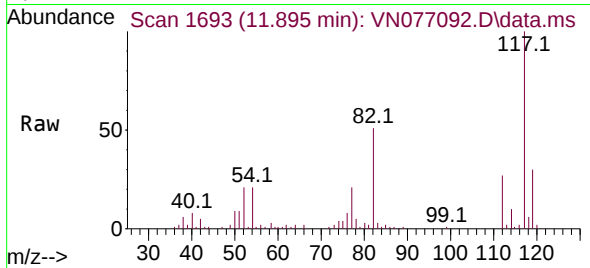




#65  
Chlorobenzene  
Concen: 1.115 ug/l  
RT: 11.895 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN077092.D  
Acq: 21 Mar 2023 15:53

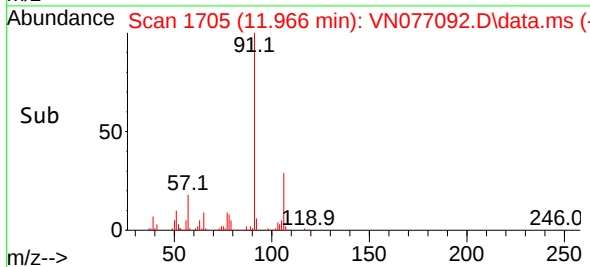
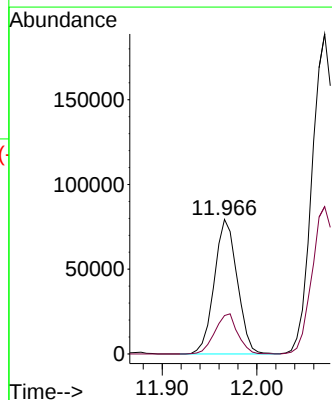
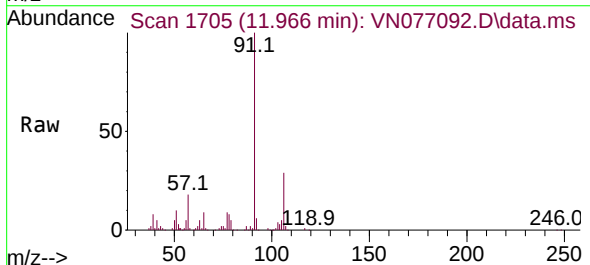
Instrument :  
MSVOA\_N  
ClientSampleId :  
CHAMBER-C-72-WEST

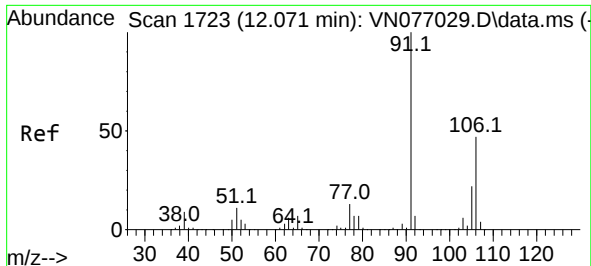
Tgt Ion:112 Resp: 18064  
Ion Ratio Lower Upper  
112 100  
114 36.4 24.8 37.2



#67  
Ethyl Benzene  
Concen: 4.543 ug/l  
RT: 11.966 min Scan# 1705  
Delta R.T. 0.000 min  
Lab File: VN077092.D  
Acq: 21 Mar 2023 15:53

Tgt Ion: 91 Resp: 133671  
Ion Ratio Lower Upper  
91 100  
106 28.5 24.3 36.5

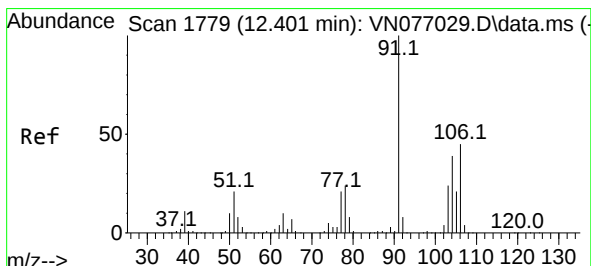
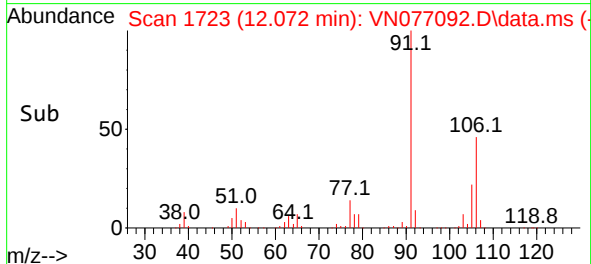
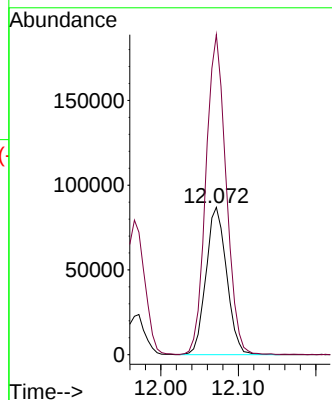
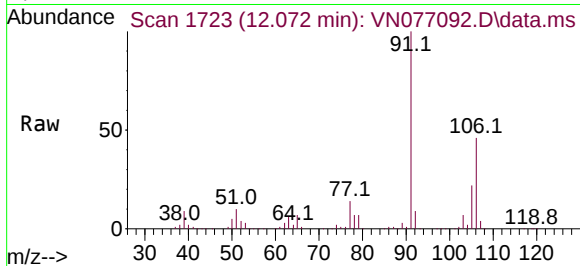




#68  
m/p-Xylenes  
Concen: 14.746 ug/l  
RT: 12.072 min Scan# 1723  
Delta R.T. 0.000 min  
Lab File: VN077092.D  
Acq: 21 Mar 2023 15:53

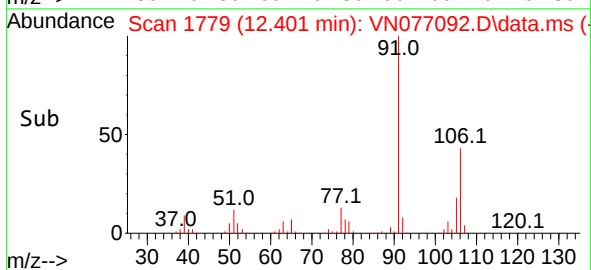
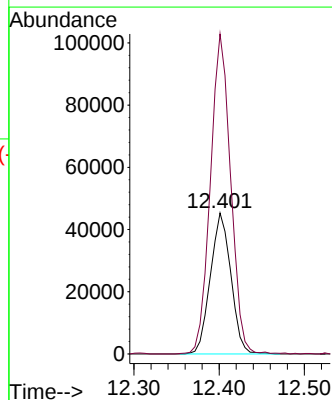
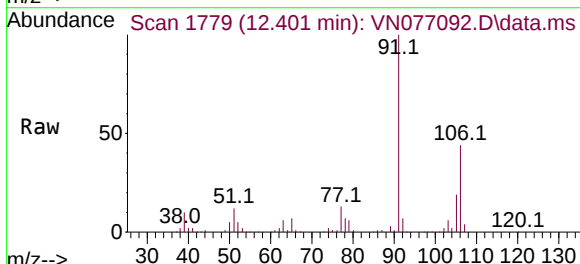
Instrument :  
MSVOA\_N  
ClientSampleId :  
CHAMBER-C-72-WEST

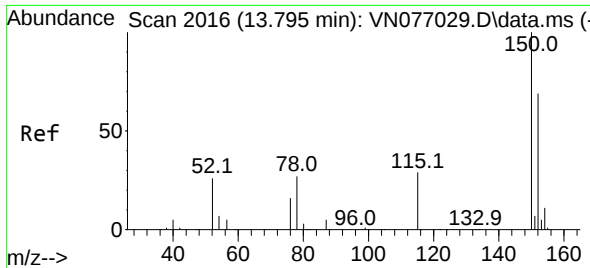
Tgt Ion:106 Resp: 160901  
Ion Ratio Lower Upper  
106 100  
91 212.0 168.0 252.0



#69  
o-Xylene  
Concen: 6.992 ug/l  
RT: 12.401 min Scan# 1779  
Delta R.T. 0.000 min  
Lab File: VN077092.D  
Acq: 21 Mar 2023 15:53

Tgt Ion:106 Resp: 75802  
Ion Ratio Lower Upper  
106 100  
91 224.8 110.3 330.9

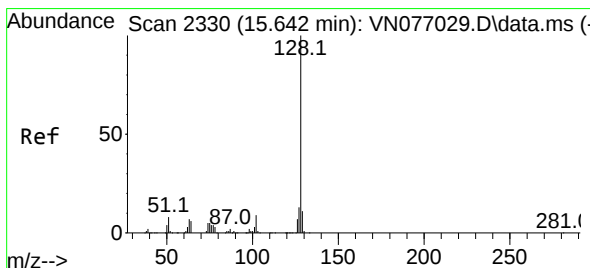
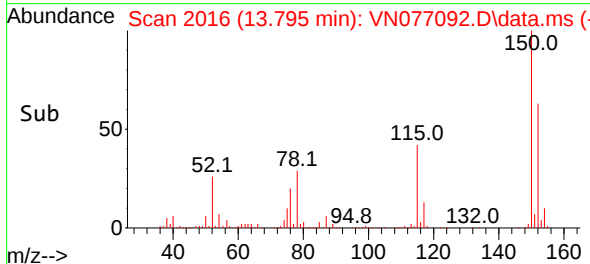
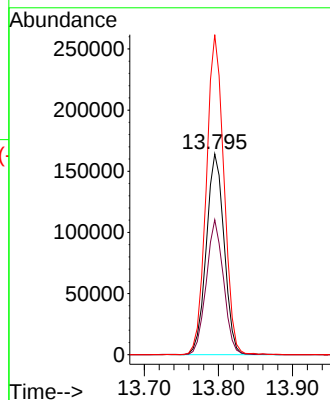
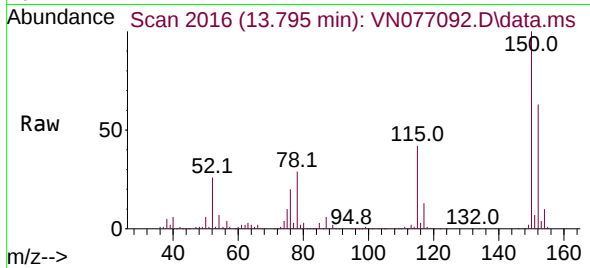




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.795 min Scan# 2016  
Delta R.T. 0.000 min  
Lab File: VN077092.D  
Acq: 21 Mar 2023 15:53

Instrument :  
MSVOA\_N  
ClientSampleId :  
CHAMBER-C-72-WEST

Tgt Ion:152 Resp: 274313  
Ion Ratio Lower Upper  
152 100  
115 64.8 31.9 95.7  
150 157.3 0.0 348.0



#95  
Naphthalene  
Concen: 2.317 ug/l  
RT: 15.648 min Scan# 2331  
Delta R.T. 0.006 min  
Lab File: VN077092.D  
Acq: 21 Mar 2023 15:53

Tgt Ion:128 Resp: 7667  
Ion Ratio Lower Upper  
128 100  
127 14.8 10.0 15.0  
129 12.7 8.6 13.0

