

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120523\  
 Data File : VN080371.D  
 Acq On : 05 Dec 2023 17:21  
 Operator : JC\MD  
 Sample : 05632-01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RW1

Quant Time: Dec 06 00:54:18 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N111623W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 17 01:19:32 2023  
 Response via : Initial Calibration

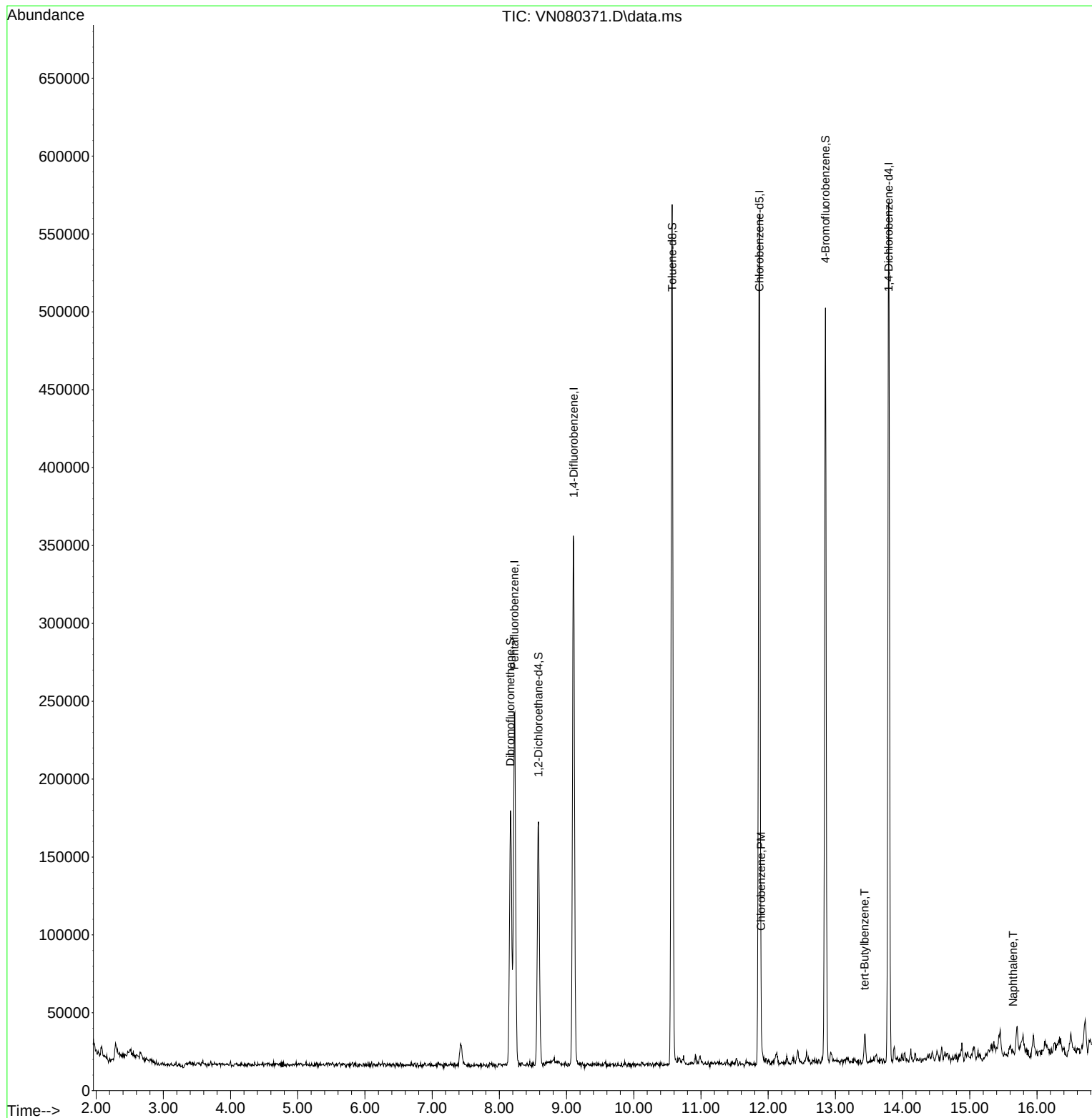
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 8.224     | 168   | 157157   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106     | 114   | 291605   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.870    | 117   | 315074   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794    | 152   | 149249   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.582     | 65    | 142320   | 54.846   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 74 - 125 | Recovery | = 109.700% |          |
| 35) Dibromofluoromethane    | 8.165     | 113   | 112337   | 52.209   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | = 104.420% |          |
| 50) Toluene-d8              | 10.570    | 98    | 387529   | 49.963   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 86 - 113 | Recovery | = 99.920%  |          |
| 62) 4-Bromofluorobenzene    | 12.853    | 95    | 162166   | 55.353   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | = 110.700% |          |
| Target Compounds            |           |       |          |          |            | Qvalue   |
| 65) Chlorobenzene           | 11.894    | 112   | 3895     | 0.546    | ug/l       | 99       |
| 83) tert-Butylbenzene       | 13.435    | 119   | 8521     | 1.052    | ug/l       | 95       |
| 95) Naphthalene             | 15.647    | 128   | 4583     | 0.539    | ug/l       | 98       |
| -----                       |           |       |          |          |            |          |

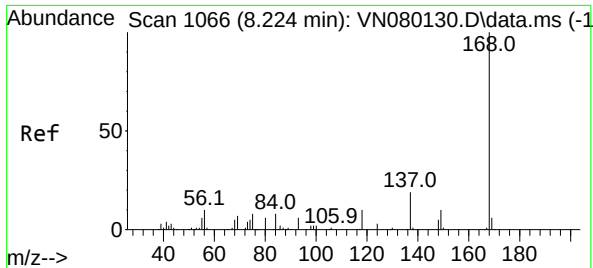
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120523\  
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Sample : 05632-01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
RW1

Quant Time: Dec 06 00:54:18 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N111623W.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 17 01:19:32 2023  
Response via : Initial Calibration

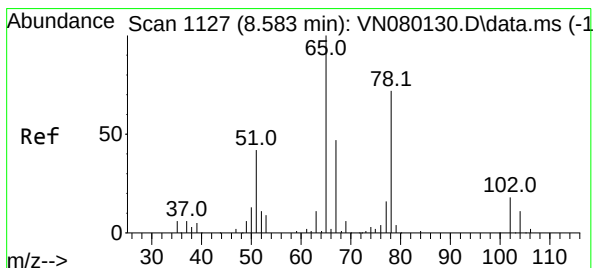
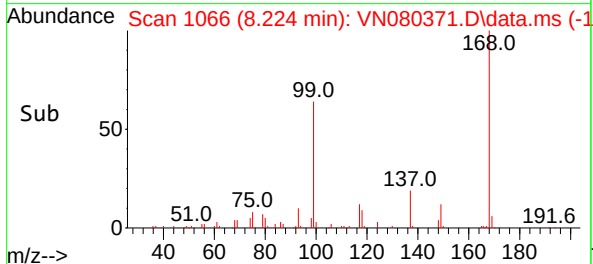
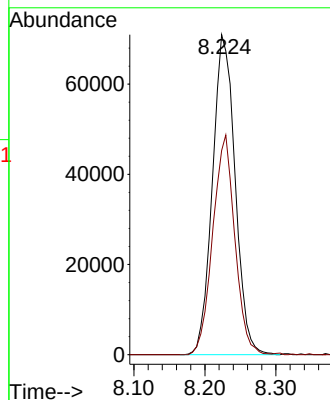
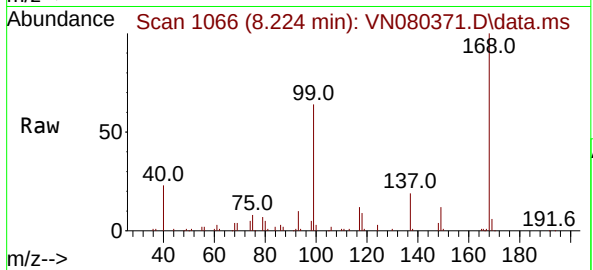




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN080371.D  
Acq: 05 Dec 2023 17:21

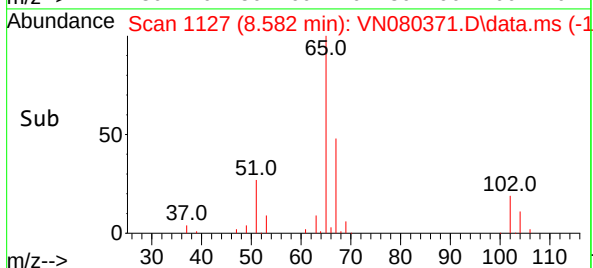
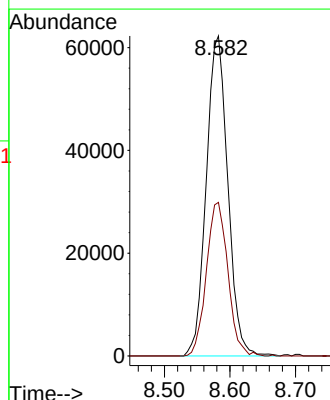
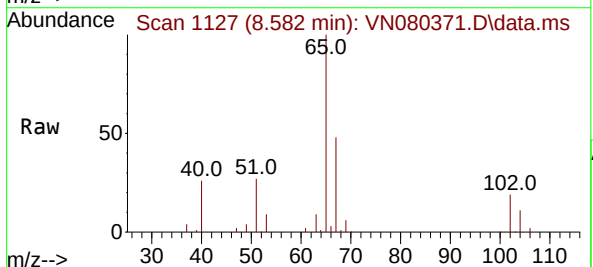
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW1

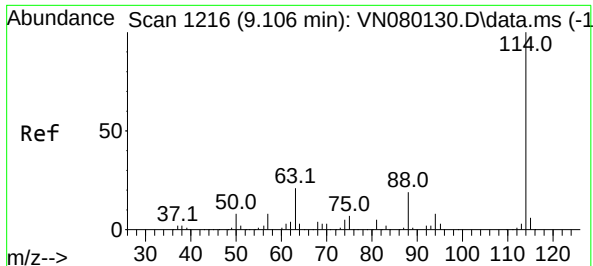
Tgt Ion:168 Resp: 157157  
Ion Ratio Lower Upper  
168 100  
99 63.8 53.0 79.6



#33  
1,2-Dichloroethane-d4  
Concen: 54.846 ug/l  
RT: 8.582 min Scan# 1127  
Delta R.T. -0.000 min  
Lab File: VN080371.D  
Acq: 05 Dec 2023 17:21

Tgt Ion: 65 Resp: 142320  
Ion Ratio Lower Upper  
65 100  
67 47.9 0.0 106.6

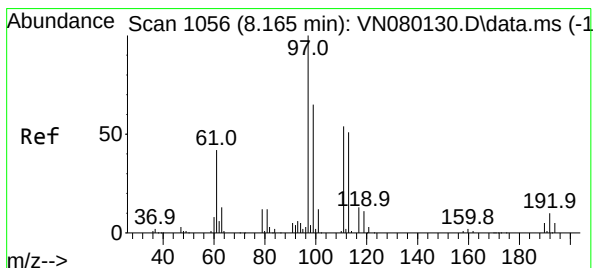
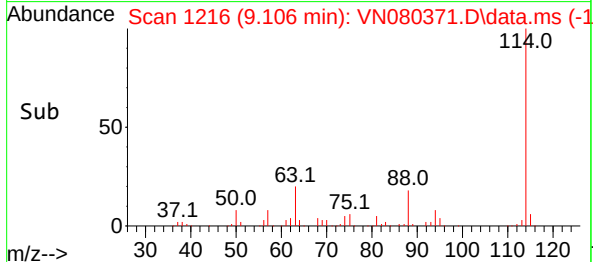
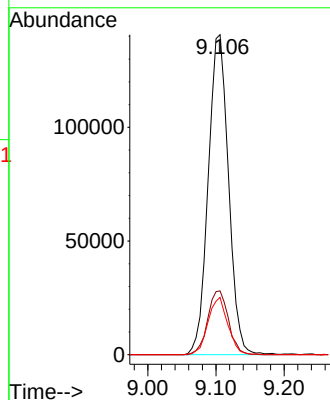
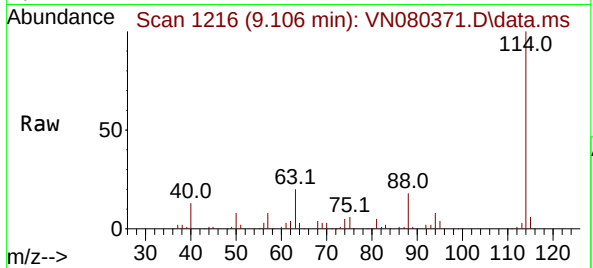




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.106 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN080371.D  
Acq: 05 Dec 2023 17:21

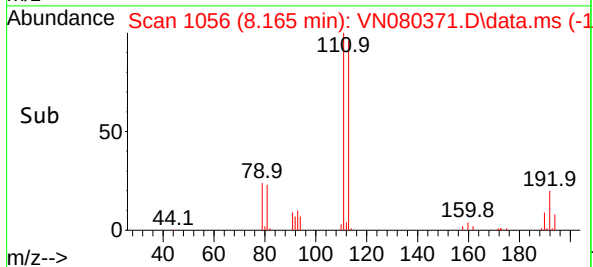
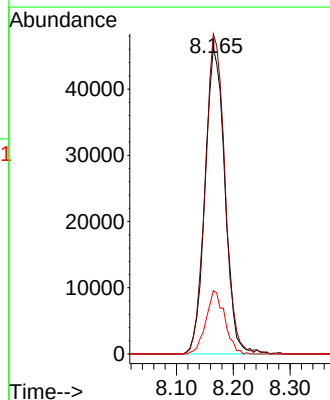
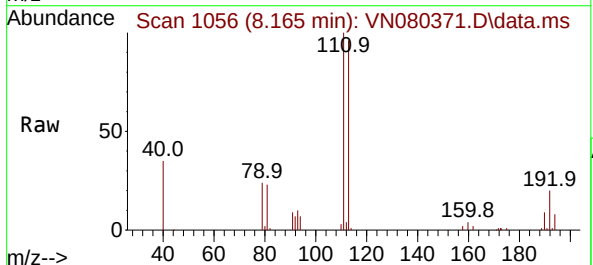
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW1

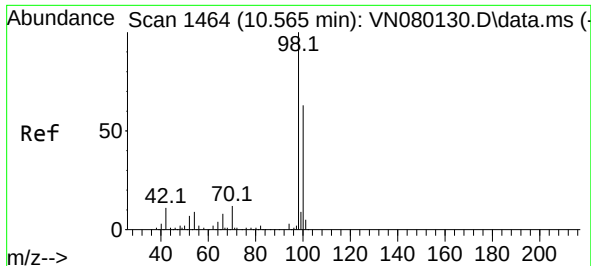
Tgt Ion:114 Resp: 291605  
Ion Ratio Lower Upper  
114 100  
63 20.0 0.0 36.4  
88 17.9 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 52.209 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN080371.D  
Acq: 05 Dec 2023 17:21

Tgt Ion:113 Resp: 112337  
Ion Ratio Lower Upper  
113 100  
111 103.5 82.6 123.8  
192 19.5 12.7 19.1#

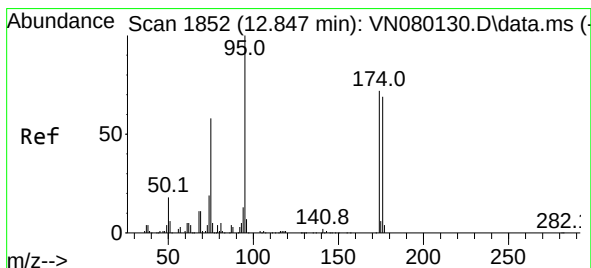
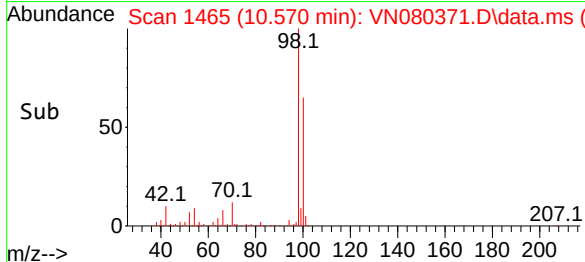
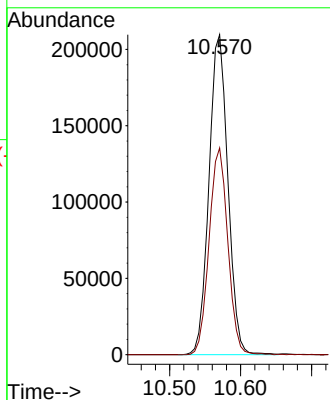
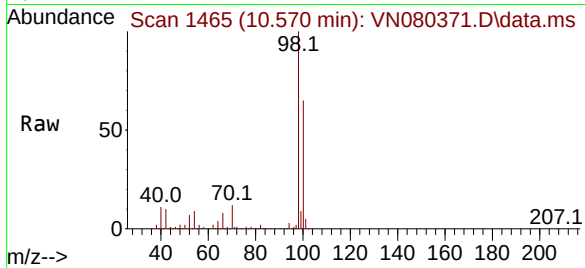




#50  
Toluene-d8  
Concen: 49.963 ug/l  
RT: 10.570 min Scan# 1465  
Delta R.T. 0.006 min  
Lab File: VN080371.D  
Acq: 05 Dec 2023 17:21

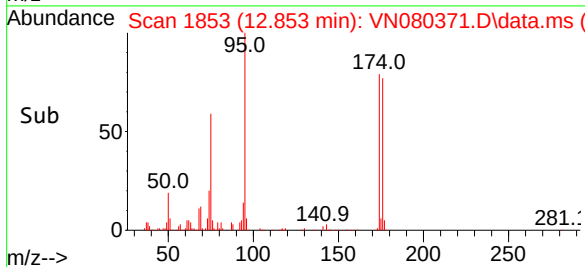
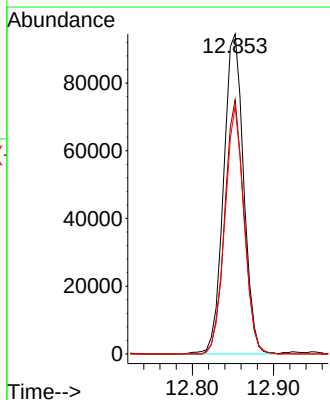
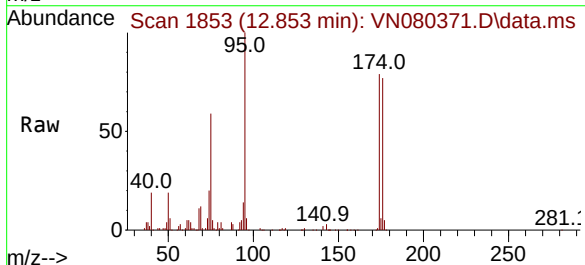
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW1

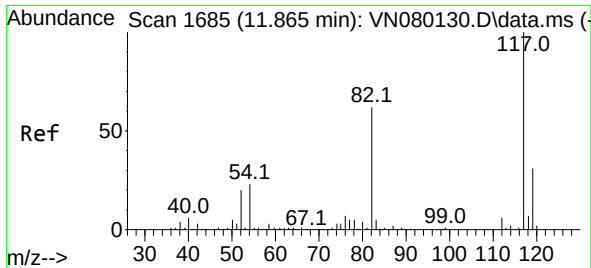
Tgt Ion: 98 Resp: 387529  
Ion Ratio Lower Upper  
98 100  
100 63.8 52.0 78.0



#62  
4-Bromofluorobenzene  
Concen: 55.353 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VN080371.D  
Acq: 05 Dec 2023 17:21

Tgt Ion: 95 Resp: 162166  
Ion Ratio Lower Upper  
95 100  
174 76.3 0.0 143.8  
176 74.2 0.0 135.8

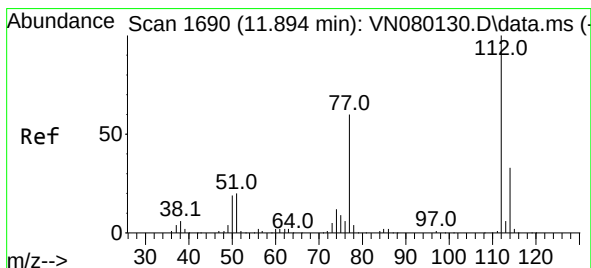
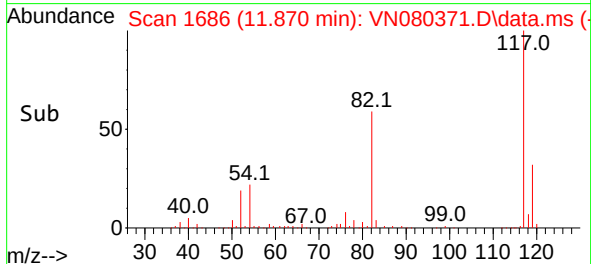
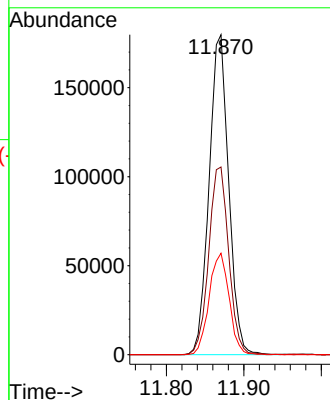
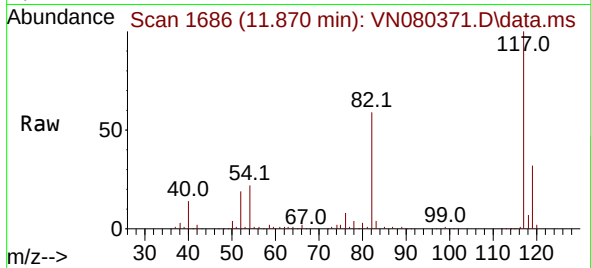




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.870 min Scan# 1686  
Delta R.T. 0.006 min  
Lab File: VN080371.D  
Acq: 05 Dec 2023 17:21

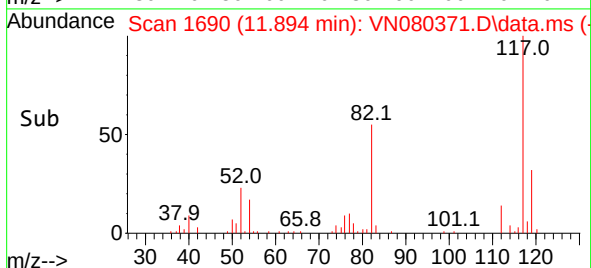
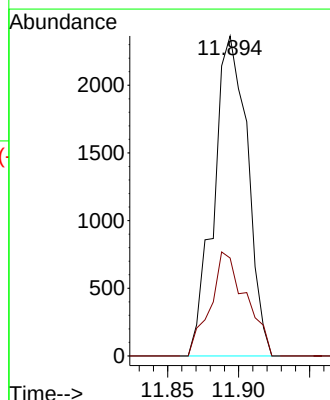
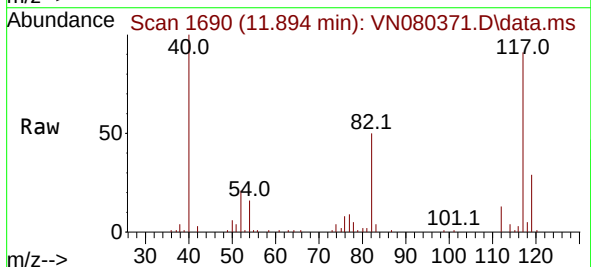
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW1

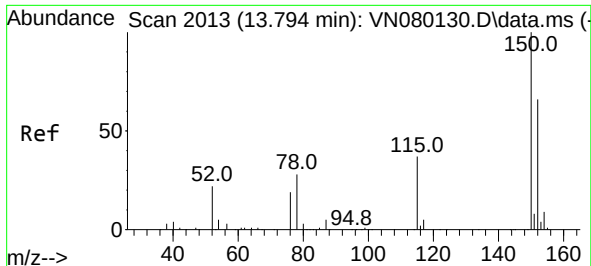
Tgt Ion:117 Resp: 315074  
Ion Ratio Lower Upper  
117 100  
82 58.7 44.0 66.0  
119 31.7 25.6 38.4



#65  
Chlorobenzene  
Concen: 0.546 ug/l  
RT: 11.894 min Scan# 1690  
Delta R.T. -0.000 min  
Lab File: VN080371.D  
Acq: 05 Dec 2023 17:21

Tgt Ion:112 Resp: 3895  
Ion Ratio Lower Upper  
112 100  
114 30.6 25.0 37.4

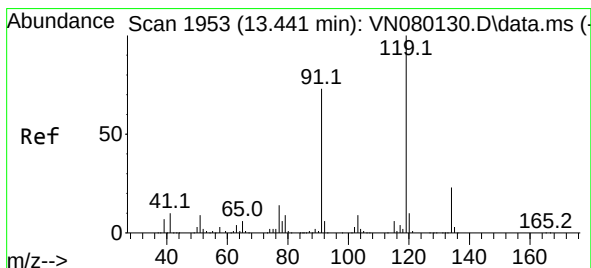
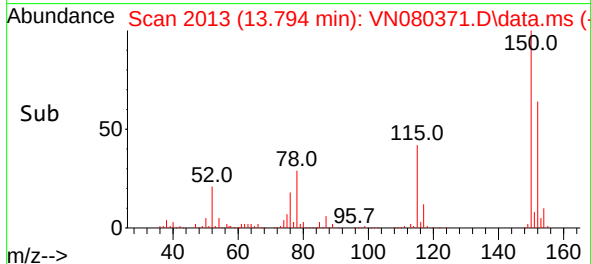
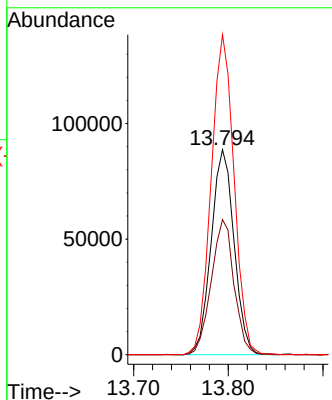
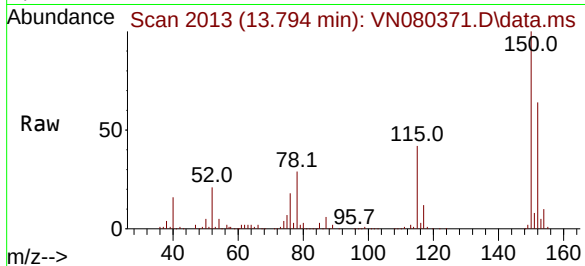




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.794 min Scan# 20  
 Delta R.T. -0.000 min  
 Lab File: VN080371.D  
 Acq: 05 Dec 2023 17:21

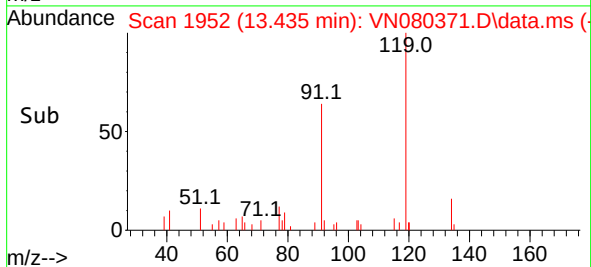
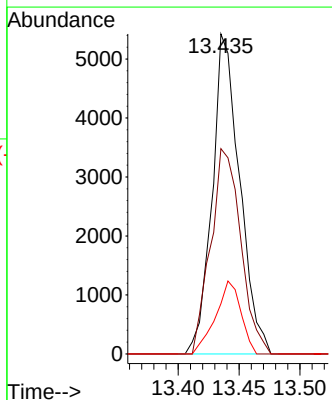
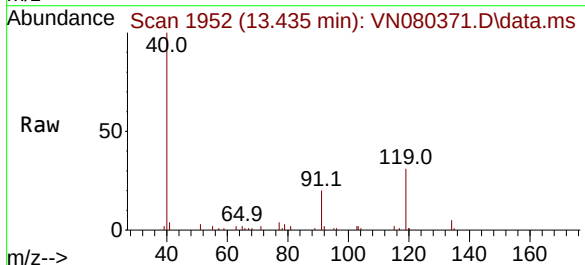
Instrument :  
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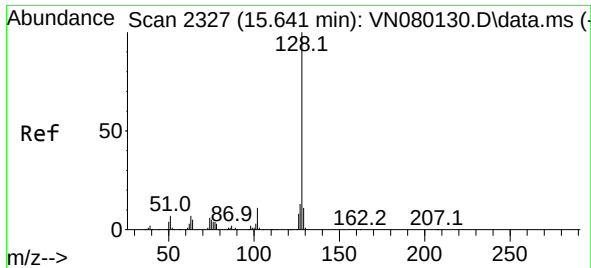
Tgt Ion:152 Resp: 149249  
 Ion Ratio Lower Upper  
 152 100  
 115 65.5 32.3 96.8  
 150 155.4 0.0 355.8



#83  
 tert-Butylbenzene  
 Concen: 1.052 ug/l  
 RT: 13.435 min Scan# 1952  
 Delta R.T. -0.006 min  
 Lab File: VN080371.D  
 Acq: 05 Dec 2023 17:21

Tgt Ion:119 Resp: 8521  
 Ion Ratio Lower Upper  
 119 100  
 91 70.1 33.9 101.7  
 134 21.0 13.2 39.6





#95

Naphthalene

Concen: 0.539 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN080371.D

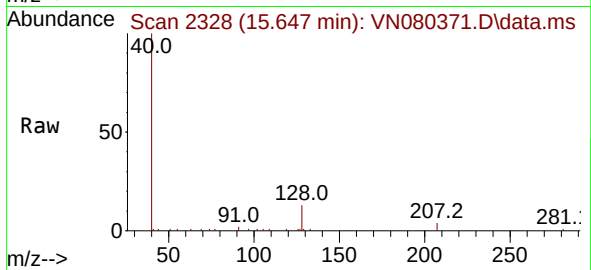
Acq: 05 Dec 2023 17:21

Instrument :

MSVOA\_N

ClientSampleId :

RW1



Tgt Ion:128 Resp: 4583

Ion Ratio Lower Upper

128 100

127 11.5 10.0 15.0

129 11.3 8.7 13.1

