

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN021323\  
 Data File : VN076648.D  
 Acq On : 13 Feb 2023 23:32  
 Operator : JC\MD  
 Sample : 01510-14  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 JPP-59-020823

Quant Time: Feb 14 05:35:22 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021323W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 14 01:44:47 2023  
 Response via : Initial Calibration

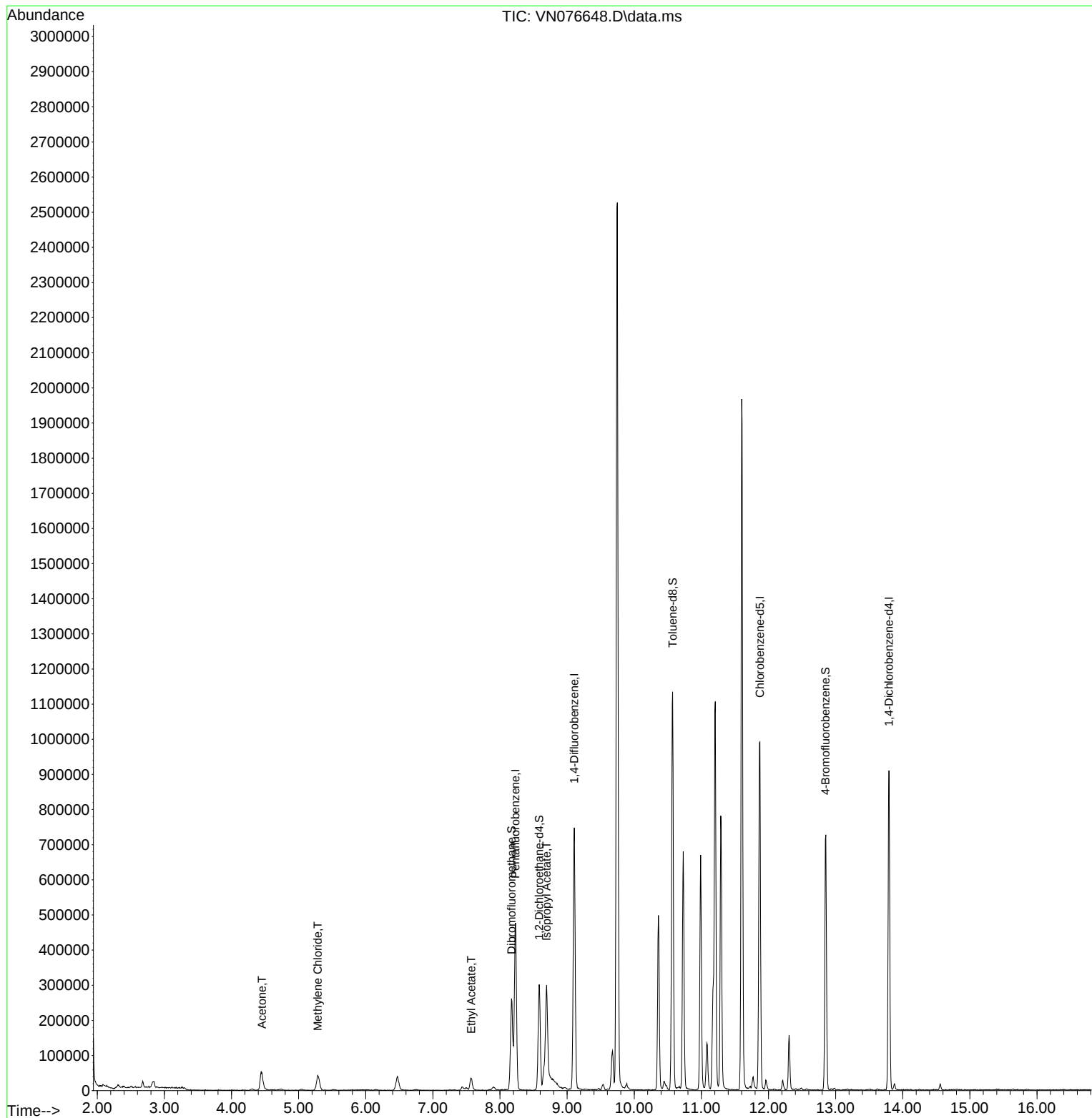
| Compound                    | R.T. QIon |                | Response | Conc   | Units    | Dev(Min) |
|-----------------------------|-----------|----------------|----------|--------|----------|----------|
| -----                       |           |                |          |        |          |          |
| Internal Standards          |           |                |          |        |          |          |
| 1) Pentafluorobenzene       | 8.231     | 168            | 340887   | 50.000 | ug/l     | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.107     | 114            | 626678   | 50.000 | ug/l     | 0.00     |
| 63) Chlorobenzene-d5        | 11.871    | 117            | 575479   | 50.000 | ug/l     | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.795    | 152            | 237793   | 50.000 | ug/l     | 0.00     |
| System Monitoring Compounds |           |                |          |        |          |          |
| 33) 1,2-Dichloroethane-d4   | 8.583     | 65             | 236228   | 50.185 | ug/l     | 0.00     |
| Spiked Amount               | 50.000    | Range 74 - 125 | Recovery | =      | 100.360% |          |
| 35) Dibromofluoromethane    | 8.172     | 113            | 186798   | 45.516 | ug/l     | 0.00     |
| Spiked Amount               | 50.000    | Range 75 - 124 | Recovery | =      | 91.040%  |          |
| 50) Toluene-d8              | 10.572    | 98             | 757907   | 49.450 | ug/l     | 0.00     |
| Spiked Amount               | 50.000    | Range 86 - 113 | Recovery | =      | 98.900%  |          |
| 62) 4-Bromofluorobenzene    | 12.848    | 95             | 236791   | 46.647 | ug/l     | 0.00     |
| Spiked Amount               | 50.000    | Range 83 - 123 | Recovery | =      | 93.300%  |          |
| Target Compounds            |           |                |          |        |          |          |
|                             |           |                |          |        | Qvalue   |          |
| 16) Acetone                 | 4.454     | 43             | 101890   | 48.458 | ug/l #   | 80       |
| 20) Methylene Chloride      | 5.284     | 84             | 30718    | 6.971  | ug/l #   | 90       |
| 37) Ethyl Acetate           | 7.572     | 43             | 54724    | 8.772  | ug/l     | 98       |
| 43) Isopropyl Acetate       | 8.695     | 43             | 390827   | 38.498 | ug/l #   | 81       |
| -----                       |           |                |          |        |          |          |

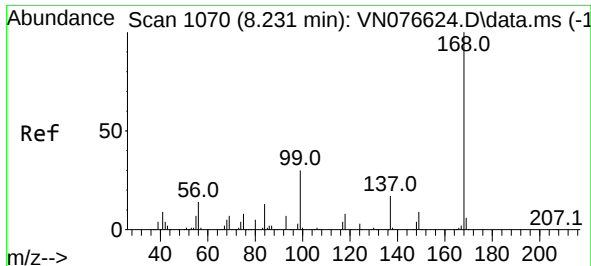
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
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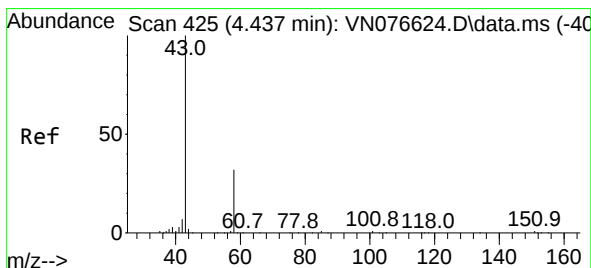
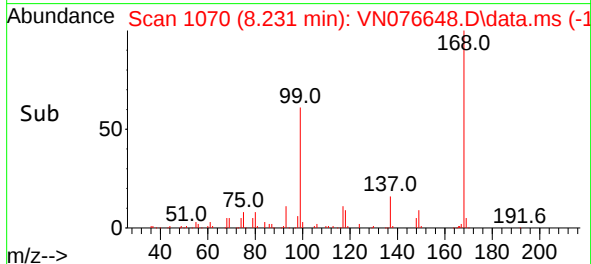
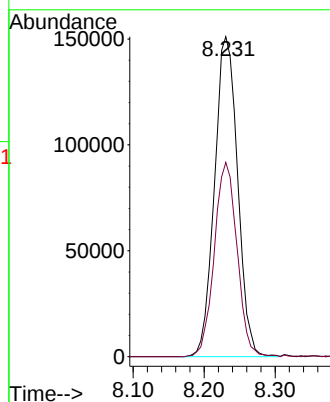
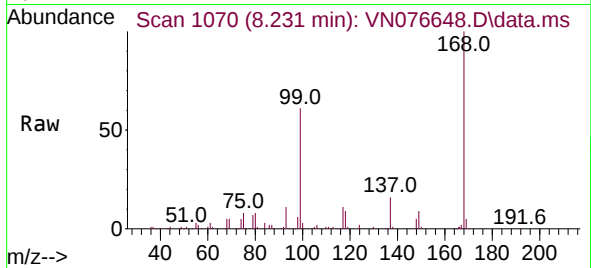




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.231 min Scan# 1070  
Delta R.T. -0.000 min  
Lab File: VN076648.D  
Acq: 13 Feb 2023 23:32

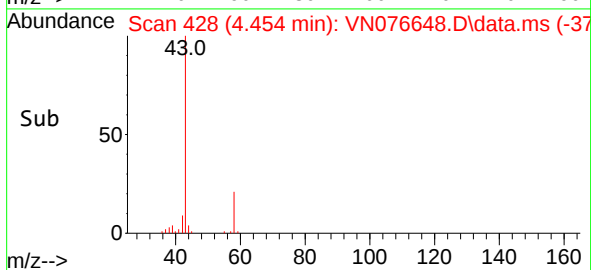
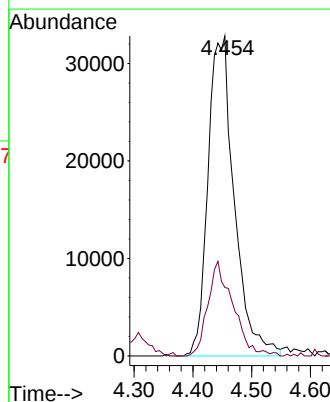
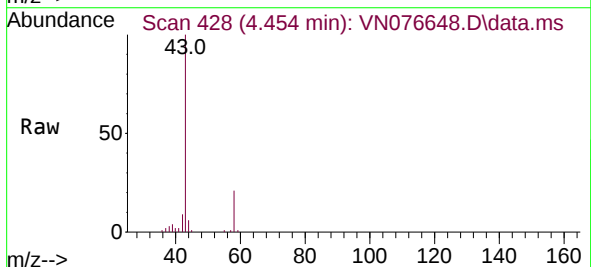
Instrument :  
MSVOA\_N  
ClientSampleId :  
JPP-59-020823

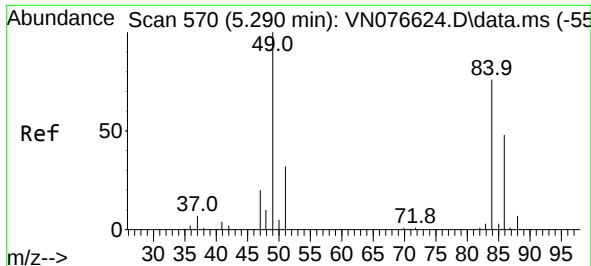
Tgt Ion:168 Resp: 340887  
Ion Ratio Lower Upper  
168 100  
99 60.7 44.8 67.2



#16  
Acetone  
Concen: 48.458 ug/l  
RT: 4.454 min Scan# 428  
Delta R.T. 0.017 min  
Lab File: VN076648.D  
Acq: 13 Feb 2023 23:32

Tgt Ion: 43 Resp: 101890  
Ion Ratio Lower Upper  
43 100  
58 21.4 25.9 38.9#

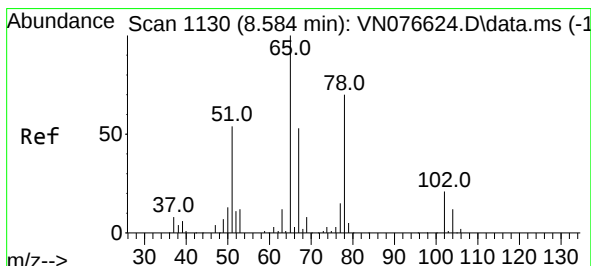
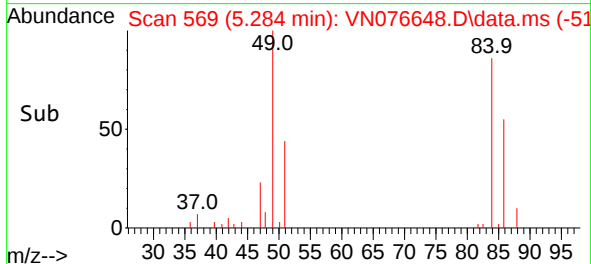
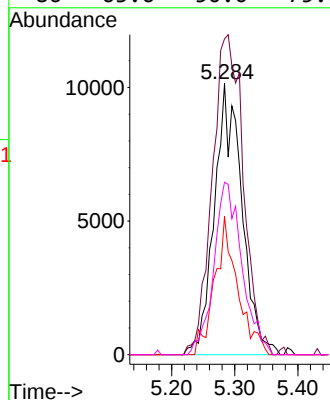
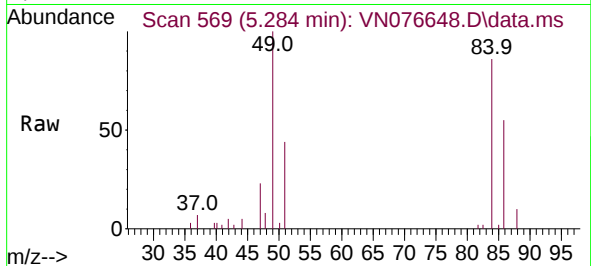




#20  
Methylene Chloride  
Concen: 6.971 ug/l  
RT: 5.284 min Scan# 511  
Delta R.T. -0.006 min  
Lab File: VN076648.D  
Acq: 13 Feb 2023 23:32

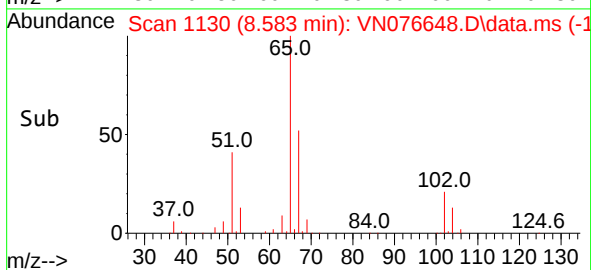
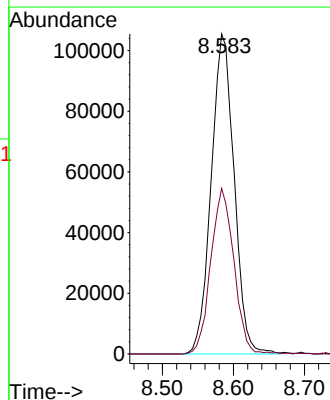
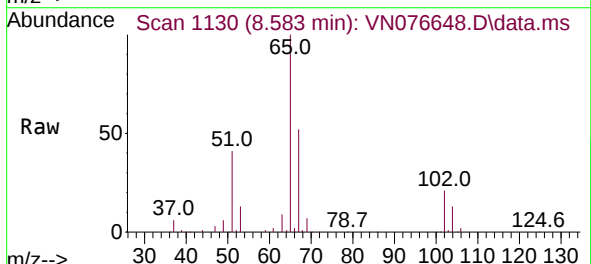
Instrument :  
MSVOA\_N  
ClientSampleId :  
JPP-59-020823

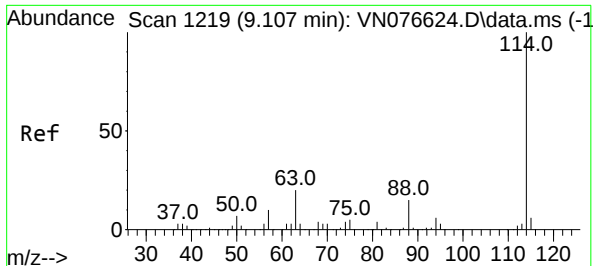
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 30718 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 116.4 | 104.9 | 157.3 |
| 51       | 50.9  | 33.8  | 50.8# |
| 86       | 63.6  | 50.0  | 75.0  |



#33  
1,2-Dichloroethane-d4  
Concen: 50.185 ug/l  
RT: 8.583 min Scan# 1130  
Delta R.T. -0.000 min  
Lab File: VN076648.D  
Acq: 13 Feb 2023 23:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 236228 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 52.1  | 0.0   | 105.6  |





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076648.D

Acq: 13 Feb 2023 23:32

Instrument :

MSVOA\_N

ClientSampleId :

JPP-59-020823

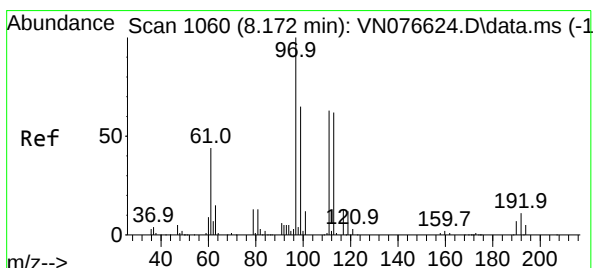
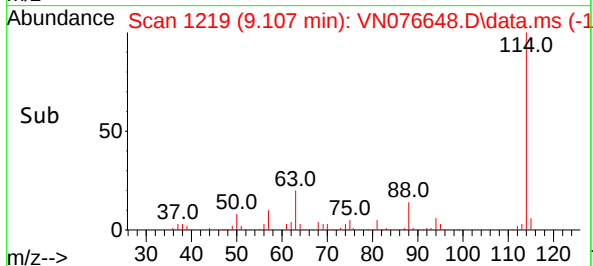
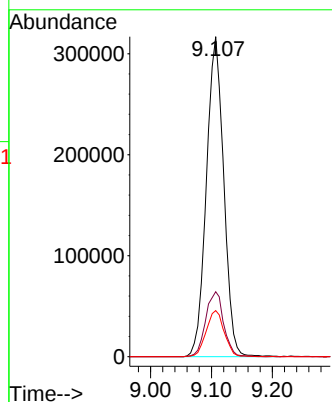
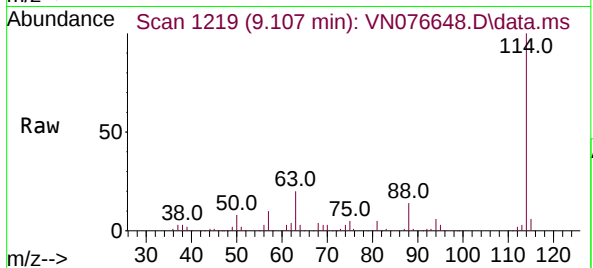
Tgt Ion:114 Resp: 626678

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

88 14.4 0.0 29.6



#35

Dibromofluoromethane

Concen: 45.516 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076648.D

Acq: 13 Feb 2023 23:32

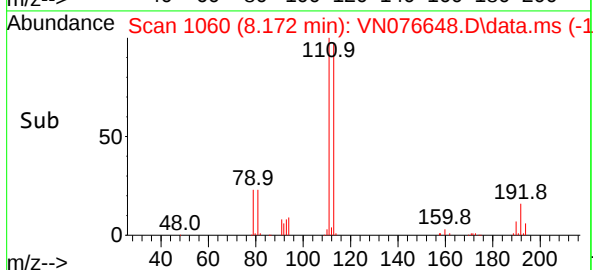
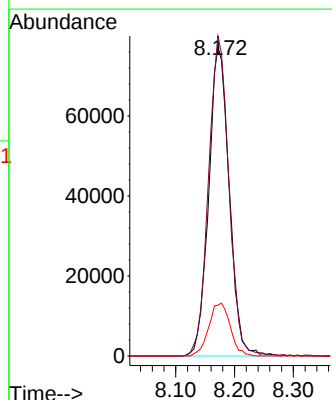
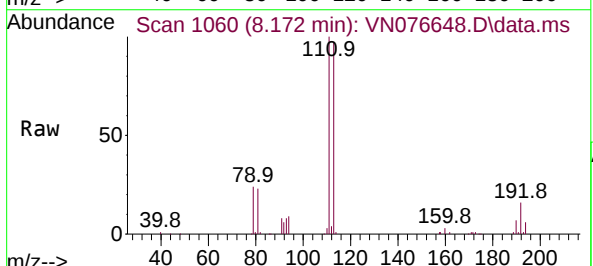
Tgt Ion:113 Resp: 186798

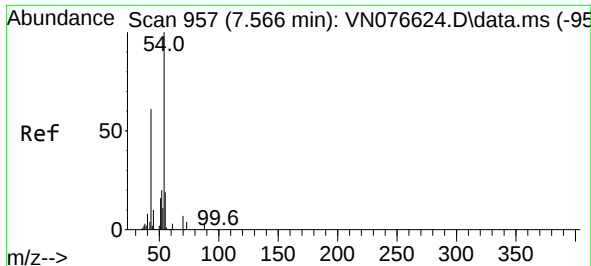
Ion Ratio Lower Upper

113 100

111 103.3 83.1 124.7

192 17.9 15.6 23.4





#37

Ethyl Acetate

Concen: 8.772 ug/l

RT: 7.572 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076648.D

Acq: 13 Feb 2023 23:32

Instrument :

MSVOA\_N

ClientSampleId :

JPP-59-020823

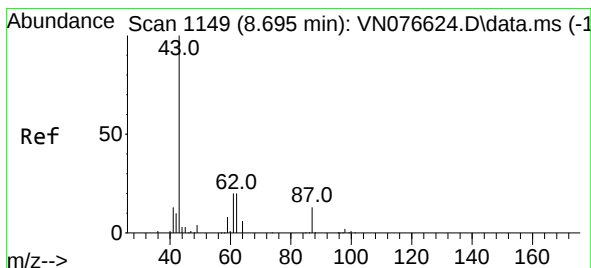
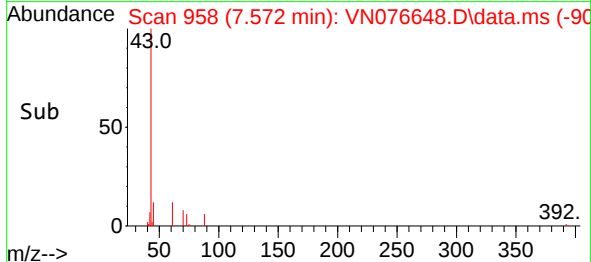
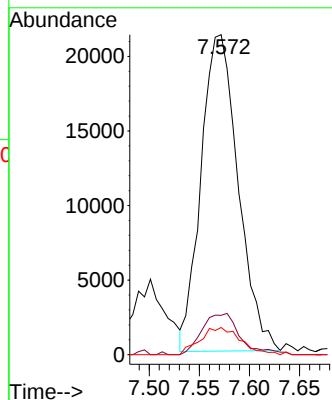
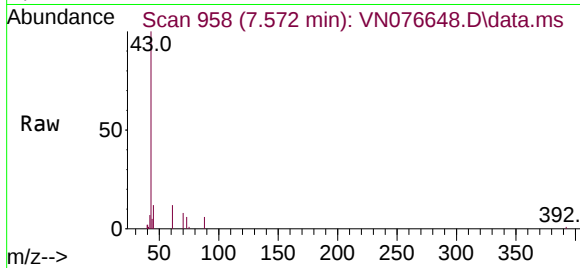
Tgt Ion: 43 Resp: 54724

Ion Ratio Lower Upper

43 100

61 13.3 9.9 14.9

70 9.3 7.8 11.6



#43

Isopropyl Acetate

Concen: 38.498 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. -0.000 min

Lab File: VN076648.D

Acq: 13 Feb 2023 23:32

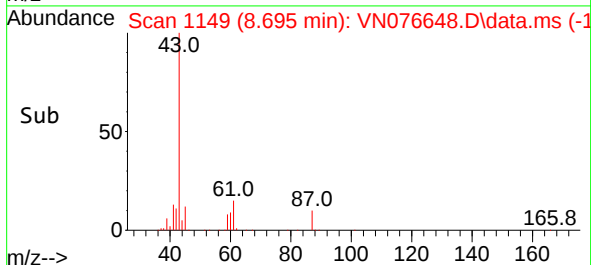
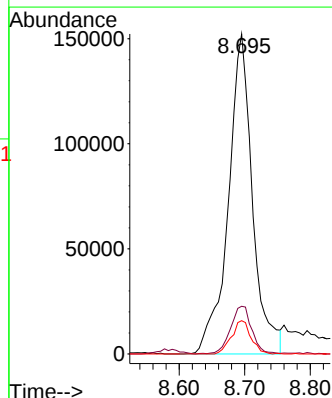
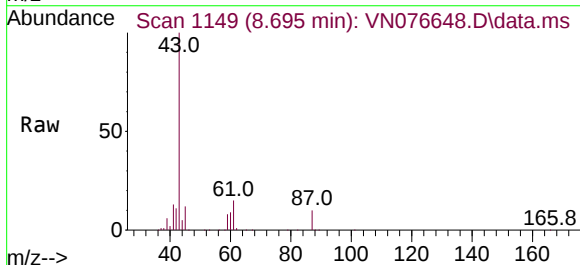
Tgt Ion: 43 Resp: 390827

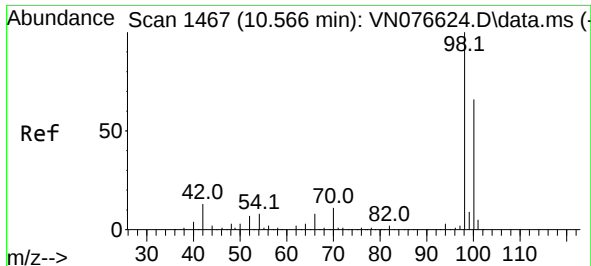
Ion Ratio Lower Upper

43 100

61 13.1 20.0 30.0#

87 8.3 9.9 14.9#

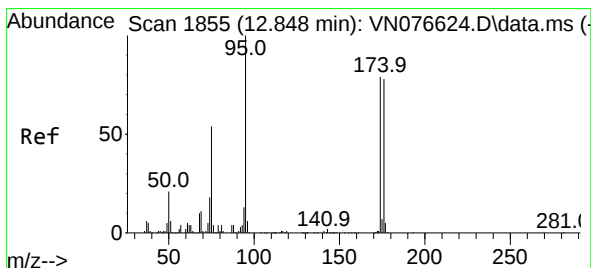
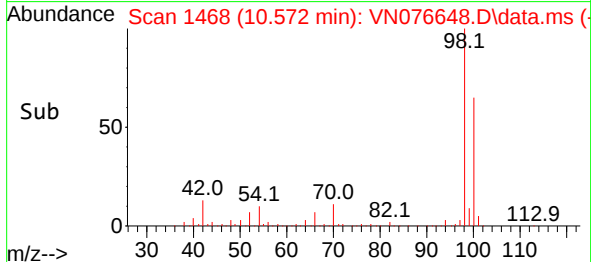
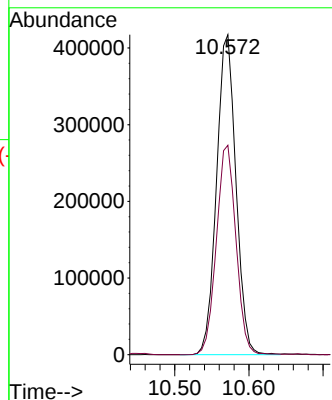
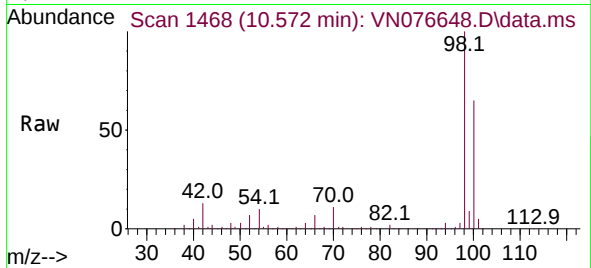




#50  
Toluene-d8  
Concen: 49.450 ug/l  
RT: 10.572 min Scan# 1468  
Delta R.T. 0.006 min  
Lab File: VN076648.D  
Acq: 13 Feb 2023 23:32

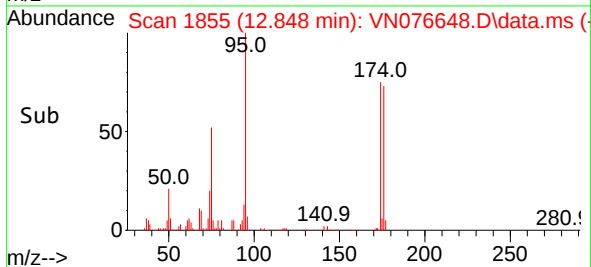
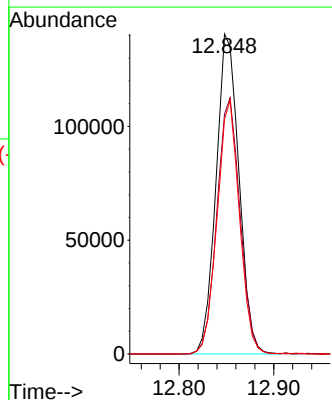
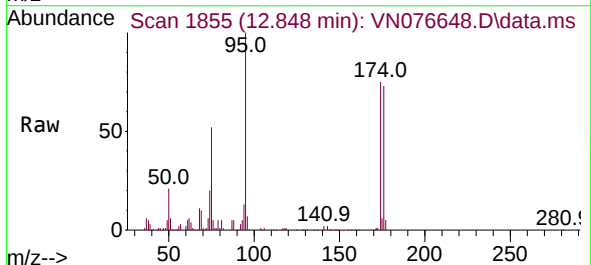
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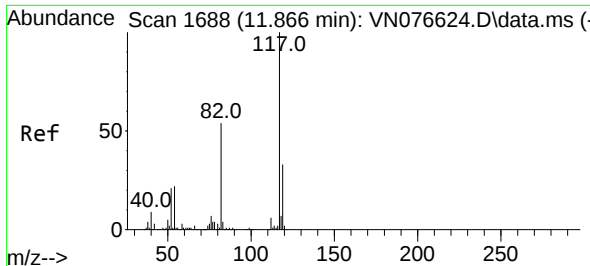
Tgt Ion: 98 Resp: 757907  
Ion Ratio Lower Upper  
98 100  
100 66.1 52.9 79.3



#62  
4-Bromofluorobenzene  
Concen: 46.647 ug/l  
RT: 12.848 min Scan# 1855  
Delta R.T. -0.000 min  
Lab File: VN076648.D  
Acq: 13 Feb 2023 23:32

Tgt Ion: 95 Resp: 236791  
Ion Ratio Lower Upper  
95 100  
174 80.7 0.0 169.2  
176 77.0 0.0 163.4

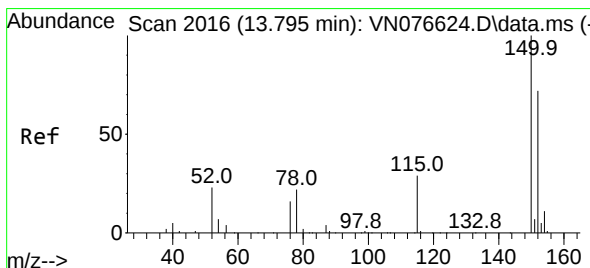
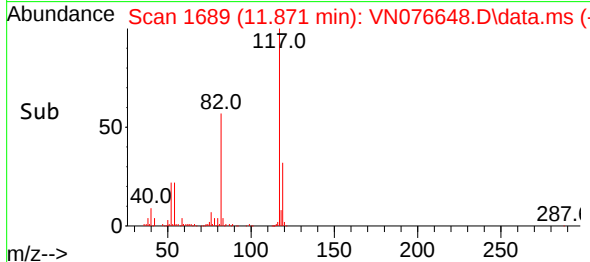
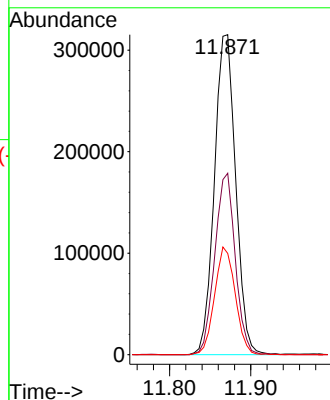
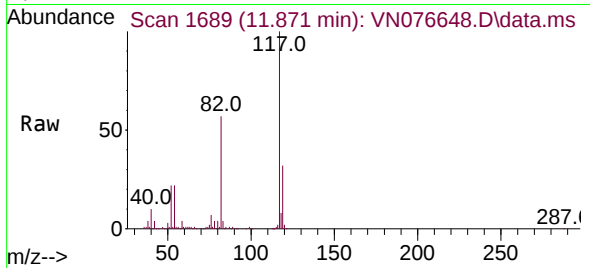




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1689  
Delta R.T. 0.006 min  
Lab File: VN076648.D  
Acq: 13 Feb 2023 23:32

Instrument :  
MSVOA\_N  
ClientSampleId :  
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Tgt Ion:117 Resp: 575479  
Ion Ratio Lower Upper  
117 100  
82 56.7 43.4 65.2  
119 31.7 26.1 39.1



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.795 min Scan# 2016  
Delta R.T. -0.000 min  
Lab File: VN076648.D  
Acq: 13 Feb 2023 23:32

Tgt Ion:152 Resp: 237793  
Ion Ratio Lower Upper  
152 100  
115 58.4 29.3 87.9  
150 154.1 0.0 349.8

