

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN021323\  
 Data File : VN076647.D  
 Acq On : 13 Feb 2023 23:08  
 Operator : JC\MD  
 Sample : 01510-10  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 JPP-55-020823

Quant Time: Feb 14 05:33:49 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

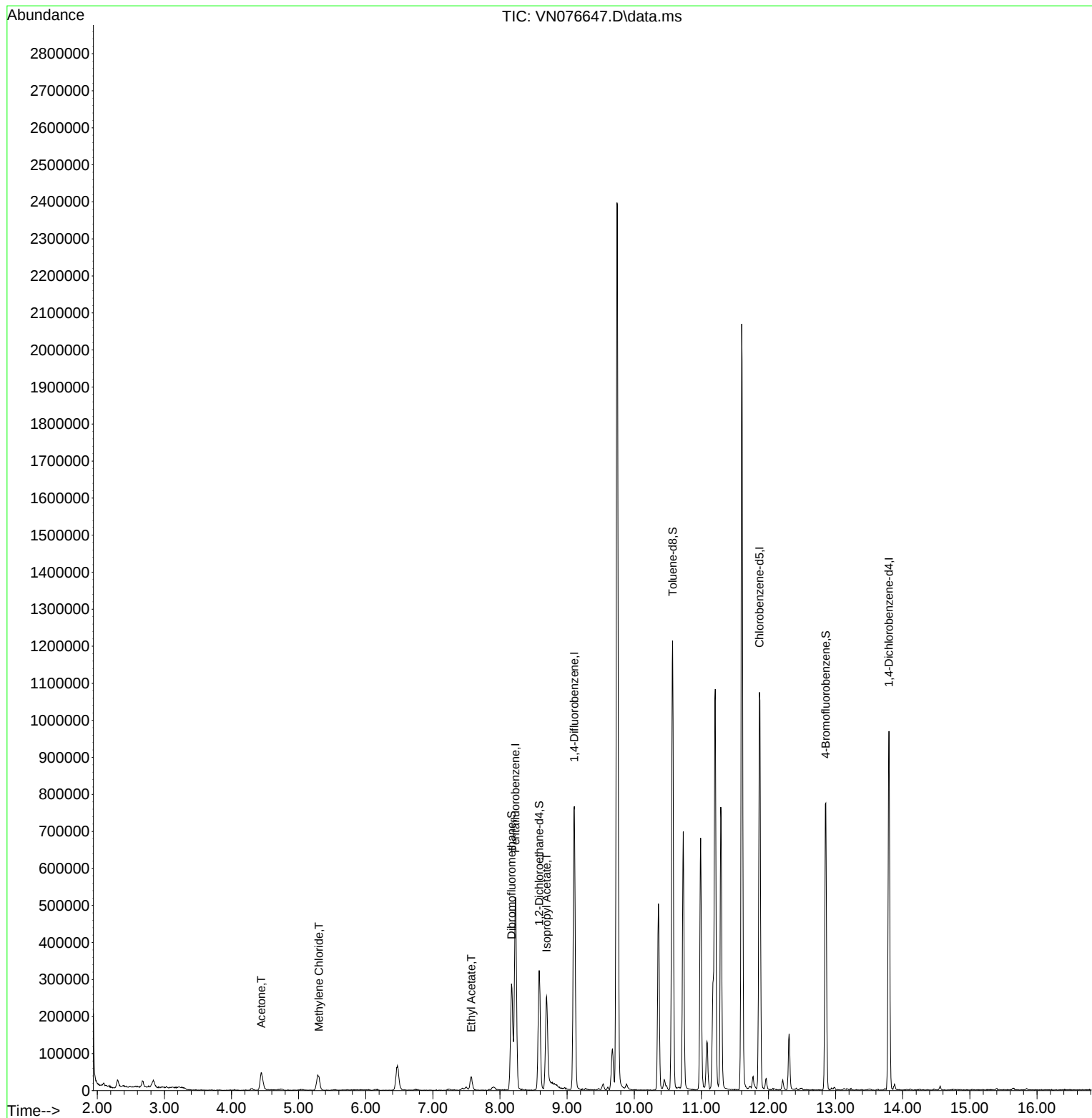
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.230  | 168   | 374642   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.107  | 114   | 670730   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.865 | 117   | 621931   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.795 | 152   | 250254   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.583  | 65    | 251719   | 48.658   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 97.320%  |
| 35) Dibromofluoromethane    | 8.172  | 113   | 203375   | 46.301   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 92.600%  |
| 50) Toluene-d8              | 10.571 | 98    | 815164   | 49.693   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 99.380%  |
| 62) 4-Bromofluorobenzene    | 12.854 | 95    | 258787   | 47.632   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 95.260%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.442  | 43    | 90043    | 38.966   | ug/l   | 92       |
| 20) Methylene Chloride      | 5.301  | 84    | 30718    | 6.343    | ug/l   | 86       |
| 37) Ethyl Acetate           | 7.572  | 43    | 59029    | 8.840    | ug/l   | 97       |
| 43) Isopropyl Acetate       | 8.695  | 43    | 325919   | 29.996   | ug/l # | 84       |
| -----                       |        |       |          |          |        |          |

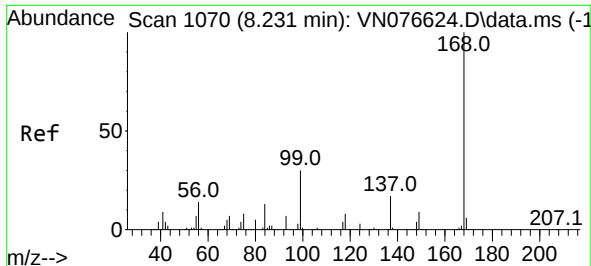
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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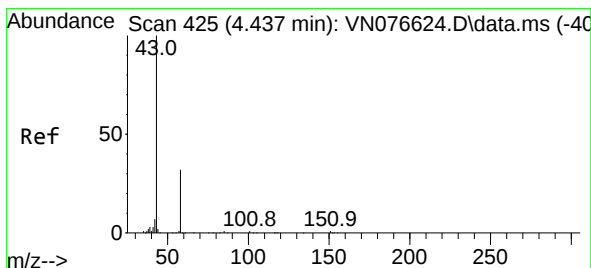
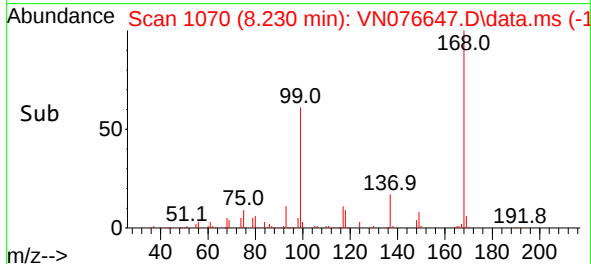
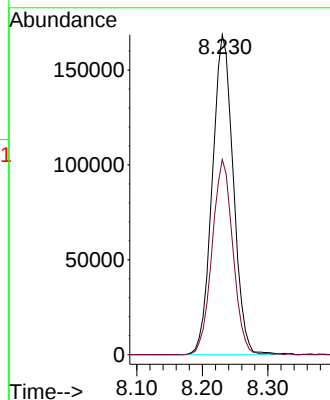
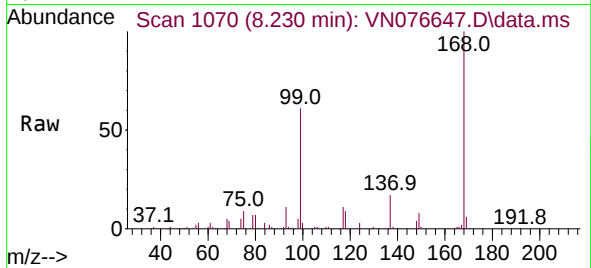




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1070  
Delta R.T. -0.001 min  
Lab File: VN076647.D  
Acq: 13 Feb 2023 23:08

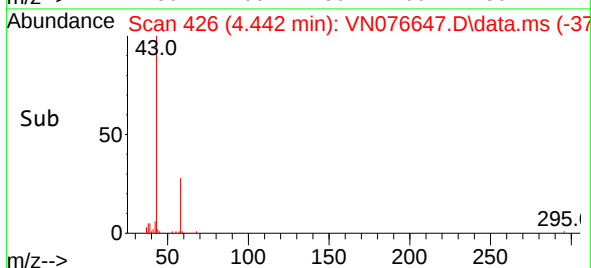
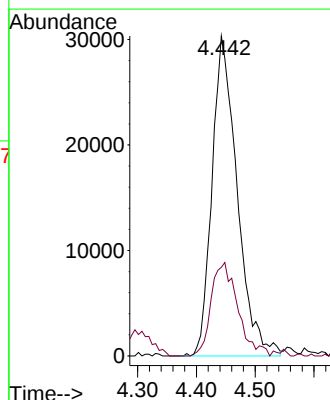
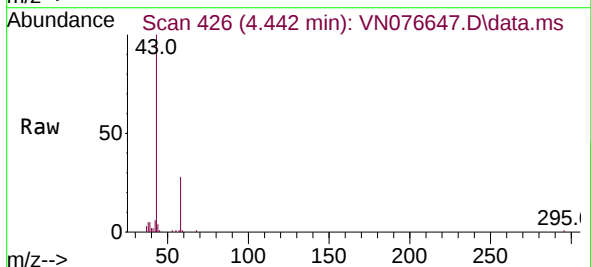
Instrument :  
MSVOA\_N  
ClientSampleId :  
JPP-55-020823

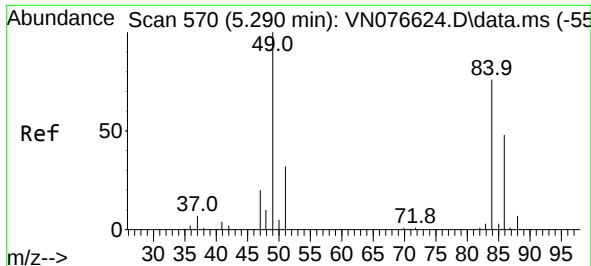
Tgt Ion:168 Resp: 374642  
Ion Ratio Lower Upper  
168 100  
99 61.0 44.8 67.2



#16  
Acetone  
Concen: 38.966 ug/l  
RT: 4.442 min Scan# 426  
Delta R.T. 0.005 min  
Lab File: VN076647.D  
Acq: 13 Feb 2023 23:08

Tgt Ion: 43 Resp: 90043  
Ion Ratio Lower Upper  
43 100  
58 27.7 25.9 38.9



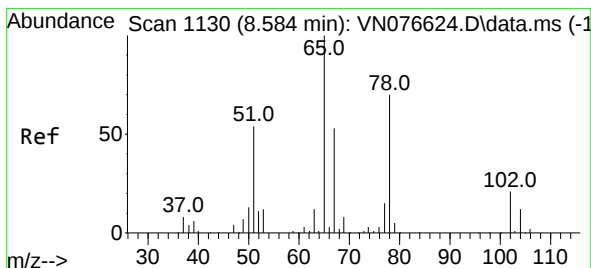
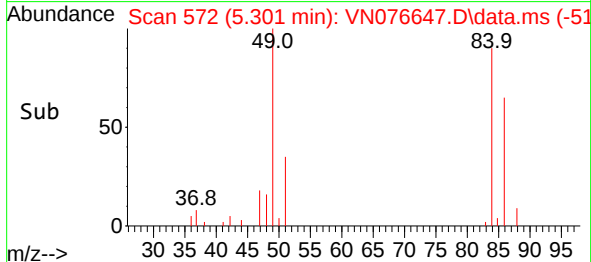
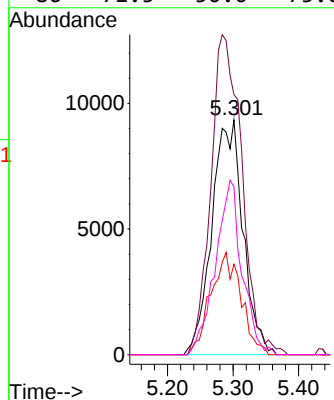
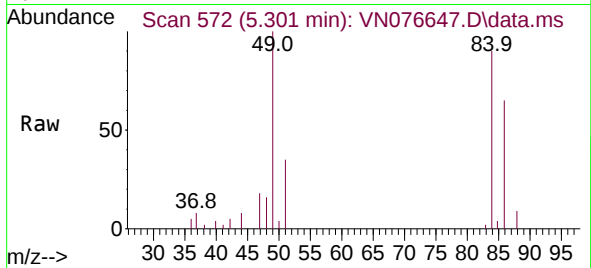


#20  
Methylene Chloride  
Concen: 6.343 ug/l  
RT: 5.301 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VN076647.D  
Acq: 13 Feb 2023 23:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
JPP-55-020823

Tgt Ion: 84 Resp: 30718

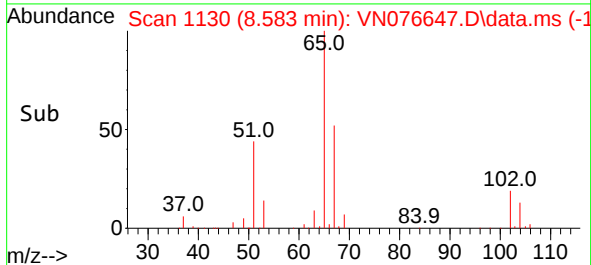
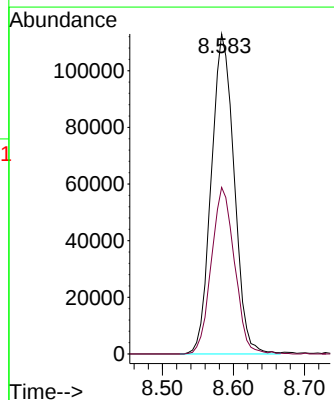
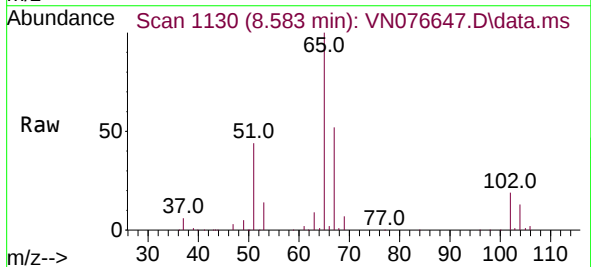
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 110.7 | 104.9 | 157.3 |
| 51  | 38.5  | 33.8  | 50.8  |
| 86  | 71.5  | 50.0  | 75.0  |

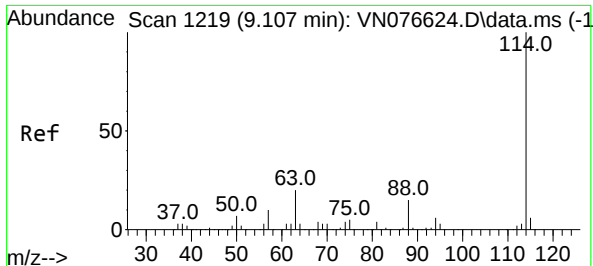


#33  
1,2-Dichloroethane-d4  
Concen: 48.658 ug/l  
RT: 8.583 min Scan# 1130  
Delta R.T. -0.000 min  
Lab File: VN076647.D  
Acq: 13 Feb 2023 23:08

Tgt Ion: 65 Resp: 251719

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 52.9  | 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: VN076647.D

Acq: 13 Feb 2023 23:08

Instrument :

MSVOA\_N

ClientSampleId :

JPP-55-020823

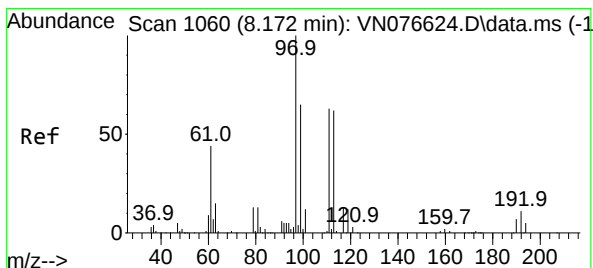
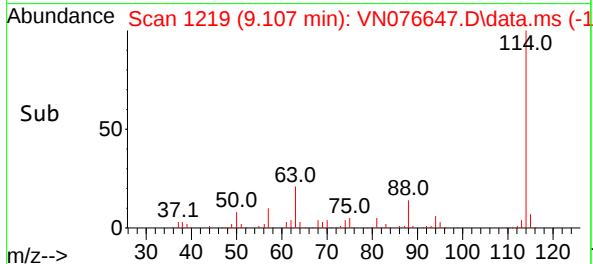
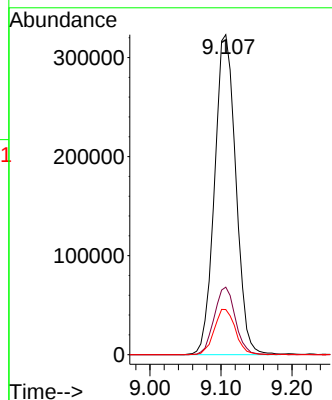
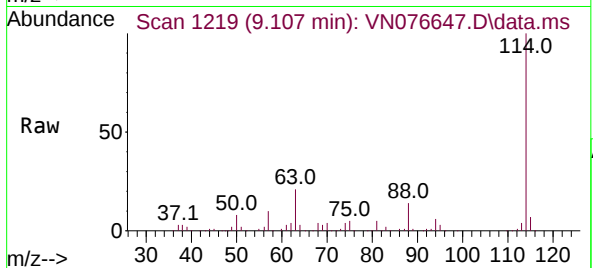
Tgt Ion:114 Resp: 670730

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.0

88 14.1 0.0 29.6



#35

Dibromofluoromethane

Concen: 46.301 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076647.D

Acq: 13 Feb 2023 23:08

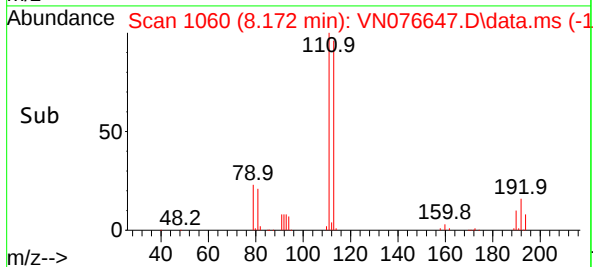
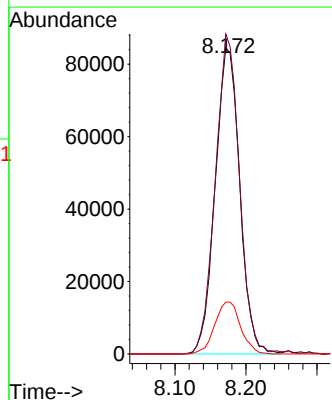
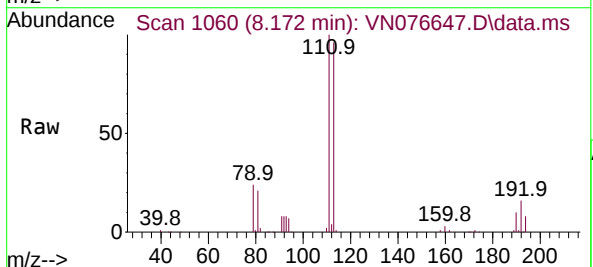
Tgt Ion:113 Resp: 203375

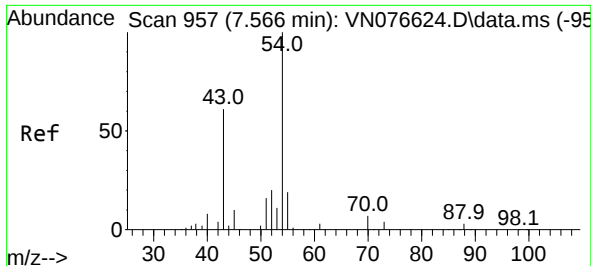
Ion Ratio Lower Upper

113 100

111 102.9 83.1 124.7

192 17.8 15.6 23.4

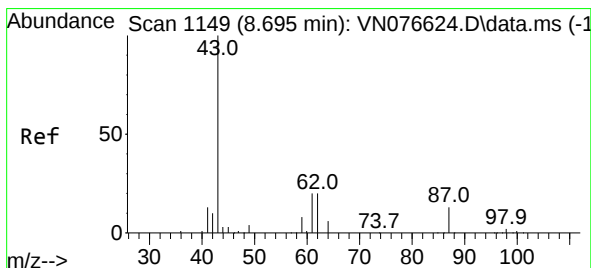
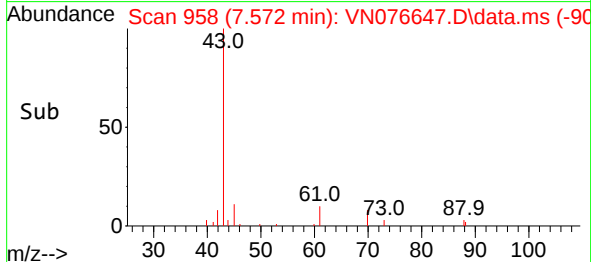
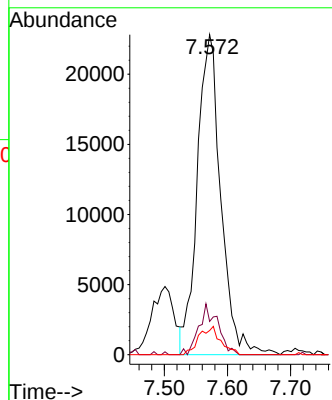
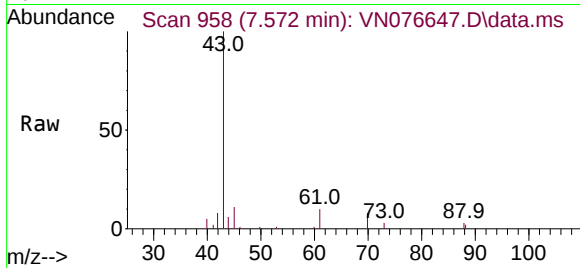




#37  
Ethyl Acetate  
Concen: 8.840 ug/l  
RT: 7.572 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN076647.D  
Acq: 13 Feb 2023 23:08

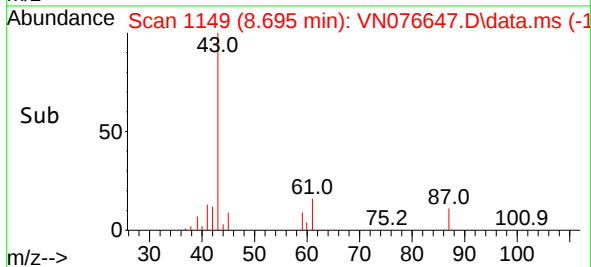
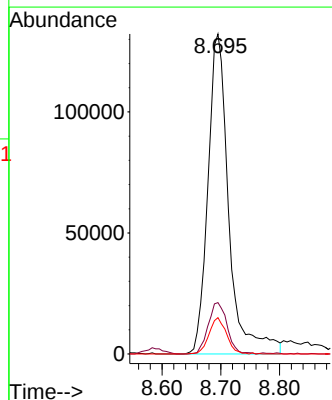
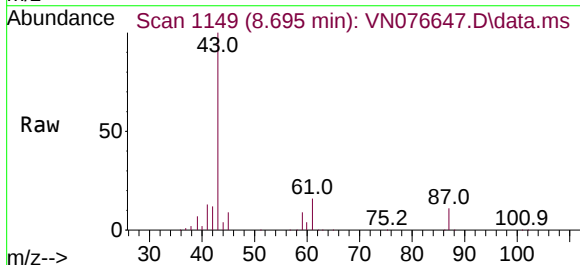
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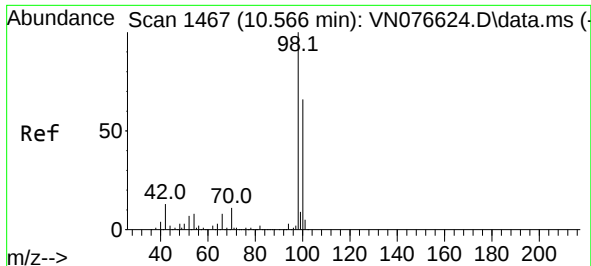
Tgt Ion: 43 Resp: 59029  
Ion Ratio Lower Upper  
43 100  
61 12.8 9.9 14.9  
70 8.1 7.8 11.6



#43  
Isopropyl Acetate  
Concen: 29.996 ug/l  
RT: 8.695 min Scan# 1149  
Delta R.T. -0.000 min  
Lab File: VN076647.D  
Acq: 13 Feb 2023 23:08

Tgt Ion: 43 Resp: 325919  
Ion Ratio Lower Upper  
43 100  
61 14.5 20.0 30.0#  
87 9.4 9.9 14.9#

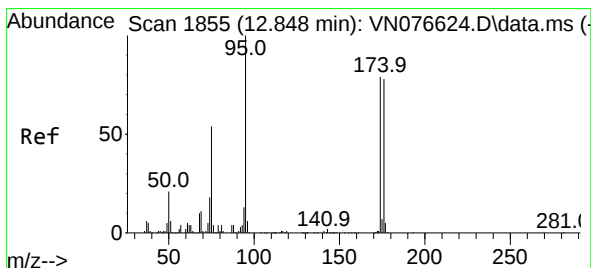
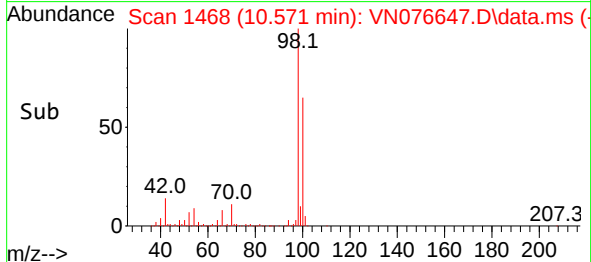
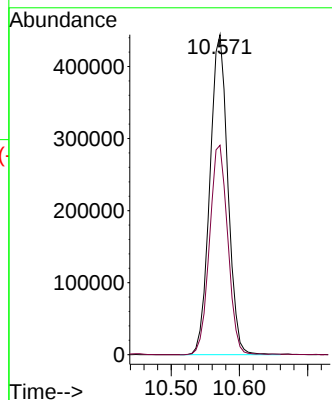
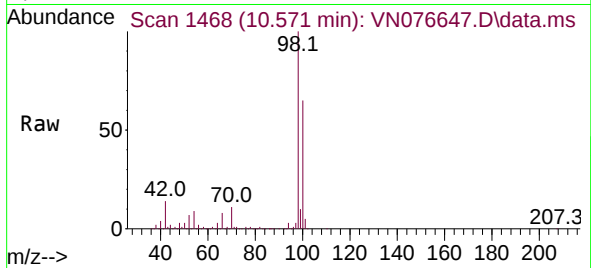




#50  
Toluene-d8  
Concen: 49.693 ug/l  
RT: 10.571 min Scan# 1468  
Delta R.T. 0.006 min  
Lab File: VN076647.D  
Acq: 13 Feb 2023 23:08

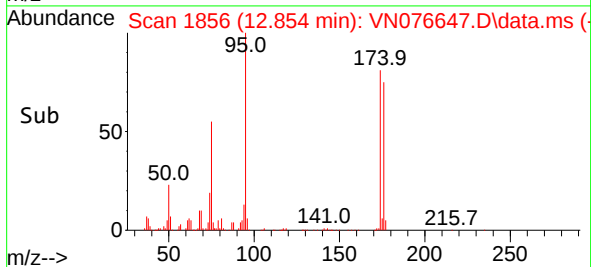
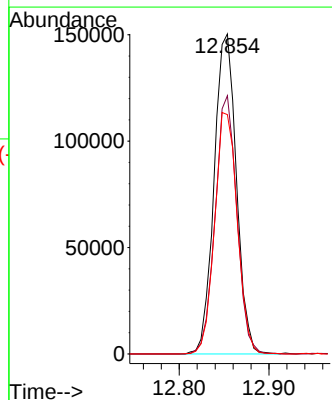
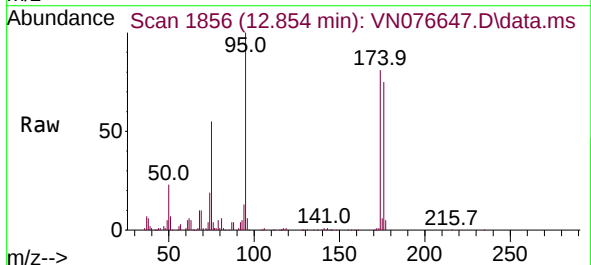
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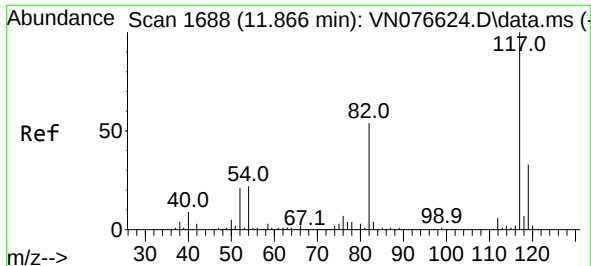
Tgt Ion: 98 Resp: 815164  
Ion Ratio Lower Upper  
98 100  
100 66.3 52.9 79.3



#62  
4-Bromofluorobenzene  
Concen: 47.632 ug/l  
RT: 12.854 min Scan# 1856  
Delta R.T. 0.006 min  
Lab File: VN076647.D  
Acq: 13 Feb 2023 23:08

Tgt Ion: 95 Resp: 258787  
Ion Ratio Lower Upper  
95 100  
174 78.6 0.0 169.2  
176 76.7 0.0 163.4

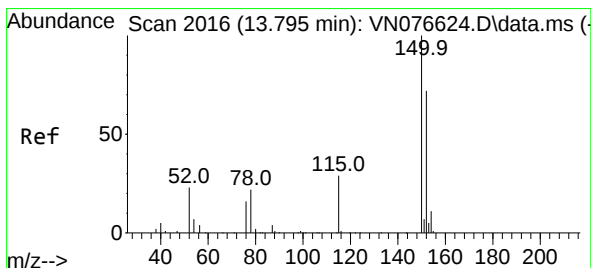
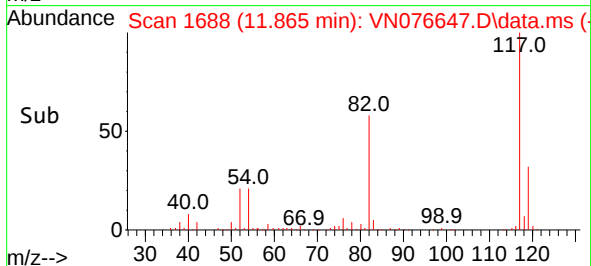
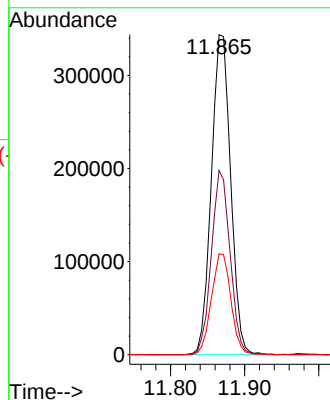
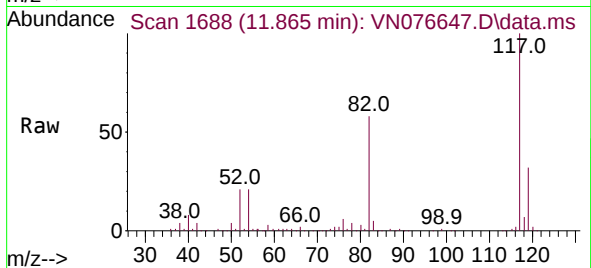




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN076647.D  
Acq: 13 Feb 2023 23:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
JPP-55-020823

Tgt Ion:117 Resp: 621931  
Ion Ratio Lower Upper  
117 100  
82 57.6 43.4 65.2  
119 31.5 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: VN076647.D  
Acq: 13 Feb 2023 23:08

Tgt Ion:152 Resp: 250254  
Ion Ratio Lower Upper  
152 100  
115 58.5 29.3 87.9  
150 158.2 0.0 349.8

