

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN050923\  
 Data File : VN077644.D  
 Acq On : 09 May 2023 20:08  
 Operator : JC\MD  
 Sample : 02652-05  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 COMP-DRUMS-OILY-DEBRIS

Quant Time: May 10 04:51:42 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N050923W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 09 13:52:31 2023  
 Response via : Initial Calibration

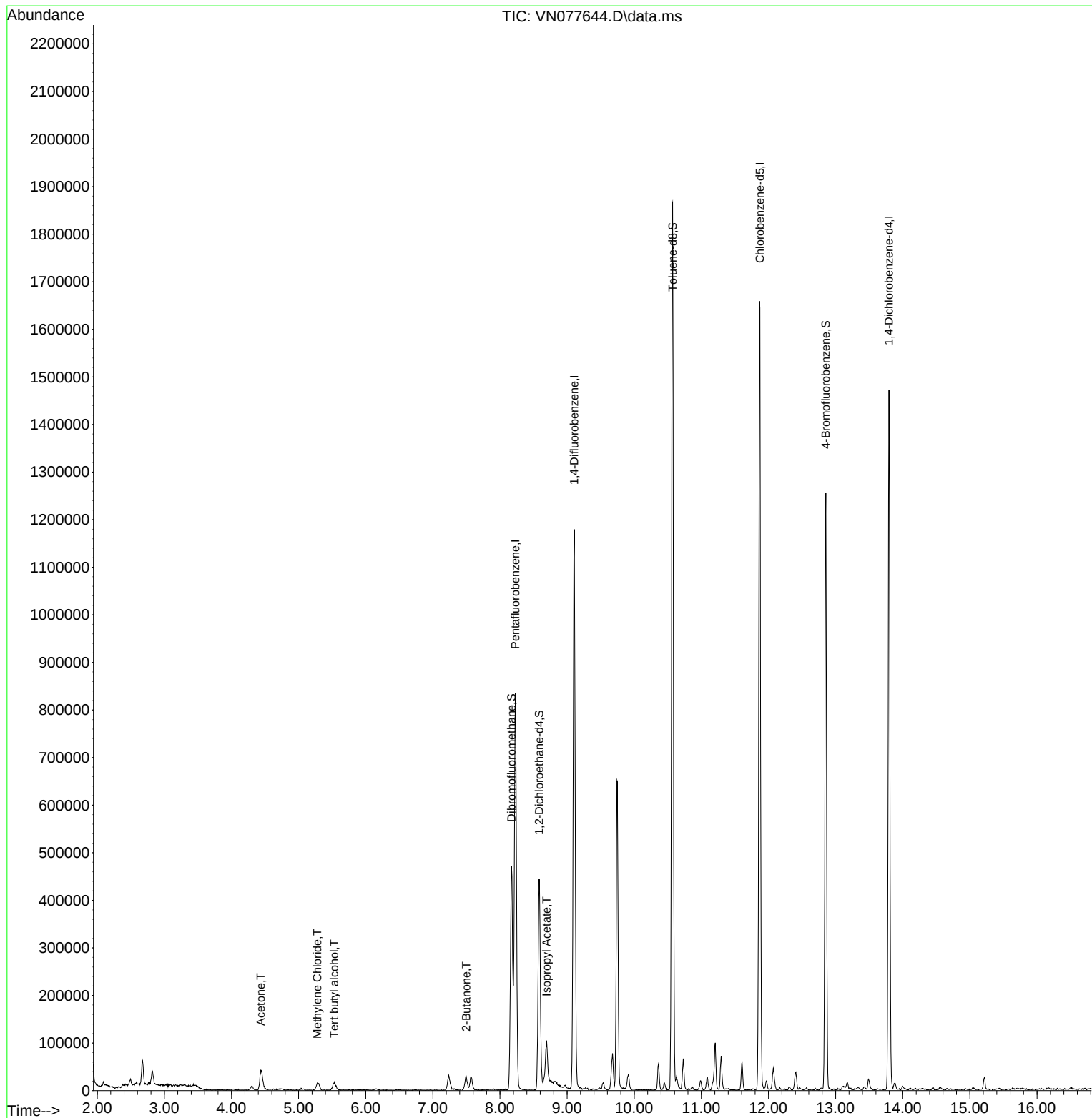
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.231  | 168   | 613983   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.107  | 114   | 1096110  | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.871 | 117   | 1039623  | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.795 | 152   | 407547   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.583  | 65    | 362658   | 46.574   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 93.140%  |
| 35) Dibromofluoromethane    | 8.172  | 113   | 335214   | 49.035   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 98.080%  |
| 50) Toluene-d8              | 10.572 | 98    | 1396704  | 53.964   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 107.920% |
| 62) 4-Bromofluorobenzene    | 12.854 | 95    | 444559   | 50.784   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 101.560% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 11) Tert butyl alcohol      | 5.531  | 59    | 28050    | 30.622   | ug/l # | 86       |
| 16) Acetone                 | 4.437  | 43    | 77825    | 42.088   | ug/l   | 100      |
| 20) Methylene Chloride      | 5.278  | 84    | 14751    | 1.925    | ug/l # | 82       |
| 25) 2-Butanone              | 7.495  | 43    | 40908    | 15.136   | ug/l   | 88       |
| 43) Isopropyl Acetate       | 8.695  | 43    | 124577   | 13.172   | ug/l # | 78       |
| -----                       |        |       |          |          |        |          |

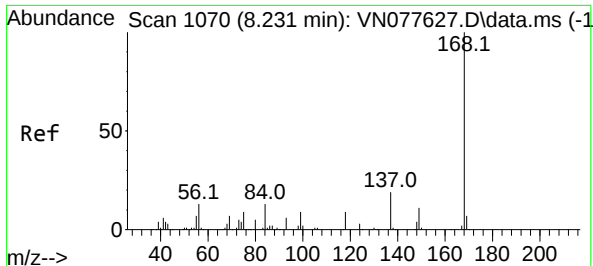
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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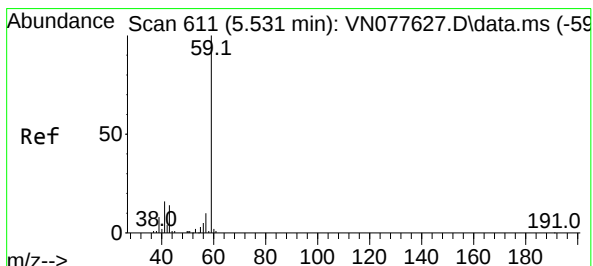
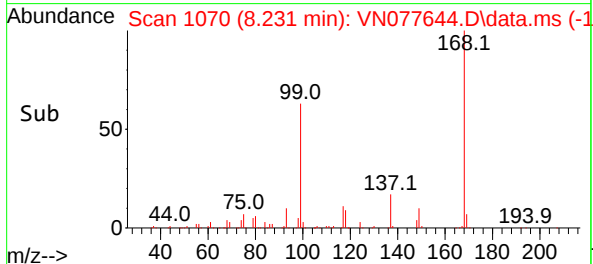
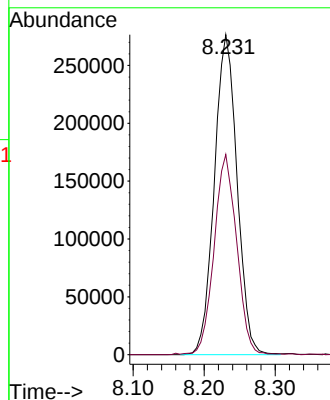
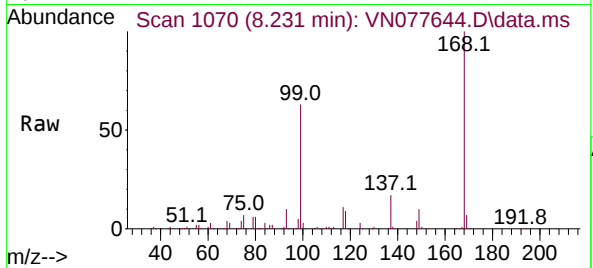




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.231 min Scan# 1070  
Delta R.T. -0.000 min  
Lab File: VN077644.D  
Acq: 09 May 2023 20:08

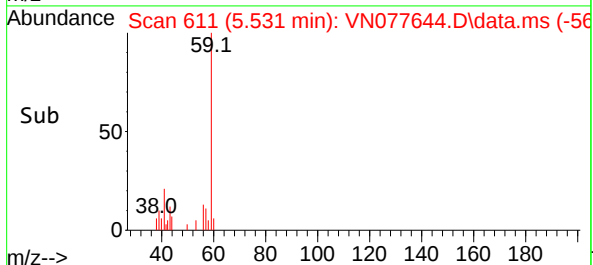
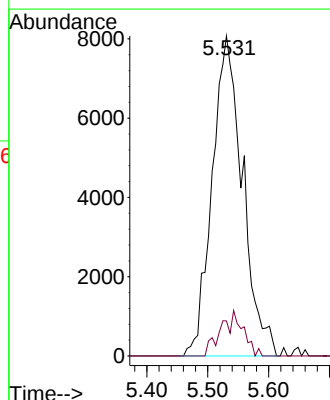
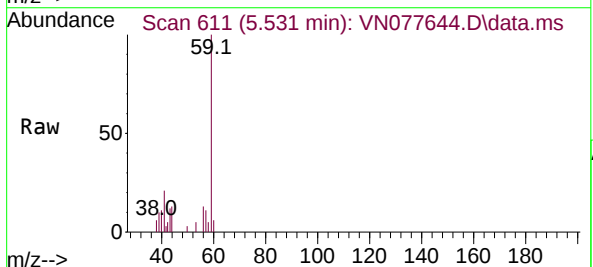
Instrument :  
MSVOA\_N  
ClientSampleId :  
COMP-DRUMS-OILY-DEBRIS

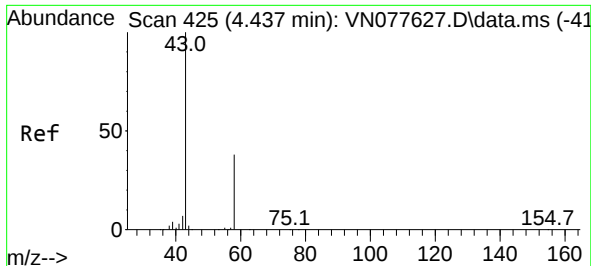
Tgt Ion:168 Resp: 613983  
Ion Ratio Lower Upper  
168 100  
99 62.4 53.0 79.6



#11  
Tert butyl alcohol  
Concen: 30.622 ug/l  
RT: 5.531 min Scan# 611  
Delta R.T. -0.000 min  
Lab File: VN077644.D  
Acq: 09 May 2023 20:08

Tgt Ion: 59 Resp: 28050  
Ion Ratio Lower Upper  
59 100  
57 5.1 8.2 12.4#





#16

Acetone

Concen: 42.088 ug/l

RT: 4.437 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN077644.D

Acq: 09 May 2023 20:08

Instrument :

MSVOA\_N

ClientSampleId :

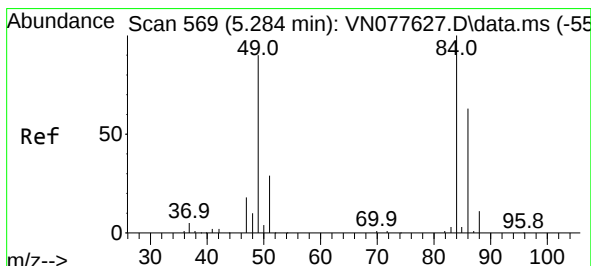
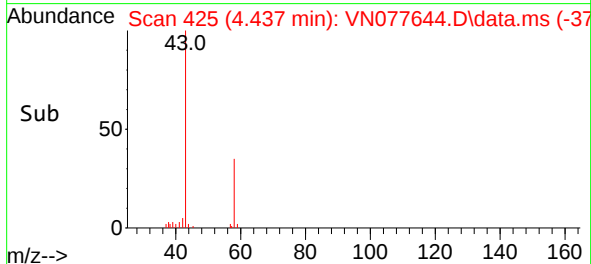
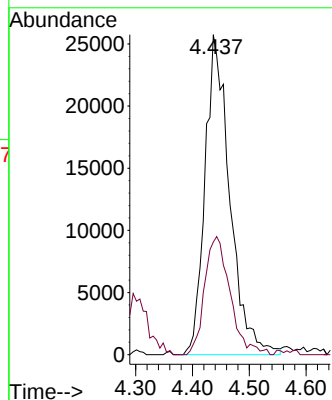
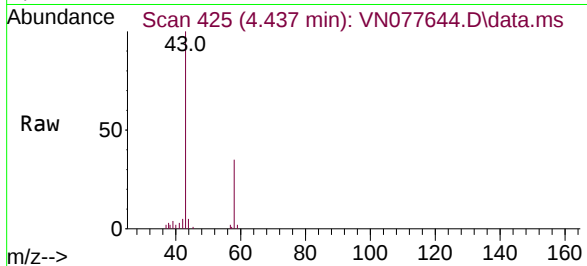
COMP-DRUMS-OILY-DEBRIS

Tgt Ion: 43 Resp: 77825

Ion Ratio Lower Upper

43 100

58 35.2 28.0 42.0



#20

Methylene Chloride

Concen: 1.925 ug/l

RT: 5.278 min Scan# 568

Delta R.T. -0.006 min

Lab File: VN077644.D

Acq: 09 May 2023 20:08

Tgt Ion: 84 Resp: 14751

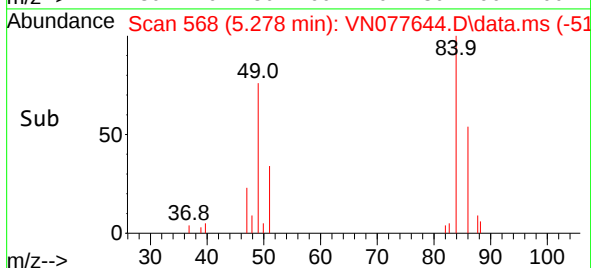
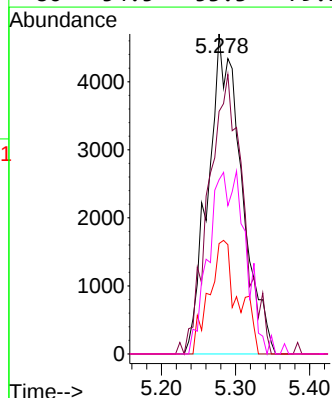
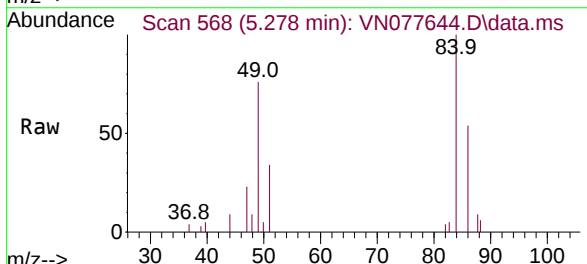
Ion Ratio Lower Upper

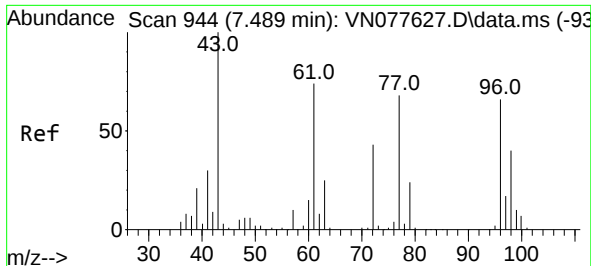
84 100

49 75.8 79.7 119.5#

51 34.5 25.2 37.8

86 54.5 53.3 79.9

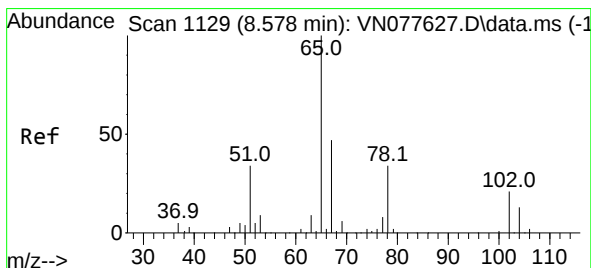
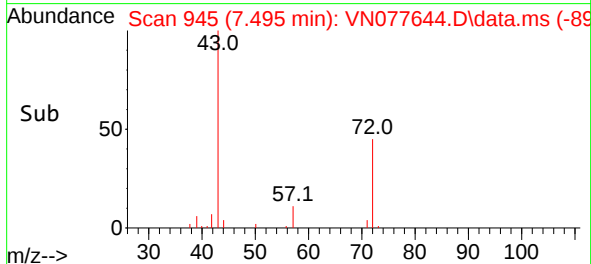
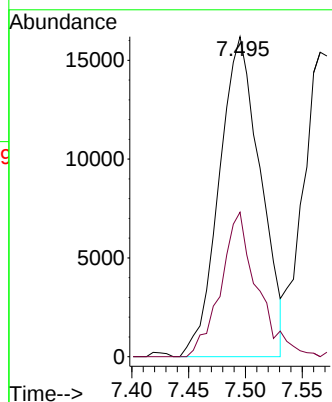
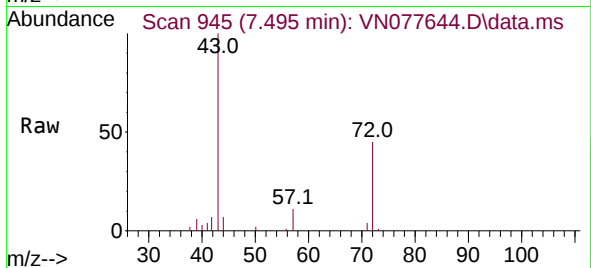




#25  
2-Butanone  
Concen: 15.136 ug/l  
RT: 7.495 min Scan# 944  
Delta R.T. 0.006 min  
Lab File: VN077644.D  
Acq: 09 May 2023 20:08

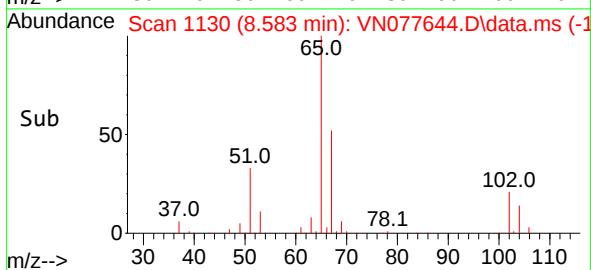
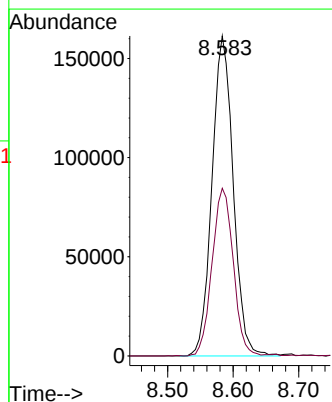
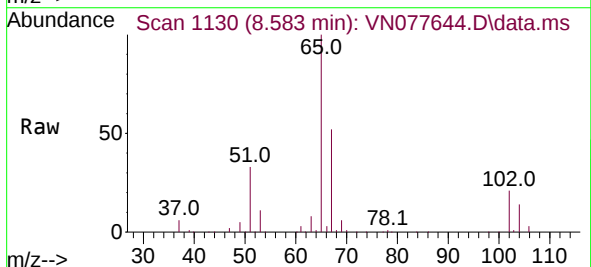
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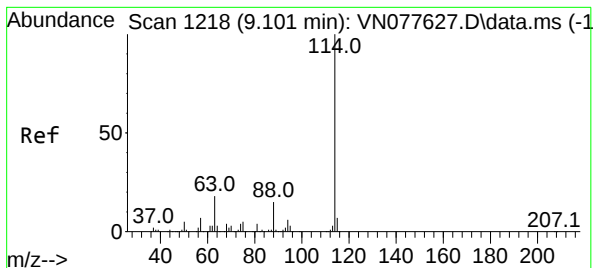
Tgt Ion: 43 Resp: 40908  
Ion Ratio Lower Upper  
43 100  
72 45.2 30.2 45.2



#33  
1,2-Dichloroethane-d4  
Concen: 46.574 ug/l  
RT: 8.583 min Scan# 1130  
Delta R.T. 0.005 min  
Lab File: VN077644.D  
Acq: 09 May 2023 20:08

Tgt Ion: 65 Resp: 362658  
Ion Ratio Lower Upper  
65 100  
67 52.3 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077644.D

Acq: 09 May 2023 20:08

Instrument :

MSVOA\_N

ClientSampleId :

COMP-DRUMS-OILY-DEBRIS

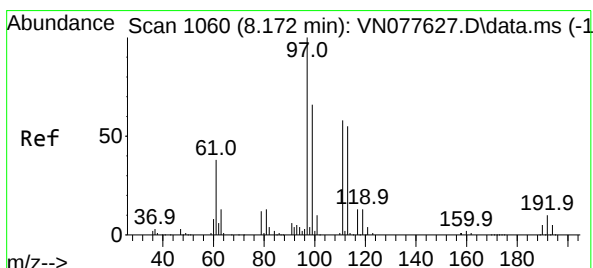
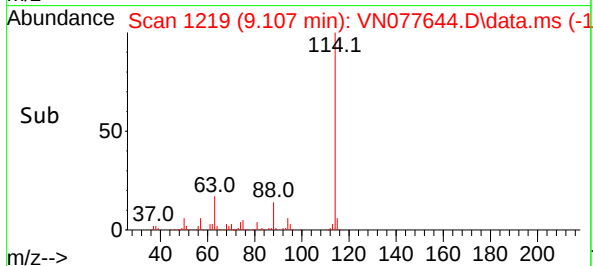
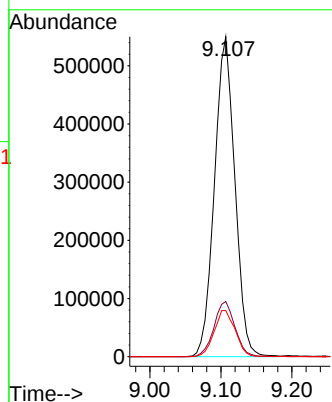
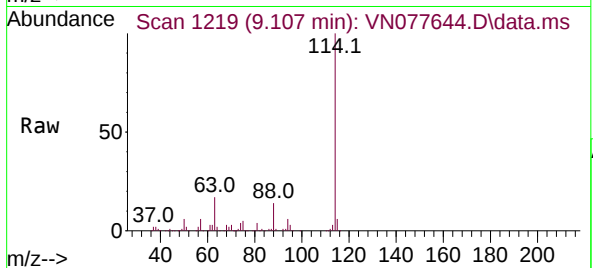
Tgt Ion:114 Resp: 1096110

Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.4

88 14.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.035 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077644.D

Acq: 09 May 2023 20:08

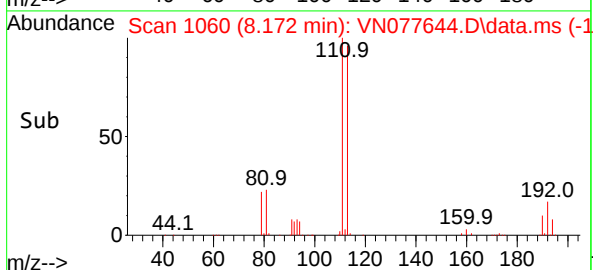
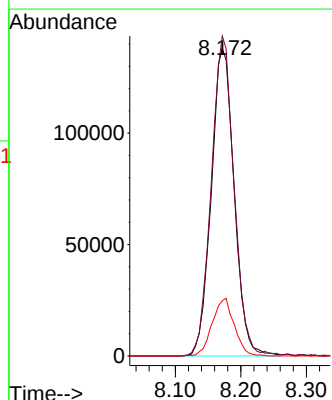
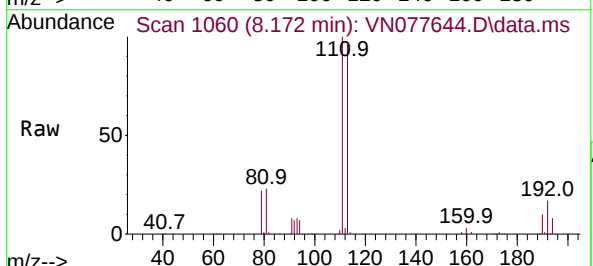
Tgt Ion:113 Resp: 335214

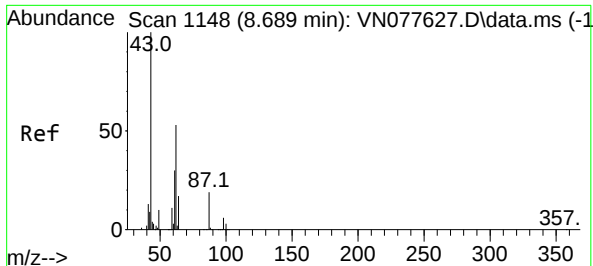
Ion Ratio Lower Upper

113 100

111 103.3 82.6 123.8

192 18.0 12.7 19.1





#43

Isopropyl Acetate

Concen: 13.172 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.006 min

Lab File: VN077644.D

Acq: 09 May 2023 20:08

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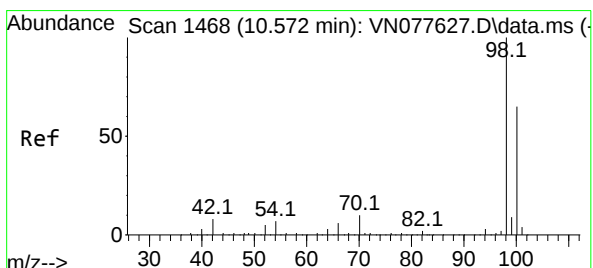
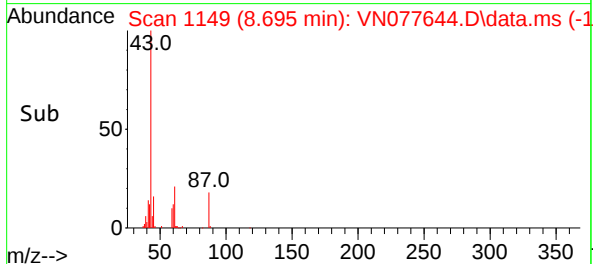
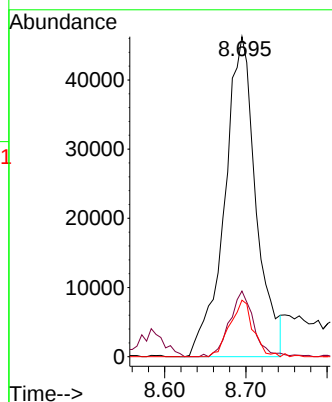
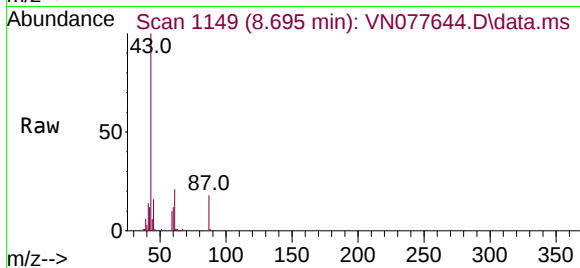
Tgt Ion: 43 Resp: 124577

Ion Ratio Lower Upper

43 100

61 15.6 24.7 37.1#

87 13.3 14.6 21.8#



#50

Toluene-d8

Concen: 53.964 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077644.D

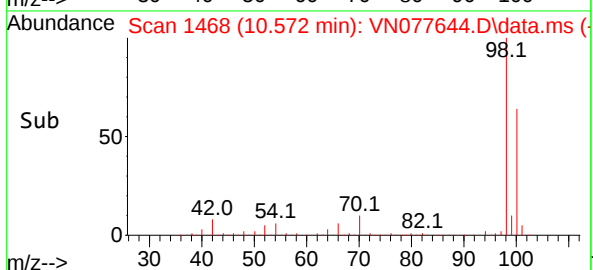
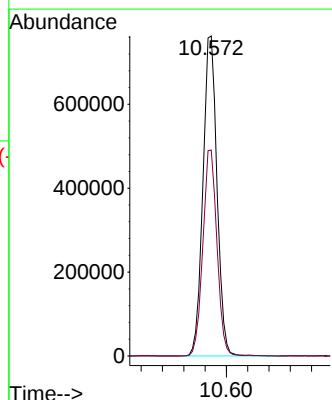
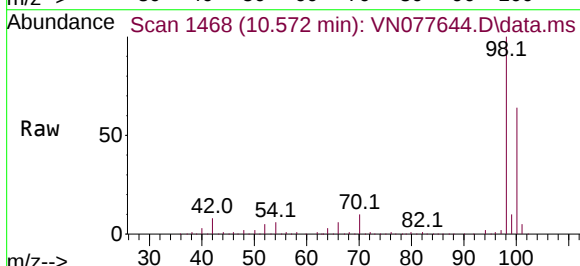
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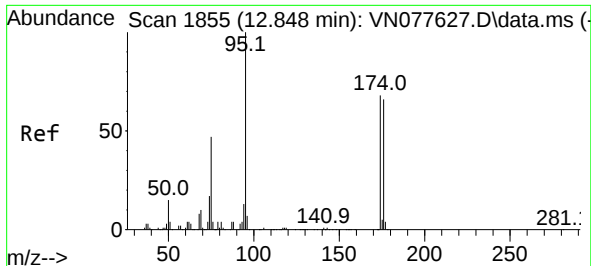
Tgt Ion: 98 Resp: 1396704

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0

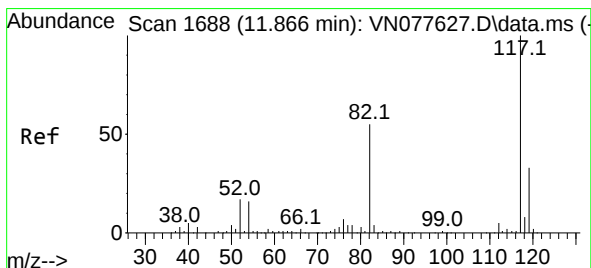
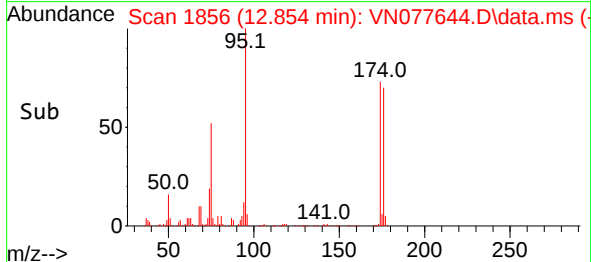
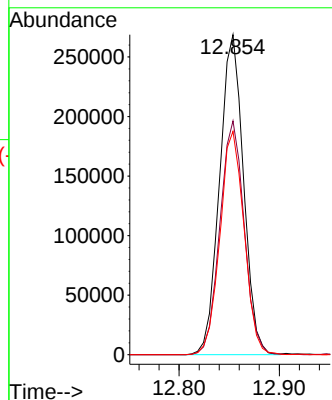
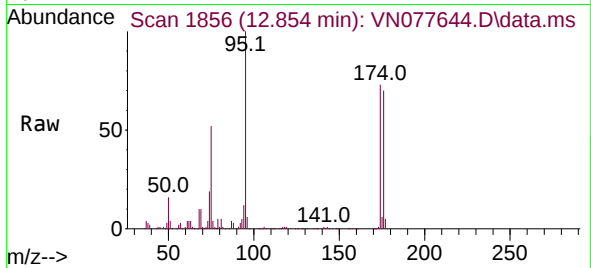




#62  
4-Bromofluorobenzene  
Concen: 50.784 ug/l  
RT: 12.854 min Scan# 1855  
Delta R.T. 0.006 min  
Lab File: VN077644.D  
Acq: 09 May 2023 20:08

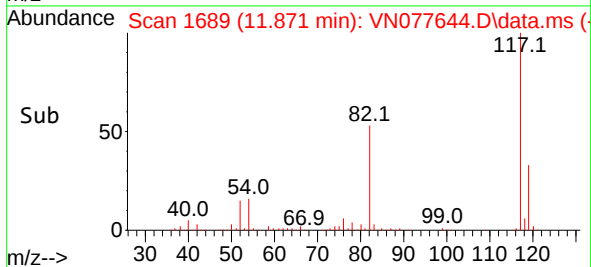
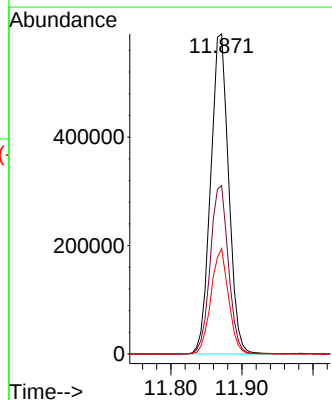
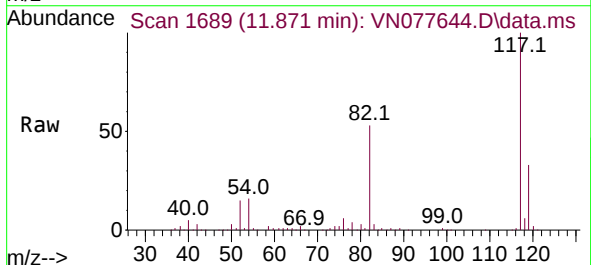
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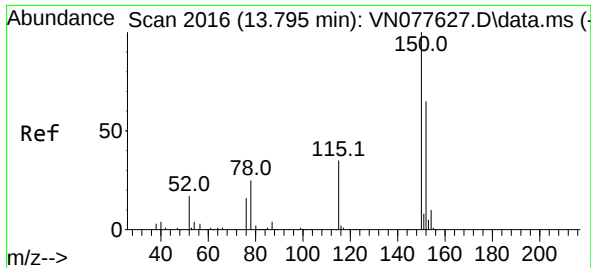
Tgt Ion: 95 Resp: 444559  
Ion Ratio Lower Upper  
95 100  
174 74.1 0.0 143.8  
176 70.5 0.0 135.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1689  
Delta R.T. 0.005 min  
Lab File: VN077644.D  
Acq: 09 May 2023 20:08

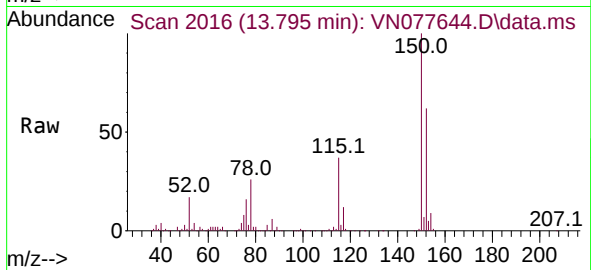
Tgt Ion: 117 Resp: 1039623  
Ion Ratio Lower Upper  
117 100  
82 52.6 44.0 66.0  
119 32.9 25.6 38.4





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.795 min Scan# 20  
 Delta R.T. -0.000 min  
 Lab File: VN077644.D  
 Acq: 09 May 2023 20:08

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 COMP-DRUMS-OILY-DEBRIS



Tgt Ion:152 Resp: 407547  
 Ion Ratio Lower Upper  
 152 100  
 115 61.8 32.3 96.8  
 150 154.4 0.0 355.8

