

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN111022\  
 Data File : VN075233.D  
 Acq On : 10 Nov 2022 14:34  
 Operator : JC\MD  
 Sample : N5537-02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 360

Quant Time: Nov 11 04:10:50 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102622W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 27 09:48:49 2022  
 Response via : Initial Calibration

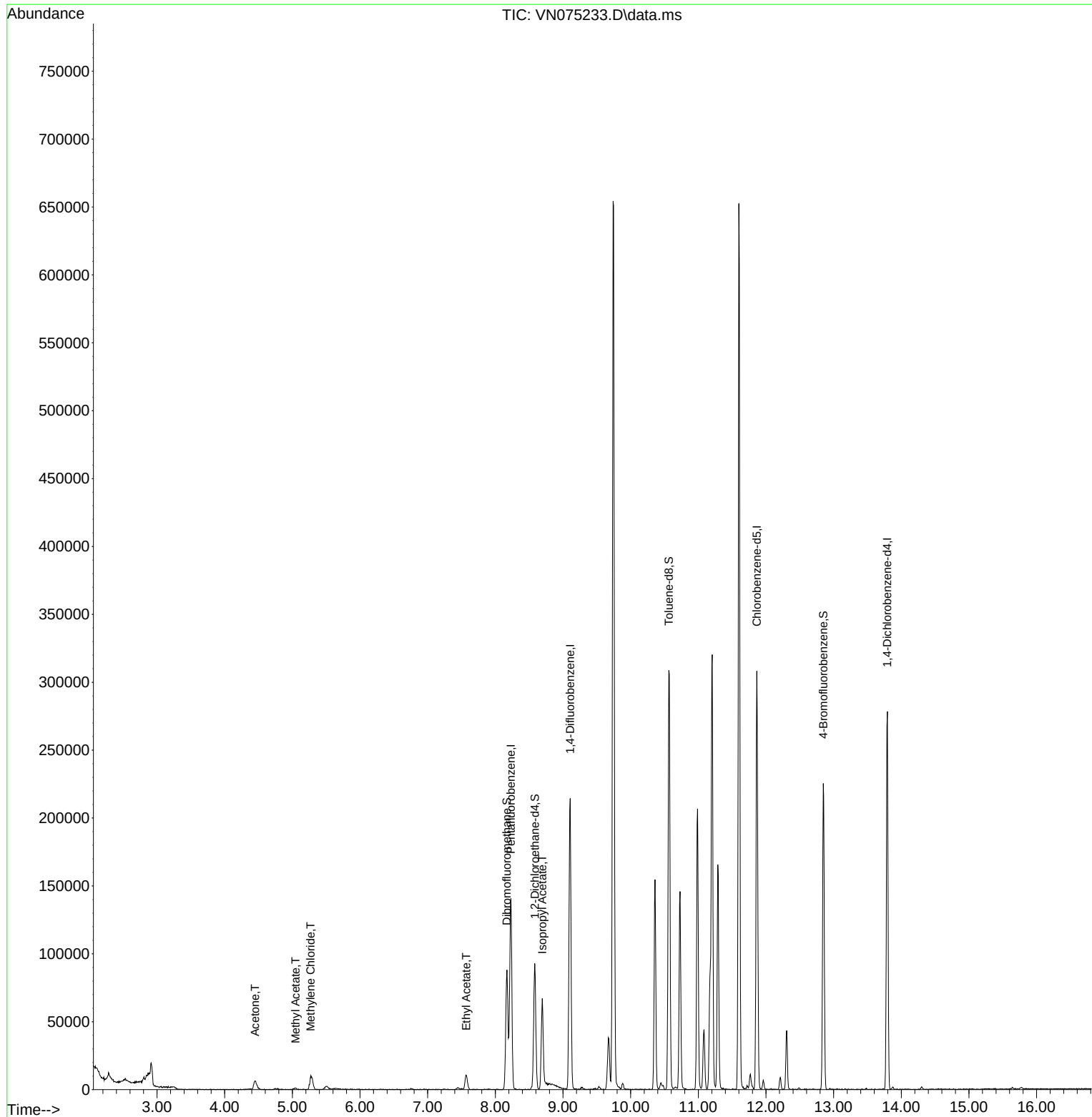
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 8.230     | 168   | 101625   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106     | 114   | 194542   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.865    | 117   | 180626   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794    | 152   | 76012    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.583     | 65    | 75769    | 55.335   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 74 - 125 | Recovery | = 110.680% |          |
| 35) Dibromofluoromethane    | 8.171     | 113   | 62157    | 54.425   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | = 108.860% |          |
| 50) Toluene-d8              | 10.565    | 98    | 228919   | 51.664   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 86 - 113 | Recovery | = 103.320% |          |
| 62) 4-Bromofluorobenzene    | 12.847    | 95    | 80276    | 51.575   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | = 103.160% |          |
| Target Compounds            |           |       |          |          |            |          |
|                             |           |       |          |          |            | Qvalue   |
| 16) Acetone                 | 4.448     | 43    | 13380    | 23.077   | ug/l       | 96       |
| 18) Methyl Acetate          | 5.048     | 43    | 2482     | 1.311    | ug/l #     | 83       |
| 20) Methylene Chloride      | 5.271     | 84    | 8620     | 6.668    | ug/l       | 85       |
| 37) Ethyl Acetate           | 7.571     | 43    | 16452    | 8.485    | ug/l       | 97       |
| 43) Isopropyl Acetate       | 8.694     | 43    | 73589    | 24.467   | ug/l #     | 91       |
| -----                       |           |       |          |          |            |          |

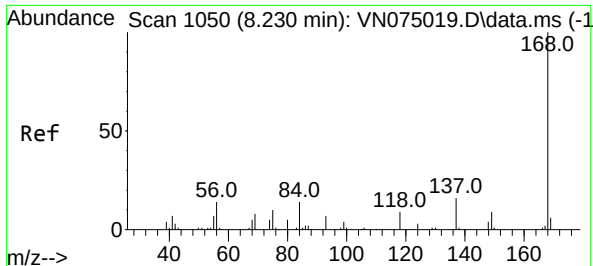
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102622W.M  
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QLast Update : Thu Oct 27 09:48:49 2022  
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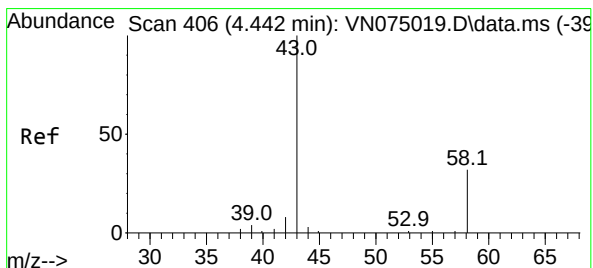
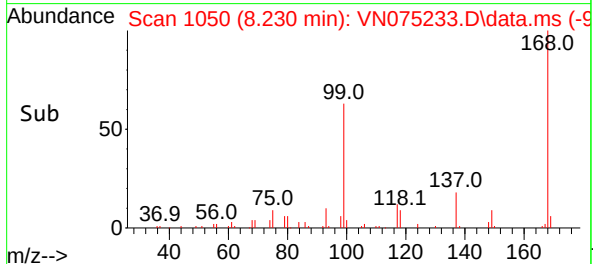
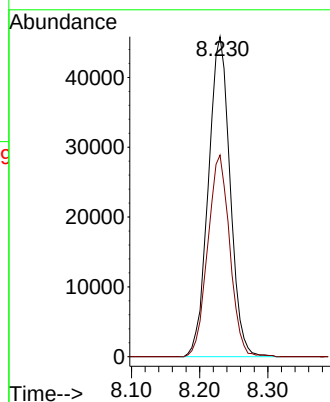
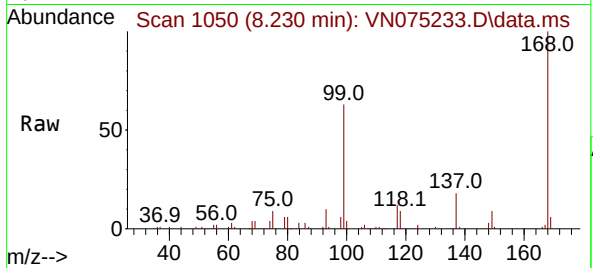




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1050  
Delta R.T. -0.000 min  
Lab File: VN075233.D  
Acq: 10 Nov 2022 14:34

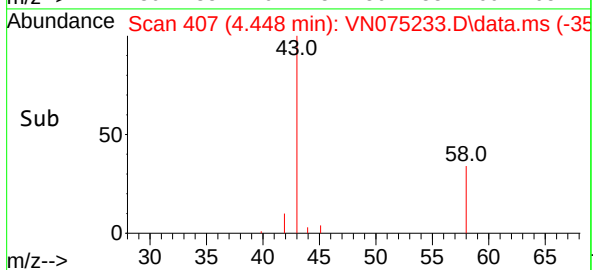
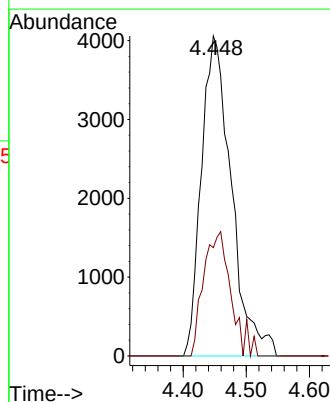
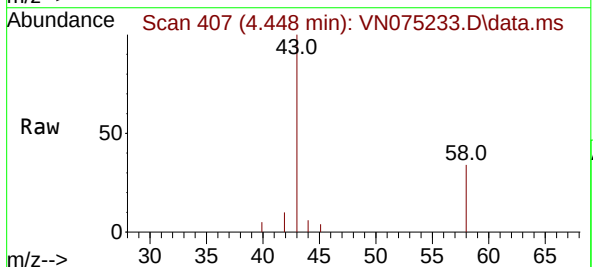
Instrument :  
MSVOA\_N  
ClientSampleId :  
360

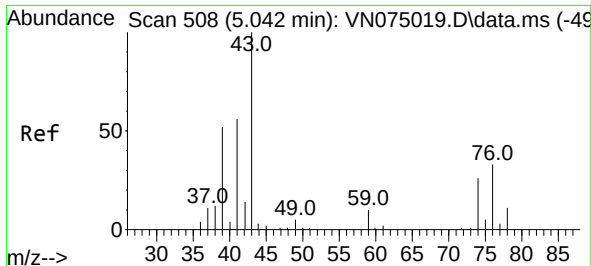
Tgt Ion:168 Resp: 101625  
Ion Ratio Lower Upper  
168 100  
99 63.0 51.6 77.4



#16  
Acetone  
Concen: 23.077 ug/l  
RT: 4.448 min Scan# 407  
Delta R.T. 0.006 min  
Lab File: VN075233.D  
Acq: 10 Nov 2022 14:34

Tgt Ion: 43 Resp: 13380  
Ion Ratio Lower Upper  
43 100  
58 33.9 25.5 38.3

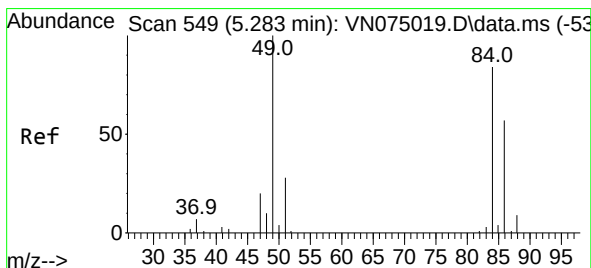
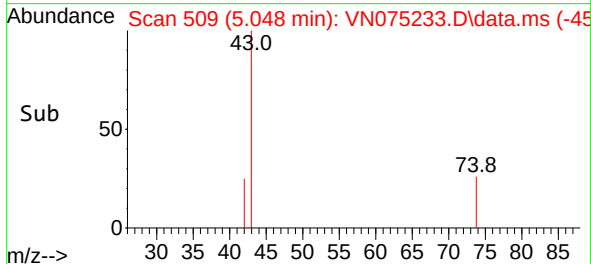
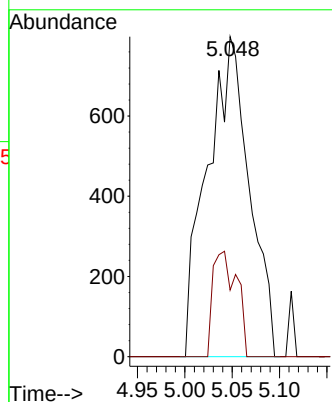
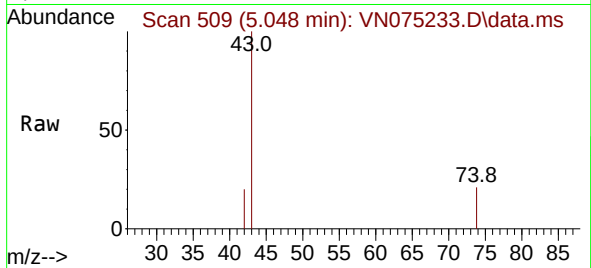




#18  
Methyl Acetate  
Concen: 1.311 ug/l  
RT: 5.048 min Scan# 508  
Delta R.T. 0.006 min  
Lab File: VN075233.D  
Acq: 10 Nov 2022 14:34

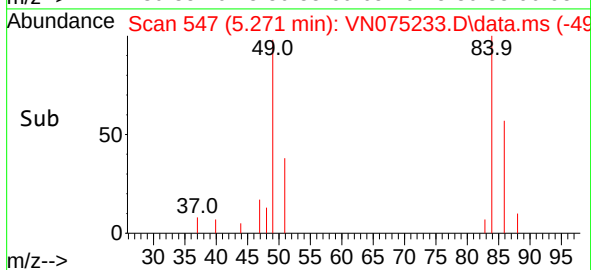
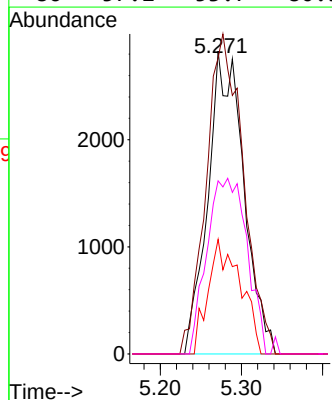
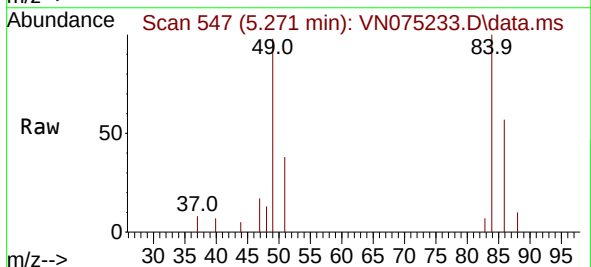
Instrument :  
MSVOA\_N  
ClientSampleId :  
360

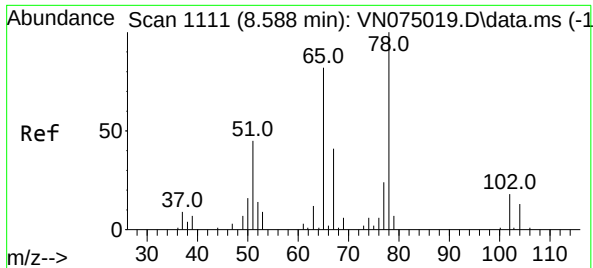
Tgt Ion: 43 Resp: 2482  
Ion Ratio Lower Upper  
43 100  
74 18.4 22.0 33.0#



#20  
Methylene Chloride  
Concen: 6.668 ug/l  
RT: 5.271 min Scan# 547  
Delta R.T. -0.012 min  
Lab File: VN075233.D  
Acq: 10 Nov 2022 14:34

Tgt Ion: 84 Resp: 8620  
Ion Ratio Lower Upper  
84 100  
49 97.7 94.9 142.3  
51 37.8 26.8 40.2  
86 57.2 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 55.335 ug/l

RT: 8.583 min Scan# 1111

Delta R.T. -0.005 min

Lab File: VN075233.D

Acq: 10 Nov 2022 14:34

Instrument :

MSVOA\_N

ClientSampleId :

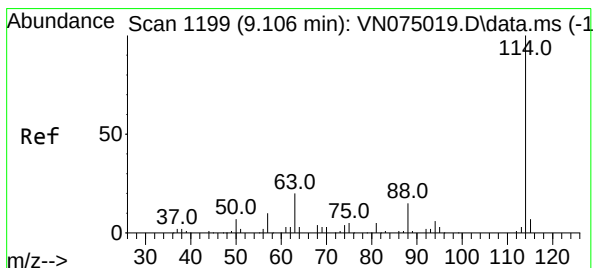
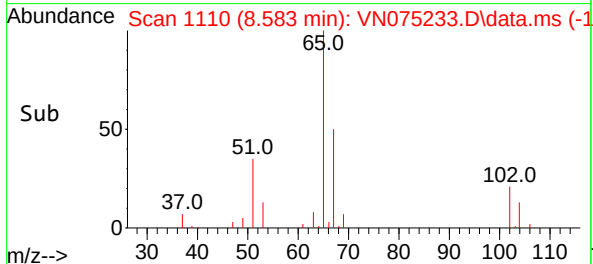
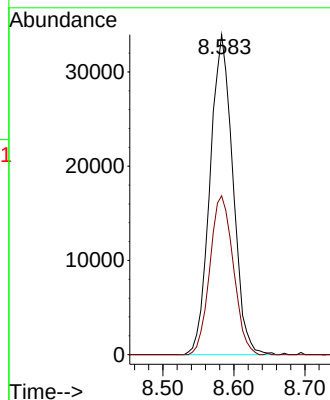
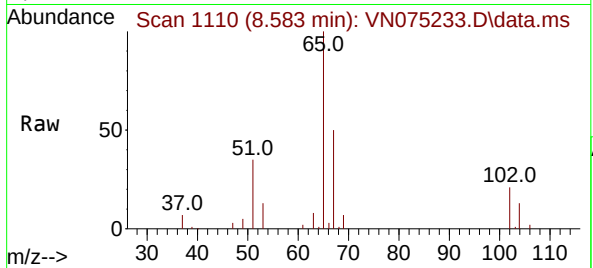
360

Tgt Ion: 65 Resp: 75769

Ion Ratio Lower Upper

65 100

67 51.0 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075233.D

Acq: 10 Nov 2022 14:34

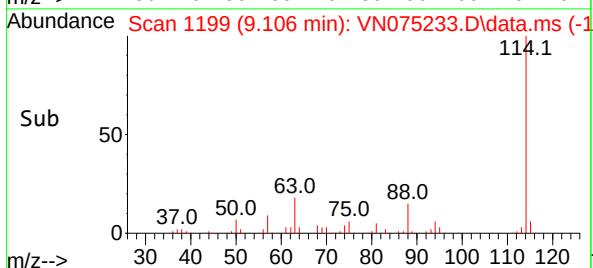
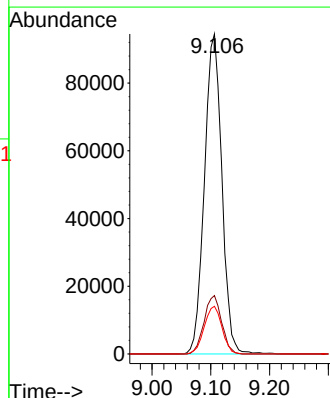
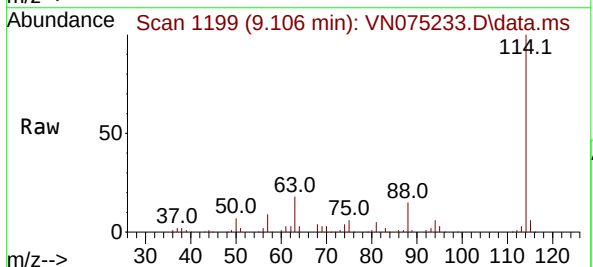
Tgt Ion: 114 Resp: 194542

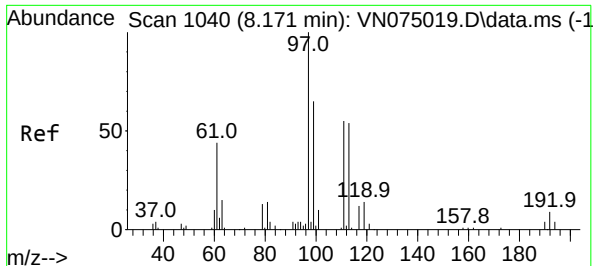
Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.6

88 14.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 54.425 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075233.D

Acq: 10 Nov 2022 14:34

Instrument :

MSVOA\_N

ClientSampleId :

360

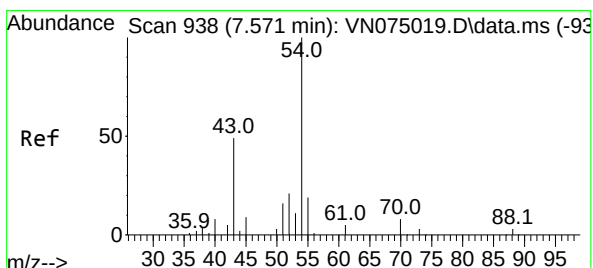
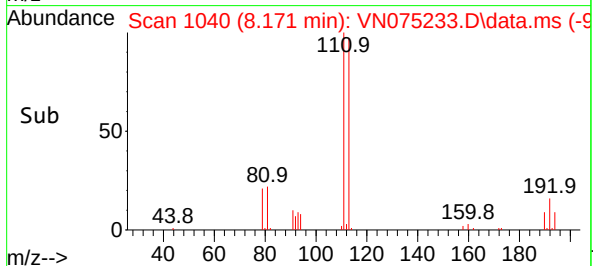
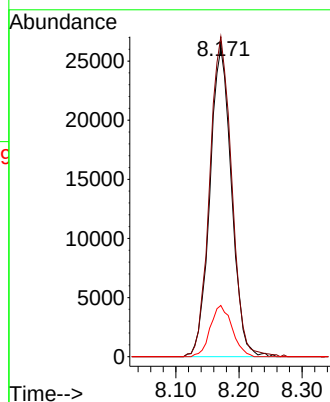
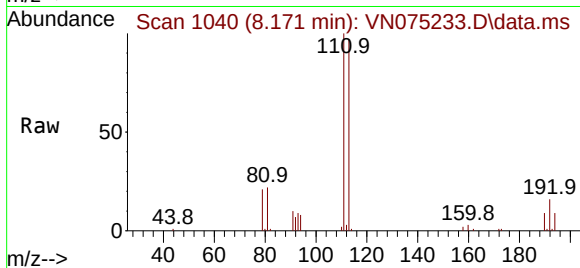
Tgt Ion:113 Resp: 62157

Ion Ratio Lower Upper

113 100

111 105.6 80.5 120.7

192 16.7 13.2 19.8



#37

Ethyl Acetate

Concen: 8.485 ug/l

RT: 7.571 min Scan# 938

Delta R.T. 0.000 min

Lab File: VN075233.D

Acq: 10 Nov 2022 14:34

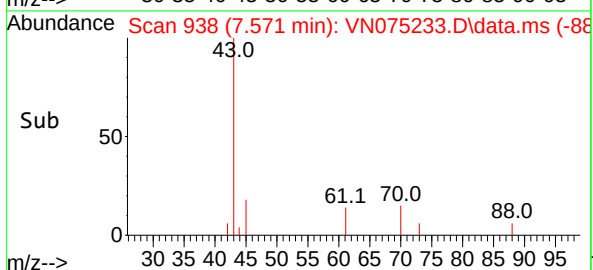
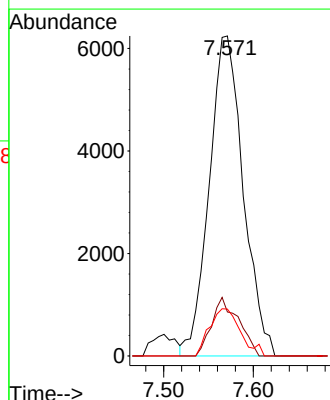
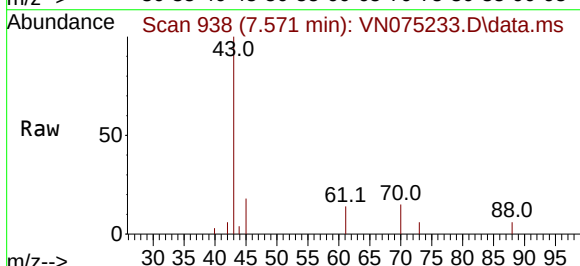
Tgt Ion: 43 Resp: 16452

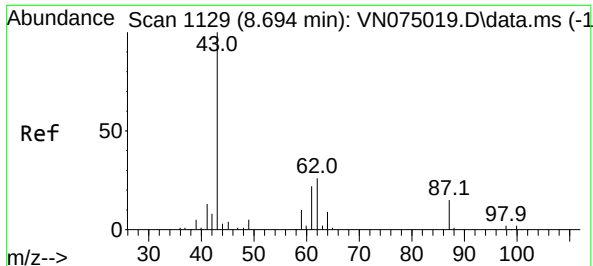
Ion Ratio Lower Upper

43 100

61 14.6 12.2 18.4

70 13.3 9.4 14.2

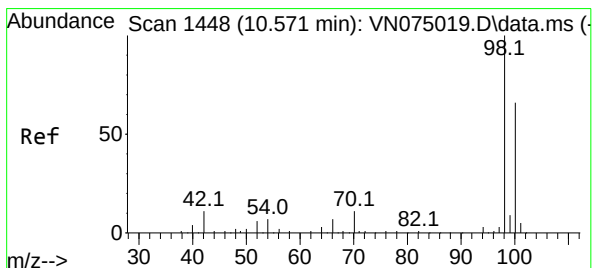
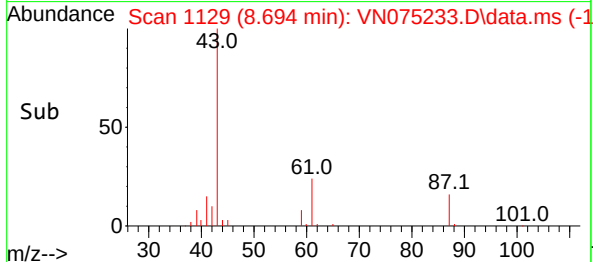
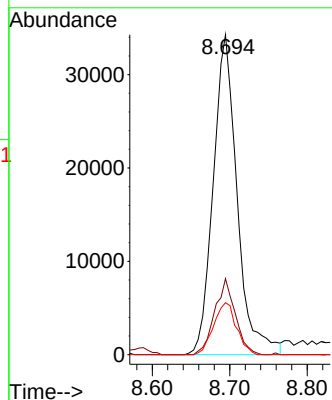
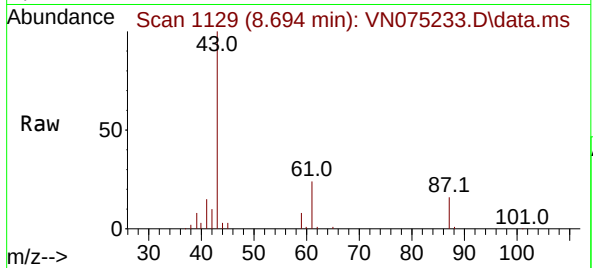




#43  
Isopropyl Acetate  
Concen: 24.467 ug/l  
RT: 8.694 min Scan# 1129  
Delta R.T. 0.000 min  
Lab File: VN075233.D  
Acq: 10 Nov 2022 14:34

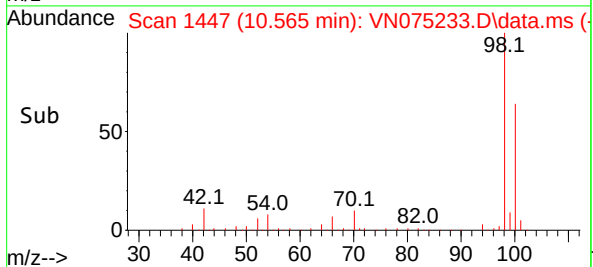
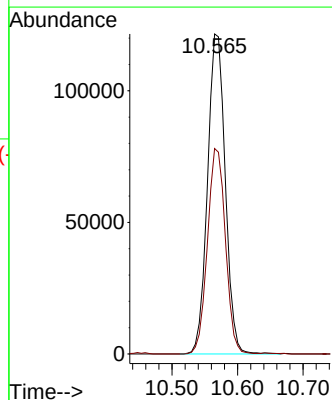
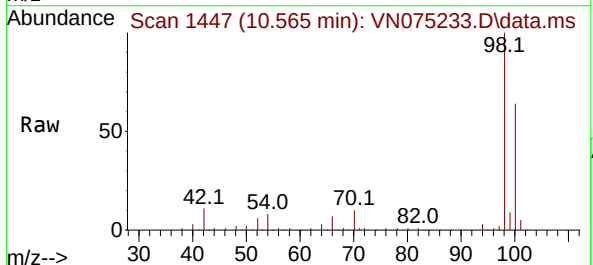
Instrument :  
MSVOA\_N  
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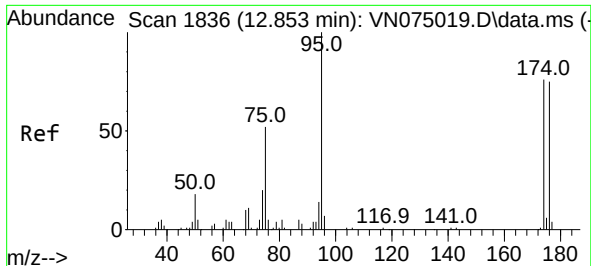
Tgt Ion: 43 Resp: 73589  
Ion Ratio Lower Upper  
43 100  
61 20.4 22.4 33.6#  
87 15.5 12.5 18.7



#50  
Toluene-d8  
Concen: 51.664 ug/l  
RT: 10.565 min Scan# 1447  
Delta R.T. -0.006 min  
Lab File: VN075233.D  
Acq: 10 Nov 2022 14:34

Tgt Ion: 98 Resp: 228919  
Ion Ratio Lower Upper  
98 100  
100 65.0 53.0 79.6

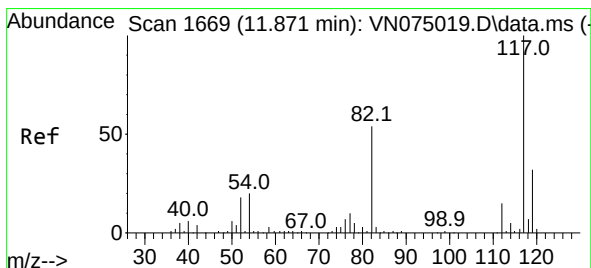
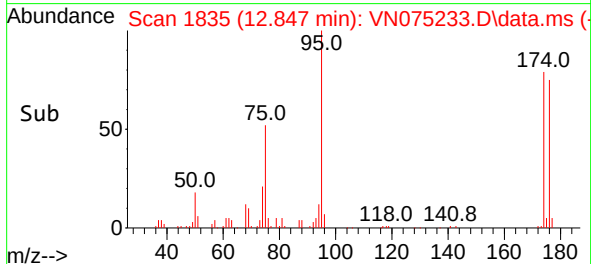
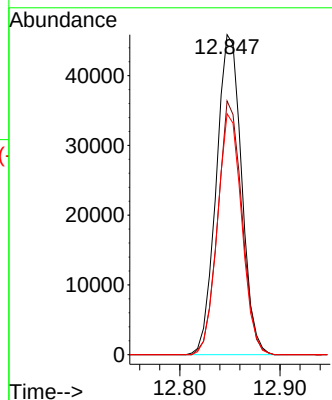
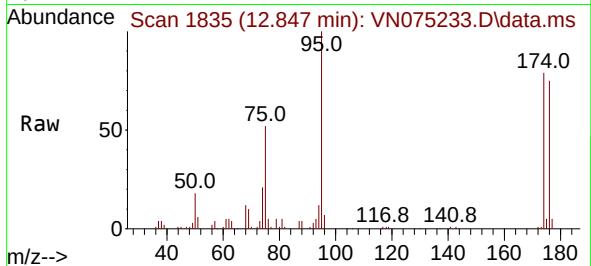




#62  
4-Bromofluorobenzene  
Concen: 51.575 ug/l  
RT: 12.847 min Scan# 1835  
Delta R.T. -0.006 min  
Lab File: VN075233.D  
Acq: 10 Nov 2022 14:34

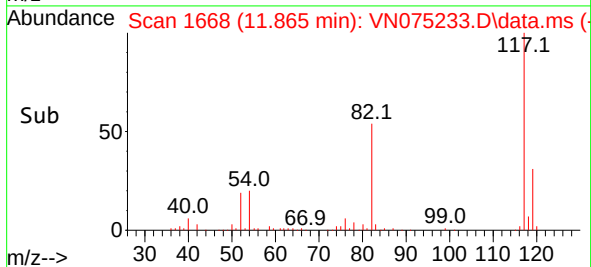
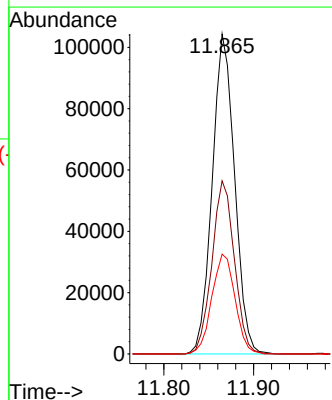
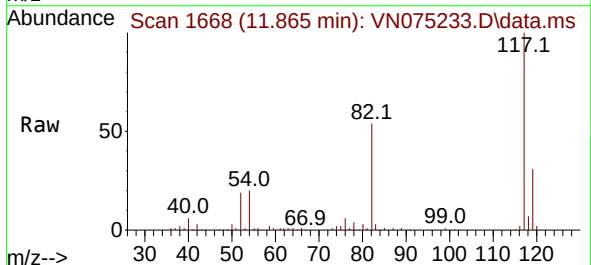
Instrument :  
MSVOA\_N  
ClientSampleId :  
360

Tgt Ion: 95 Resp: 80276  
Ion Ratio Lower Upper  
95 100  
174 75.9 0.0 147.4  
176 72.7 0.0 142.2

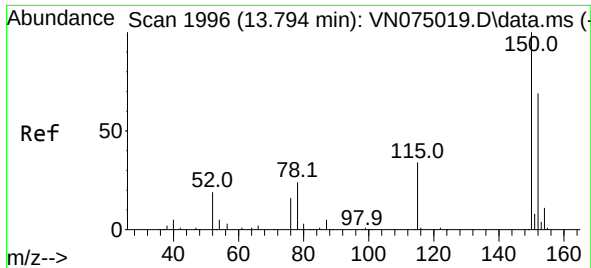


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1668  
Delta R.T. -0.006 min  
Lab File: VN075233.D  
Acq: 10 Nov 2022 14:34

Tgt Ion: 117 Resp: 180626  
Ion Ratio Lower Upper  
117 100  
82 54.1 43.1 64.7  
119 31.2 25.5 38.3







#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN075233.D

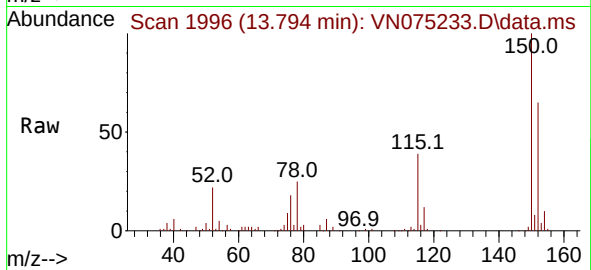
Acq: 10 Nov 2022 14:34

Instrument :

MSVOA\_N

ClientSampleId :

360



Tgt Ion:152 Resp: 76012

Ion Ratio Lower Upper

152 100

115 62.7 30.2 90.6

150 156.6 0.0 348.4

