

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111220\  
 Data File : VN064591.D  
 Acq On : 12 Nov 2020 19:15  
 Operator : JC/MD  
 Sample : L4701-20  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TRANSFORMER-5-3-BOTTOM

Quant Time: Nov 13 03:54:33 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N110420W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 04 12:09:03 2020  
 Response via : Initial Calibration

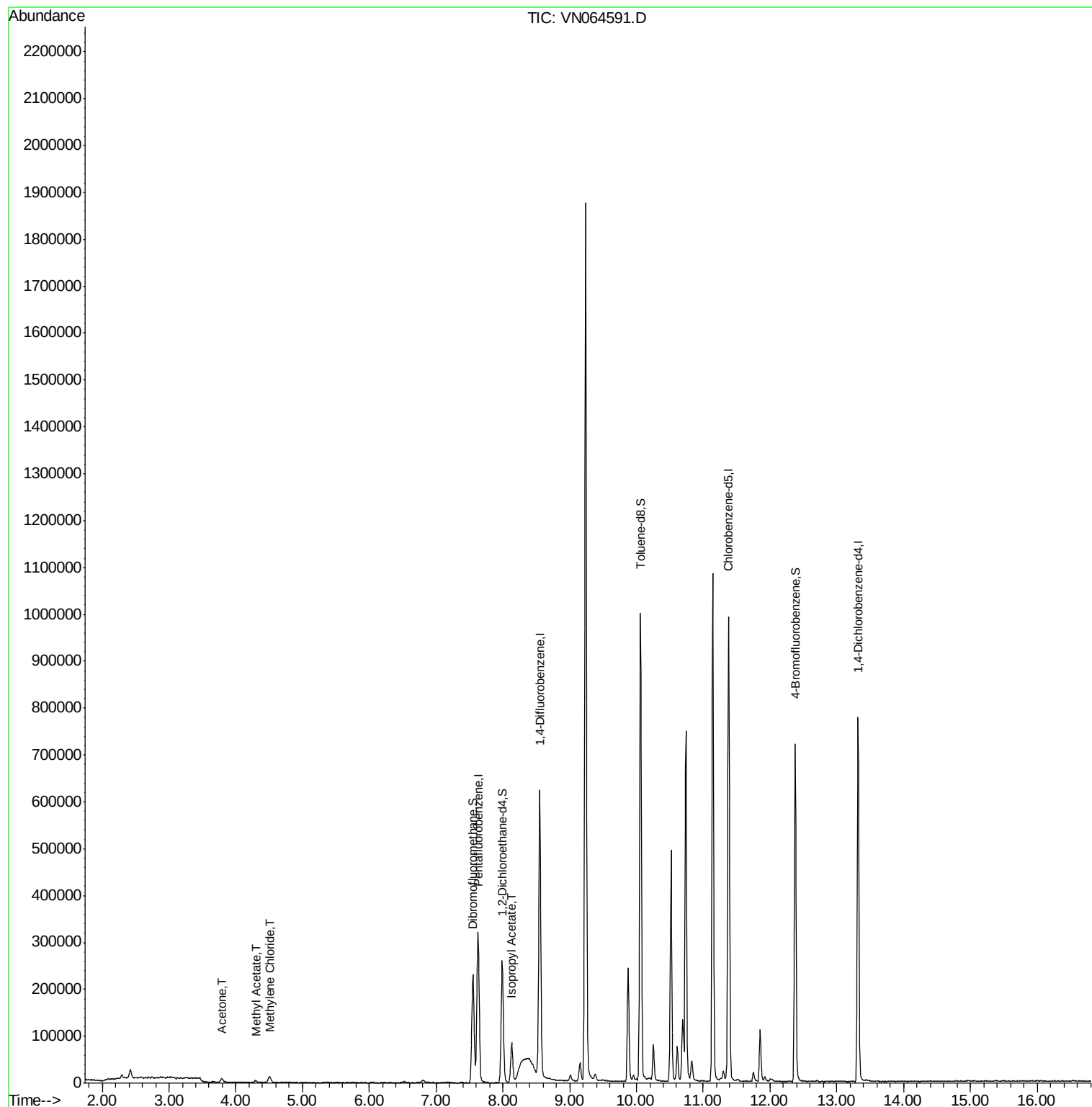
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.63  | 168  | 226548   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.55  | 114  | 496672   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.38 | 117  | 538076   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.32 | 152  | 190737   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 7.99  | 65   | 235540   | 59.69  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 119.38% |          |
| 35) Dibromofluoromethane    | 7.55  | 113  | 174060   | 51.47  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 102.94% |          |
| 50) Toluene-d8              | 10.06 | 98   | 657531   | 50.31  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 100.62% |          |
| 62) 4-Bromofluorobenzene    | 12.38 | 95   | 245875   | 49.74  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 99.48%  |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 3.79  | 43   | 14948    | 9.944  | ug/l    | 92       |
| 18) Methyl Acetate          | 4.29  | 43   | 7274     | 2.461  | ug/l #  | 88       |
| 20) Methylene Chloride      | 4.50  | 84   | 9484     | 3.180  | ug/l #  | 69       |
| 43) Isopropyl Acetate       | 8.13  | 43   | 100077   | 11.769 | ug/l    | 99       |

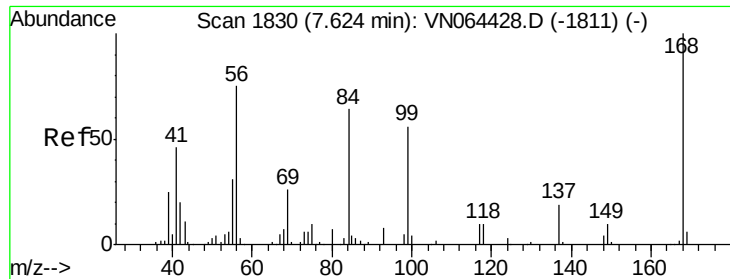
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111220\  
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TRANSFORMER-5-3-BOTTOM

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N110420W.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 04 12:09:03 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN064591.D

Acq: 12 Nov 2020 19:15

Instrument :

MSVOA\_N

ClientSampleId :

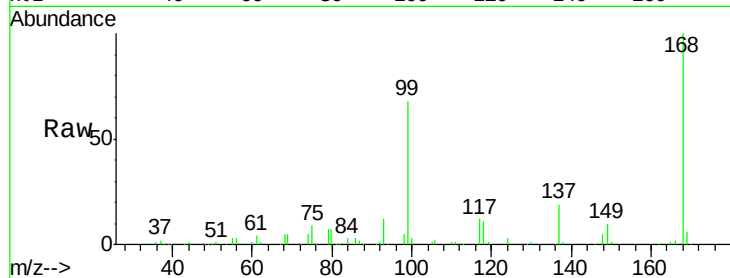
TRANSFORMER-5-3-BOTTOM

Tot Ion:168 Resp: 226548

Ion Ratio Lower Upper

168 100

99 67.8 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

100000

80000

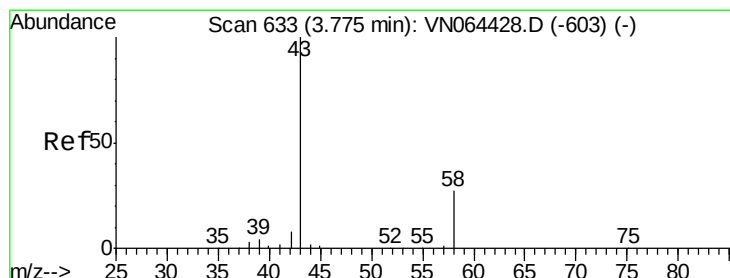
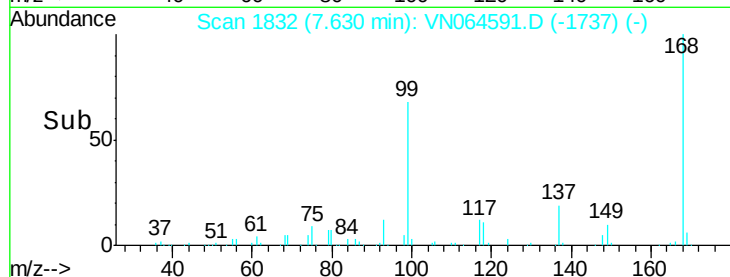
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 9.944 ug/l

RT: 3.79 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN064591.D

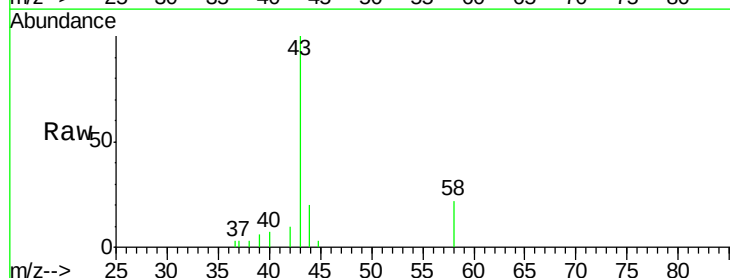
Acq: 12 Nov 2020 19:15

Tgt Ion: 43 Resp: 14948

Ion Ratio Lower Upper

43 100

58 22.3 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.79

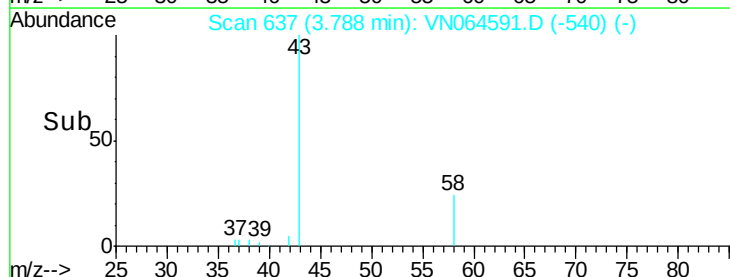
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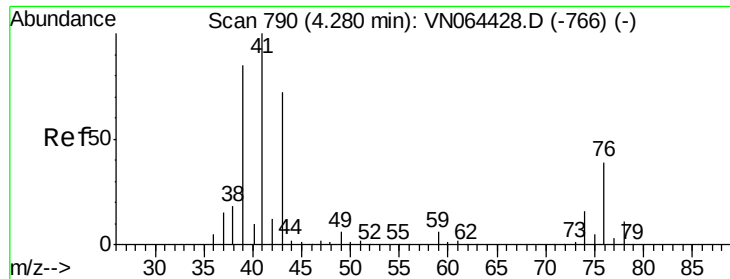
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2000

0

Time-->

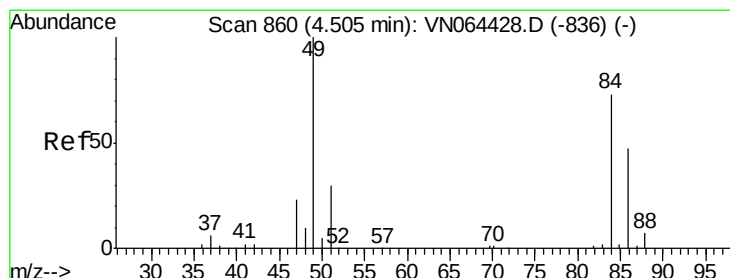
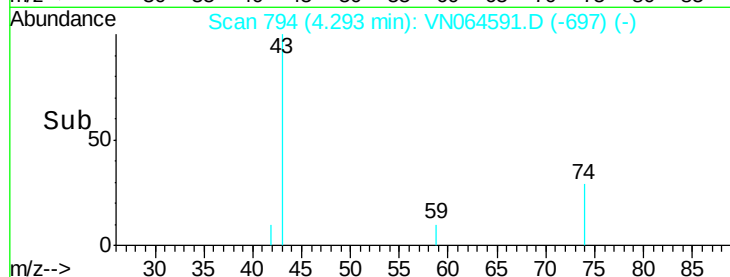
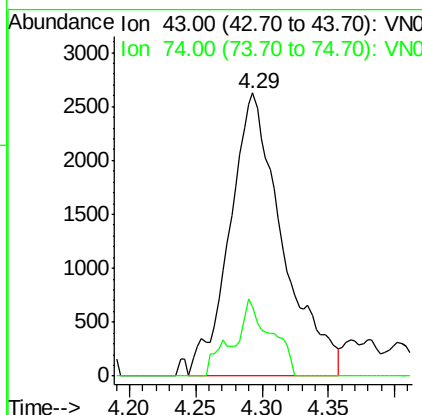
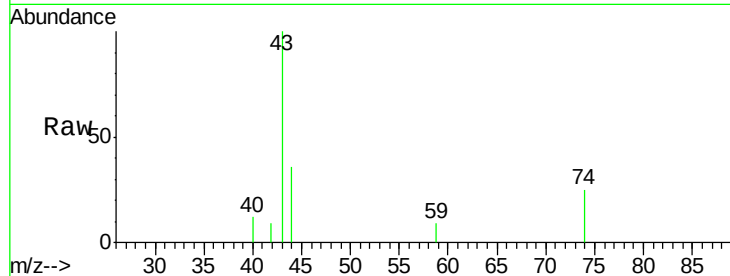




#18  
Methyl Acetate  
Concen: 2.461 ug/l  
RT: 4.29 min Scan# 794  
Delta R.T. 0.01 min  
Lab File: VN064591.D  
Acq: 12 Nov 2020 19:15

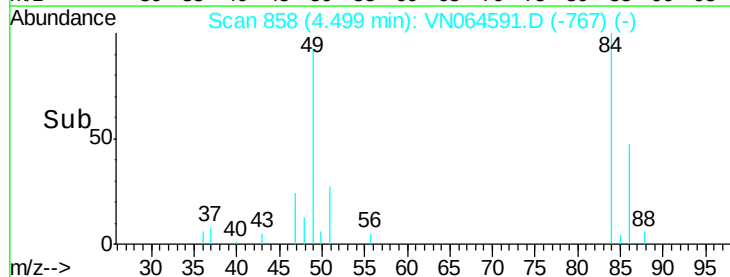
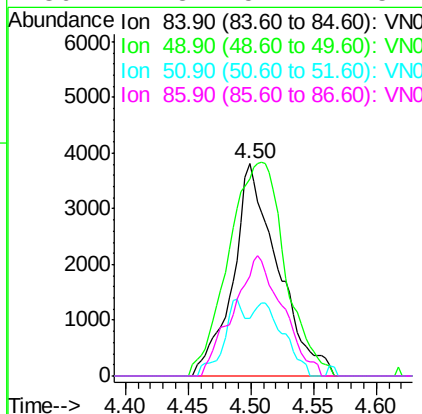
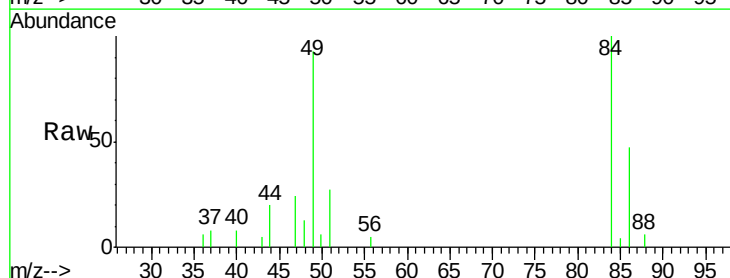
Instrument :  
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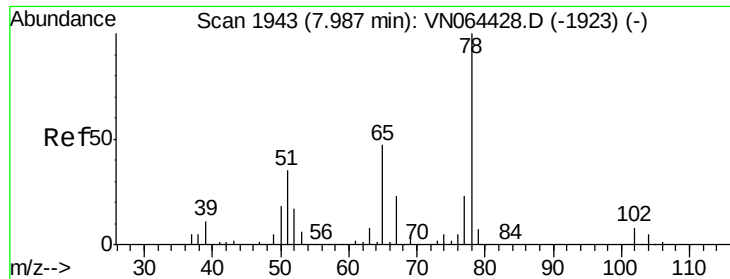
Tot Ion: 43 Resp: 7274  
Ion Ratio Lower Upper  
43 100  
74 15.3 17.0 25.4#



#20  
Methylene Chloride  
Concen: 3.180 ug/l  
RT: 4.50 min Scan# 858  
Delta R.T. -0.01 min  
Lab File: VN064591.D  
Acq: 12 Nov 2020 19:15

Tgt Ion: 84 Resp: 9484  
Ion Ratio Lower Upper  
84 100  
49 92.8 110.1 165.1#  
51 27.1 33.6 50.4#  
86 47.3 52.1 78.1#

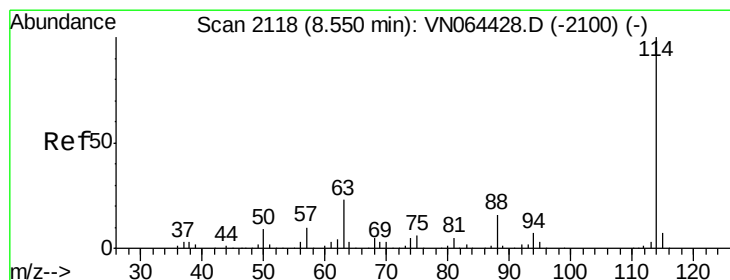
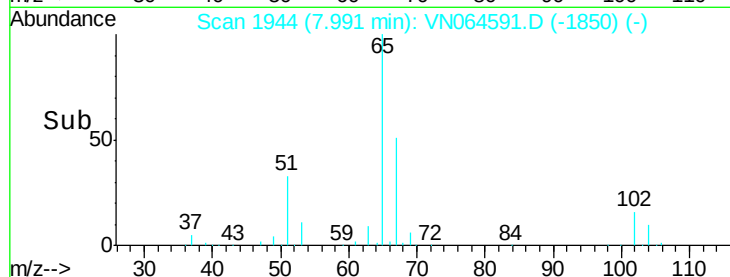
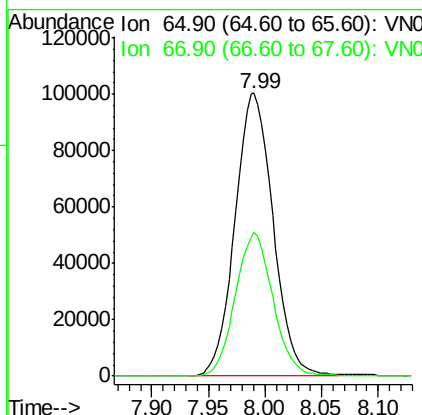
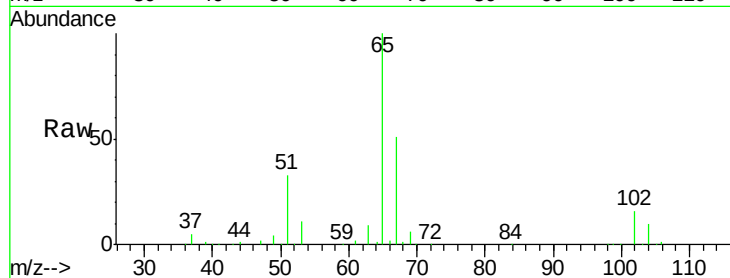




#33  
 1,2-Dichloroethane-d4  
 Concen: 59.689 ug/l  
 RT: 7.99 min Scan# 1944  
 Delta R.T. 0.00 min  
 Lab File: VN064591.D  
 Acq: 12 Nov 2020 19:15

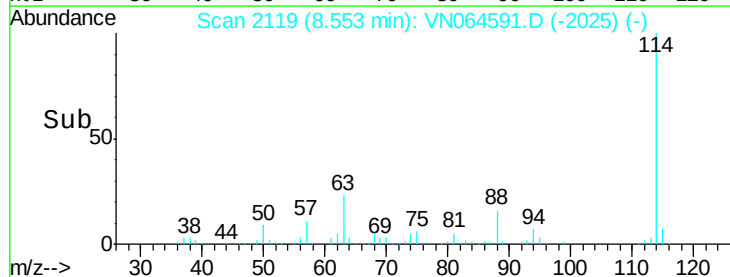
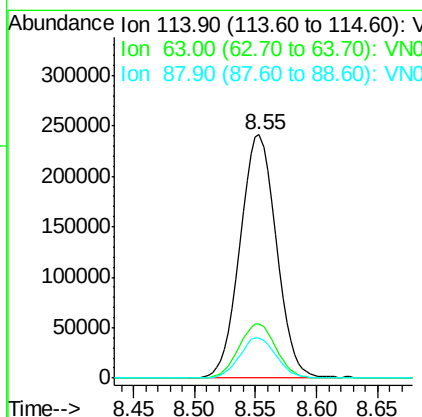
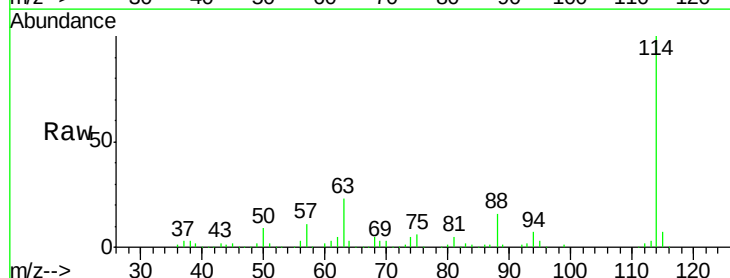
Instrument :  
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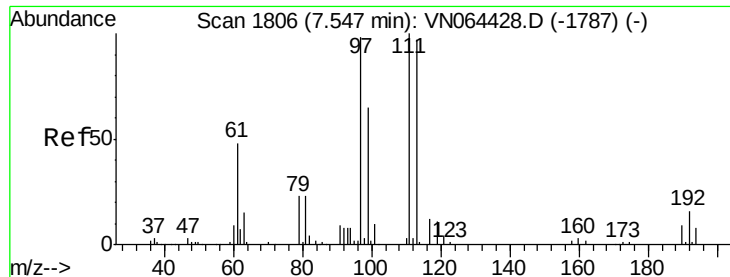
Tot Ion: 65 Resp: 235540  
 Ion Ratio Lower Upper  
 65 100  
 67 50.1 0.0 101.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2119  
 Delta R.T. 0.00 min  
 Lab File: VN064591.D  
 Acq: 12 Nov 2020 19:15

Tgt Ion: 114 Resp: 496672  
 Ion Ratio Lower Upper  
 114 100  
 63 22.5 0.0 45.6  
 88 16.3 0.0 32.8

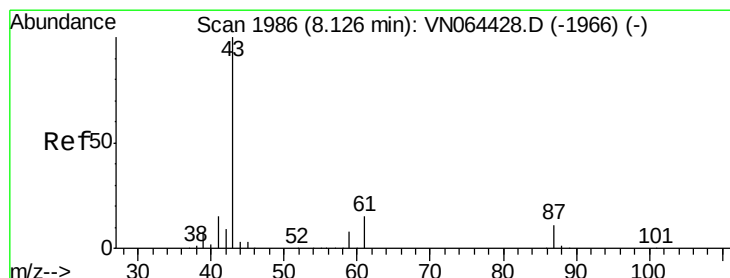
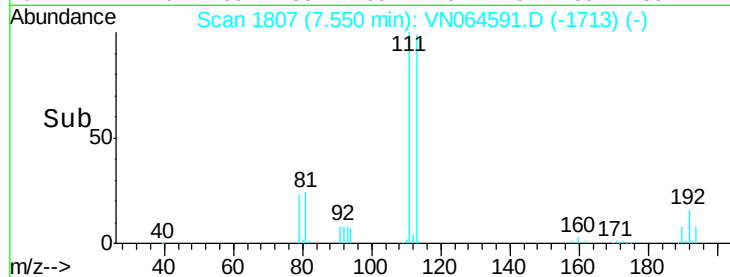
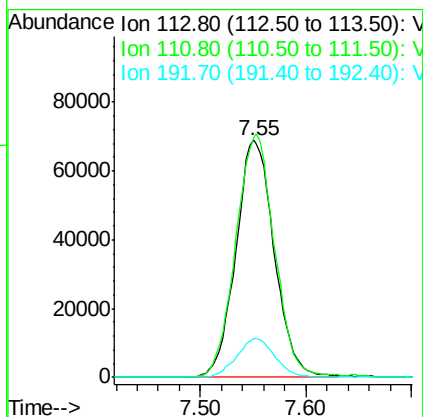
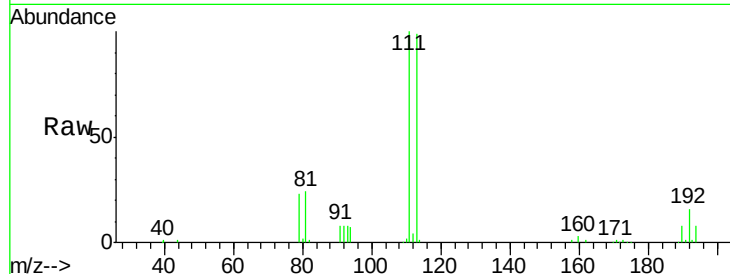




#35  
 Dibromofluoromethane  
 Concen: 51.472 ug/l  
 RT: 7.55 min Scan# 1807  
 Delta R.T. 0.00 min  
 Lab File: VN064591.D  
 Acq: 12 Nov 2020 19:15

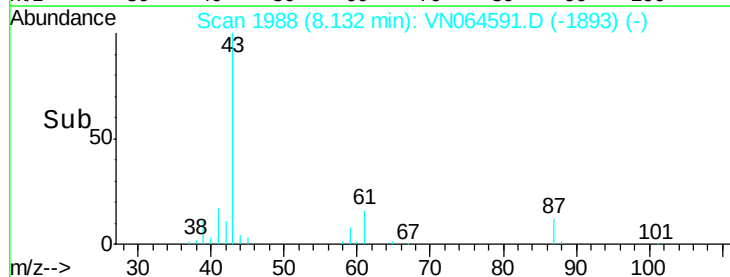
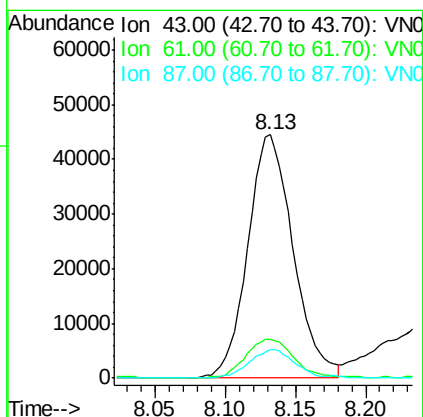
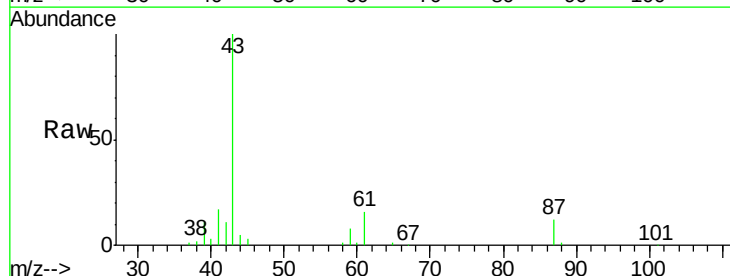
Instrument :  
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 TRANSFORMER-5-3-BOTTOM

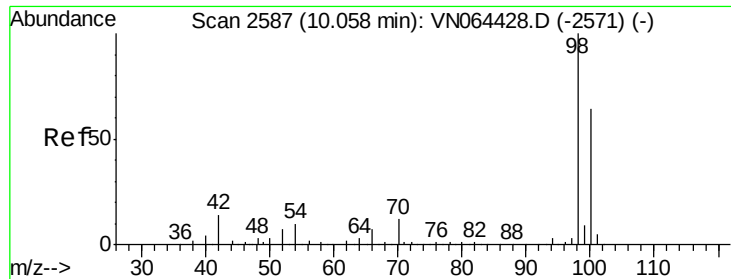
Tot Ion:113 Resp: 174060  
 Ion Ratio Lower Upper  
 113 100  
 111 103.9 81.1 121.7  
 192 16.3 12.8 19.2



#43  
 Isopropyl Acetate  
 Concen: 11.769 ug/l  
 RT: 8.13 min Scan# 1988  
 Delta R.T. 0.01 min  
 Lab File: VN064591.D  
 Acq: 12 Nov 2020 19:15

Tgt Ion: 43 Resp: 100077  
 Ion Ratio Lower Upper  
 43 100  
 61 17.1 14.0 21.0  
 87 11.6 9.1 13.7

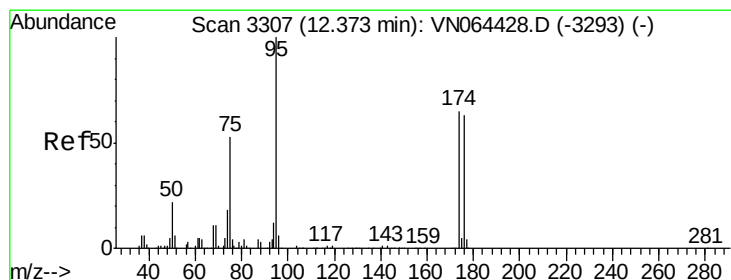
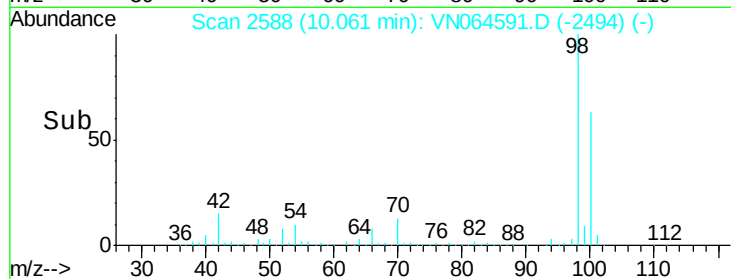
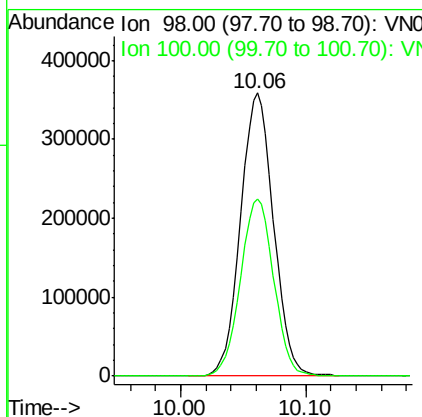
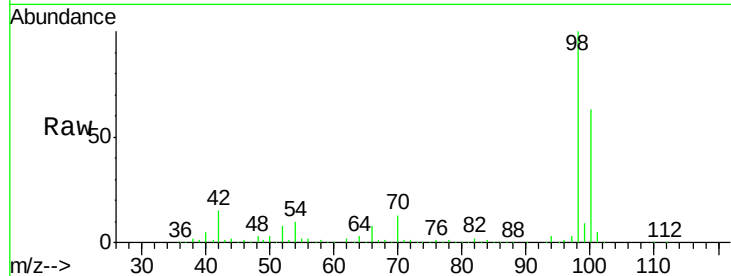




#50  
Toluene-d8  
Concen: 50.308 ug/l  
RT: 10.06 min Scan# 2588  
Delta R.T. 0.00 min  
Lab File: VN064591.D  
Acq: 12 Nov 2020 19:15

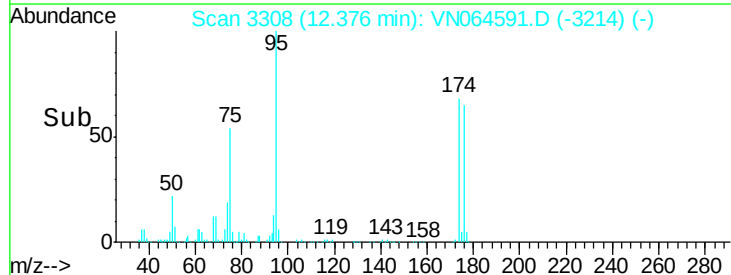
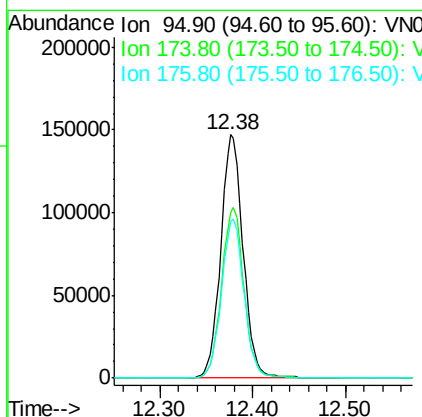
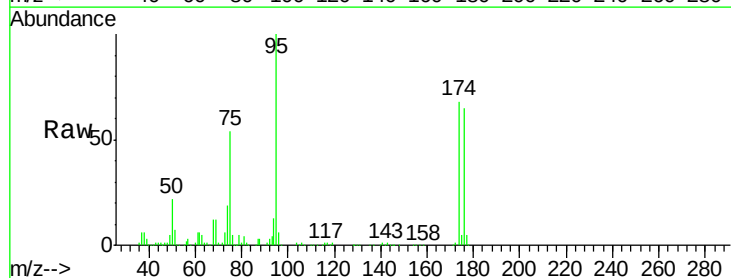
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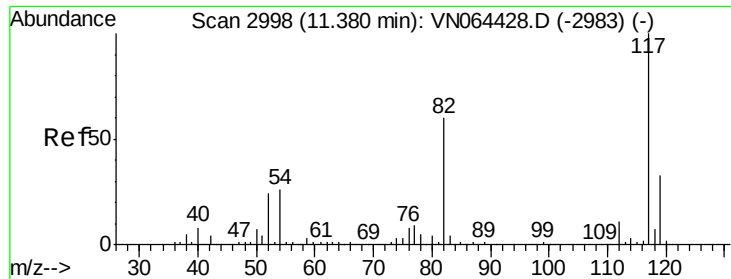
Tot Ion: 98 Resp: 657531  
Ion Ratio Lower Upper  
98 100  
100 62.9 50.7 76.1



#62  
4-Bromofluorobenzene  
Concen: 49.743 ug/l  
RT: 12.38 min Scan# 3308  
Delta R.T. 0.00 min  
Lab File: VN064591.D  
Acq: 12 Nov 2020 19:15

Tgt Ion: 95 Resp: 245875  
Ion Ratio Lower Upper  
95 100  
174 70.4 0.0 132.6  
176 66.0 0.0 129.2

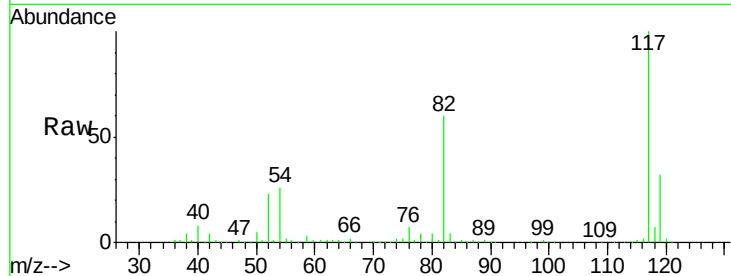




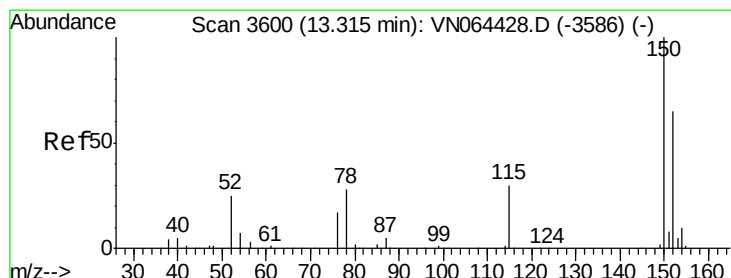
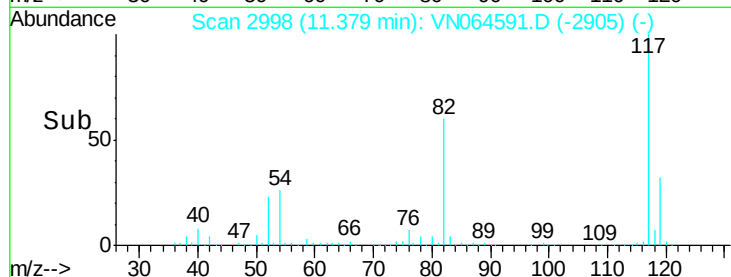
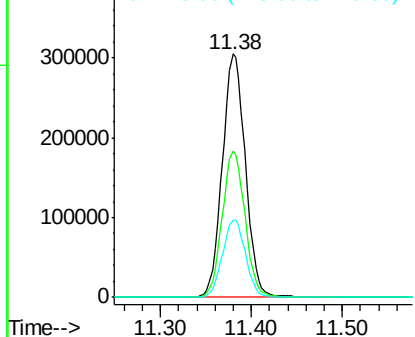
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2998  
Delta R.T. -0.00 min  
Lab File: VN064591.D  
Acq: 12 Nov 2020 19:15

Instrument :  
MSVOA\_N  
ClientSampleId :  
TRANSFORMER-5-3-BOTTOM

Tot Ion:117 Resp: 538076  
Ion Ratio Lower Upper  
117 100  
82 60.1 48.1 72.1  
119 31.7 26.2 39.4

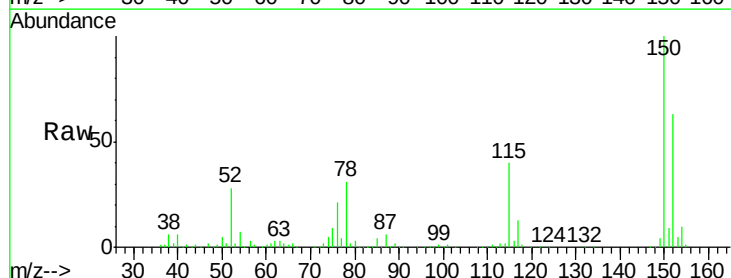


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.32 min Scan# 3601  
Delta R.T. 0.00 min  
Lab File: VN064591.D  
Acq: 12 Nov 2020 19:15

Tgt Ion:152 Resp: 190737  
Ion Ratio Lower Upper  
152 100  
115 64.3 32.0 96.0  
150 156.5 0.0 353.8



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V

