

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101520\  
 Data File : VN064143.D  
 Acq On : 15 Oct 2020 15:07  
 Operator : JC/MD  
 Sample : L4381-13 50X  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 DRUM-COMP

Quant Time: Oct 16 03:06:07 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N101420W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 15 01:16:44 2020  
 Response via : Initial Calibration

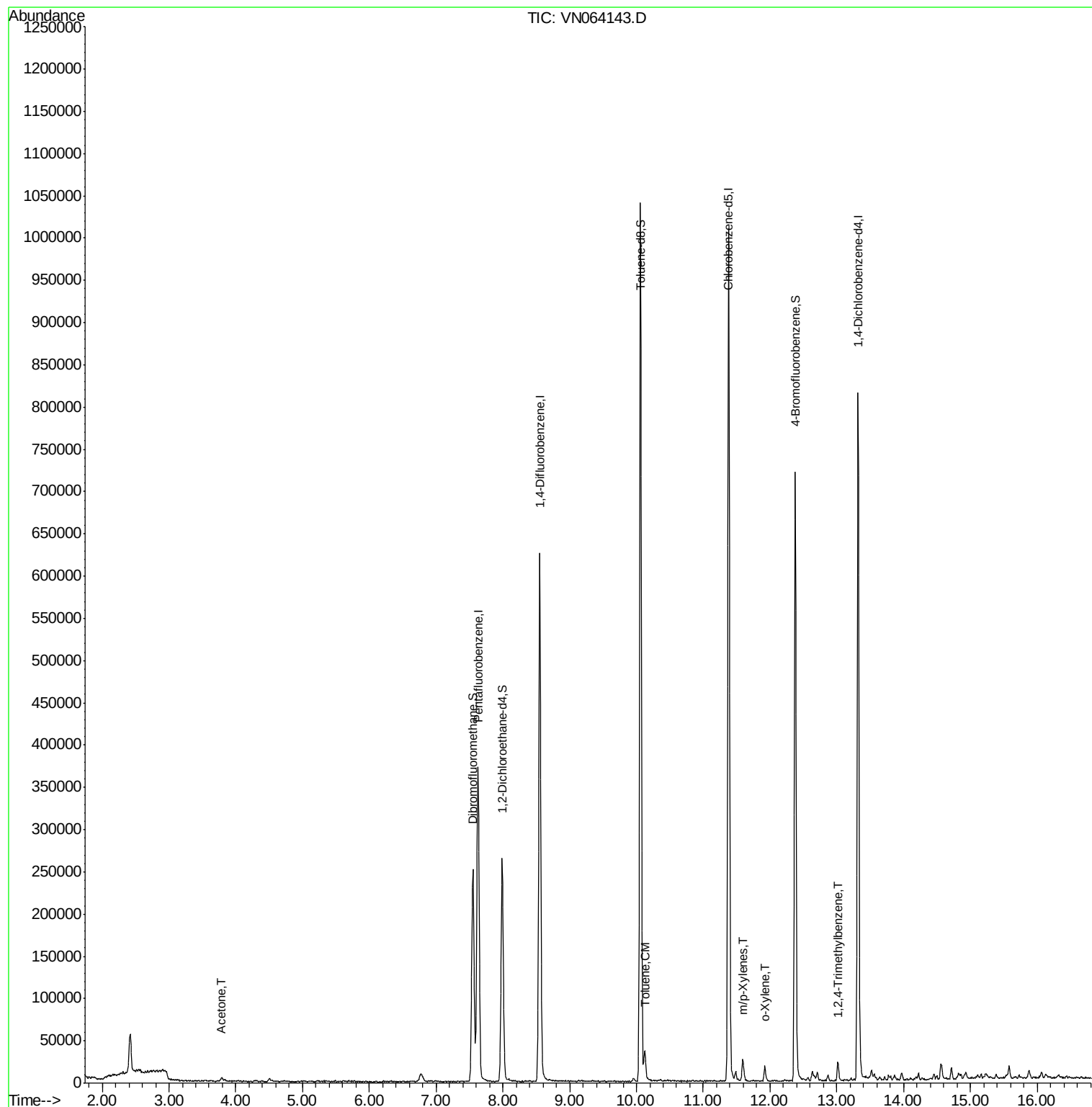
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 1) Pentafluorobenzene       | 7.63  | 168  | 294357   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.55  | 114  | 553594   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.38 | 117  | 590877   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.32 | 152  | 217966   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 7.99  | 65   | 230835   | 55.06 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 110.12% |          |
| 35) Dibromofluoromethane    | 7.55  | 113  | 193970   | 50.62 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 101.24% |          |
| 50) Toluene-d8              | 10.06 | 98   | 720529   | 49.84 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 99.68%  |          |
| 62) 4-Bromofluorobenzene    | 12.38 | 95   | 250892   | 50.49 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 100.98% |          |
| Target Compounds            |       |      |          |       |         |          |
| 16) Acetone                 | 3.78  | 43   | 6780     | 5.452 | ug/l #  | 74       |
| 52) Toluene                 | 10.13 | 92   | 12658    | 1.275 | ug/l    | 96       |
| 68) m/p-Xylenes             | 11.59 | 106  | 7731     | 3.072 | ug/l    | 92       |
| 69) o-Xylene                | 11.92 | 106  | 4089     | 2.064 | ug/l    | 94       |
| 84) 1,2,4-Trimethylbenzene  | 13.02 | 105  | 11653    | 1.063 | ug/l    | 96       |

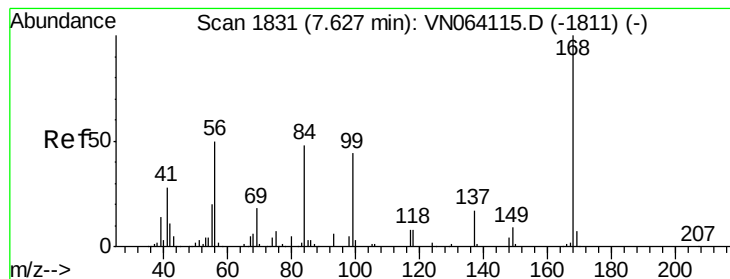
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101520\  
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ClientSampleId :  
DRUM-COMP

Quant Time: Oct 16 03:06:07 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N101420W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 15 01:16:44 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064143.D

Acq: 15 Oct 2020 15:07

Instrument :

MSVOA\_N

ClientSampleId :

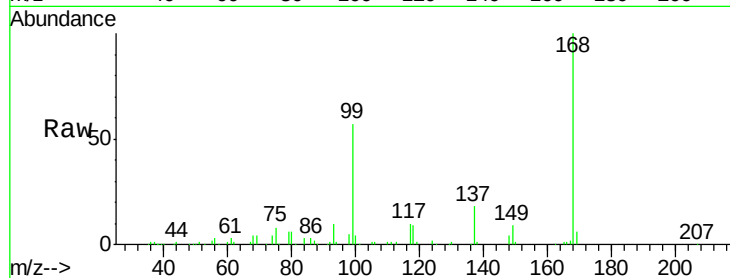
DRUM-COMP

Tot Ion:168 Resp: 294357

Ion Ratio Lower Upper

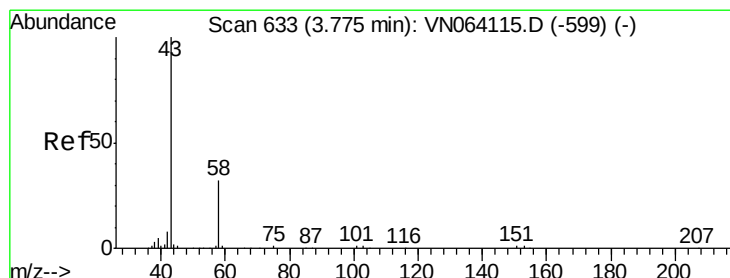
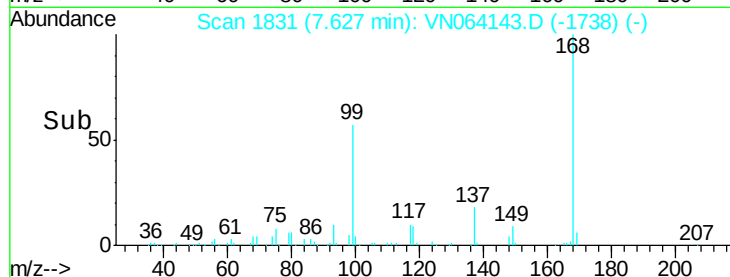
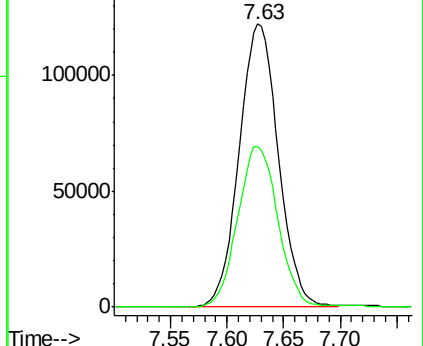
168 100

99 56.8 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 5.452 ug/l

RT: 3.78 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN064143.D

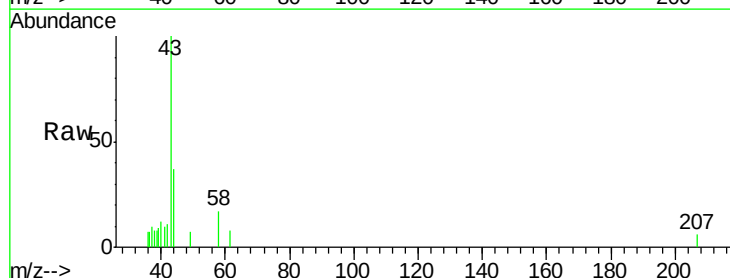
Acq: 15 Oct 2020 15:07

Tgt Ion: 43 Resp: 6780

Ion Ratio Lower Upper

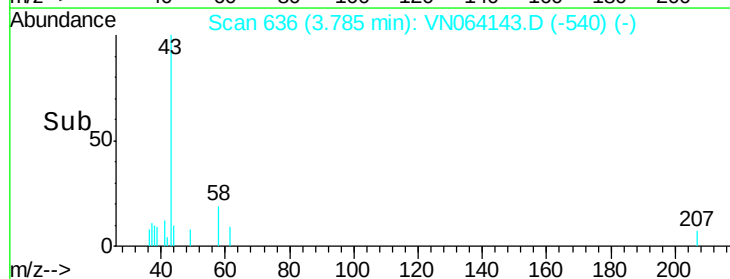
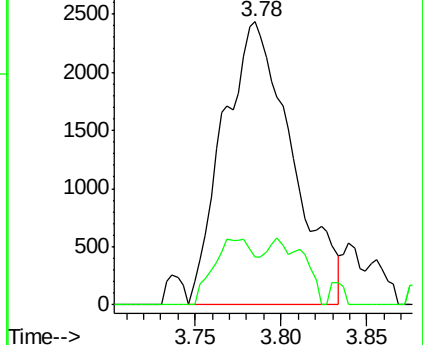
43 100

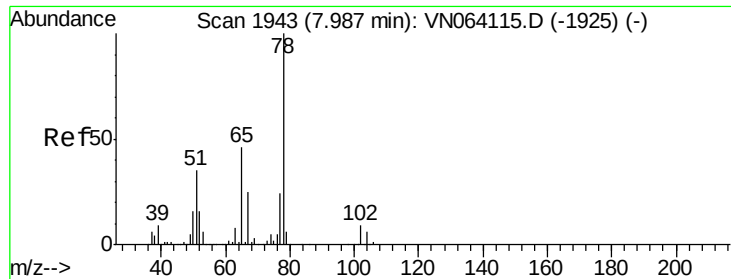
58 16.9 25.2 37.8#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

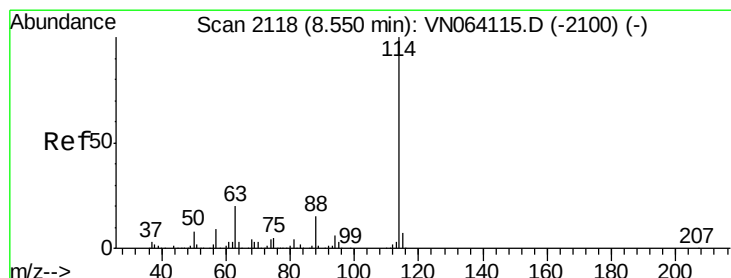
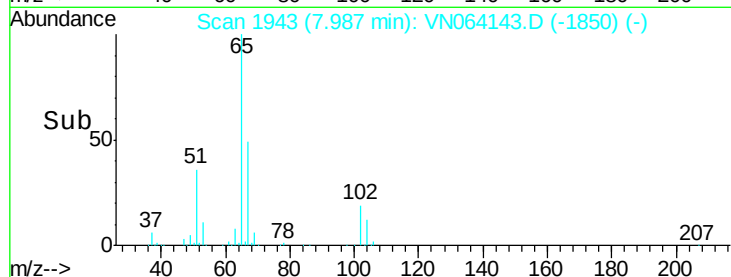
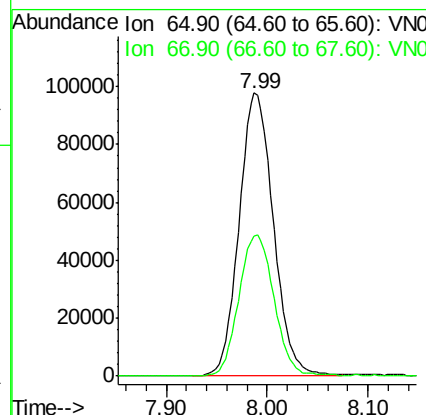
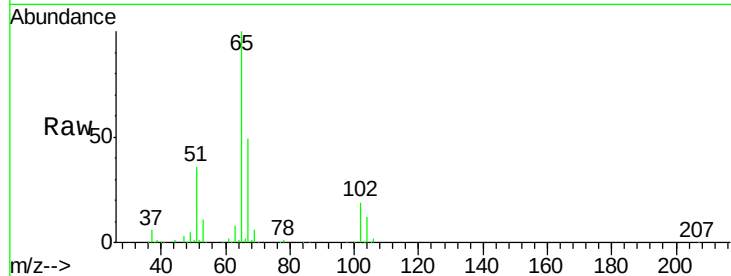




#33  
 1,2-Dichloroethane-d4  
 Concen: 55.062 ug/l  
 RT: 7.99 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VN064143.D  
 Acq: 15 Oct 2020 15:07

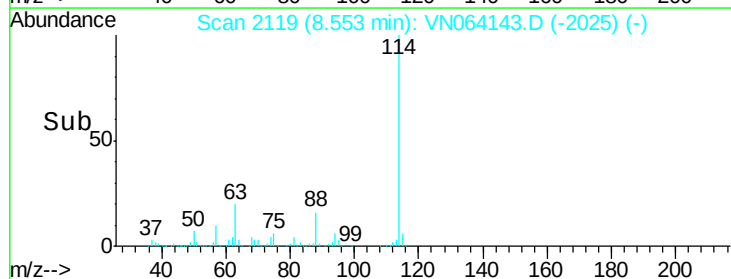
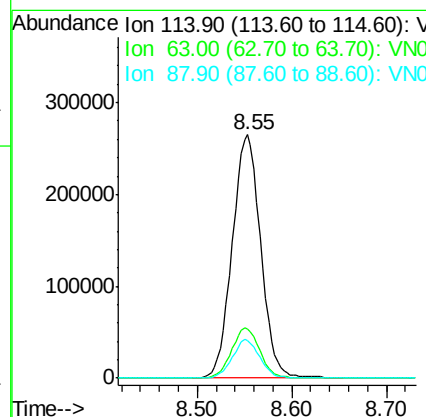
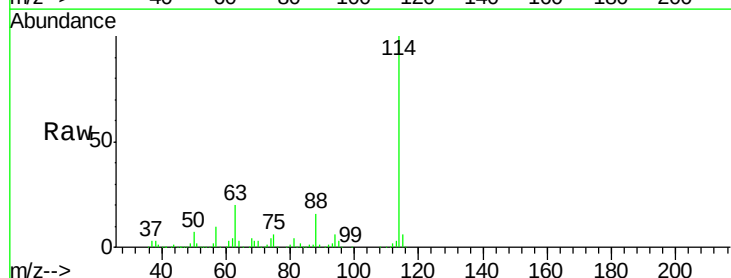
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 DRUM-COMP

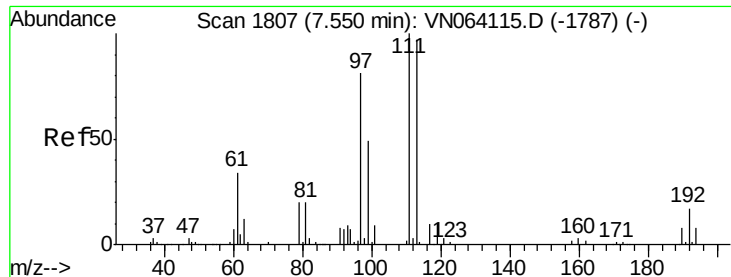
Tot Ion: 65 Resp: 230835  
 Ion Ratio Lower Upper  
 65 100  
 67 51.0 0.0 105.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2119  
 Delta R.T. 0.00 min  
 Lab File: VN064143.D  
 Acq: 15 Oct 2020 15:07

Tgt Ion: 114 Resp: 553594  
 Ion Ratio Lower Upper  
 114 100  
 63 20.4 0.0 41.0  
 88 15.5 0.0 29.2

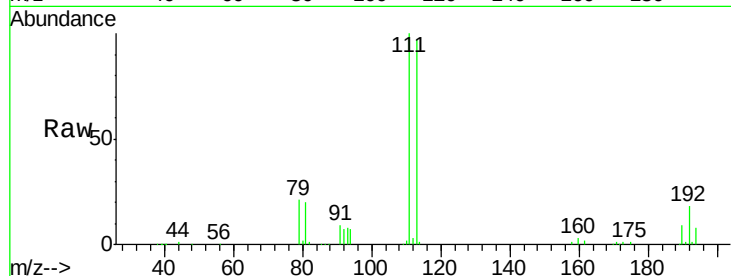




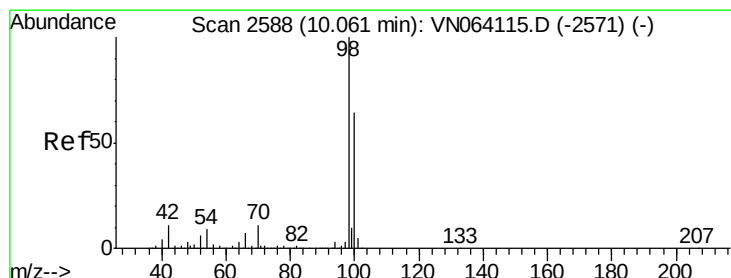
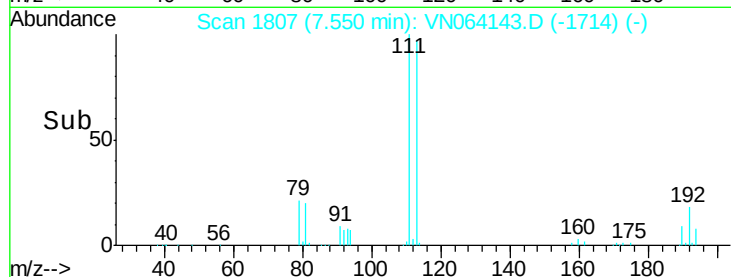
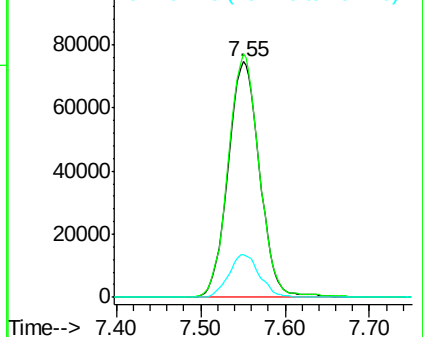
#35  
Dibromofluoromethane  
Concen: 50.622 ug/l  
RT: 7.55 min Scan# 1807  
Delta R.T. 0.00 min  
Lab File: VN064143.D  
Acq: 15 Oct 2020 15:07

Instrument :  
MSVOA\_N  
ClientSampleId :  
DRUM-COMP

Tot Ion:113 Resp: 193970  
Ion Ratio Lower Upper  
113 100  
111 101.0 81.9 122.9  
192 17.8 14.3 21.5

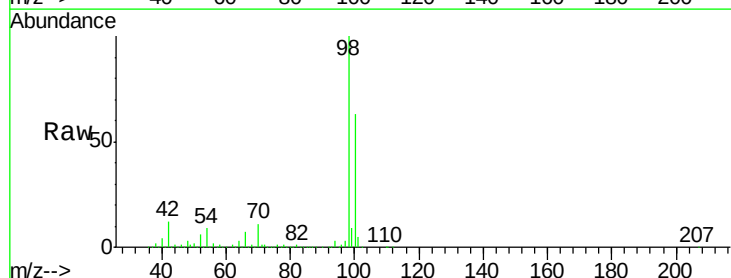


Abundance Ion 112.80 (112.50 to 113.50): V  
Ion 110.80 (110.50 to 111.50): V  
Ion 191.70 (191.40 to 192.40): V

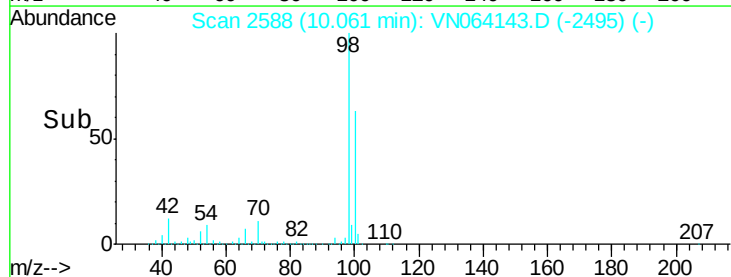
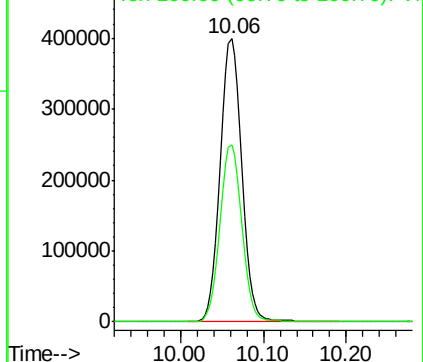


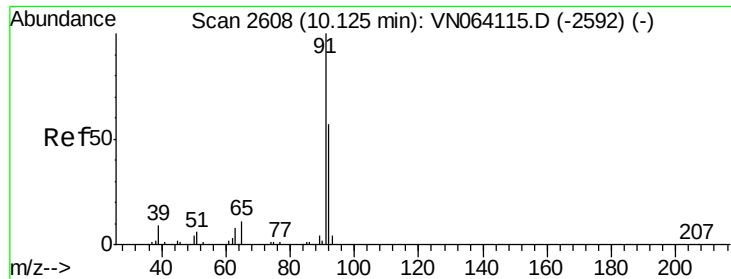
#50  
Toluene-d8  
Concen: 49.837 ug/l  
RT: 10.06 min Scan# 2588  
Delta R.T. 0.00 min  
Lab File: VN064143.D  
Acq: 15 Oct 2020 15:07

Tgt Ion: 98 Resp: 720529  
Ion Ratio Lower Upper  
98 100  
100 63.1 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VN  
Ion 100.00 (99.70 to 100.70): VN





#52

Toluene

Concen: 1.275 ug/l

RT: 10.13 min Scan# 2609

Delta R.T. 0.00 min

Lab File: VN064143.D

Acq: 15 Oct 2020 15:07

Instrument :

MSVOA\_N

ClientSampled :

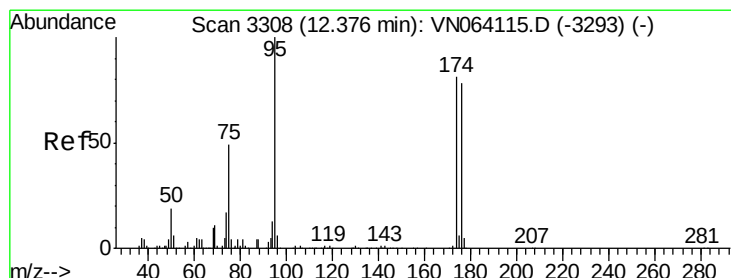
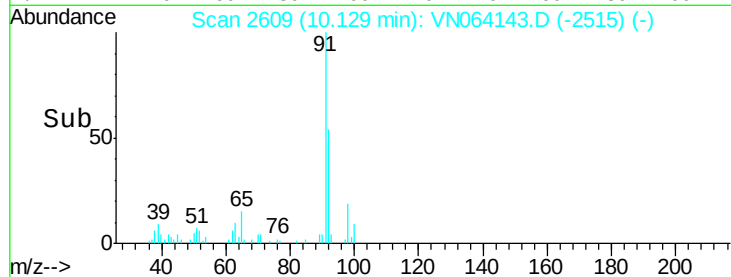
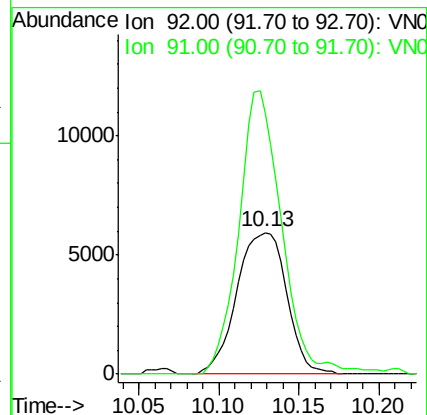
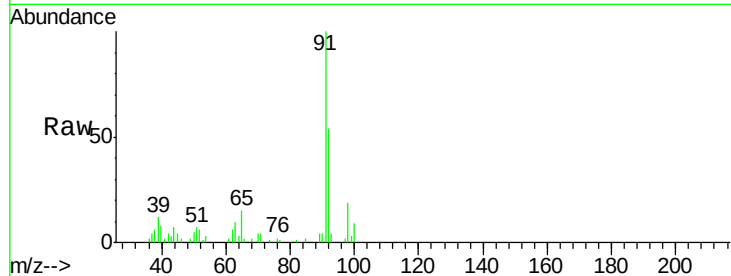
DRUM-COMP

Tot Ion: 92 Resp: 12658

Ion Ratio Lower Upper

92 100

91 171.6 141.2 211.8



#62

4-Bromofluorobenzene

Concen: 50.487 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064143.D

Acq: 15 Oct 2020 15:07

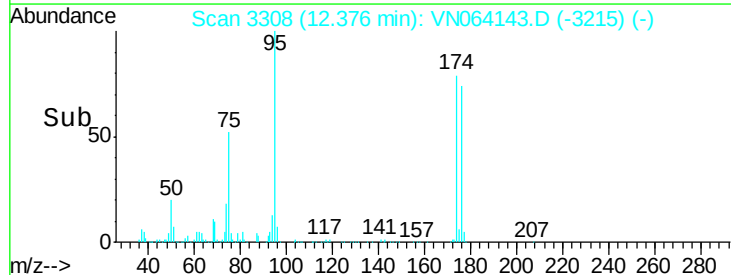
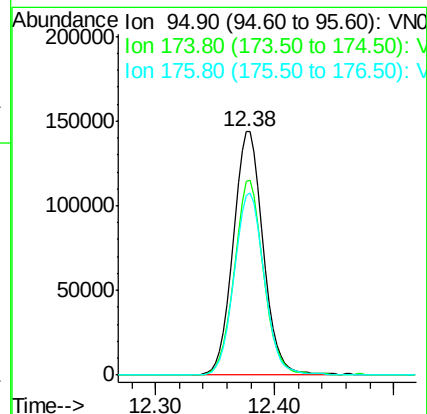
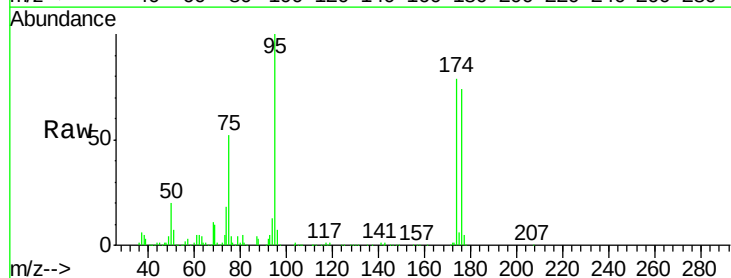
Tgt Ion: 95 Resp: 250892

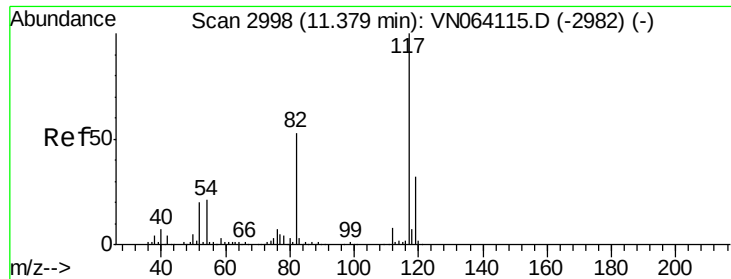
Ion Ratio Lower Upper

95 100

174 78.2 0.0 164.8

176 75.0 0.0 157.8

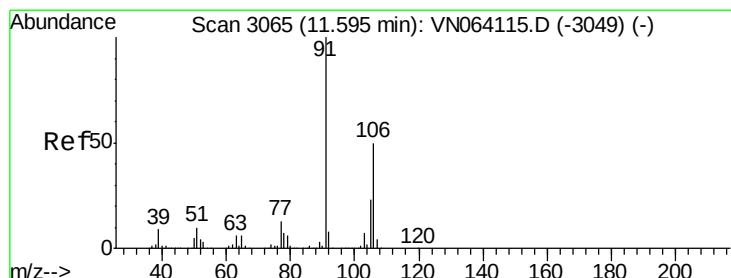
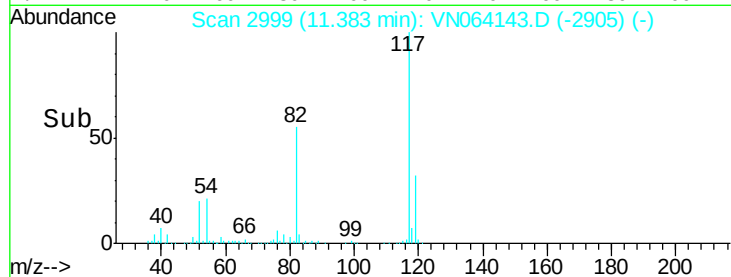
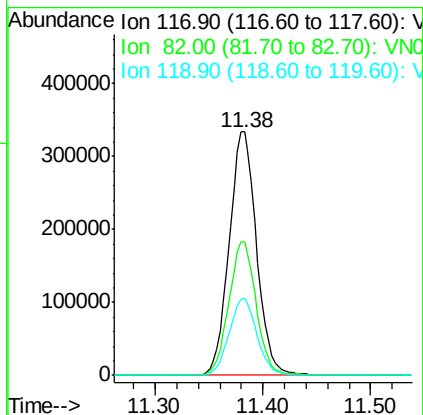
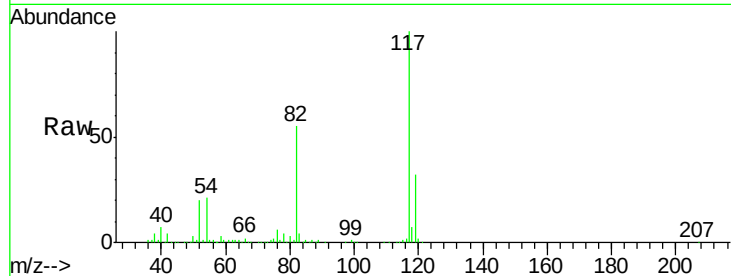




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2999  
Delta R.T. 0.00 min  
Lab File: VN064143.D  
Acq: 15 Oct 2020 15:07

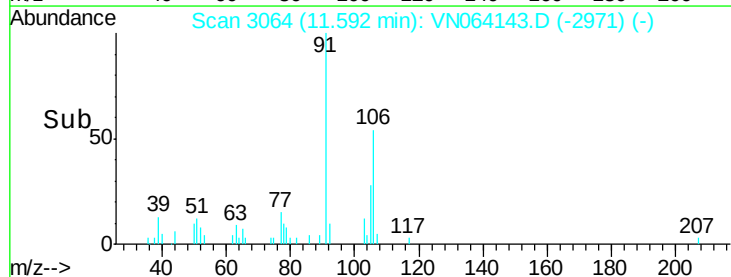
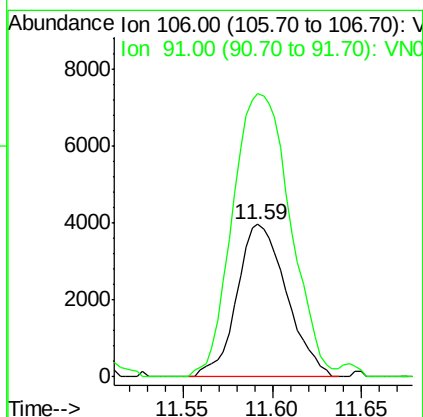
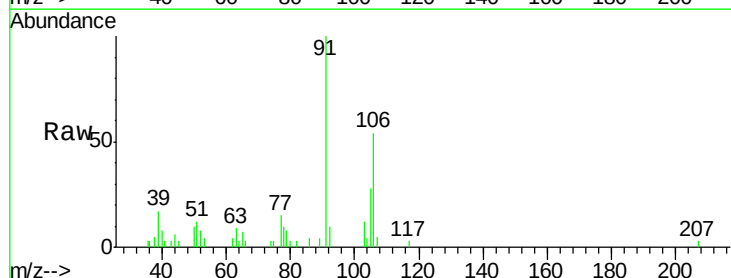
Instrument :  
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DRUM-COMP

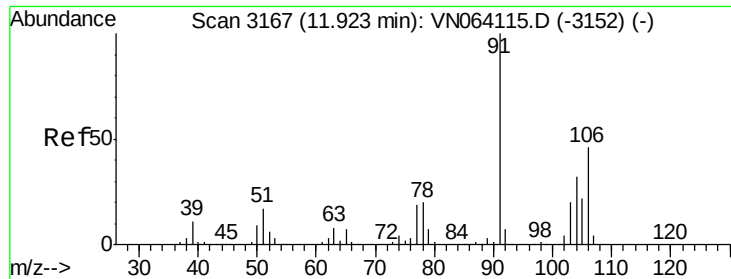
Tot Ion:117 Resp: 590877  
Ion Ratio Lower Upper  
117 100  
82 54.7 42.6 63.8  
119 31.6 25.5 38.3



#68  
m/p-Xylenes  
Concen: 3.072 ug/l  
RT: 11.59 min Scan# 3064  
Delta R.T. -0.00 min  
Lab File: VN064143.D  
Acq: 15 Oct 2020 15:07

Tgt Ion:106 Resp: 7731  
Ion Ratio Lower Upper  
106 100  
91 215.2 162.1 243.1

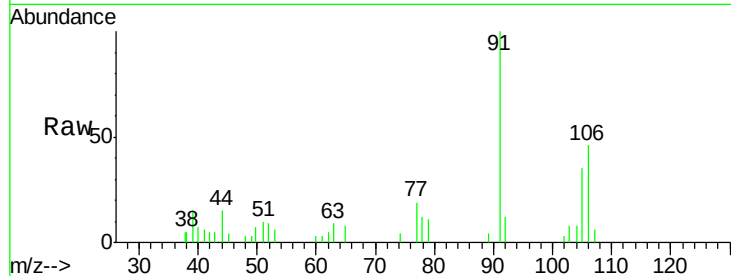




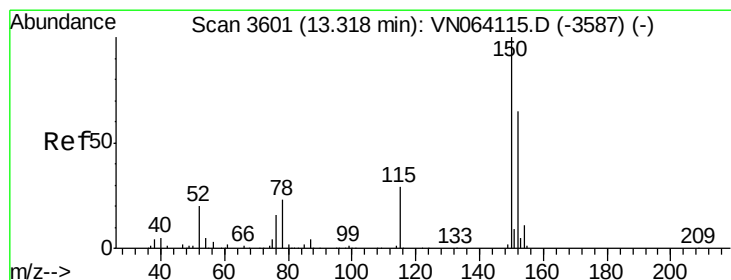
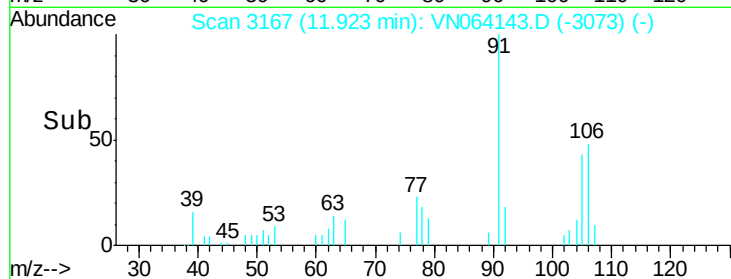
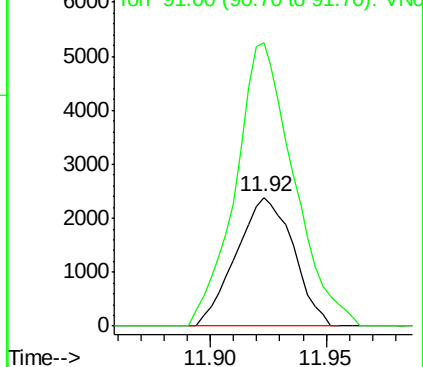
#69  
o-Xylene  
Concen: 2.064 ug/l  
RT: 11.92 min Scan# 3167  
Delta R.T. 0.00 min  
Lab File: VN064143.D  
Acq: 15 Oct 2020 15:07

Instrument :  
MSVOA\_N  
ClientSampleId :  
DRUM-COMP

Tot Ion:106 Resp: 4089  
Ion Ratio Lower Upper  
106 100  
91 224.5 107.6 322.8

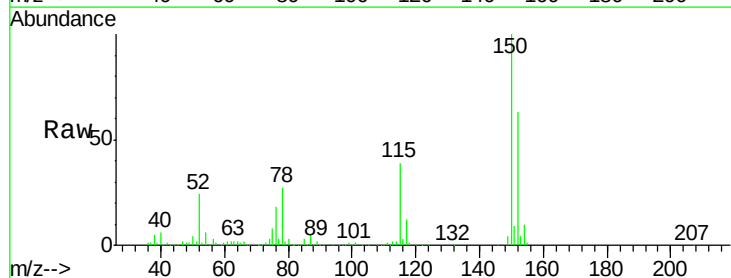


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VN

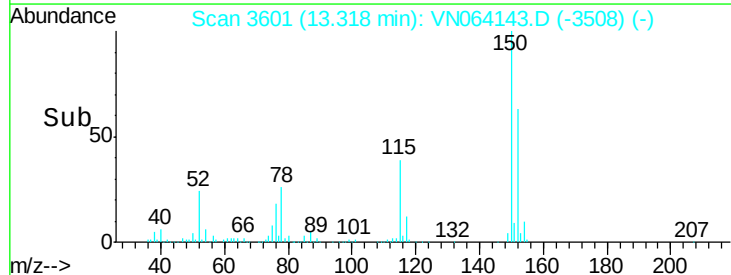
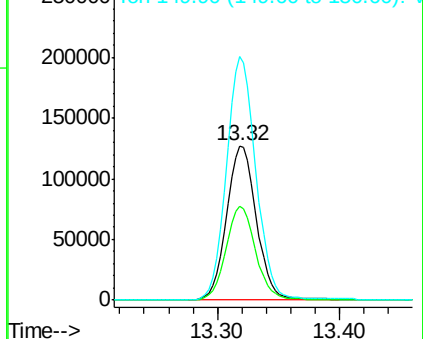


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.32 min Scan# 3601  
Delta R.T. 0.00 min  
Lab File: VN064143.D  
Acq: 15 Oct 2020 15:07

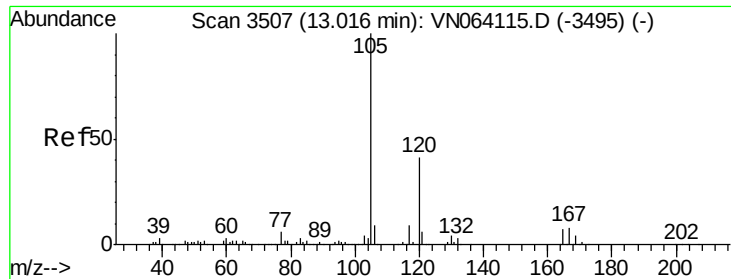
Tgt Ion:152 Resp: 217966  
Ion Ratio Lower Upper  
152 100  
115 60.6 29.3 87.8  
150 156.2 0.0 346.0



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







#84  
 1,2,4-Trimethylbenzene  
 Concen: 1.063 ug/l  
 RT: 13.02 min Scan# 3507  
 Delta R.T. 0.00 min  
 Lab File: VN064143.D  
 Acq: 15 Oct 2020 15:07

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 DRUM-COMP

Tot Ion:105 Resp: 11653  
 Ion Ratio Lower Upper  
 105 100  
 120 48.2 22.8 68.4

