

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040620\  
 Data File : VN060860.D  
 Acq On : 6 Apr 2020 18:36  
 Operator : JC/MD  
 Sample : L2144-03  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RECLAIM-SYSTEM

Quant Time: Apr 07 08:44:52 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N031820W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 18 08:49:09 2020  
 Response via : Initial Calibration

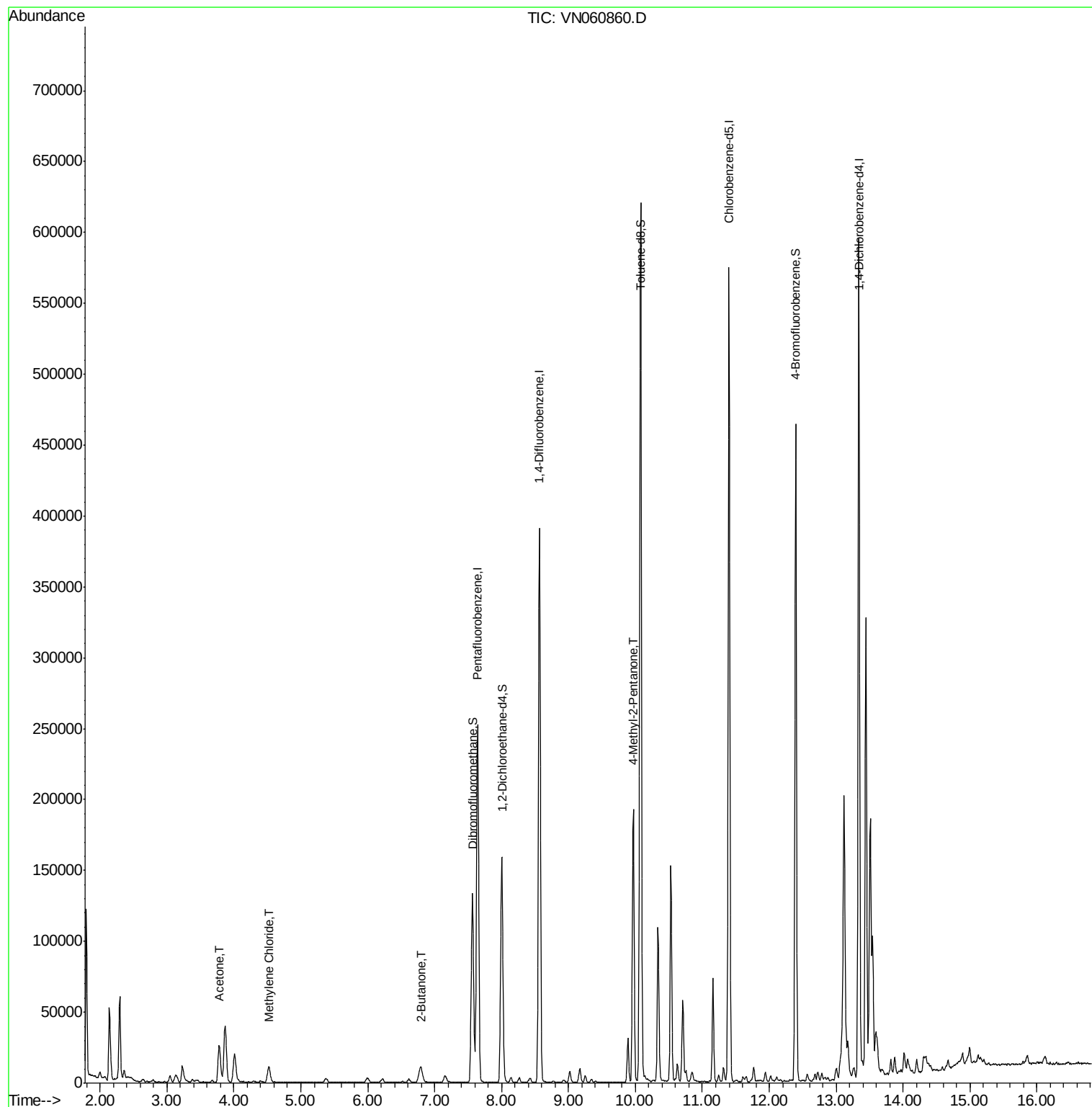
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.64  | 168  | 207821   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.57  | 114  | 345776   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.40 | 117  | 330409   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.34 | 152  | 153639   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.00  | 65   | 134164   | 47.03  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 94.06%  |          |
| 35) Dibromofluoromethane    | 7.57  | 113  | 103835   | 49.66  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 99.32%  |          |
| 50) Toluene-d8              | 10.08 | 98   | 429753   | 50.32  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 100.64% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 161735   | 51.68  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 103.36% |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 3.78  | 43   | 47321    | 46.827 | ug/l    | 98       |
| 20) Methylene Chloride      | 4.52  | 84   | 8614     | 3.465  | ug/l    | 96       |
| 25) 2-Butanone              | 6.80  | 43   | 17536    | 10.724 | ug/l    | 97       |
| 51) 4-Methyl-2-Pentanone    | 9.97  | 43   | 136918   | 40.327 | ug/l    | 98       |

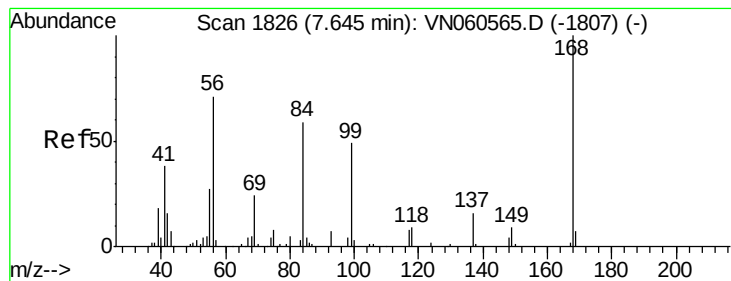
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_N  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N031820W.M  
Quant Title : SW846 8260  
QLast Update : Wed Mar 18 08:49:09 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060860.D

Acq: 6 Apr 2020 18:36

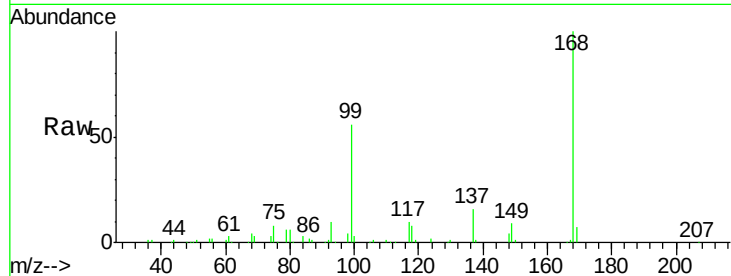
Instrument :  
MSVOA\_N  
ClientSampleId :  
RECLAIM-SYSTEM

Tot Ion:168 Resp: 207821

Ion Ratio Lower Upper

168 100

99 55.6 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

80000

60000

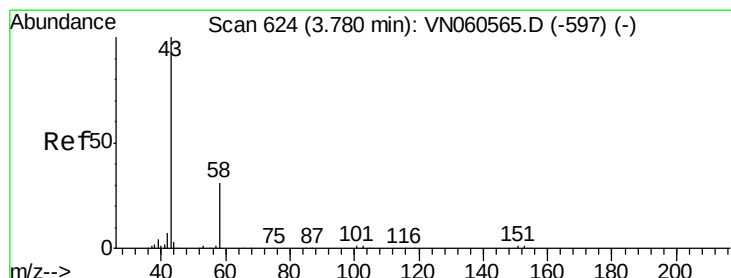
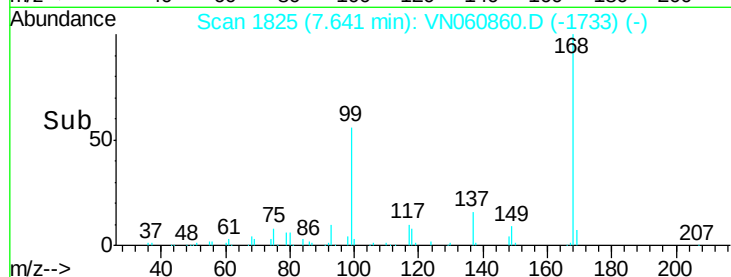
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 46.827 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060860.D

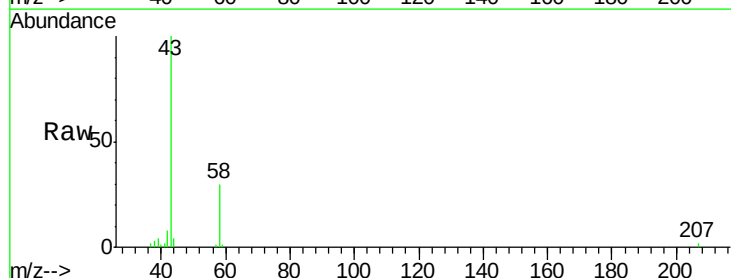
Acq: 6 Apr 2020 18:36

Tgt Ion: 43 Resp: 47321

Ion Ratio Lower Upper

43 100

58 30.1 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

20000

15000

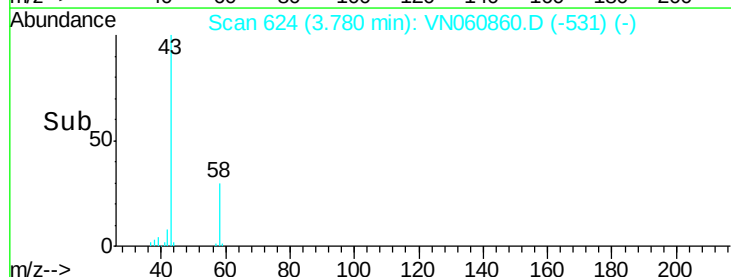
10000

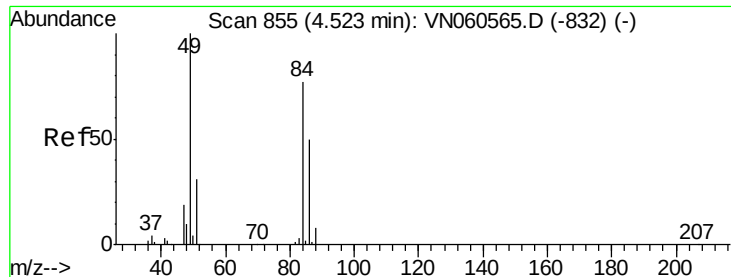
5000

0

3.70 3.80 3.90

Time-->

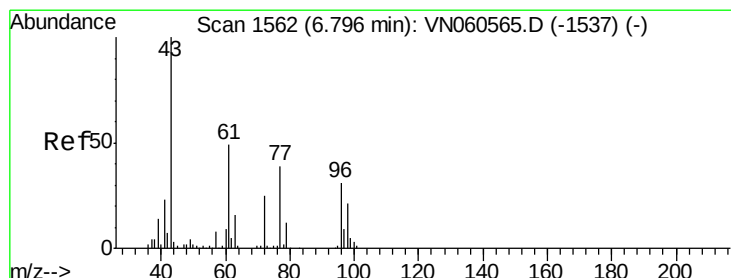
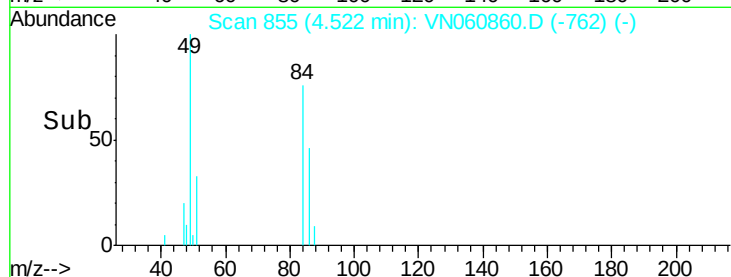
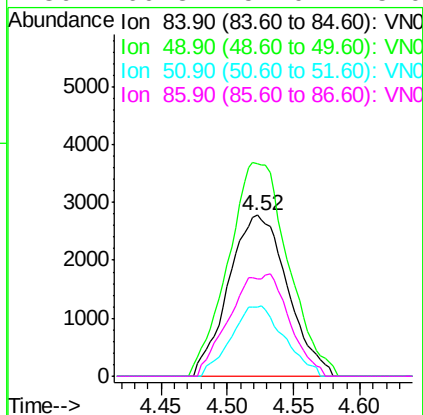
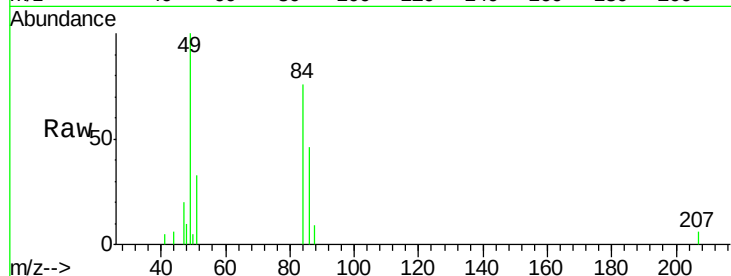




#20  
Methvlene Chloride  
Concen: 3.465 ug/l  
RT: 4.52 min Scan# 855  
Delta R.T. -0.00 min  
Lab File: VN060860.D  
Acq: 6 Apr 2020 18:36

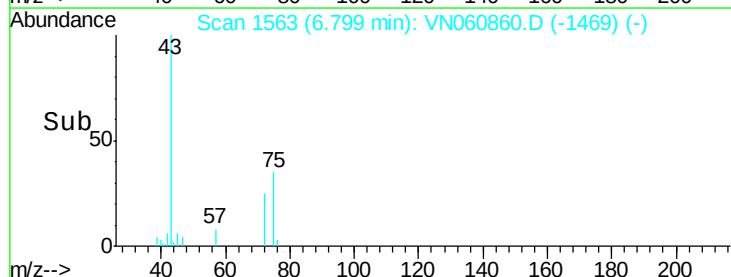
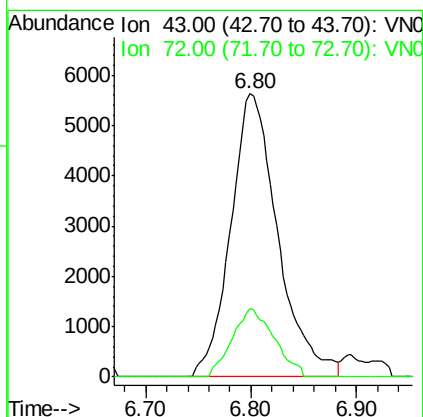
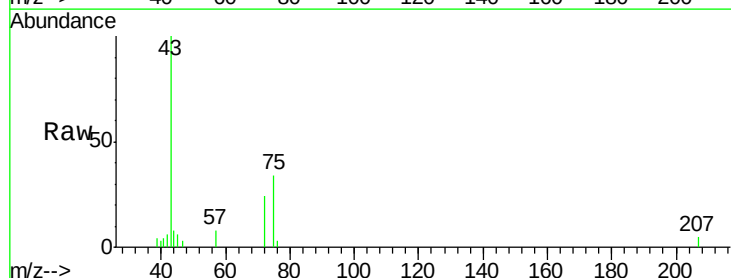
Instrument :  
MSVOA\_N  
ClientSampleId :  
RECLAIM-SYSTEM

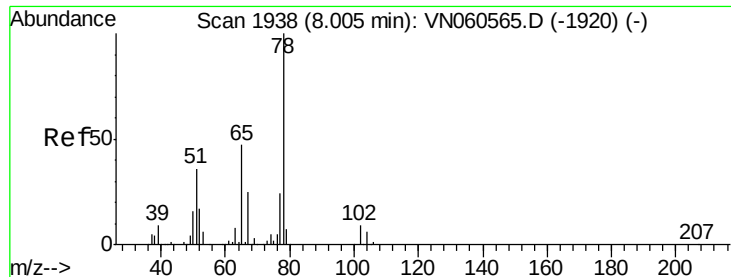
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 84    | Resp: | 8614  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 131.8 | 103.3 | 154.9 |
| 51       | 43.0  | 31.6  | 47.4  |
| 86       | 60.3  | 52.0  | 78.0  |



#25  
2-Butanone  
Concen: 10.724 ug/l  
RT: 6.80 min Scan# 1563  
Delta R.T. 0.00 min  
Lab File: VN060860.D  
Acq: 6 Apr 2020 18:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 17536 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 24.1  | 20.4  | 30.6  |

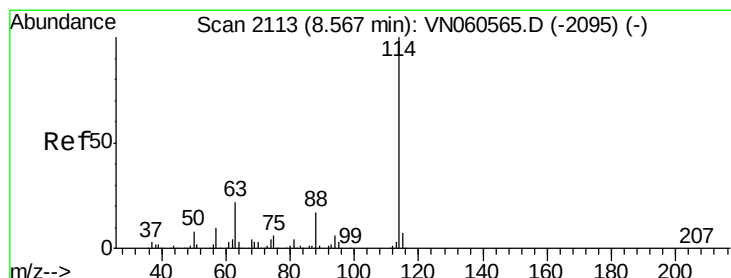
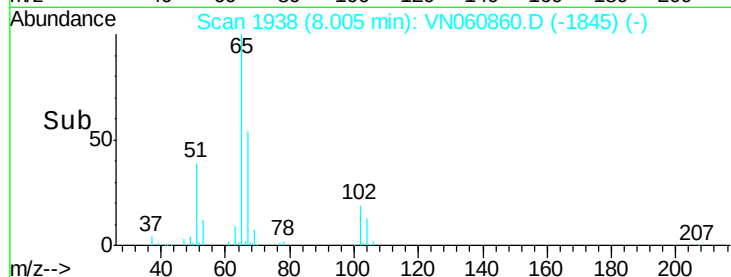
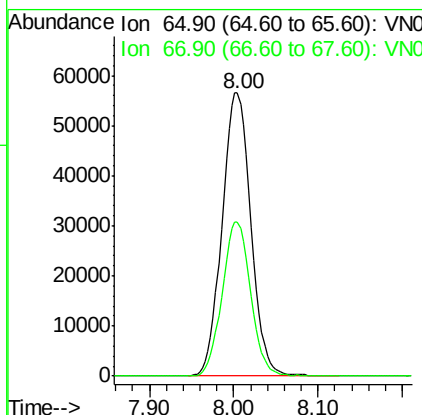
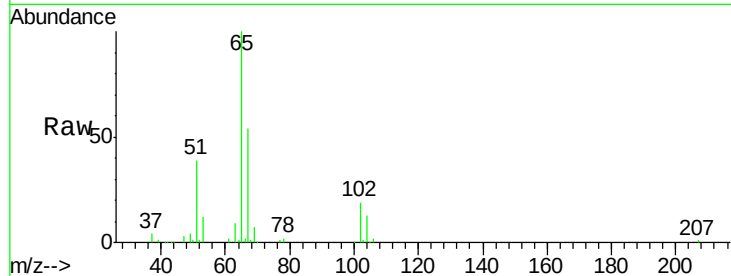




#33  
 1,2-Dichloroethane-d4  
 Concen: 47.027 ug/l  
 RT: 8.00 min Scan# 1938  
 Delta R.T. -0.00 min  
 Lab File: VN060860.D  
 Acq: 6 Apr 2020 18:36

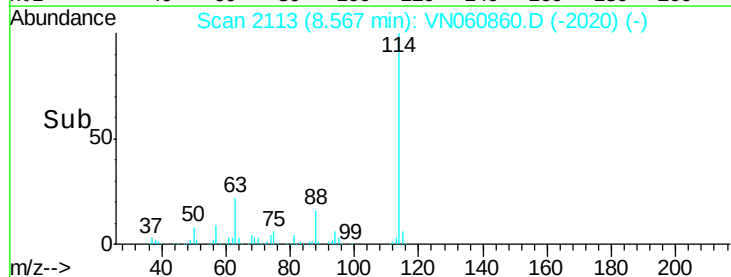
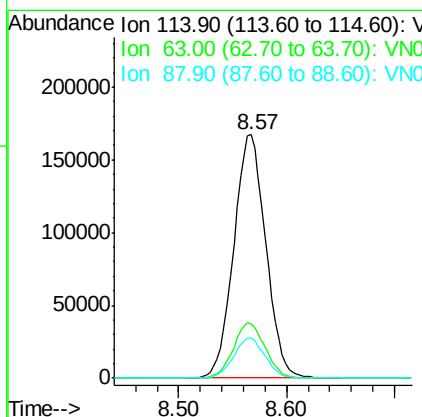
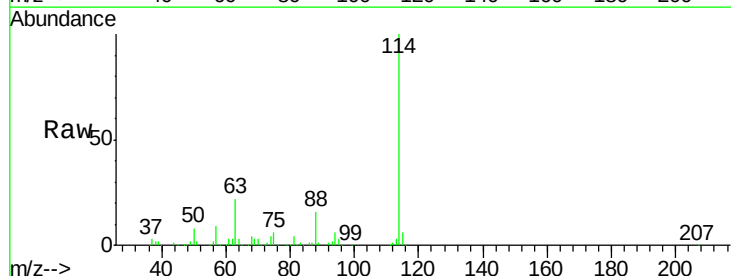
Instrument :  
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 RECLAIM-SYSTEM

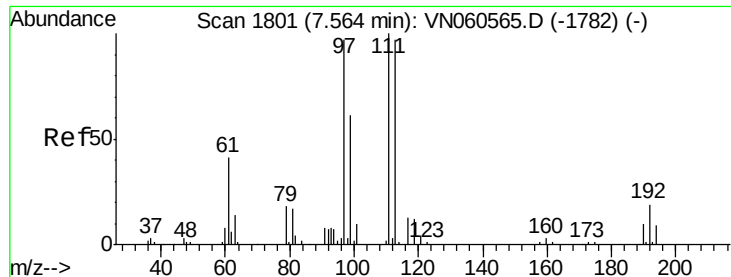
Tot Ion: 65 Resp: 134164  
 Ion Ratio Lower Upper  
 65 100  
 67 53.7 0.0 107.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.57 min Scan# 2113  
 Delta R.T. -0.00 min  
 Lab File: VN060860.D  
 Acq: 6 Apr 2020 18:36

Tgt Ion: 114 Resp: 345776  
 Ion Ratio Lower Upper  
 114 100  
 63 22.0 0.0 43.8  
 88 16.3 0.0 33.0

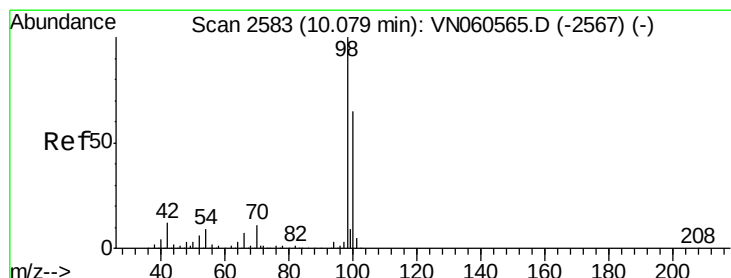
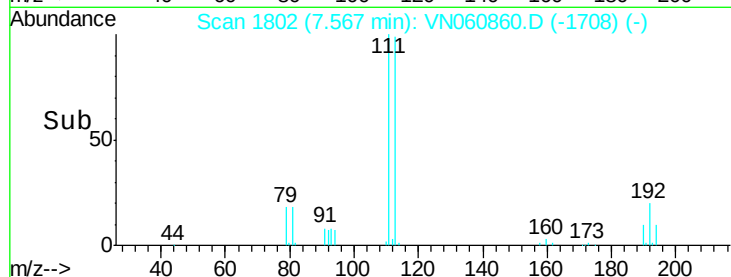
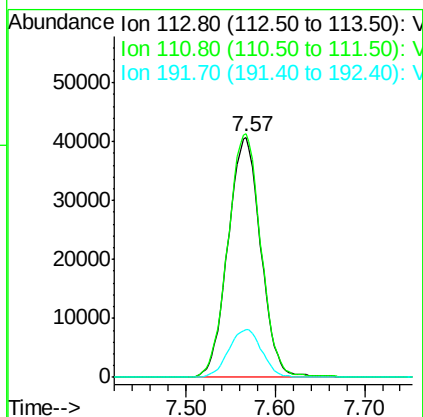
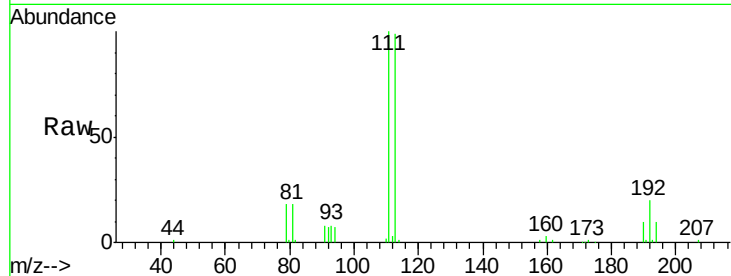




#35  
 Dibromofluoromethane  
 Concen: 49.663 ug/l  
 RT: 7.57 min Scan# 1802  
 Delta R.T. 0.00 min  
 Lab File: VN060860.D  
 Acq: 6 Apr 2020 18:36

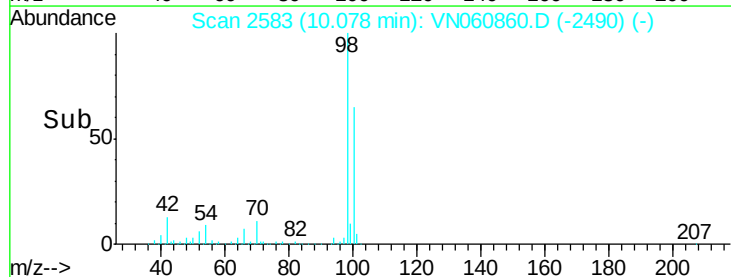
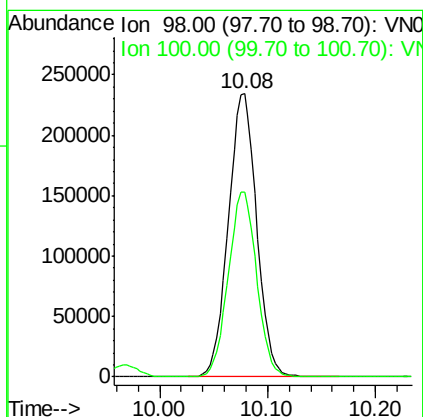
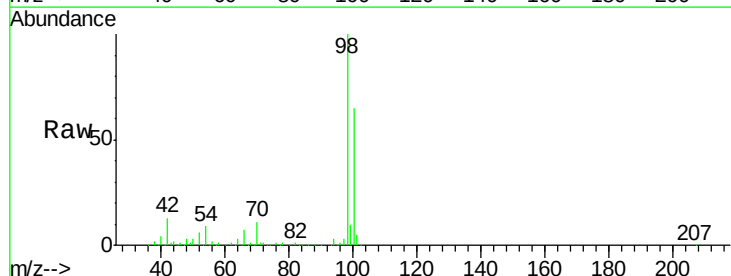
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RECLAIM-SYSTEM

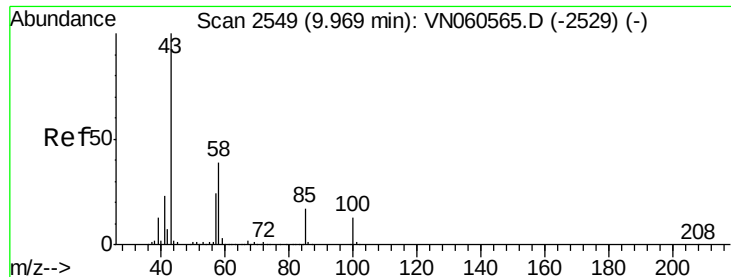
Tot Ion:113 Resp: 103835  
 Ion Ratio Lower Upper  
 113 100  
 111 102.2 82.9 124.3  
 192 20.3 15.8 23.8



#50  
 Toluene-d8  
 Concen: 50.322 ug/l  
 RT: 10.08 min Scan# 2583  
 Delta R.T. -0.00 min  
 Lab File: VN060860.D  
 Acq: 6 Apr 2020 18:36

Tgt Ion: 98 Resp: 429753  
 Ion Ratio Lower Upper  
 98 100  
 100 65.5 51.8 77.8

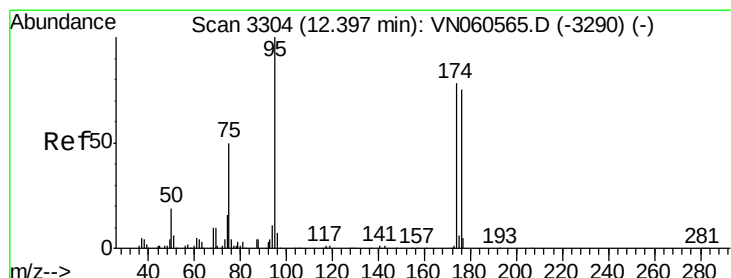
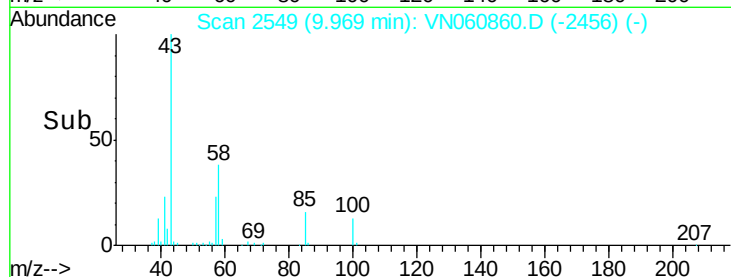
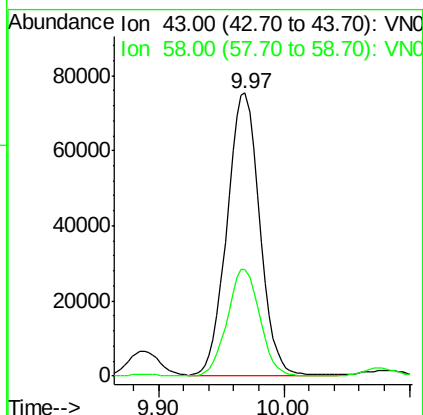
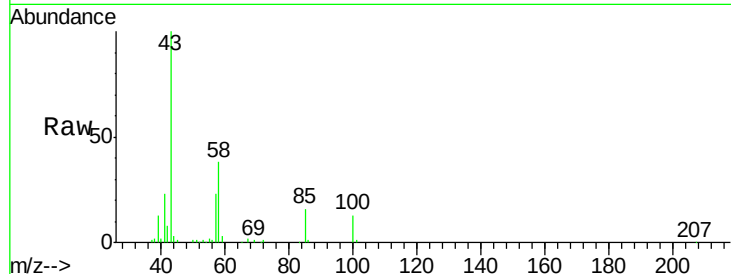




#51  
4-Methyl-2-Pentanone  
Concen: 40.327 ug/l  
RT: 9.97 min Scan# 2549  
Delta R.T. -0.00 min  
Lab File: VN060860.D  
Acq: 6 Apr 2020 18:36

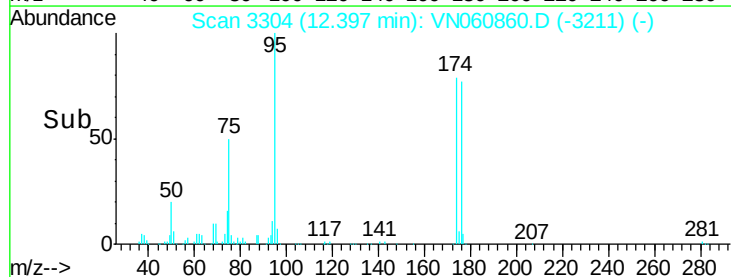
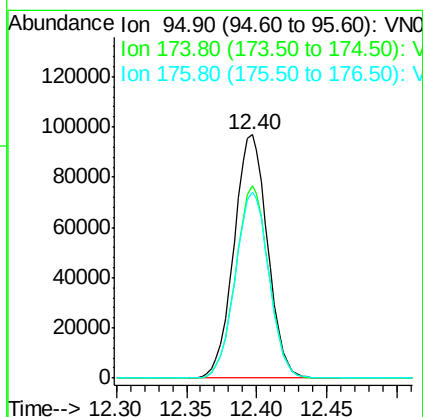
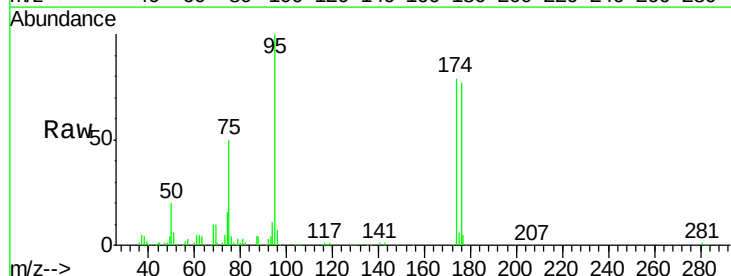
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MSVOA\_N  
ClientSampleId :  
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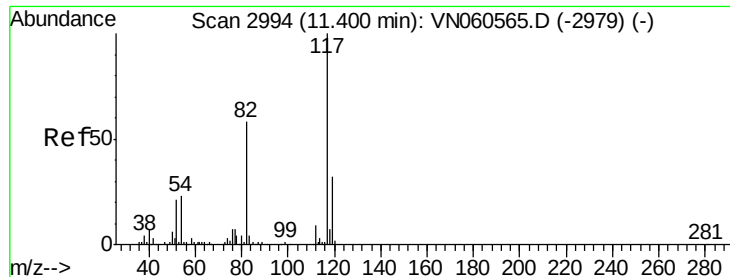
Tot Ion: 43 Resp: 136918  
Ion Ratio Lower Upper  
43 100  
58 37.5 30.8 46.2



#62  
4-Bromofluorobenzene  
Concen: 51.675 ug/l  
RT: 12.40 min Scan# 3304  
Delta R.T. -0.00 min  
Lab File: VN060860.D  
Acq: 6 Apr 2020 18:36

Tgt Ion: 95 Resp: 161735  
Ion Ratio Lower Upper  
95 100  
174 78.0 0.0 157.6  
176 76.7 0.0 150.6

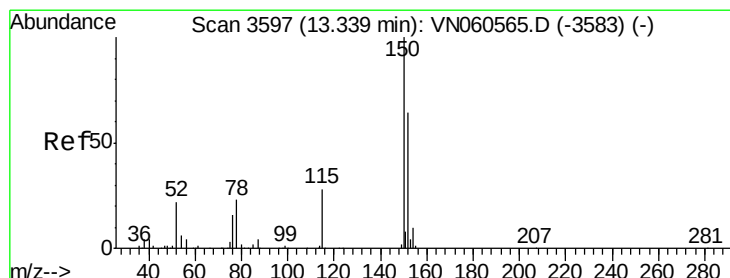
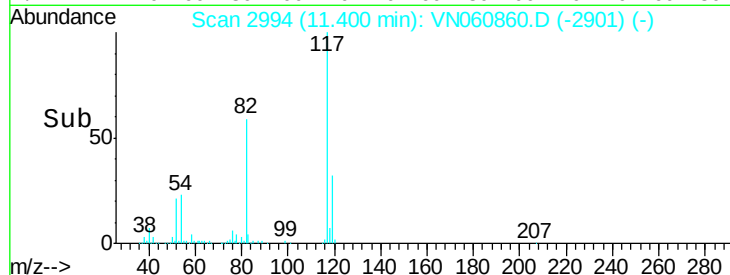
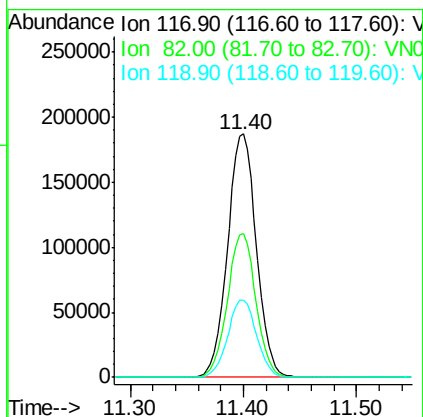
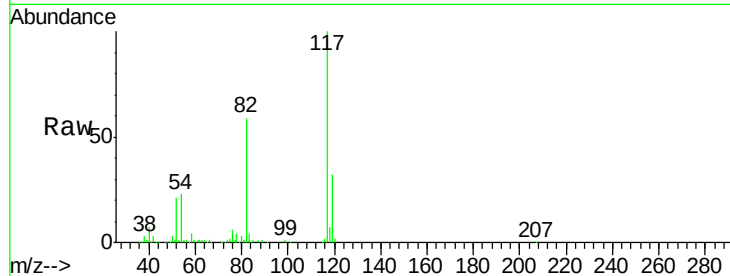




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.40 min Scan# 2994  
Delta R.T. -0.00 min  
Lab File: VN060860.D  
Acq: 6 Apr 2020 18:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
RECLAIM-SYSTEM

Tot Ion:117 Resp: 330409  
Ion Ratio Lower Upper  
117 100  
82 58.8 46.7 70.1  
119 31.8 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.34 min Scan# 3597  
Delta R.T. -0.00 min  
Lab File: VN060860.D  
Acq: 6 Apr 2020 18:36

Tgt Ion:152 Resp: 153639  
Ion Ratio Lower Upper  
152 100  
115 59.3 30.2 90.6  
150 157.8 0.0 350.2

