

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031720\  
 Data File : VN060553.D  
 Acq On : 17 Mar 2020 13:55  
 Operator : JC/MD  
 Sample : PB127594TB  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB127594TB

Quant Time: Mar 18 07:14:39 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N022720W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 27 13:52:50 2020  
 Response via : Initial Calibration

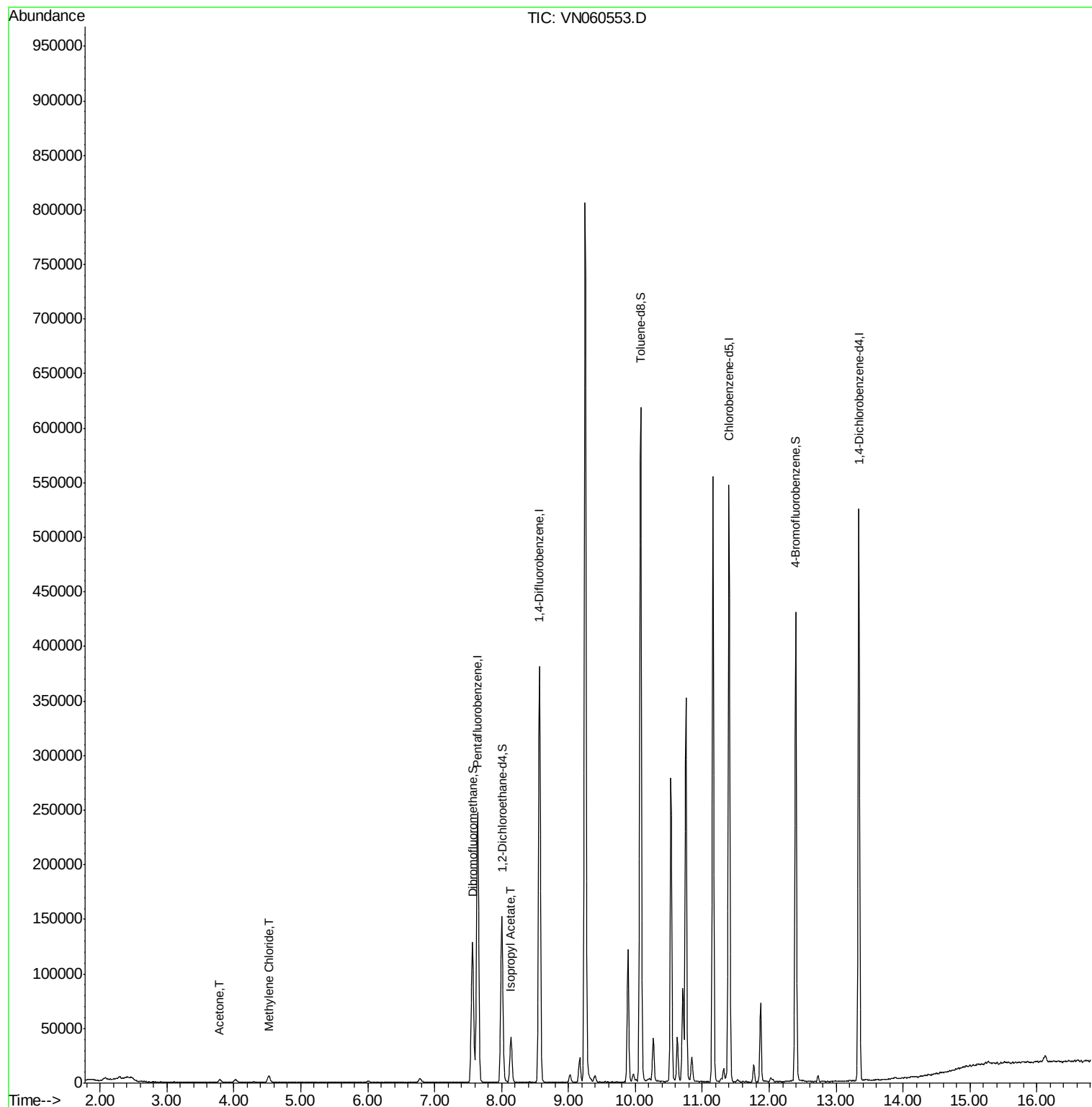
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 1) Pentafluorobenzene       | 7.64  | 168  | 202937   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.57  | 114  | 338202   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.40 | 117  | 311826   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.34 | 152  | 137817   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.00  | 65   | 132536   | 50.90 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 101.80% |          |
| 35) Dibromofluoromethane    | 7.56  | 113  | 98325    | 62.63 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 125.26% |          |
| 50) Toluene-d8              | 10.08 | 98   | 416361   | 52.40 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 104.80% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 151736   | 50.38 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 100.76% |          |
| Target Compounds            |       |      |          |       |         |          |
| 16) Acetone                 | 3.79  | 43   | 5004     | 5.951 | ug/l    | 95       |
| 20) Methylene Chloride      | 4.52  | 84   | 4427     | 1.917 | ug/l    | 94       |
| 43) Isopropyl Acetate       | 8.14  | 43   | 50466    | 9.445 | ug/l #  | 90       |

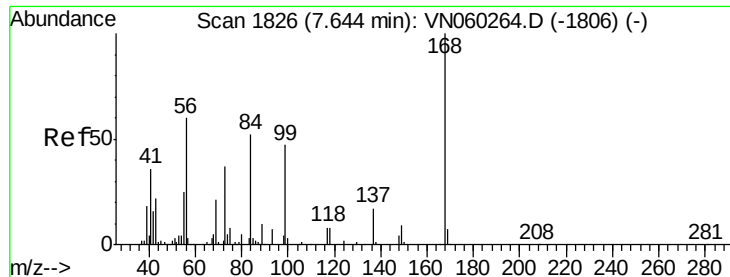
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031720\  
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ClientSampleId :  
PB127594TB

Quant Time: Mar 18 07:14:39 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N022720W.M  
Quant Title : SW846 8260  
QLast Update : Thu Feb 27 13:52:50 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: VN060553.D

Acq: 17 Mar 2020 13:55

Instrument :

MSVOA\_N

ClientSampleId :

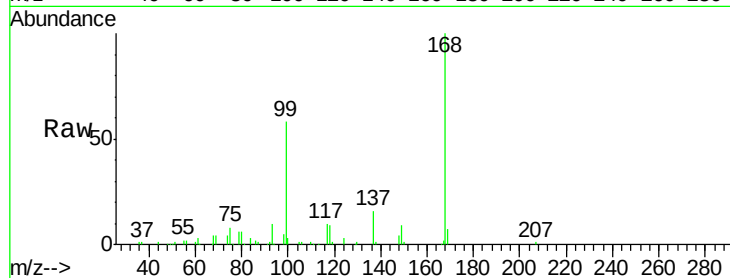
PB127594TB

Tot Ion:168 Resp: 202937

Ion Ratio Lower Upper

168 100

99 57.8 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

80000

60000

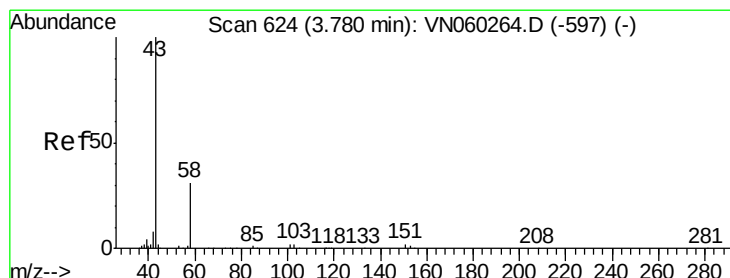
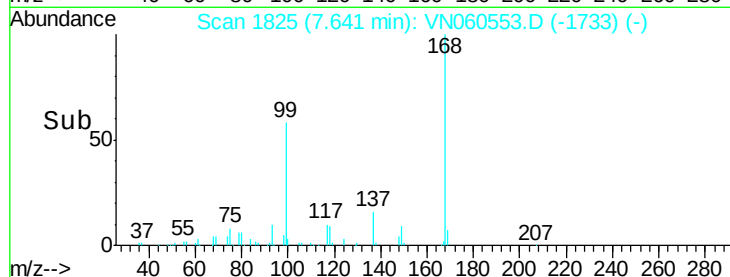
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 5.951 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060553.D

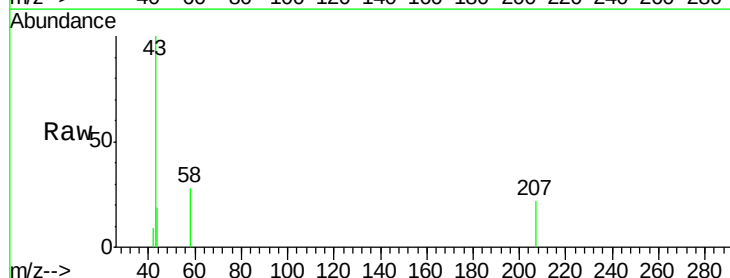
Acq: 17 Mar 2020 13:55

Tgt Ion: 43 Resp: 5004

Ion Ratio Lower Upper

43 100

58 28.0 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.79

2000

1500

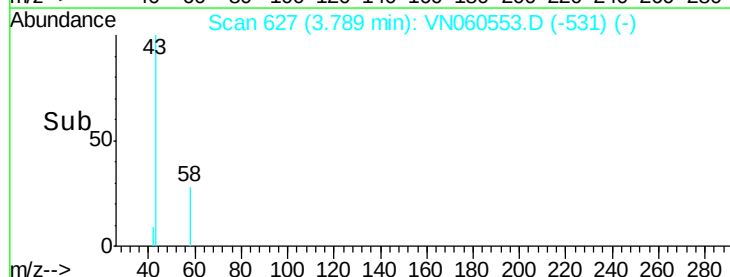
1000

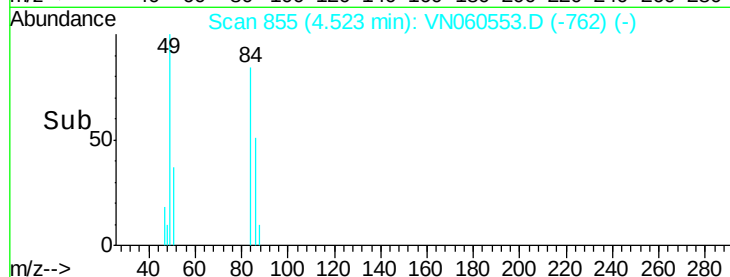
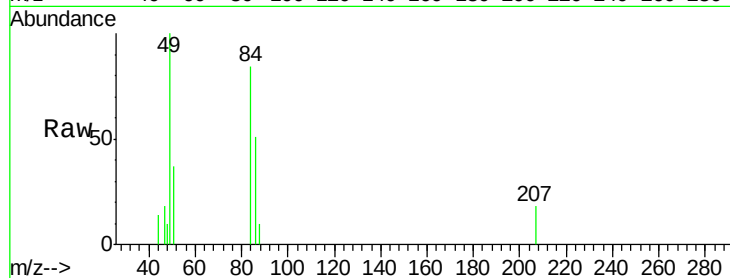
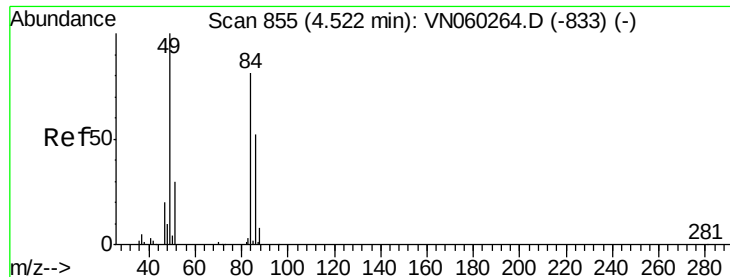
500

0

3.70 3.75 3.80 3.85

Time-->

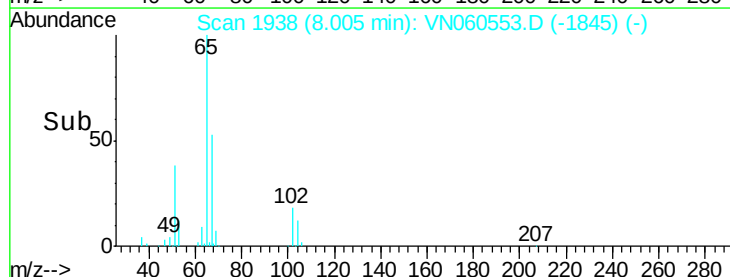
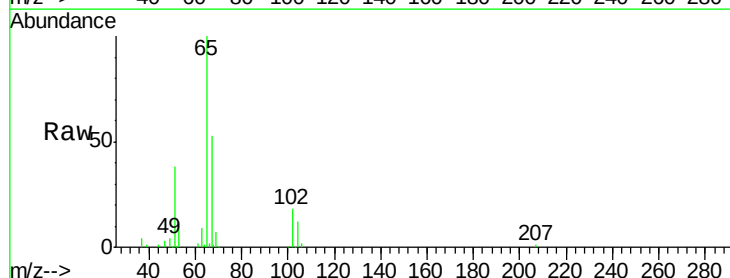
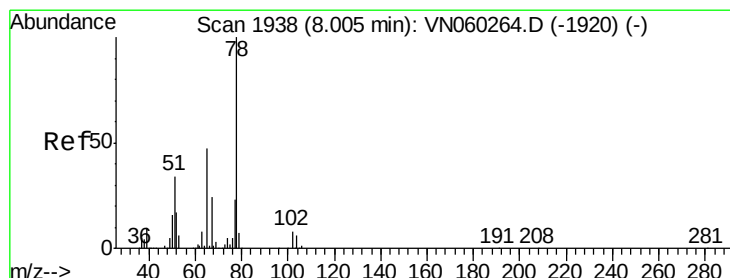
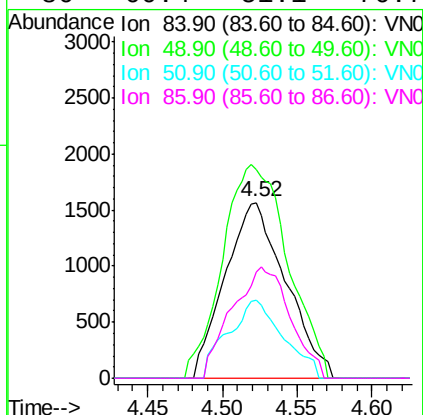




#20  
Methylene Chloride  
Concen: 1.917 ug/l  
RT: 4.52 min Scan# 855  
Delta R.T. 0.00 min  
Lab File: VN060553.D  
Acq: 17 Mar 2020 13:55

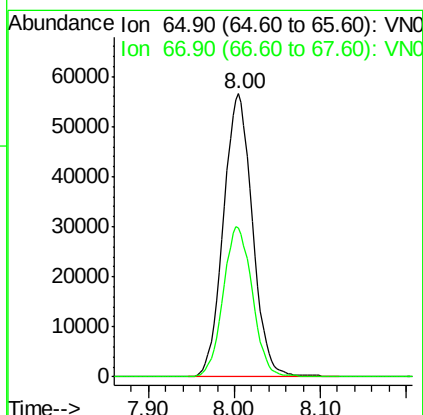
Instrument :  
MSVOA\_N  
ClientSampled :  
PB127594TB

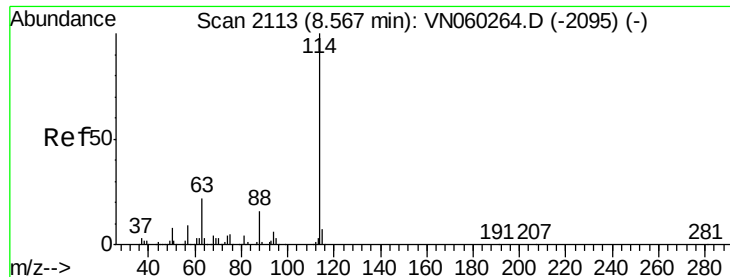
| Tot Ion: | 84    | Resp: | 4427  |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 118.9 | 99.3  | 148.9 |
| 51       | 44.5  | 30.1  | 45.1  |
| 86       | 60.4  | 51.1  | 76.7  |



#33  
1,2-Dichloroethane-d4  
Concen: 50.903 ug/l  
RT: 8.00 min Scan# 1938  
Delta R.T. 0.00 min  
Lab File: VN060553.D  
Acq: 17 Mar 2020 13:55

| Tgt Ion: | 65    | Resp: | 132536 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 53.2  | 0.0   | 103.8  |

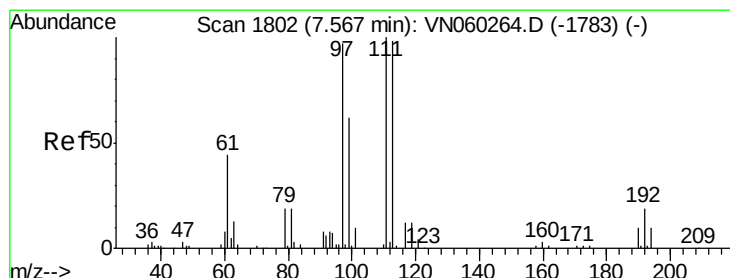
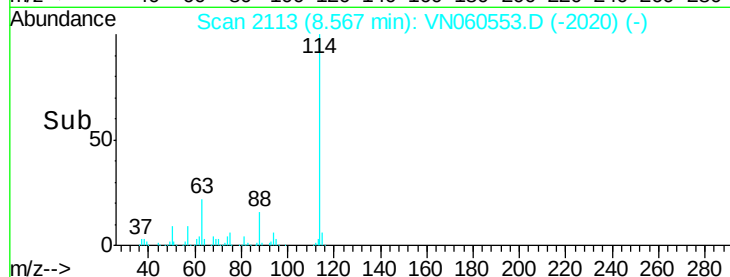
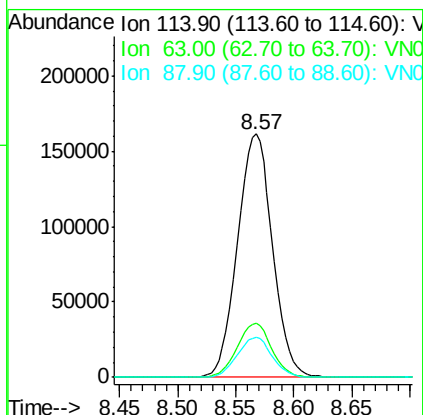
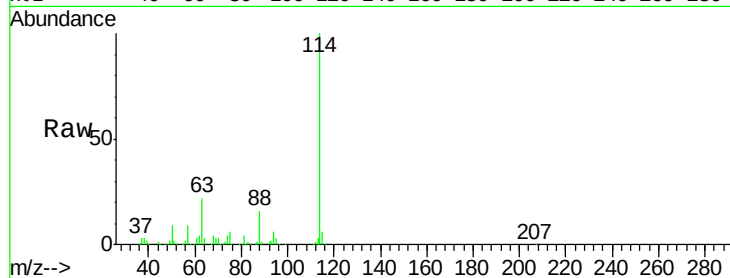




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.57 min Scan# 2113  
 Delta R.T. 0.00 min  
 Lab File: VN060553.D  
 Acq: 17 Mar 2020 13:55

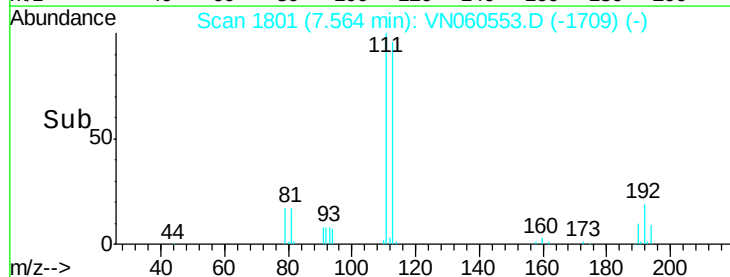
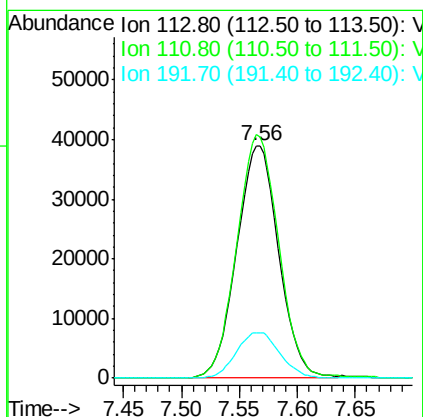
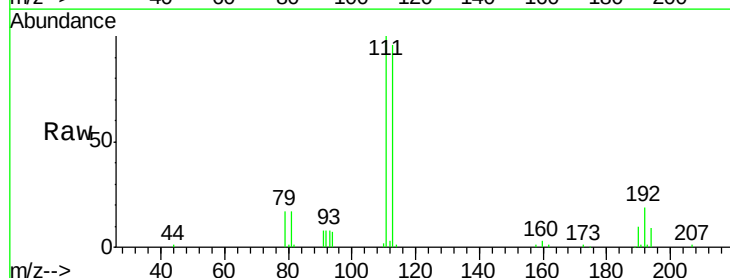
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB127594TB

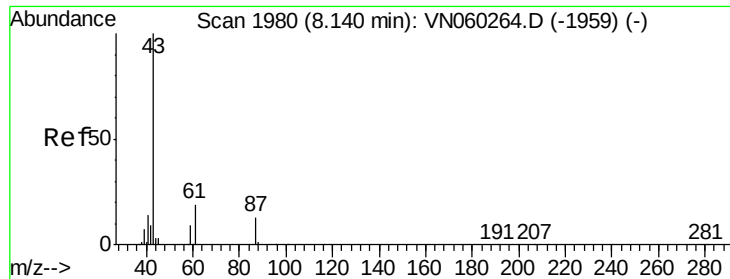
Tot Ion:114 Resp: 338202  
 Ion Ratio Lower Upper  
 114 100  
 63 22.0 0.0 43.2  
 88 16.4 0.0 31.6



#35  
 Dibromofluoromethane  
 Concen: 62.634 ug/l  
 RT: 7.56 min Scan# 1801  
 Delta R.T. -0.00 min  
 Lab File: VN060553.D  
 Acq: 17 Mar 2020 13:55

Tgt Ion:113 Resp: 98325  
 Ion Ratio Lower Upper  
 113 100  
 111 104.7 82.4 123.6  
 192 20.2 16.2 24.2





#43

Isopropyl Acetate

Concen: 9.445 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060553.D

Acq: 17 Mar 2020 13:55

Instrument :

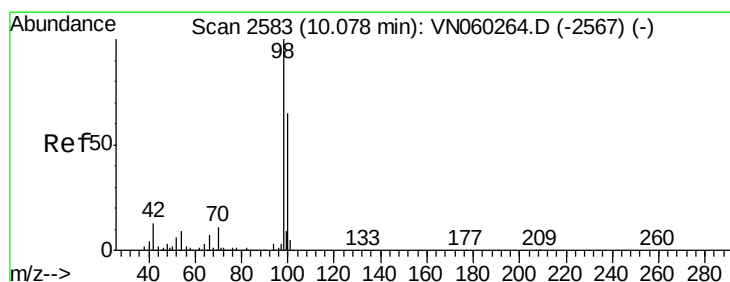
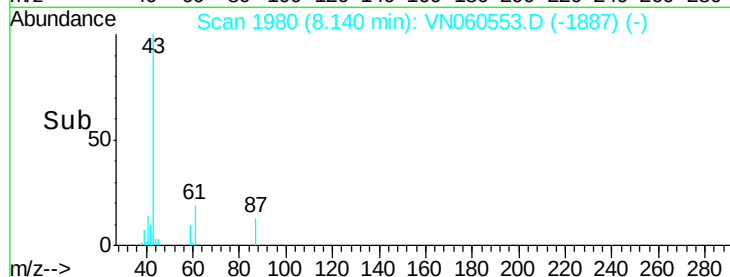
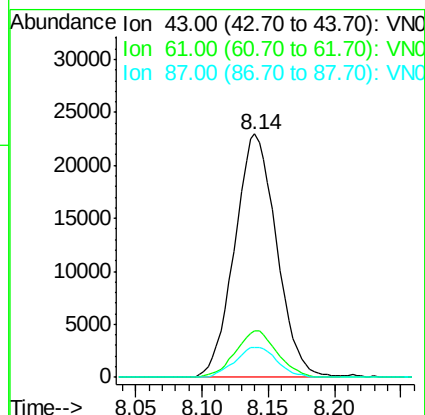
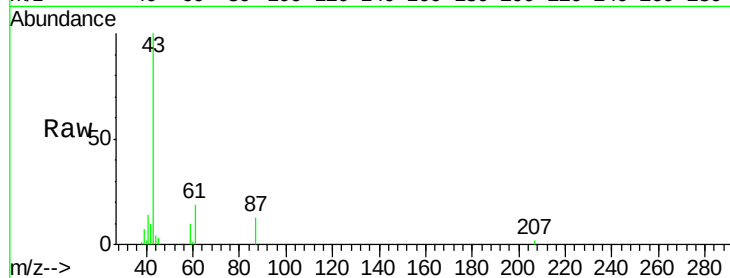
MSVOA\_N

ClientSampleId :

PB127594TB

Tot Ion: 43 Resp: 50466

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 19.0  | 20.9  | 31.3# |
| 87  | 12.2  | 10.6  | 16.0  |



#50

Toluene-d8

Concen: 52.405 ug/l

RT: 10.08 min Scan# 2583

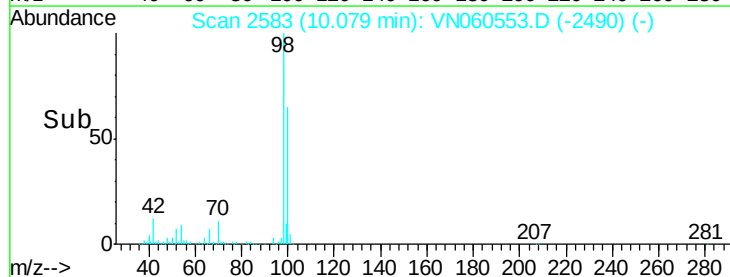
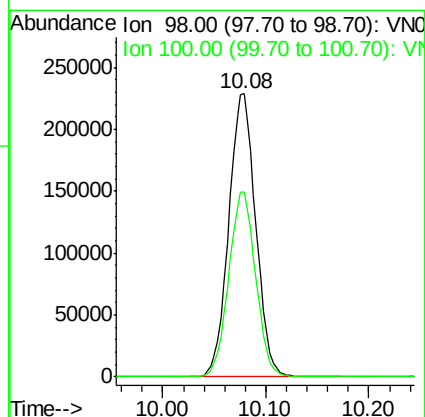
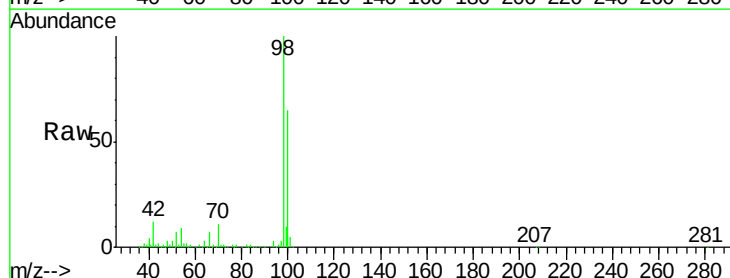
Delta R.T. 0.00 min

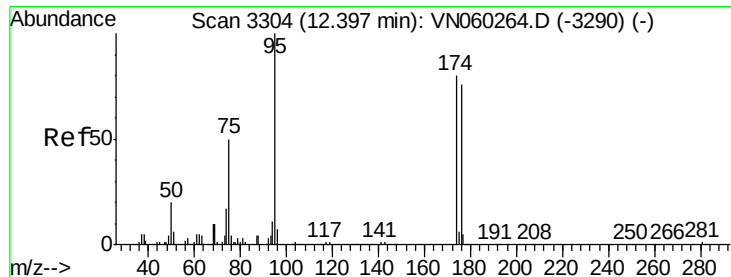
Lab File: VN060553.D

Acq: 17 Mar 2020 13:55

Tgt Ion: 98 Resp: 416361

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 98  | 100   |       |       |
| 100 | 65.2  | 52.2  | 78.2  |

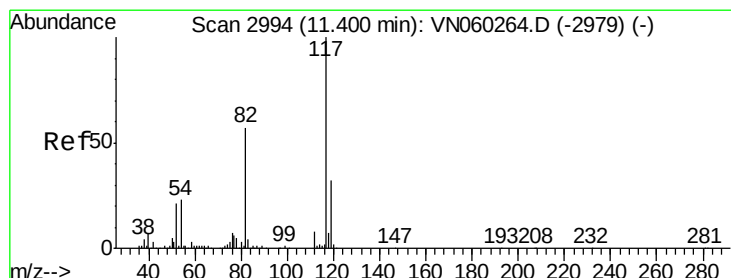
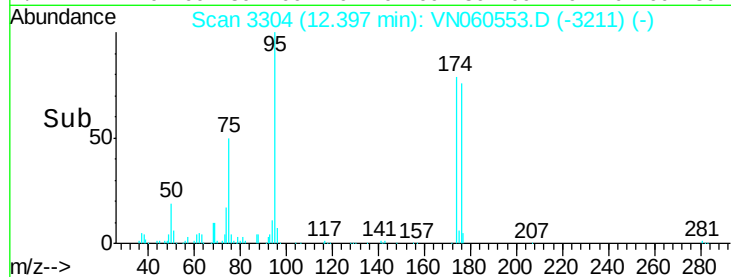
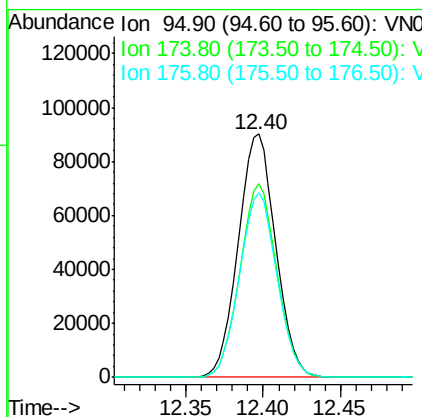
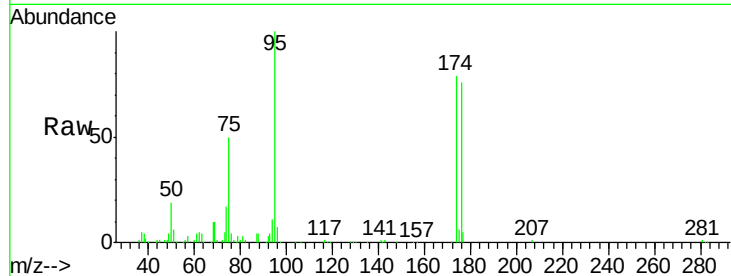




#62  
4-Bromofluorobenzene  
Concen: 50.381 ug/l  
RT: 12.40 min Scan# 3304  
Delta R.T. 0.00 min  
Lab File: VN060553.D  
Acq: 17 Mar 2020 13:55

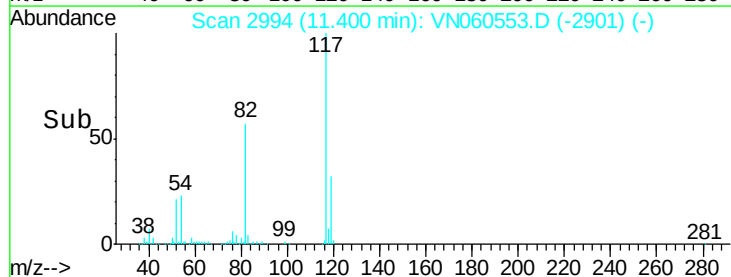
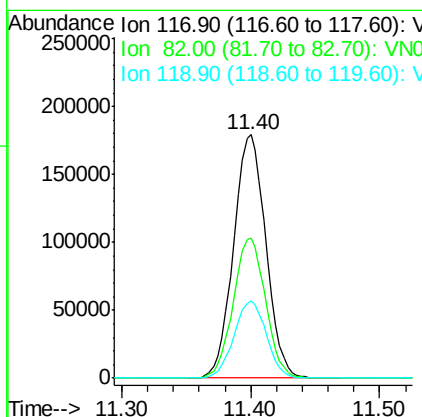
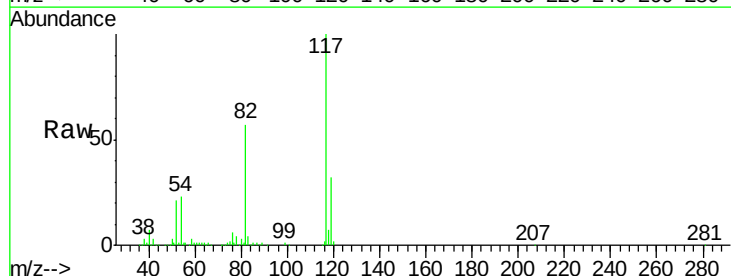
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB127594TB

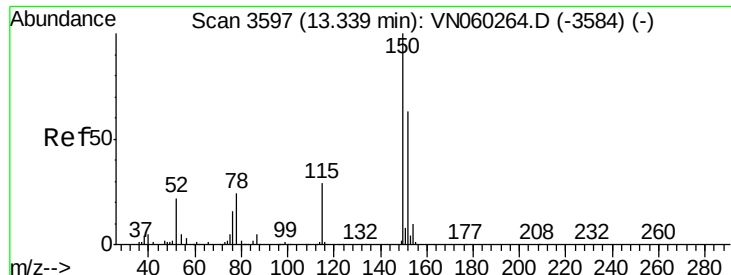
Tot Ion: 95 Resp: 151736  
Ion Ratio Lower Upper  
95 100  
174 78.8 0.0 159.2  
176 75.8 0.0 153.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.40 min Scan# 2994  
Delta R.T. 0.00 min  
Lab File: VN060553.D  
Acq: 17 Mar 2020 13:55

Tgt Ion: 117 Resp: 311826  
Ion Ratio Lower Upper  
117 100  
82 57.5 45.8 68.6  
119 31.8 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060553.D

Acq: 17 Mar 2020 13:55

Instrument :

MSVOA\_N

ClientSampleId :

PB127594TB

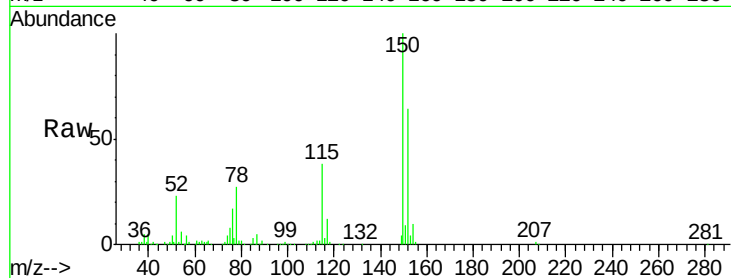
Tot Ion:152 Resp: 137817

Ion Ratio Lower Upper

152 100

115 59.9 30.0 90.0

150 157.7 0.0 349.6



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

