

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092520\  
 Data File : VN063687.D  
 Acq On : 25 Sep 2020 18:43  
 Operator : JC/MD  
 Sample : L4119-17DL 4X  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TT101D1-20200922DL

Manual Integrations  
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MMDadoda  
 9/29/2020 10:40:58 AM

Quant Time: Sep 28 03:05:47 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N091620W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 16 13:05:20 2020  
 Response via : Initial Calibration

| Internal Standards            | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene         | 7.62  | 168  | 191800   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.55  | 114  | 350453   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5          | 11.38 | 117  | 369986   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.32 | 152  | 157479   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds   |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4     | 7.99  | 65   | 164467   | 50.37  | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =      | 100.74% |          |
| 35) Dibromofluoromethane      | 7.55  | 113  | 117882   | 48.59  | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =      | 97.18%  |          |
| 50) Toluene-d8                | 10.06 | 98   | 459231   | 50.34  | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =      | 100.68% |          |
| 62) 4-Bromofluorobenzene      | 12.38 | 95   | 187437   | 56.05  | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =      | 112.10% |          |
| Target Compounds              |       |      |          |        |         |          |
| 9) 1,1,2-Trichlorotrifluoroet | 3.71  | 101  | 11504    | 5.383  | ug/l    | 95       |
| 12) 1,1-Dichloroethene        | 3.69  | 96   | 4517     | 2.087  | ug/l    | 94       |
| 27) cis-1,2-Dichloroethene    | 6.78  | 96   | 1217m    | 0.448  | ug/l    |          |
| 44) Trichloroethene           | 8.80  | 130  | 178208   | 68.938 | ug/l    | 100      |

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

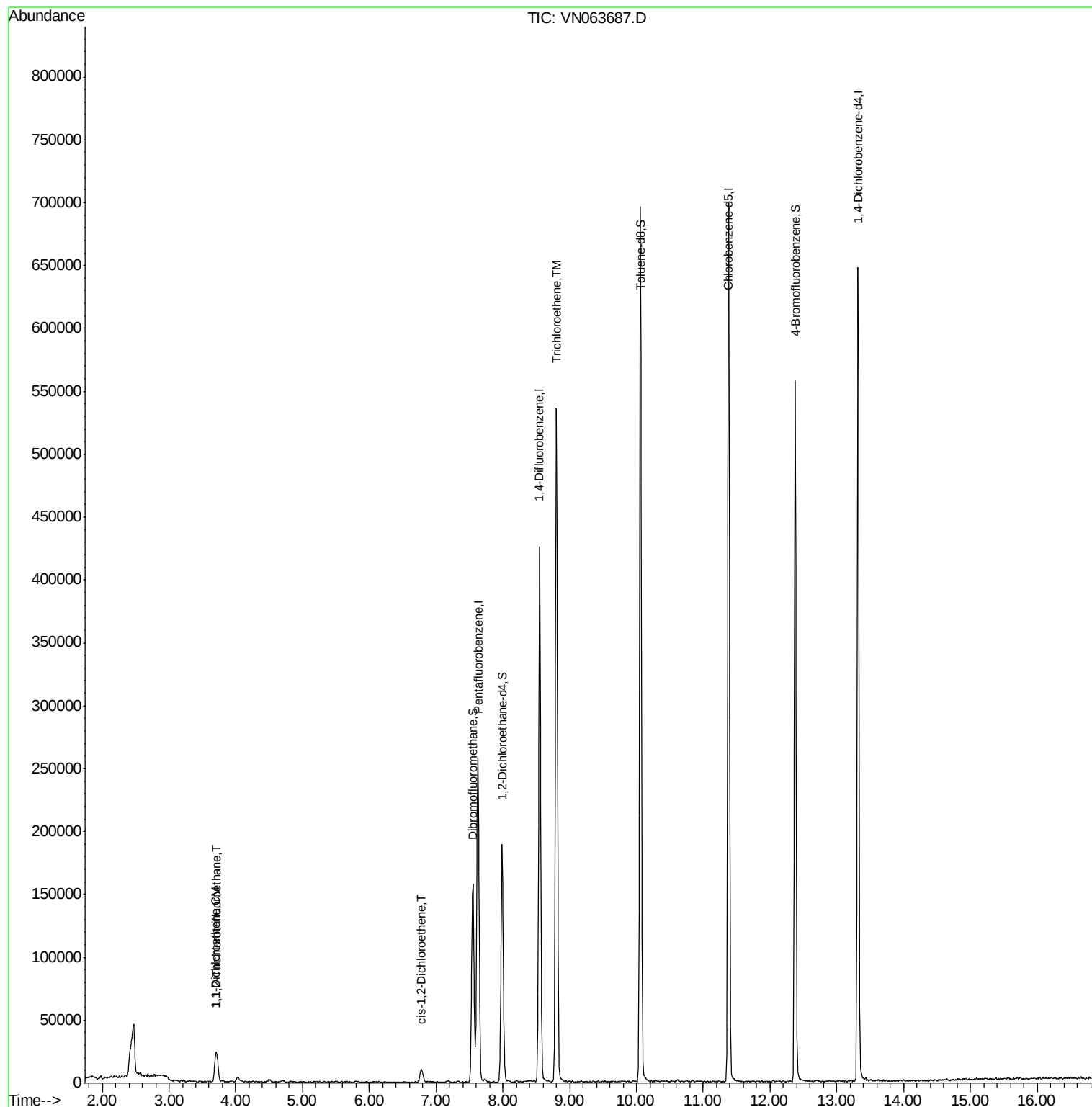
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092520\  
Data File : VN063687.D  
Acq On : 25 Sep 2020 18:43  
Operator : JC/MD  
Sample : L4119-17DL 4X  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 15 Sample Multiplier: 1

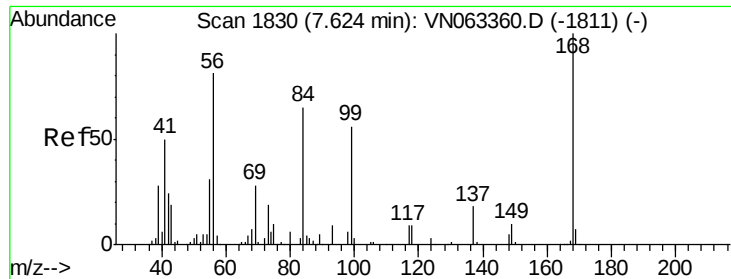
Instrument :  
MSVOA\_N  
ClientSampleId :  
TT101D1-20200922DL

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Quant Time: Sep 28 03:05:47 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N091620W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 16 13:05:20 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063687.D

Acq: 25 Sep 2020 18:43

Instrument :

MSVOA\_N

ClientSampleId :

TT101D1-20200922DL

Tot Ion:168 Resp: 191800

Ion Ratio Lower Upper

168 100

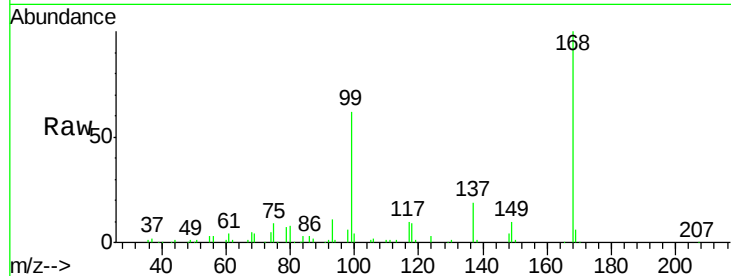
99 61.6 53.0 79.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

80000

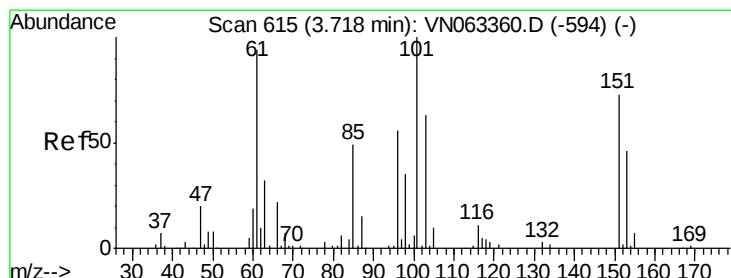
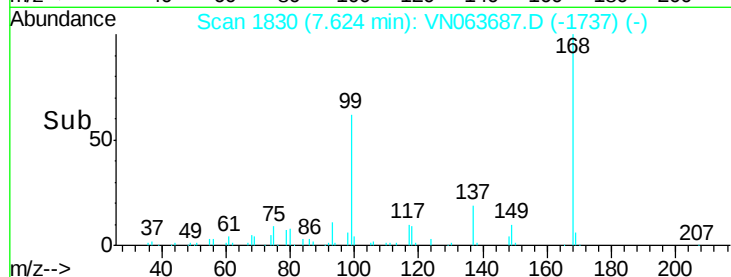
60000

40000

20000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.383 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN063687.D

Acq: 25 Sep 2020 18:43

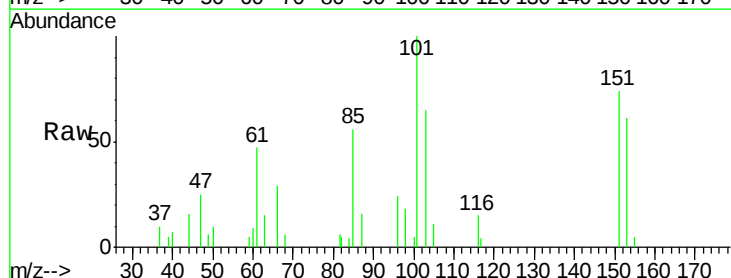
Tgt Ion:101 Resp: 11504

Ion Ratio Lower Upper

101 100

85 52.7 37.7 56.5

151 74.3 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V

3.71

5000

4000

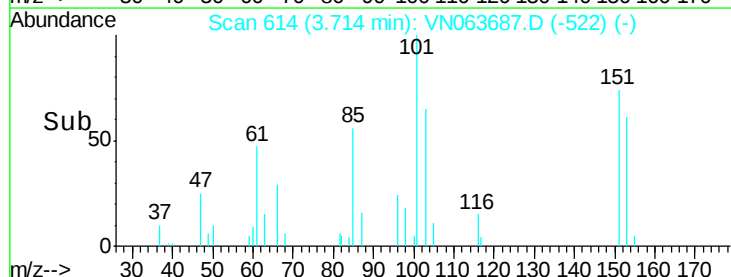
3000

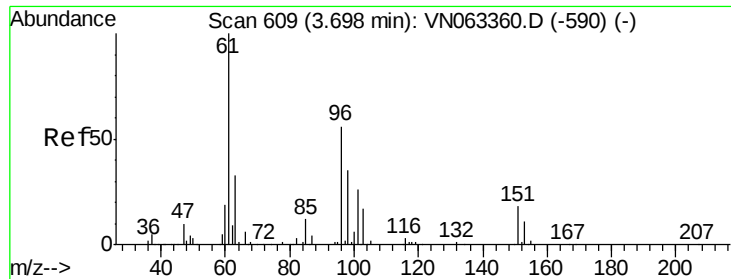
2000

1000

0

Time-->





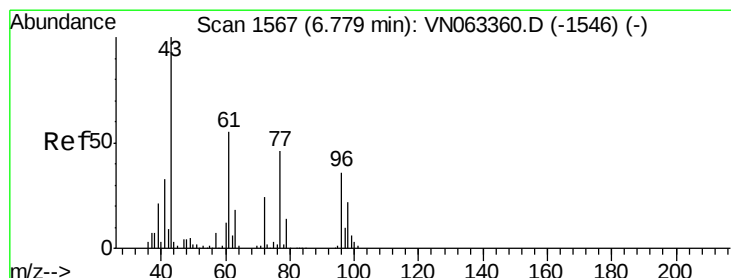
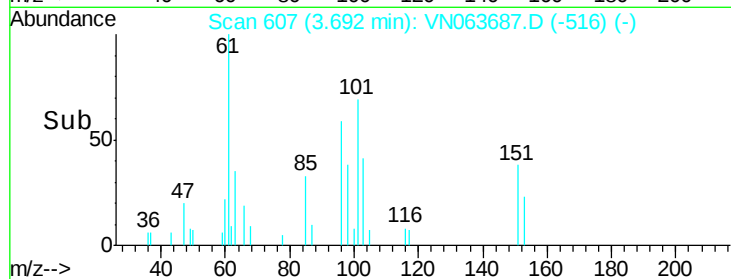
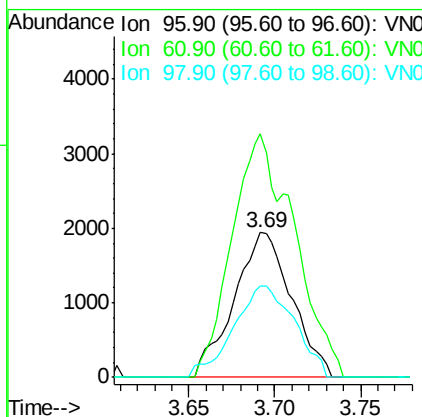
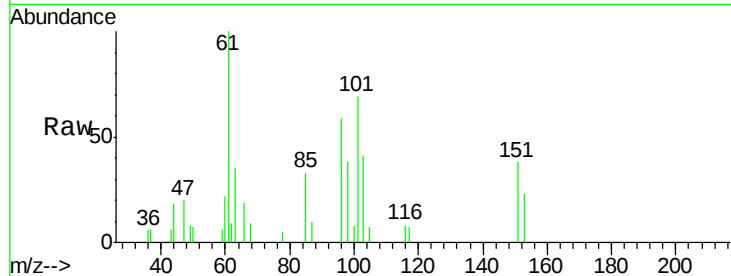
#12  
 1,1-Dichloroethene  
 Concen: 2.087 ug/l  
 RT: 3.69 min Scan# 607  
 Delta R.T. -0.01 min  
 Lab File: VN063687.D  
 Acq: 25 Sep 2020 18:43

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TT101D1-20200922DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 168.6 | 143.4 | 215.2 |
| 98      | 63.4  | 50.6  | 76.0  |

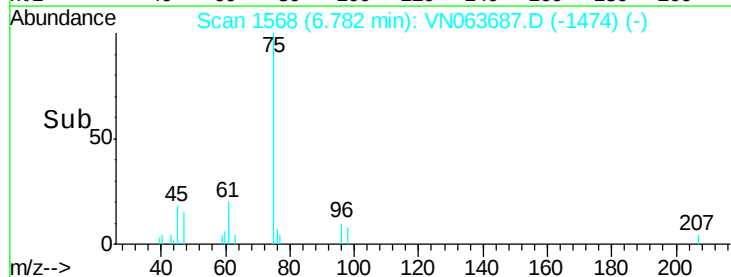
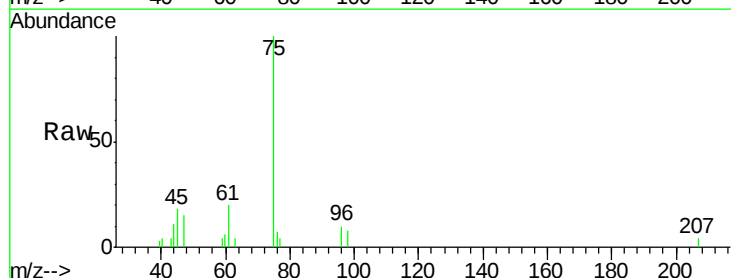
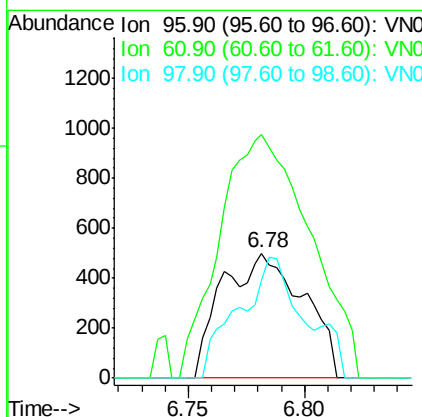
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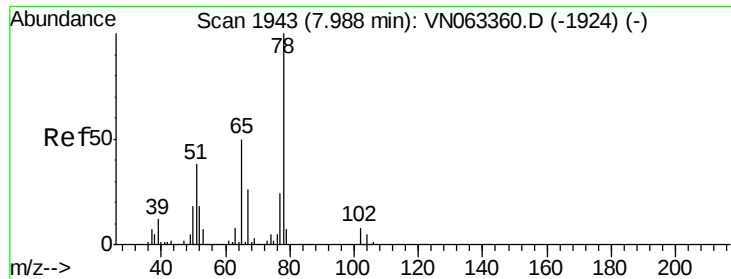
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#27  
 cis-1,2-Dichloroethene  
 Concen: 0.448 ug/l m  
 RT: 6.78 min Scan# 1568  
 Delta R.T. 0.00 min  
 Lab File: VN063687.D  
 Acq: 25 Sep 2020 18:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 216.0 | 0.0   | 319.6 |
| 98      | 69.1  | 0.0   | 127.8 |





#33

1,2-Dichloroethane-d4

Concen: 50.374 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN063687.D

Acq: 25 Sep 2020 18:43

Instrument :

MSVOA\_N

ClientSampleId :

TT101D1-20200922DL

Tot Ion: 65 Resp: 164467

Ion Ratio Lower Upper

65 100

67 50.1

0.0

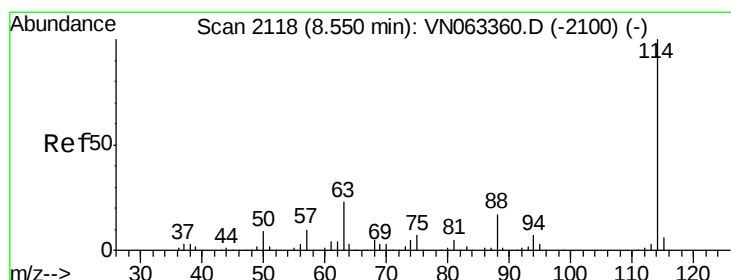
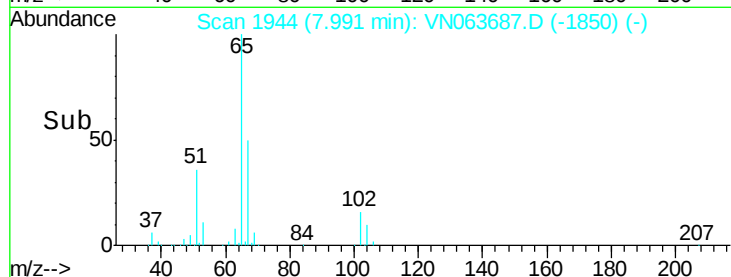
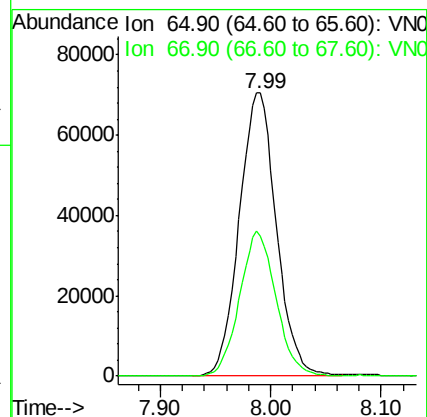
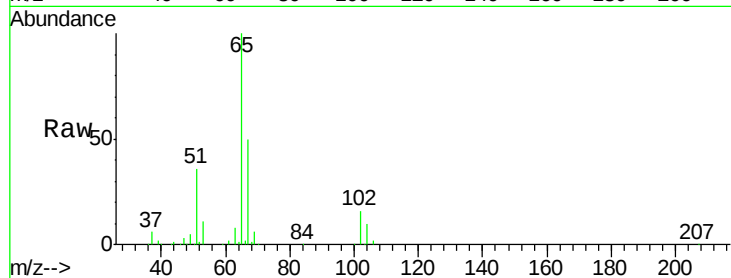
104.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063687.D

Acq: 25 Sep 2020 18:43

Tgt Ion: 114 Resp: 350453

Ion Ratio Lower Upper

114 100

63 23.2

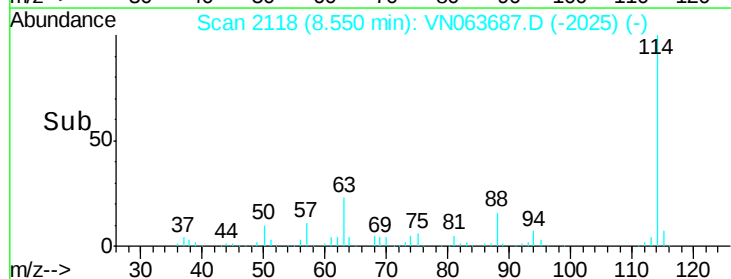
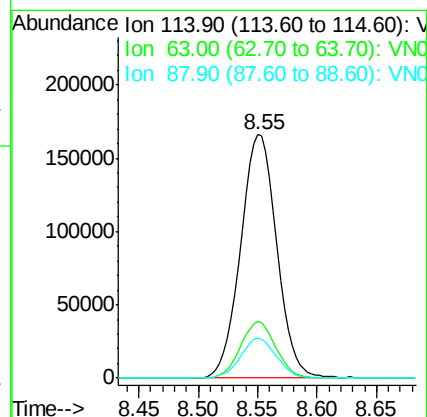
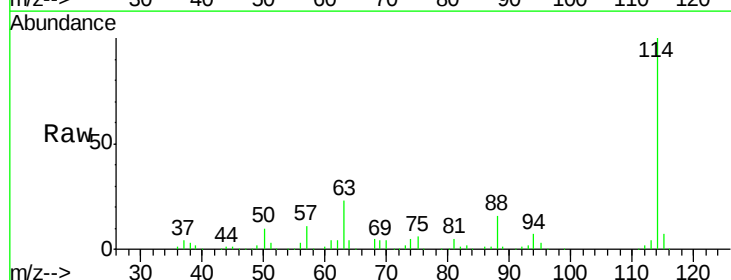
0.0

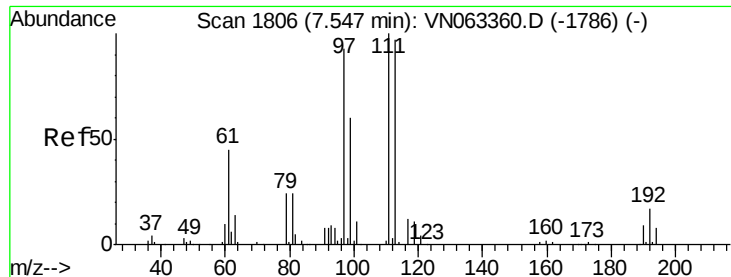
46.4

88 16.3

0.0

33.2





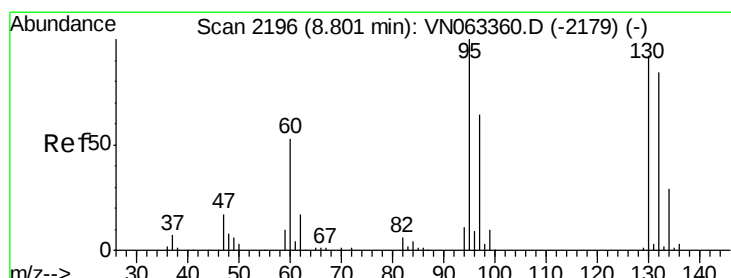
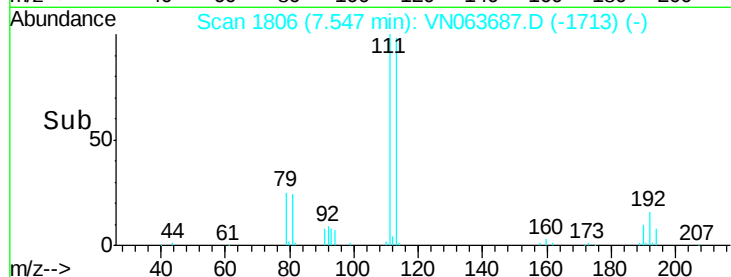
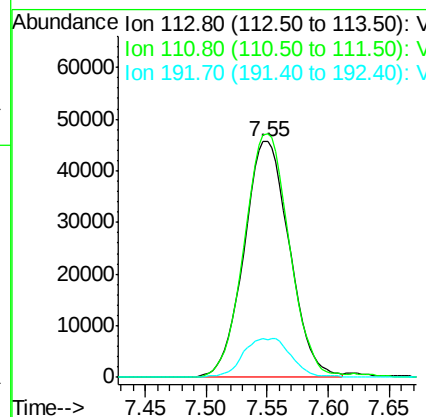
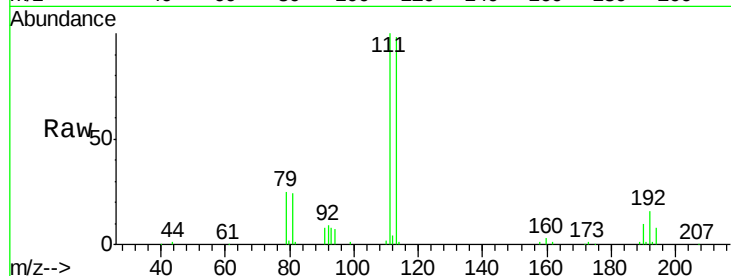
#35  
Dibromofluoromethane  
Concen: 48.589 ug/l  
RT: 7.55 min Scan# 1806  
Delta R.T. -0.00 min  
Lab File: VN063687.D  
Acq: 25 Sep 2020 18:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
TT101D1-20200922DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.2 | 82.9  | 124.3 |
| 192     | 17.5  | 13.9  | 20.9  |

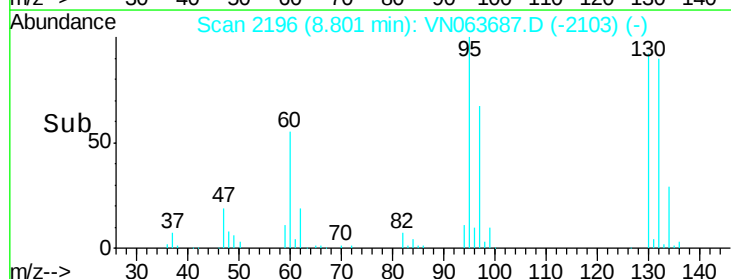
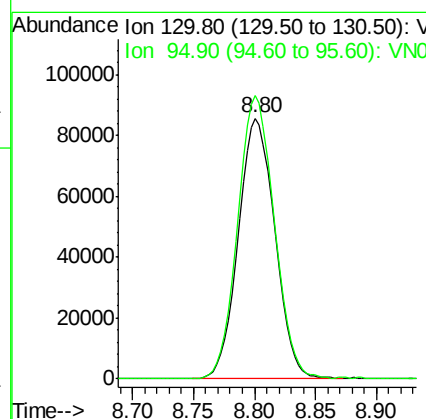
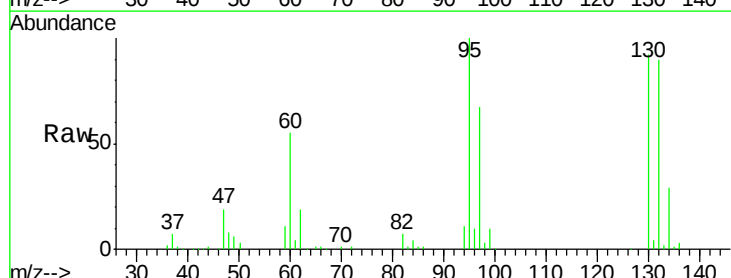
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#44  
Trichloroethene  
Concen: 68.938 ug/l  
RT: 8.80 min Scan# 2196  
Delta R.T. -0.00 min  
Lab File: VN063687.D  
Acq: 25 Sep 2020 18:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 108.6 | 0.0   | 217.4 |





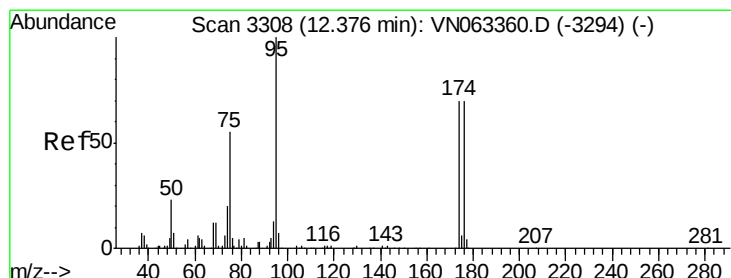
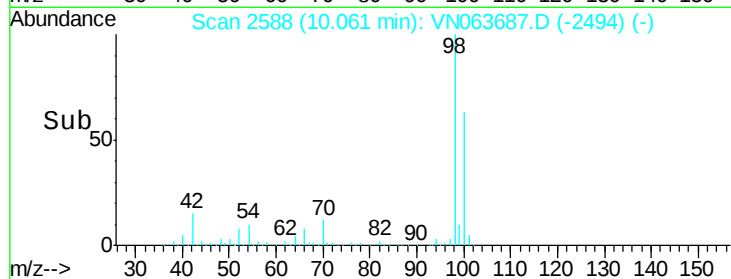
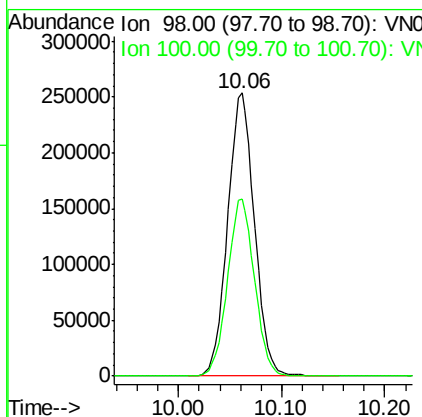
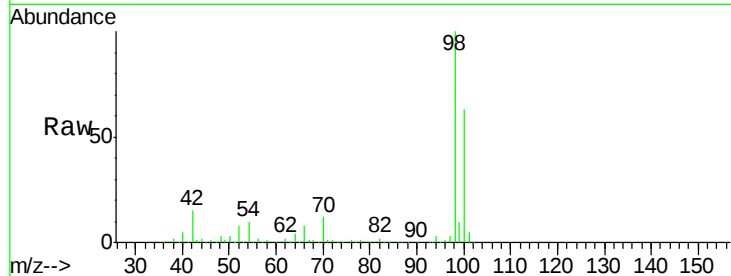
#50  
Toluene-d8  
Concen: 50.340 ug/l  
RT: 10.06 min Scan# 2588  
Delta R.T. 0.00 min  
Lab File: VN063687.D  
Acq: 25 Sep 2020 18:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
TT101D1-20200922DL

Tot Ion: 98 Resp: 459231  
Ion Ratio Lower Upper  
98 100  
100 63.2 50.7 76.1

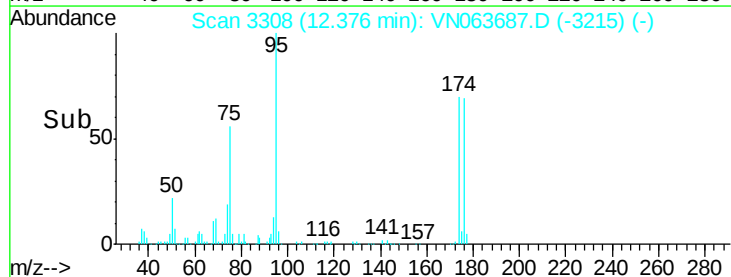
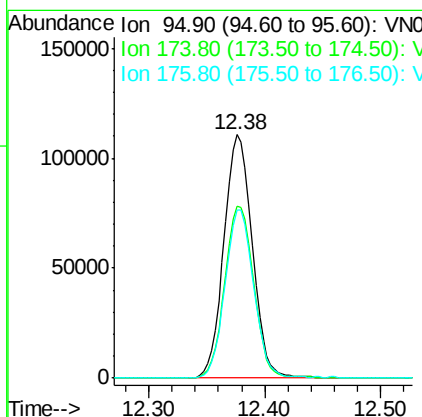
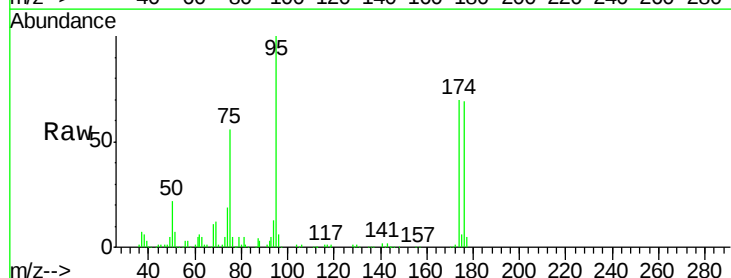
Manual Integrations  
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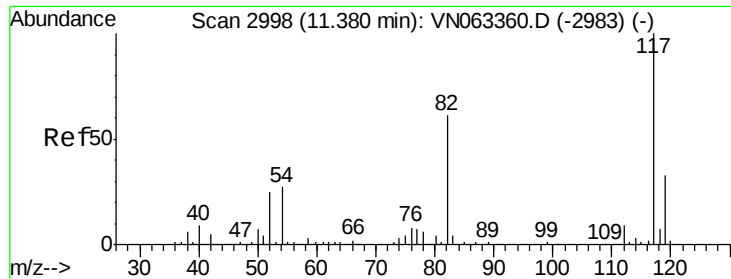
MMDadoda  
9/29/2020 10:40:58 AM



#62  
4-Bromofluorobenzene  
Concen: 56.049 ug/l  
RT: 12.38 min Scan# 3308  
Delta R.T. -0.00 min  
Lab File: VN063687.D  
Acq: 25 Sep 2020 18:43

Tgt Ion: 95 Resp: 187437  
Ion Ratio Lower Upper  
95 100  
174 71.7 0.0 140.8  
176 69.5 0.0 137.6





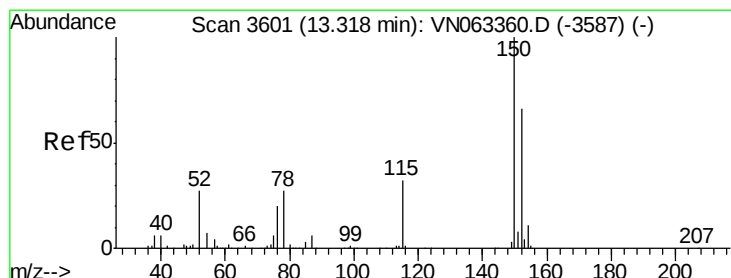
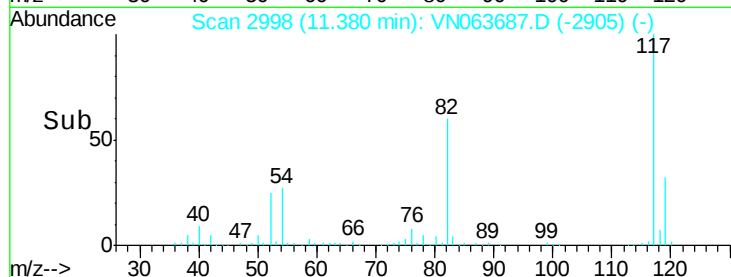
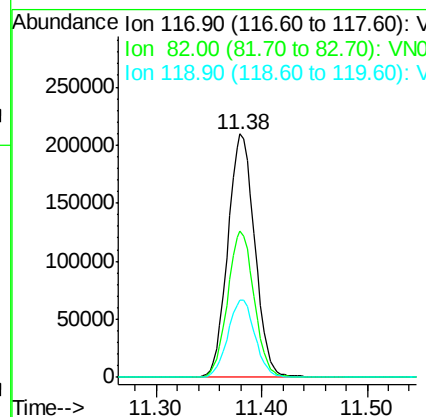
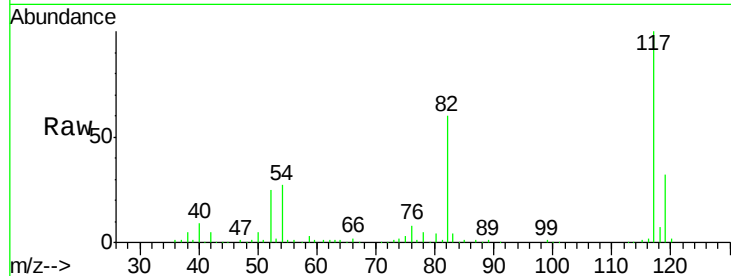
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2998  
Delta R.T. -0.00 min  
Lab File: VN063687.D  
Acq: 25 Sep 2020 18:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
TT101D1-20200922DL

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 369986 |       |       |
| 82      | 60.2  | 49.2   | 73.8  |       |
| 119     | 31.8  | 26.2   | 39.4  |       |

Manual Integrations  
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#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.32 min Scan# 3601  
Delta R.T. -0.00 min  
Lab File: VN063687.D  
Acq: 25 Sep 2020 18:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 157479 |       |       |
| 115     | 63.4  | 32.2   | 96.6  |       |
| 150     | 159.2 | 0.0    | 343.4 |       |

