

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092520\  
 Data File : VN063683.D  
 Acq On : 25 Sep 2020 17:07  
 Operator : JC/MD  
 Sample : L4119-01DL 10X  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RE103D1-20200921DL

Manual Integrations  
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 9/29/2020 10:40:51 AM

Quant Time: Sep 28 08:20:27 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         | 7.63  | 168  | 193246   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.55  | 114  | 365279   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5          | 11.38 | 117  | 371334   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.32 | 152  | 157919   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds   |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4     | 7.99  | 65   | 167994   | 51.07  | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =      | 102.14% |          |
| 35) Dibromofluoromethane      | 7.55  | 113  | 121970   | 48.23  | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =      | 96.46%  |          |
| 50) Toluene-d8                | 10.06 | 98   | 474956   | 49.95  | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =      | 99.90%  |          |
| 62) 4-Bromofluorobenzene      | 12.38 | 95   | 183379   | 52.61  | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =      | 105.22% |          |
| Target Compounds              |       |      |          |        |         |          |
| 9) 1,1,2-Trichlorotrifluoroet | 3.73  | 101  | 1050m    | 0.488  | ug/l    | Qvalue   |
| 44) Trichloroethene           | 8.80  | 130  | 139960   | 51.945 | ug/l    | 100      |
| 64) Tetrachloroethene         | 10.60 | 164  | 1399     | 0.553  | ug/l #  | 91       |

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

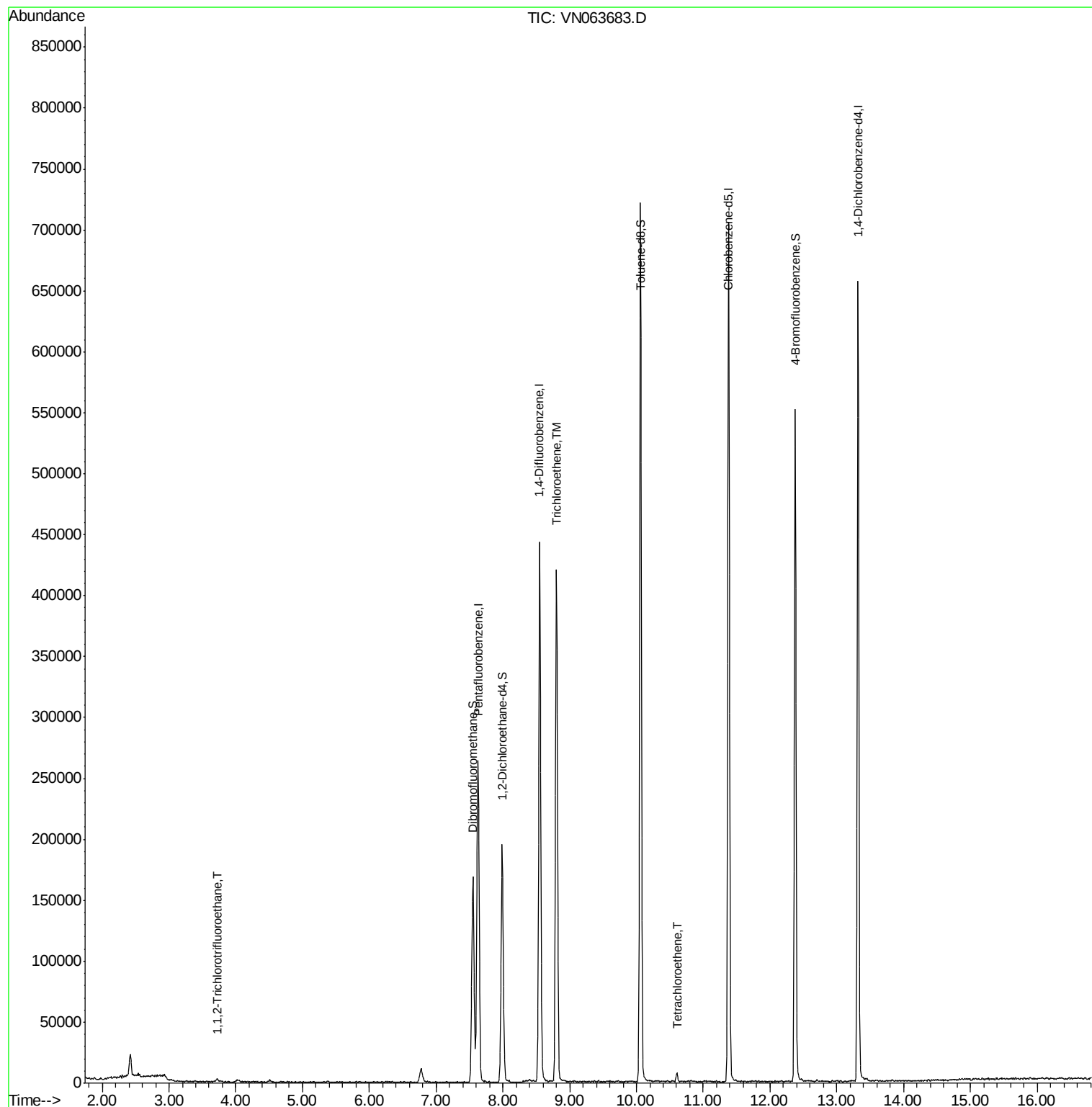
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092520\  
Data File : VN063683.D  
Acq On : 25 Sep 2020 17:07  
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Quant Time: Sep 28 08:20:27 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N091620W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 16 13:05:20 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063683.D

Acq: 25 Sep 2020 17:07

Instrument :

MSVOA\_N

ClientSampleId :

RE103D1-20200921DL

Tot Ion:168 Resp: 193246

Ion Ratio Lower Upper

168 100

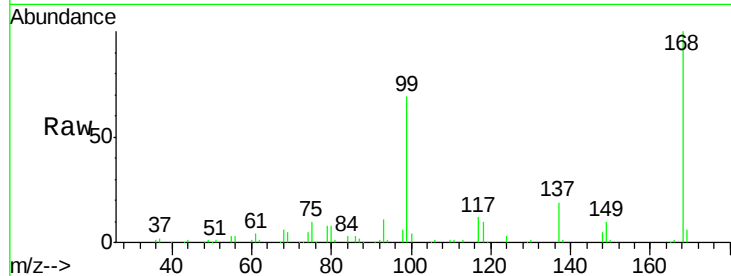
99 68.8 53.0 79.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

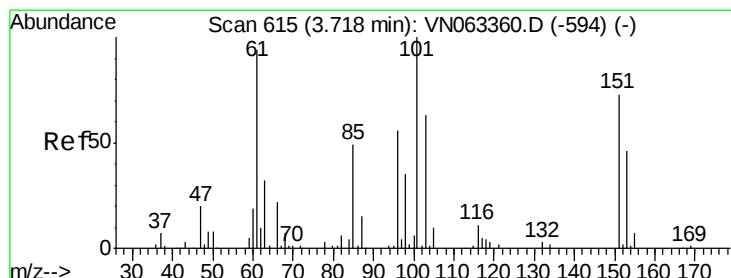
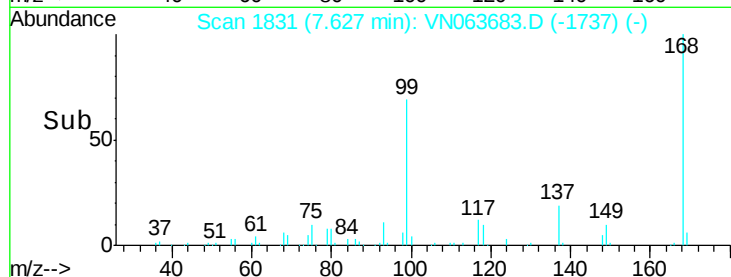
60000

40000

20000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.488 ug/l m

RT: 3.73 min Scan# 620

Delta R.T. 0.02 min

Lab File: VN063683.D

Acq: 25 Sep 2020 17:07

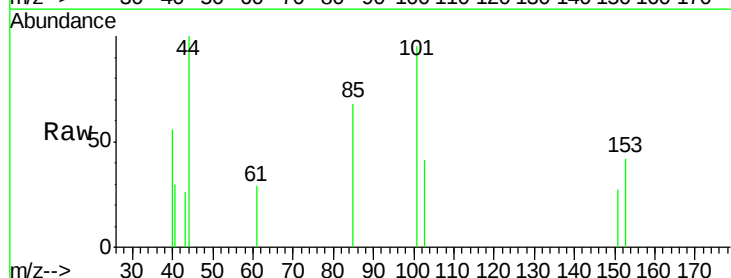
Tgt Ion:101 Resp: 1050

Ion Ratio Lower Upper

101 100

85 23.9 37.7 56.5#

151 72.7 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

3.73

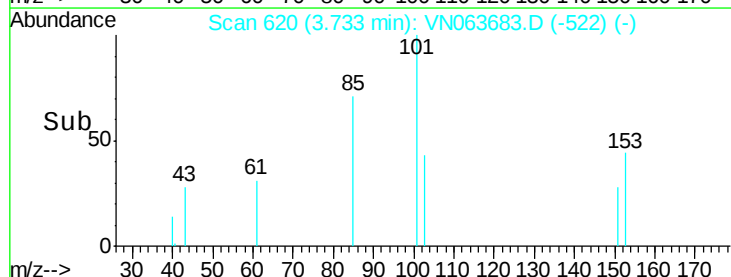
600

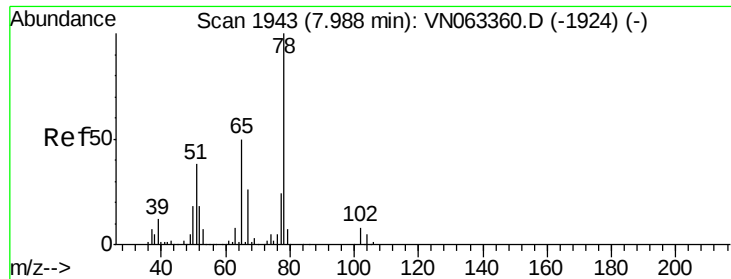
400

200

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 51.069 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063683.D

Acq: 25 Sep 2020 17:07

Instrument :

MSVOA\_N

ClientSampleId :

RE103D1-20200921DL

Tot Ion: 65 Resp: 167994

Ion Ratio Lower Upper

65 100

67 49.3

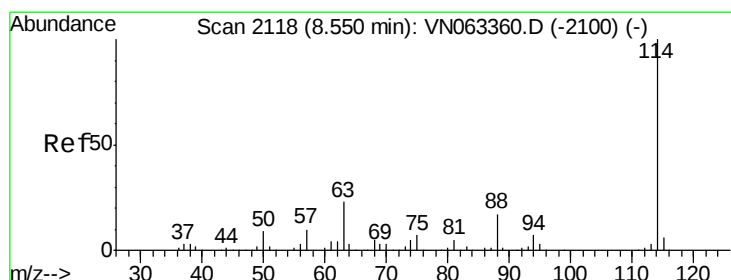
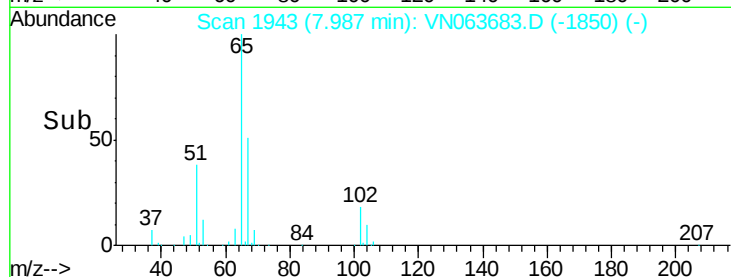
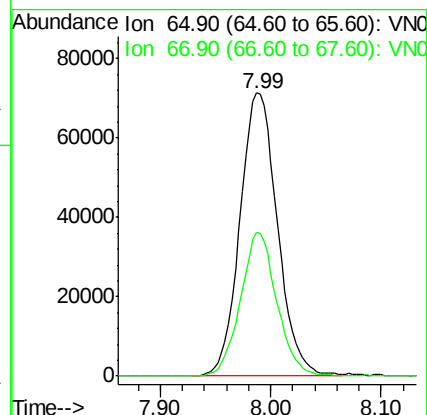
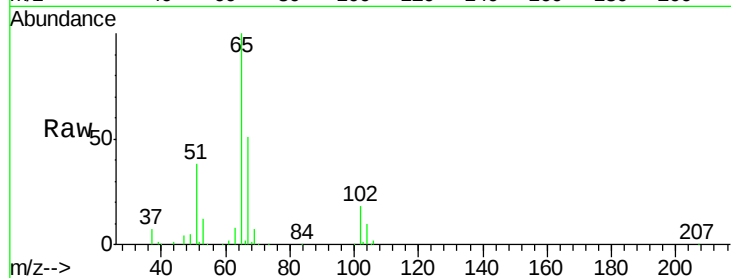
0.0 104.2

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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: VN063683.D

Acq: 25 Sep 2020 17:07

Tgt Ion: 114 Resp: 365279

Ion Ratio Lower Upper

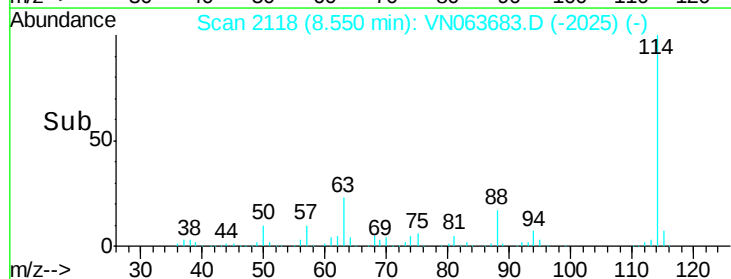
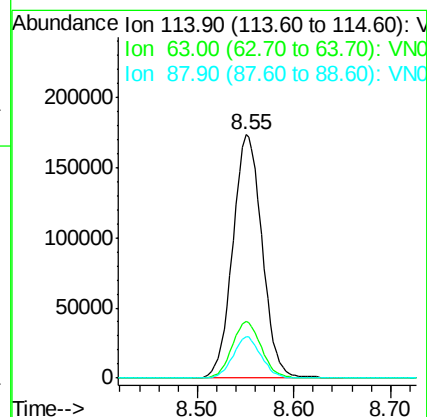
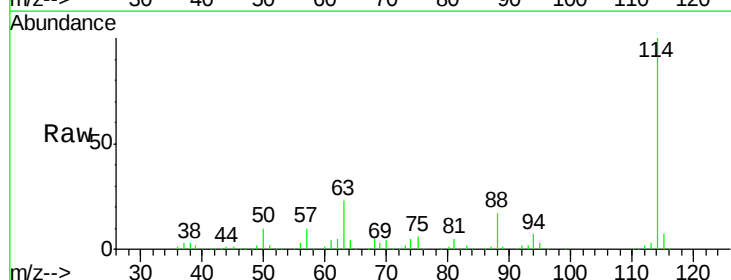
114 100

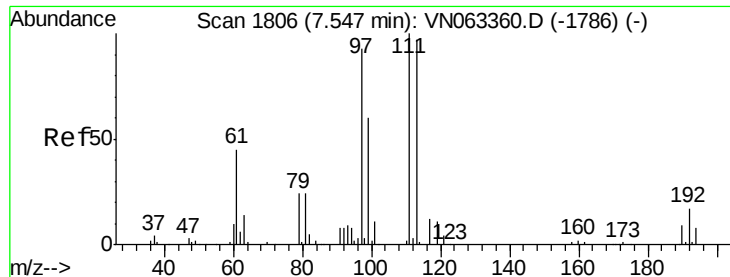
63 23.2

88 17.0

0.0 46.4

0.0 33.2





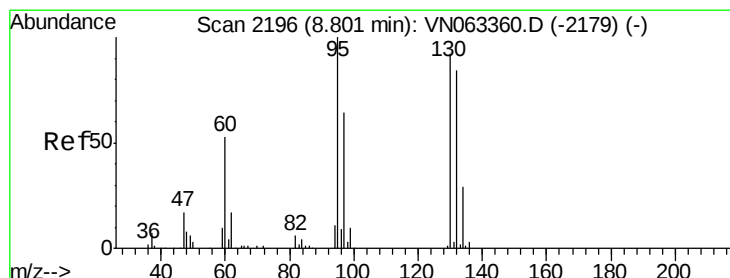
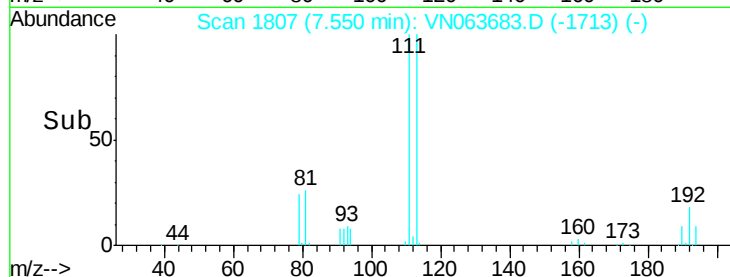
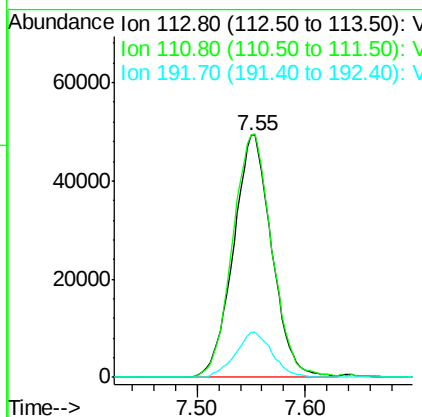
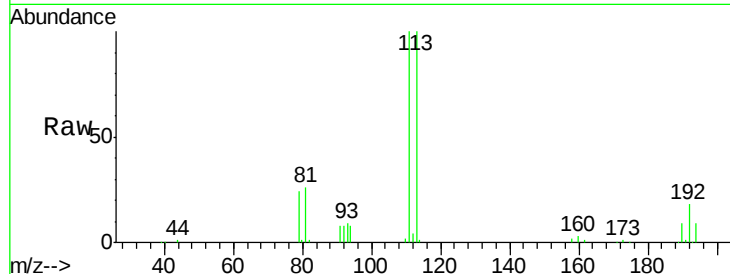
#35  
Dibromofluoromethane  
Concen: 48.233 ug/l  
RT: 7.55 min Scan# 1807  
Delta R.T. 0.00 min  
Lab File: VN063683.D  
Acq: 25 Sep 2020 17:07

Instrument :  
MSVOA\_N  
ClientSampleId :  
RE103D1-20200921DL

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 121970 |       |       |
| 111     | 103.4 | 82.9   | 124.3 |       |
| 192     | 18.0  | 13.9   | 20.9  |       |

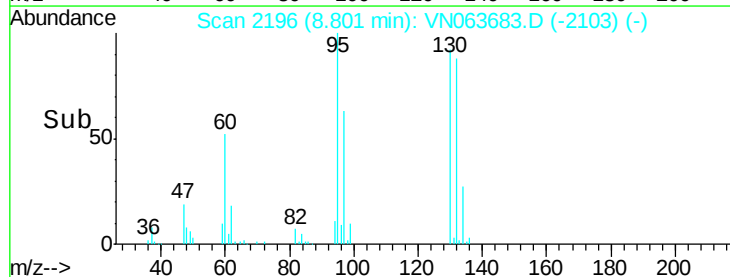
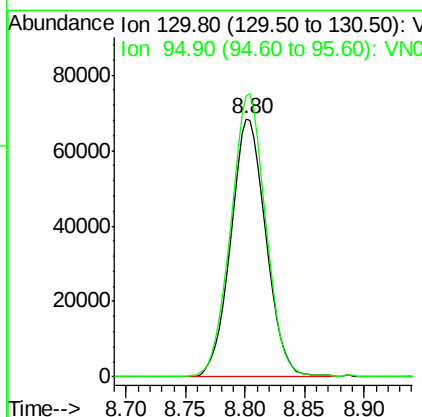
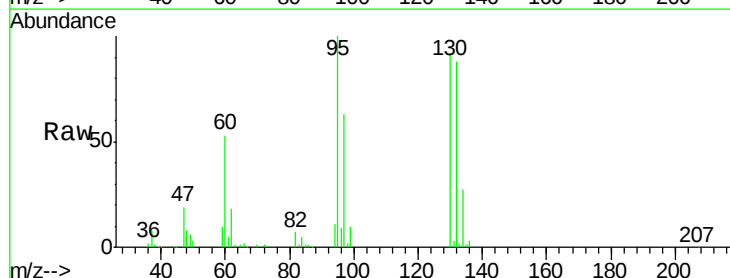
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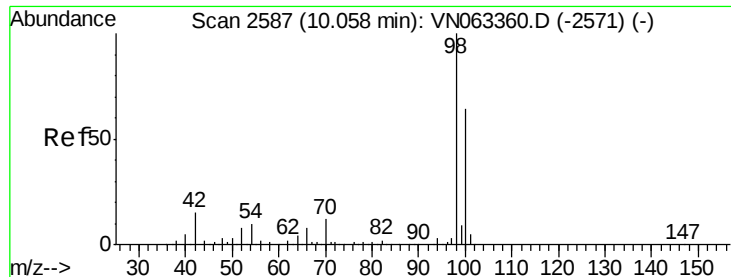
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#44  
Trichloroethene  
Concen: 51.945 ug/l  
RT: 8.80 min Scan# 2196  
Delta R.T. -0.00 min  
Lab File: VN063683.D  
Acq: 25 Sep 2020 17:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 130     | 100   | 139960 |       |       |
| 95      | 108.7 | 0.0    | 217.4 |       |





#50

Toluene-d8

Concen: 49.950 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063683.D

Acq: 25 Sep 2020 17:07

Instrument :

MSVOA\_N

ClientSampleId :

RE103D1-20200921DL

Tot Ion: 98 Resp: 474956

Ion Ratio Lower Upper

98 100

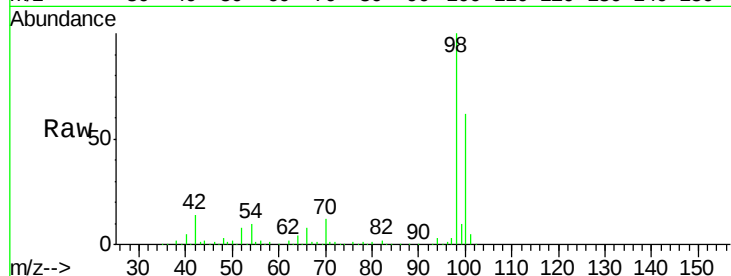
100 62.4 50.7 76.1

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Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.06

250000

200000

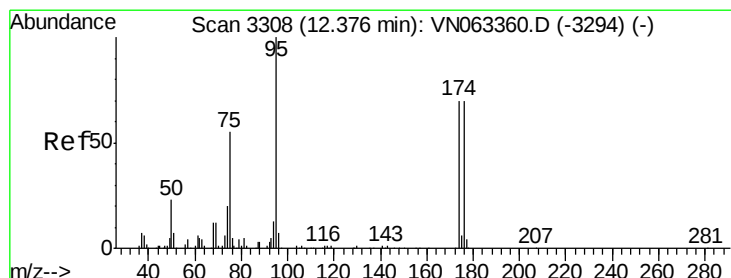
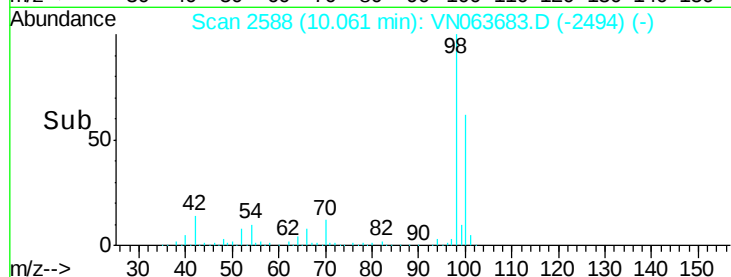
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.609 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063683.D

Acq: 25 Sep 2020 17:07

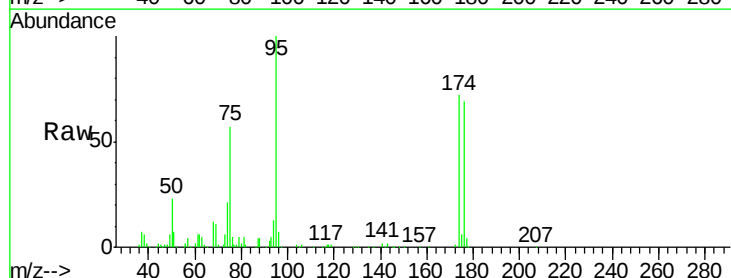
Tgt Ion: 95 Resp: 183379

Ion Ratio Lower Upper

95 100

174 73.9 0.0 140.8

176 70.2 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.38

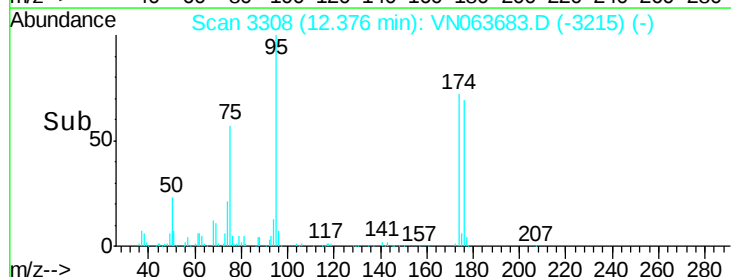
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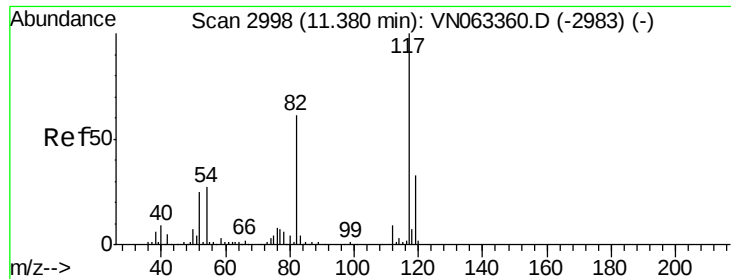
100000

50000

0

Time-->





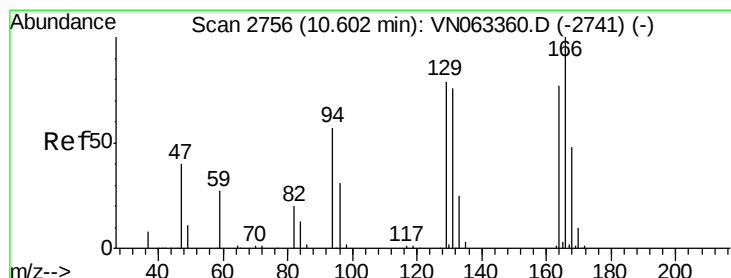
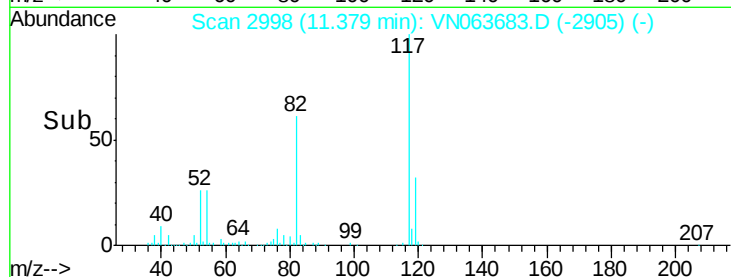
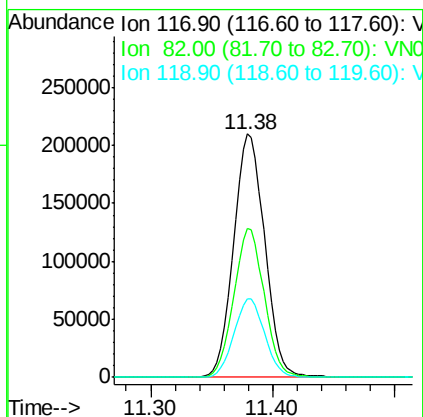
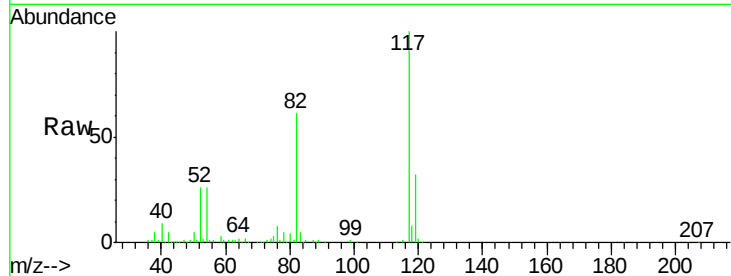
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2998  
Delta R.T. -0.00 min  
Lab File: VN063683.D  
Acq: 25 Sep 2020 17:07

Instrument :  
MSVOA\_N  
ClientSampleId :  
RE103D1-20200921DL

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 371334 |       |       |
| 82      | 61.2  | 49.2   | 73.8  |       |
| 119     | 32.1  | 26.2   | 39.4  |       |

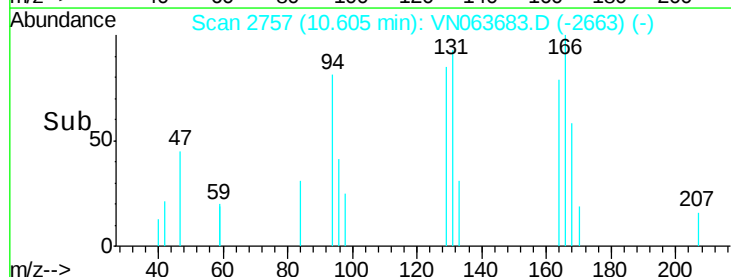
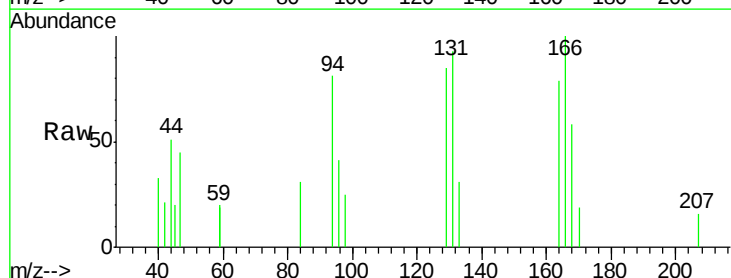
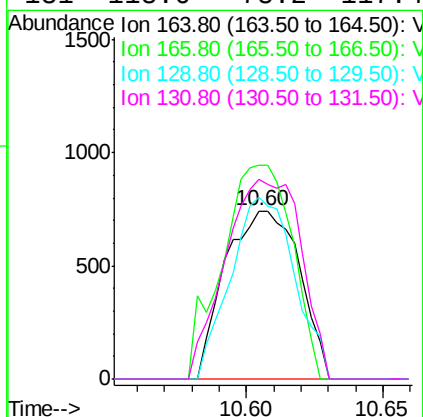
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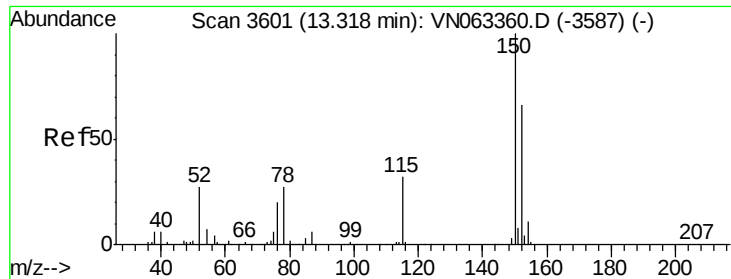
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9/29/2020 10:40:51 AM



#64  
Tetrachloroethene  
Concen: 0.553 ug/l  
RT: 10.60 min Scan# 2757  
Delta R.T. 0.00 min  
Lab File: VN063683.D  
Acq: 25 Sep 2020 17:07

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 1399  |       |       |
| 166     | 126.9 | 103.4 | 155.0 |       |
| 129     | 108.2 | 81.8  | 122.6 |       |
| 131     | 118.6 | 78.2  | 117.4 |       |





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063683.D

Acq: 25 Sep 2020 17:07

Instrument :

MSVOA\_N

ClientSampleId :

RE103D1-20200921DL

Tot Ion:152 Resp: 157919

Ion Ratio Lower Upper

152 100

115 62.1 32.2 96.6

150 155.1 0.0 343.4

Manual Integrations

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