

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111220\  
 Data File : VN064610.D  
 Acq On : 13 Nov 2020 4:09  
 Operator : JC/MD  
 Sample : PB132945ZHE#08  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB132945ZHE#08

Manual Integrations  
 APPROVED

MMDadoda  
 11/13/2020 11:43:15 AM

Quant Time: Nov 13 06:18:57 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N110420W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 04 12:09:03 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 1) Pentafluorobenzene       | 7.63  | 168  | 224924   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.55  | 114  | 508030   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.38 | 117  | 543254   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.32 | 152  | 201171   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 7.99  | 65   | 233052   | 59.49 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 118.98% |          |
| 35) Dibromofluoromethane    | 7.55  | 113  | 169279   | 48.94 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 97.88%  |          |
| 50) Toluene-d8              | 10.06 | 98   | 651688   | 48.75 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 97.50%  |          |
| 62) 4-Bromofluorobenzene    | 12.38 | 95   | 245829   | 48.62 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 97.24%  |          |
| Target Compounds            |       |      |          |       |         |          |
| 16) Acetone                 | 3.79  | 43   | 12918m   | 8.656 | ug/l    | Qvalue   |
| 20) Methylene Chloride      | 4.50  | 84   | 7004     | 2.365 | ug/l #  | 84       |
| 43) Isopropyl Acetate       | 8.13  | 43   | 35748    | 4.110 | ug/l    | 97       |

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

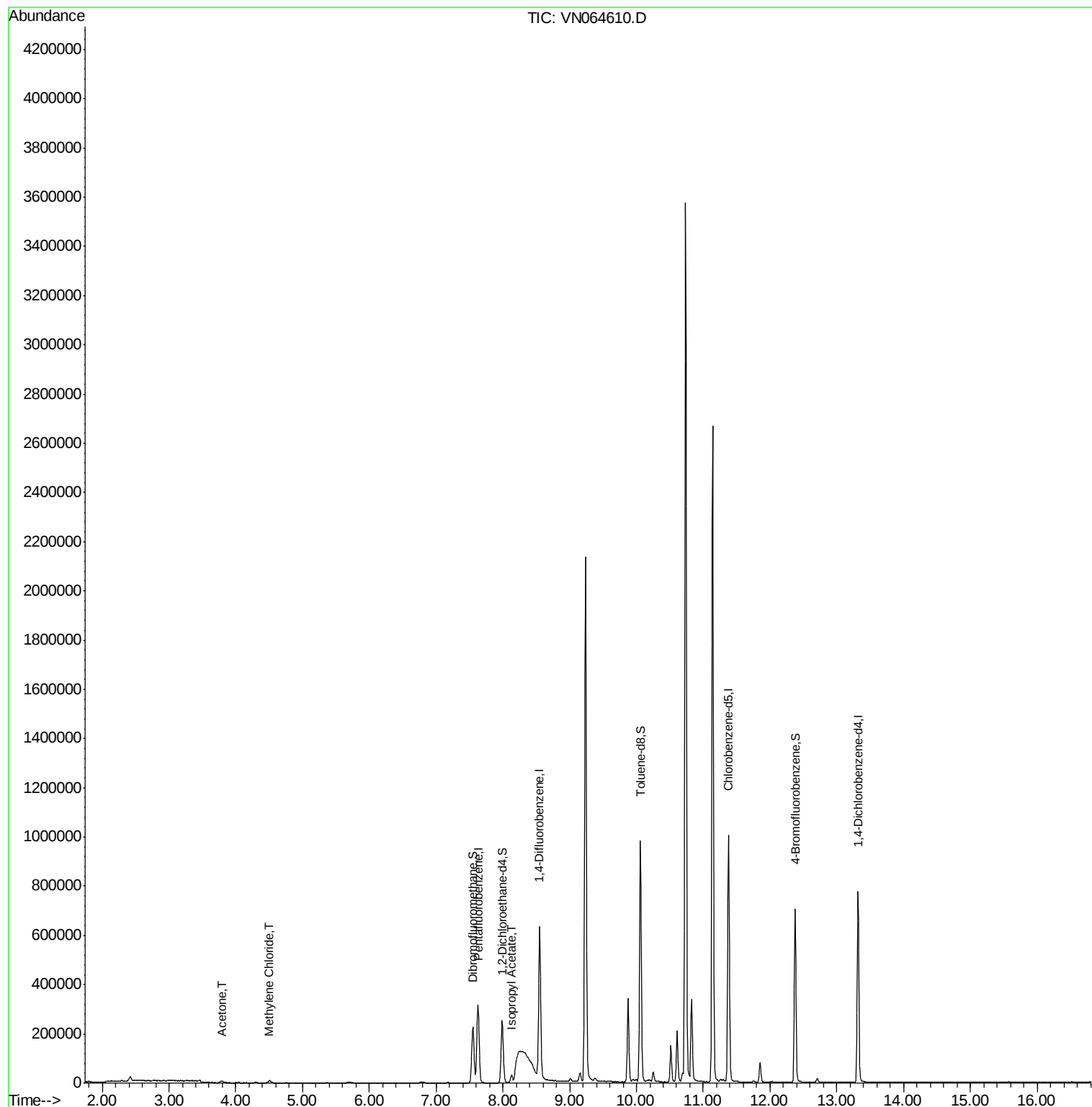
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111220\  
Data File : VN064610.D  
Acq On : 13 Nov 2020 4:09  
Operator : JC/MD  
Sample : PB132945ZHE#08  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 44 Sample Multiplier: 1

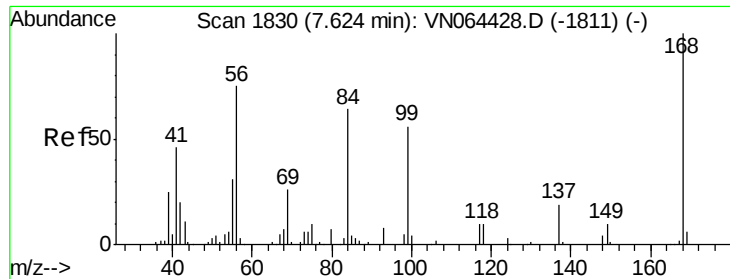
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB132945ZHE#08

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11/13/2020 11:43:15 AM

Quant Time: Nov 13 06:18:57 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N110420W.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 04 12:09:03 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: VN064610.D

Acq: 13 Nov 2020 4:09

Instrument :

MSVOA\_N

ClientSampleId :

PB132945ZHE#08

Tot Ion:168 Resp: 224924

Ion Ratio Lower Upper

168 100

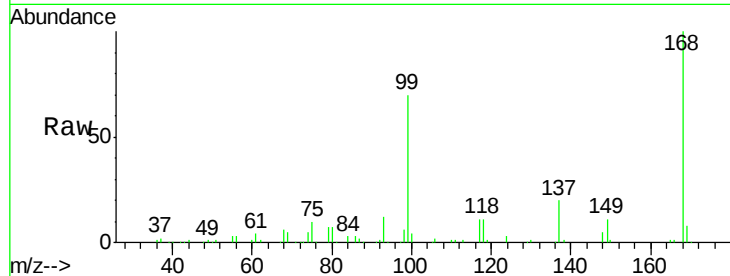
99 69.6 53.4 80.2

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Abundance Ion 167.90 (167.60 to 168.60): VN064610.D (-1737) (-)

Ion 98.90 (98.60 to 99.60): VN064610.D (-1737) (-)

7.63

100000

80000

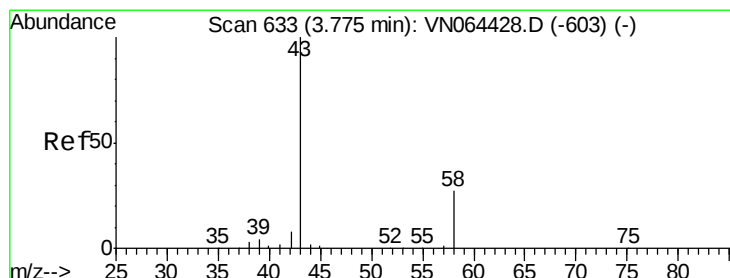
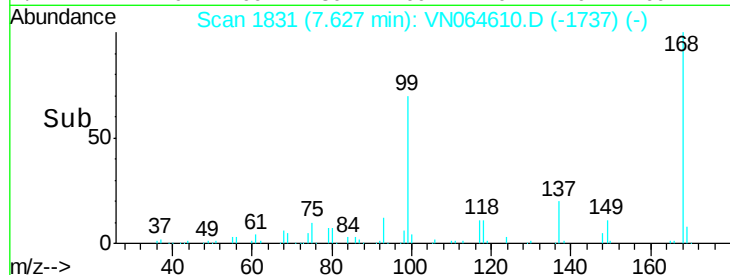
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 8.656 ug/l m

RT: 3.79 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN064610.D

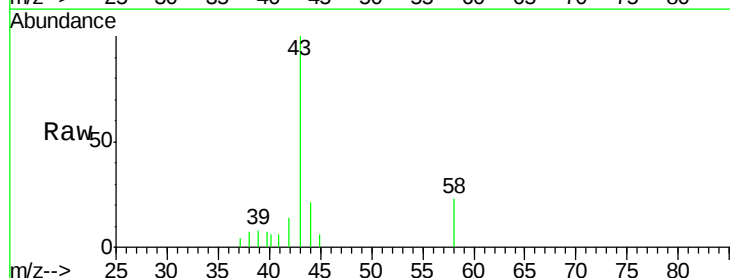
Acq: 13 Nov 2020 4:09

Tgt Ion: 43 Resp: 12918

Ion Ratio Lower Upper

43 100

58 22.5 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VN064610.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN064610.D (-540) (-)

3.79

5000

4000

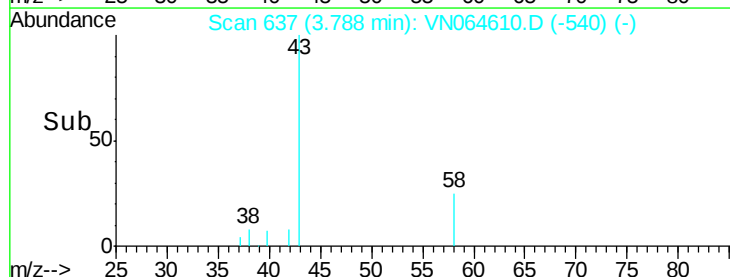
3000

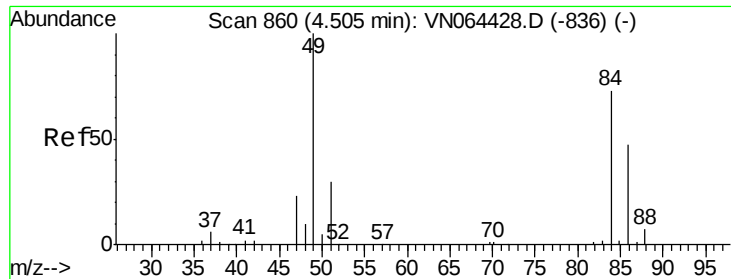
2000

1000

0

Time--> 3.70 3.75 3.80 3.85





#20

Methvlene Chloride

Concen: 2.365 ug/l

RT: 4.50 min Scan# 859

Delta R.T. -0.00 min

Lab File: VN064610.D

Acq: 13 Nov 2020 4:09

Instrument :

MSVOA\_N

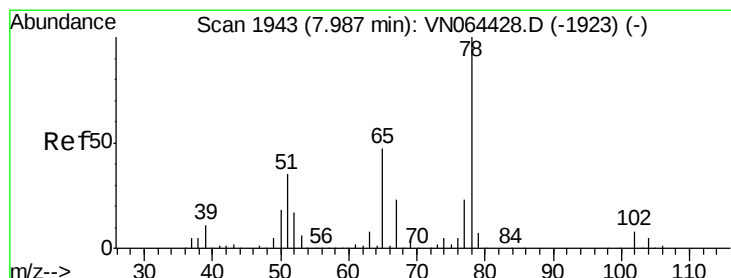
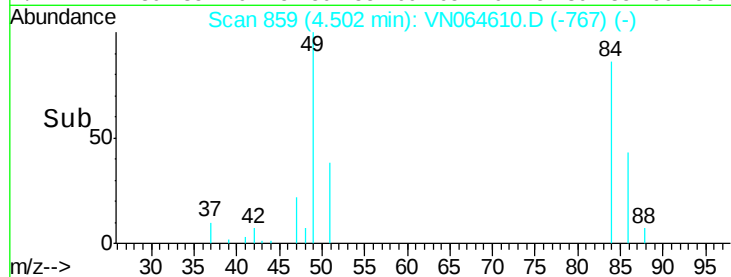
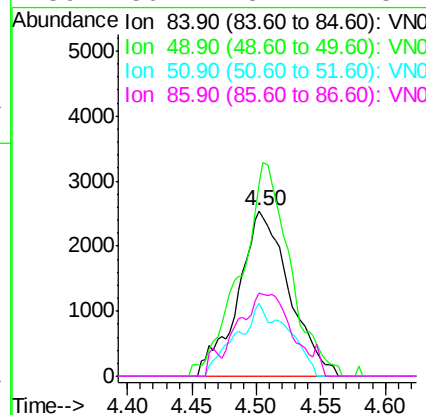
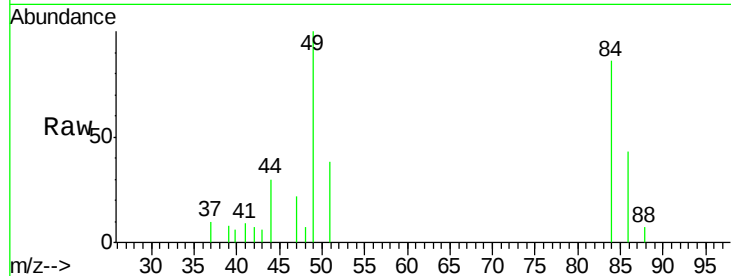
ClientSampleId :

PB132945ZHE#08

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 84    | Resp: | 7004  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 115.9 | 110.1 | 165.1 |
| 51       | 44.3  | 33.6  | 50.4  |
| 86       | 50.2  | 52.1  | 78.1# |

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#33

1,2-Dichloroethane-d4

Concen: 59.485 ug/l

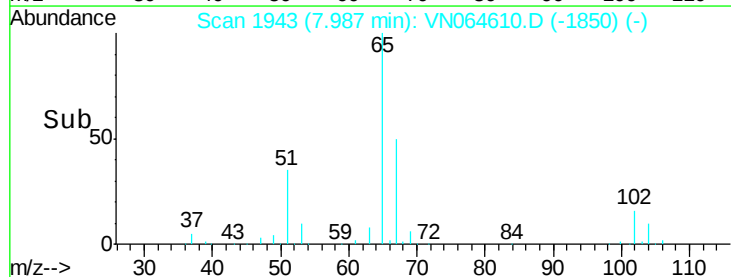
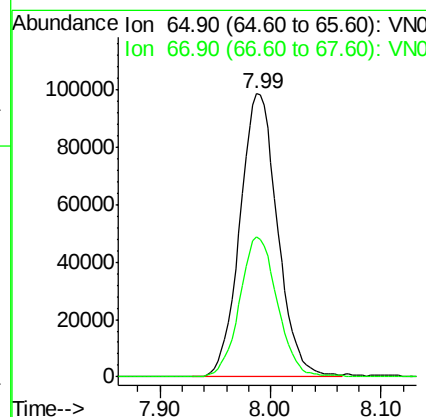
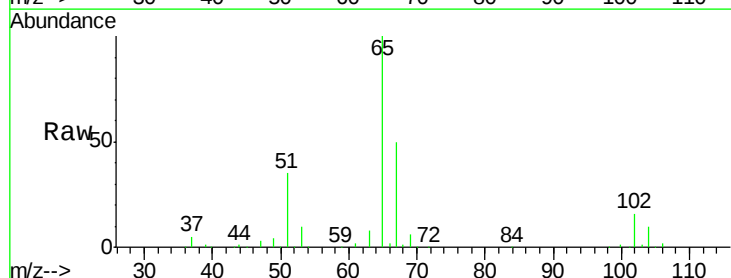
RT: 7.99 min Scan# 1943

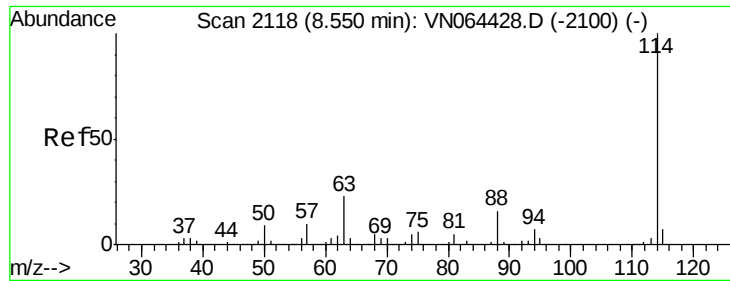
Delta R.T. -0.00 min

Lab File: VN064610.D

Acq: 13 Nov 2020 4:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 233052 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 49.5  | 0.0   | 101.6  |





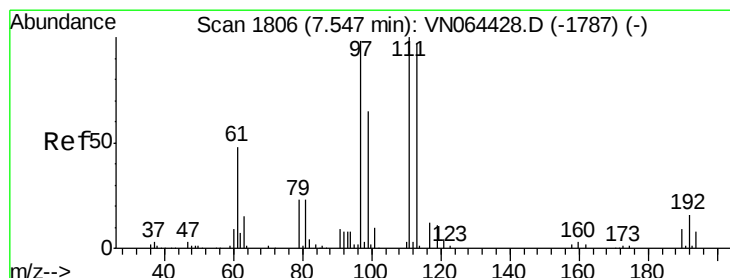
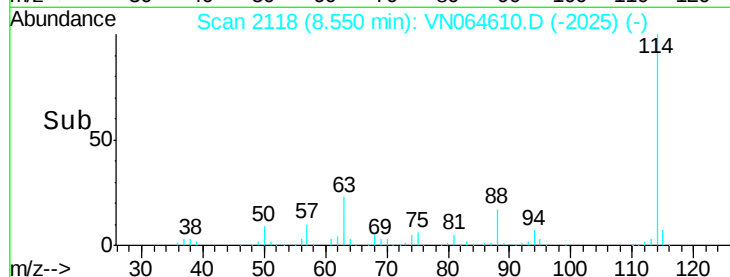
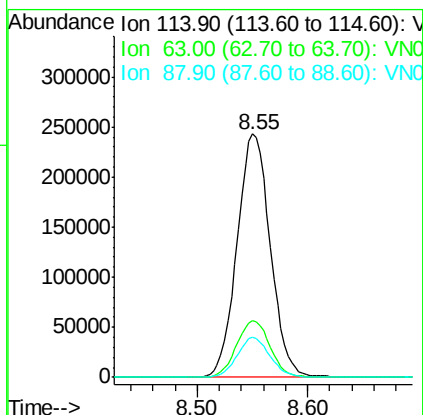
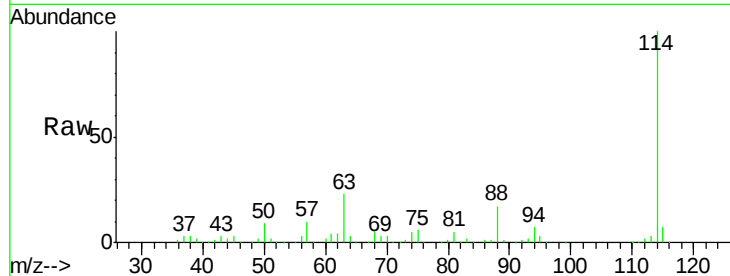
#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.55 min Scan# 2118  
Delta R.T. 0.00 min  
Lab File: VN064610.D  
Acq: 13 Nov 2020 4:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB132945ZHE#08

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 114     | 100   |            |       |
| 63      | 23.3  | 0.0        | 45.6  |
| 88      | 16.6  | 0.0        | 32.8  |

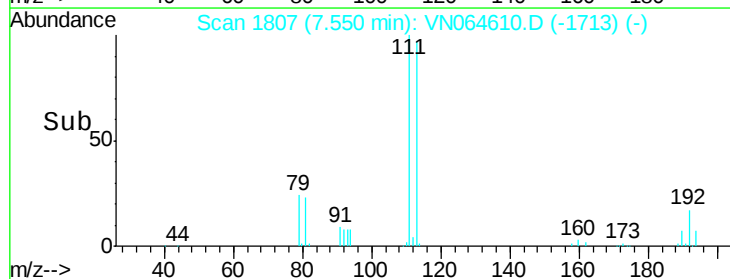
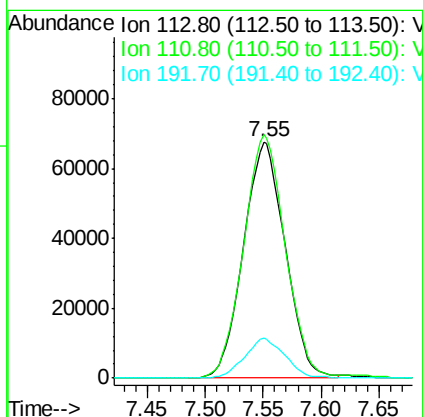
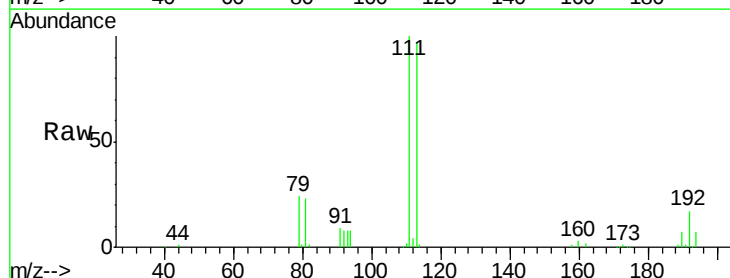
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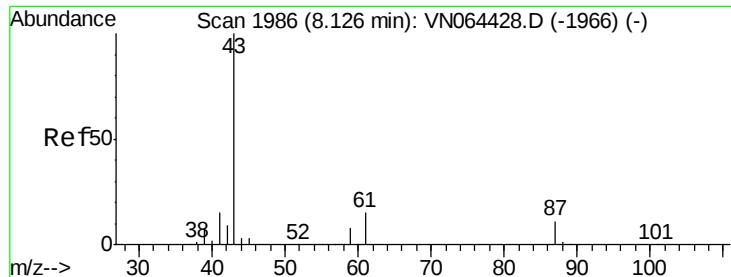
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#35  
Dibromofluoromethane  
Concen: 48.939 ug/l  
RT: 7.55 min Scan# 1807  
Delta R.T. 0.00 min  
Lab File: VN064610.D  
Acq: 13 Nov 2020 4:09

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 113     | 100   |            |       |
| 111     | 103.5 | 81.1       | 121.7 |
| 192     | 16.3  | 12.8       | 19.2  |





#43

Isopropyl Acetate

Concen: 4.110 ug/l

RT: 8.13 min Scan# 1988

Delta R.T. 0.01 min

Lab File: VN064610.D

Acq: 13 Nov 2020 4:09

Instrument :

MSVOA\_N

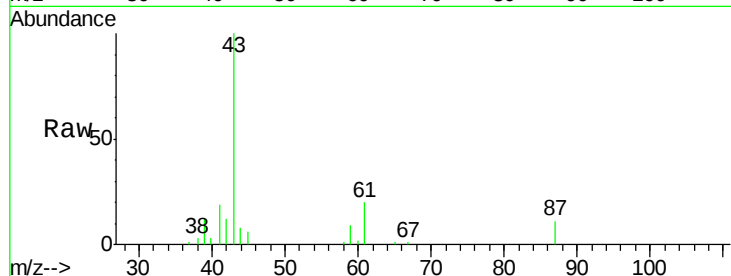
ClientSampleId :

PB132945ZHE#08

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 35748 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 18.5  | 14.0  | 21.0  |
| 87       | 13.0  | 9.1   | 13.7  |

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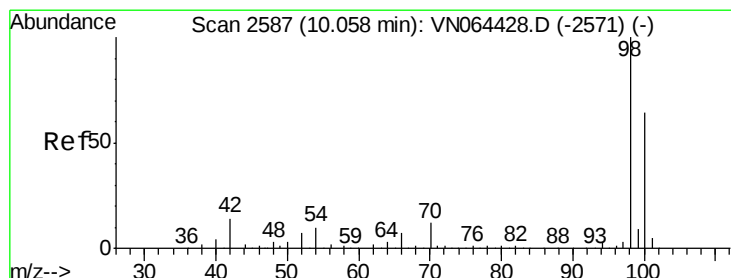
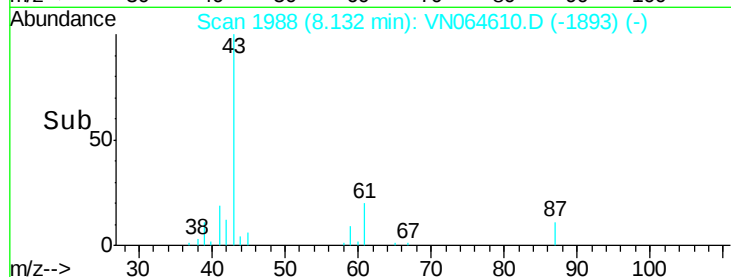
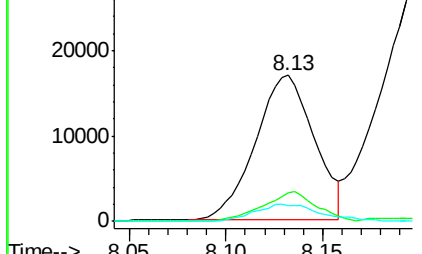


Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN064428.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN064428.D (-1966) (-)

Time-->



#50

Toluene-d8

Concen: 48.746 ug/l

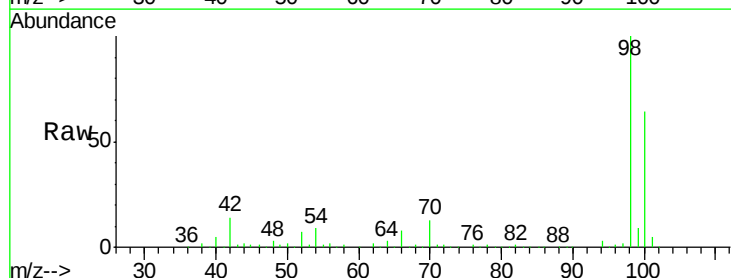
RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064610.D

Acq: 13 Nov 2020 4:09

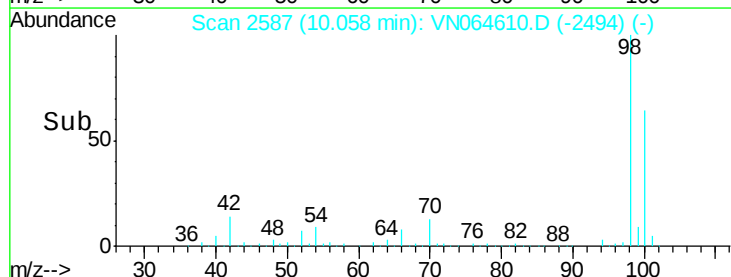
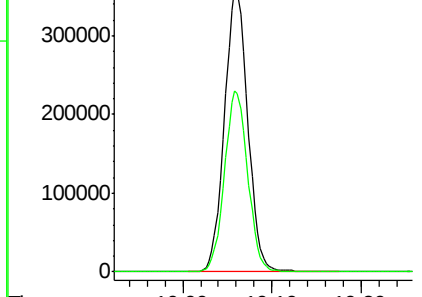
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 651688 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 63.6  | 50.7  | 76.1   |

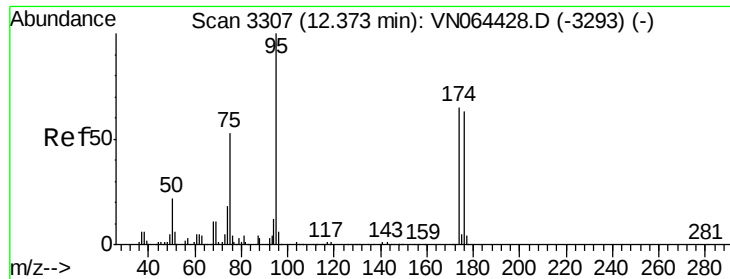


Abundance Ion 98.00 (97.70 to 98.70): VN064428.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064428.D (-2571) (-)

Time-->





#62

4-Bromofluorobenzene

Concen: 48.621 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064610.D

Acq: 13 Nov 2020 4:09

Instrument :

MSVOA\_N

ClientSampleId :

PB132945ZHE#08

Tot Ion: 95 Resp: 245829

Ion Ratio Lower Upper

95 100

174 69.8 0.0 132.6

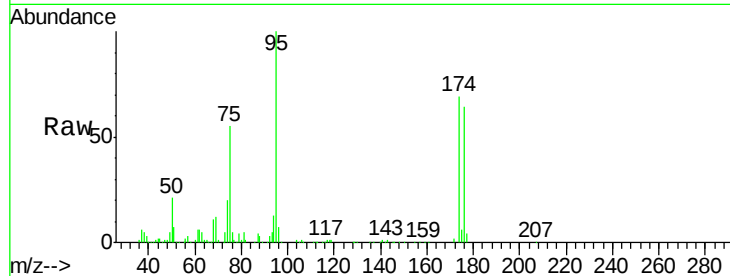
176 65.4 0.0 129.2

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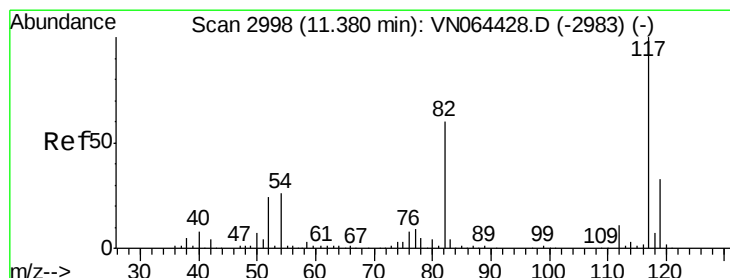
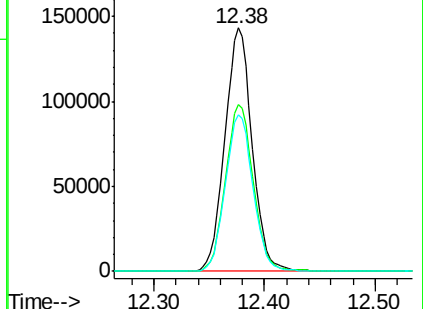
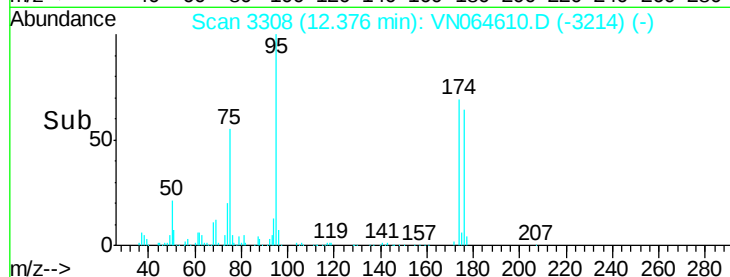


Abundance Ion 94.90 (94.60 to 95.60): VN064428.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN064428.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN064428.D (-3293) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064610.D

Acq: 13 Nov 2020 4:09

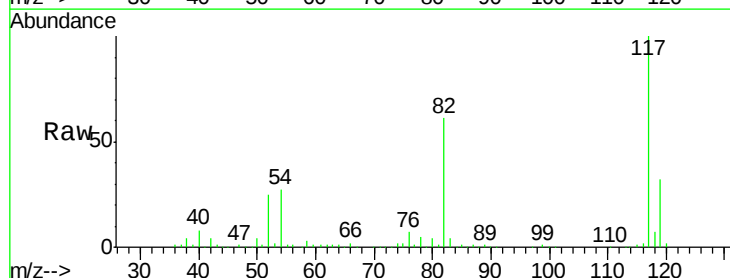
Tgt Ion: 117 Resp: 543254

Ion Ratio Lower Upper

117 100

82 61.2 48.1 72.1

119 32.4 26.2 39.4

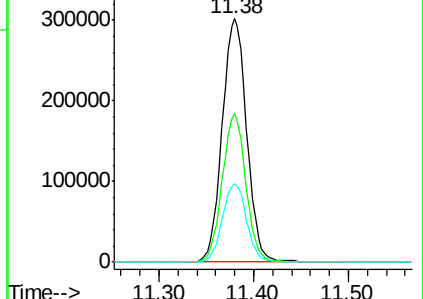
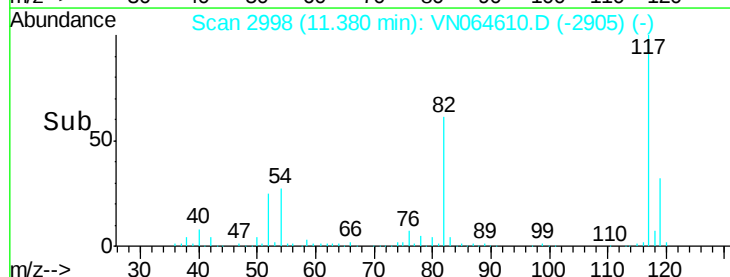


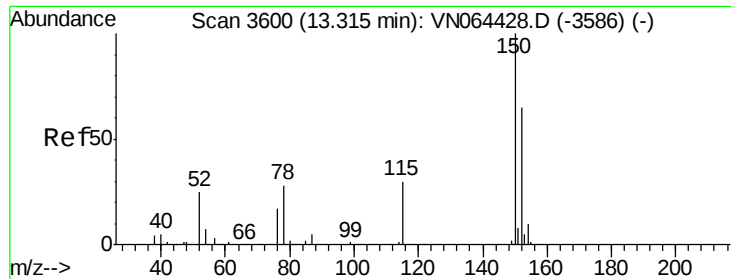
Abundance Ion 116.90 (116.60 to 117.60): VN064428.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN064428.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN064428.D (-2983) (-)

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064610.D

Acq: 13 Nov 2020 4:09

Instrument :

MSVOA\_N

ClientSampleId :

PB132945ZHE#08

Tot Ion:152 Resp: 201171

Ion Ratio Lower Upper

152 100

115 61.9 32.0 96.0

150 151.8 0.0 353.8

Manual Integrations

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