

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102120\  
 Data File : VN064234.D  
 Acq On : 21 Oct 2020 20:18  
 Operator : JC/MD  
 Sample : PB132513ZHE#05  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB132513ZHE#05

Manual Integrations  
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 10/23/2020 2:10:24 PM

Quant Time: Oct 22 02:38:25 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N102120W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 21 12:48:40 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.62  | 168  | 254455   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.55  | 114  | 443417   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.38 | 117  | 453490   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.32 | 152  | 205168   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 7.99  | 65   | 194284   | 51.41  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 102.82% |          |
| 35) Dibromofluoromethane    | 7.55  | 113  | 145697   | 49.42  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 98.84%  |          |
| 50) Toluene-d8              | 10.06 | 98   | 563507   | 52.69  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 105.38% |          |
| 62) 4-Bromofluorobenzene    | 12.38 | 95   | 248051   | 57.22  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 114.44% |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 3.78  | 43   | 11643    | 10.768 | ug/l    | 99       |
| 18) Methyl Acetate          | 4.29  | 43   | 4260m    | 1.546  | ug/l    |          |
| 20) Methylene Chloride      | 4.51  | 84   | 8309     | 2.882  | ug/l #  | 82       |
| 43) Isopropyl Acetate       | 8.13  | 43   | 97638    | 13.053 | ug/l #  | 87       |

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

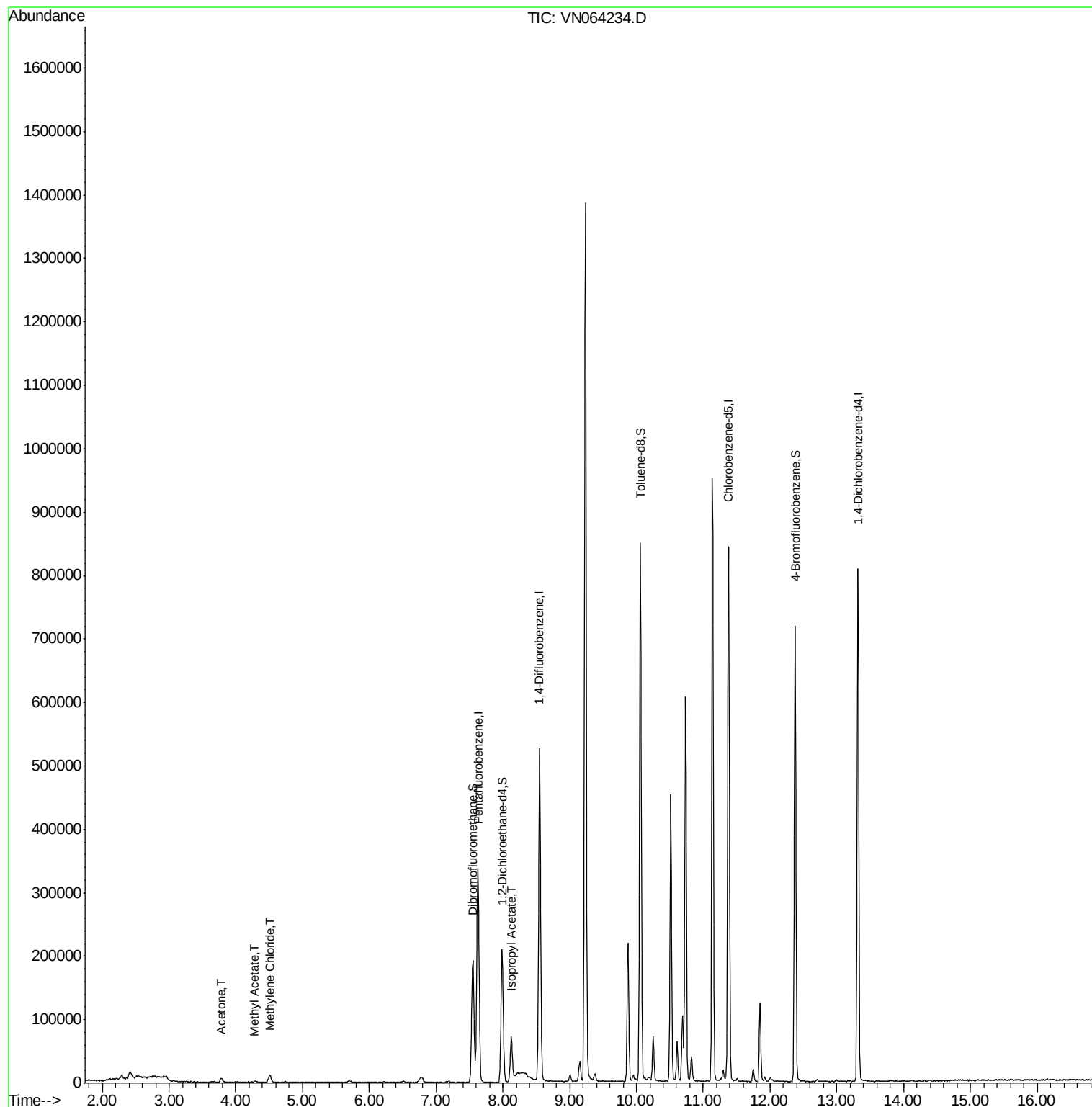
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102120\  
Data File : VN064234.D  
Acq On : 21 Oct 2020 20:18  
Operator : JC/MD  
Sample : PB132513ZHE#05  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 26 Sample Multiplier: 1

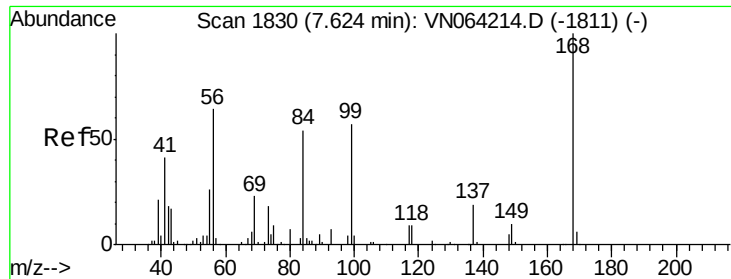
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB132513ZHE#05

Manual Integrations  
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10/23/2020 2:10:24 PM

Quant Time: Oct 22 02:38:25 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N102120W.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 21 12:48:40 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: VN064234.D

Acq: 21 Oct 2020 20:18

Instrument :

MSVOA\_N

ClientSampleId :

PB132513ZHE#05

Tot Ion:168 Resp: 254455

Ion Ratio Lower Upper

168 100

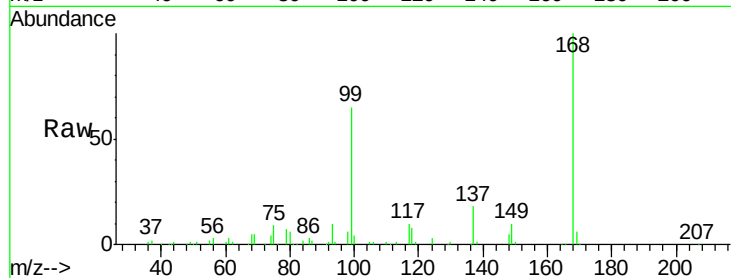
99 64.6 54.0 81.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

7.62

120000

100000

80000

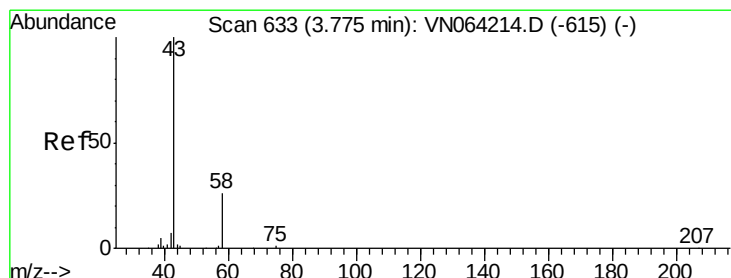
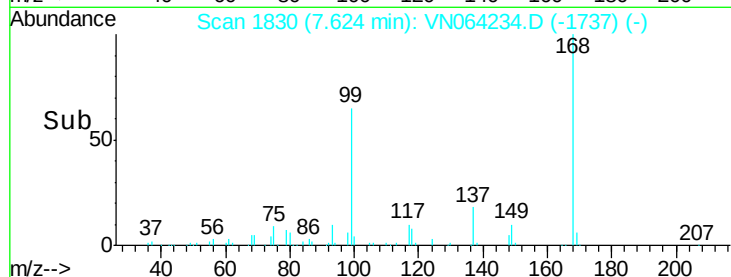
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 10.768 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064234.D

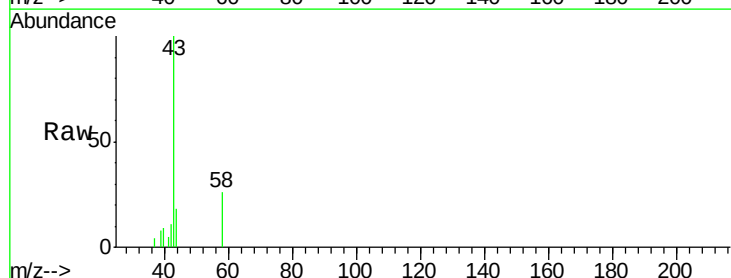
Acq: 21 Oct 2020 20:18

Tgt Ion: 43 Resp: 11643

Ion Ratio Lower Upper

43 100

58 25.8 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

4000

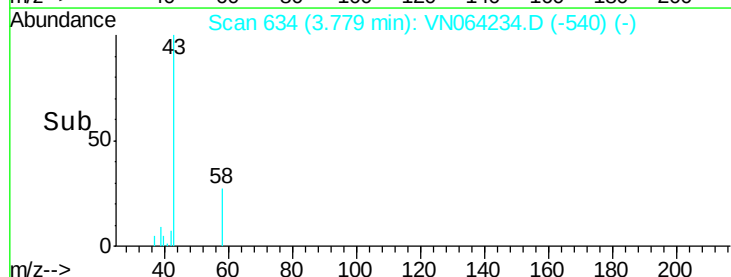
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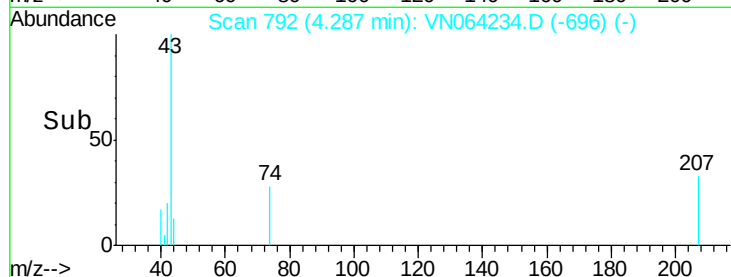
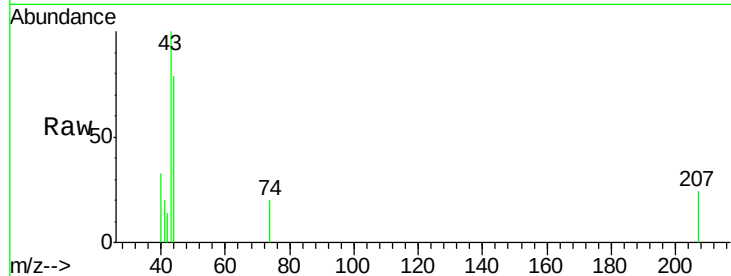
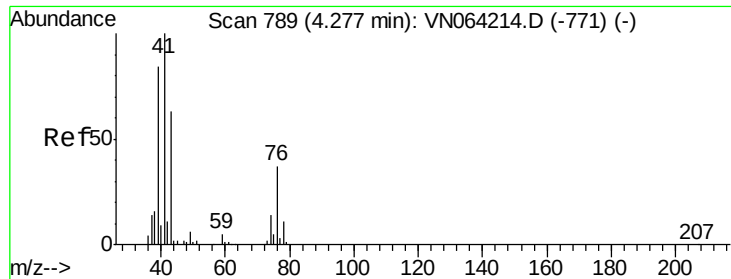
2000

1000

0

Time-->





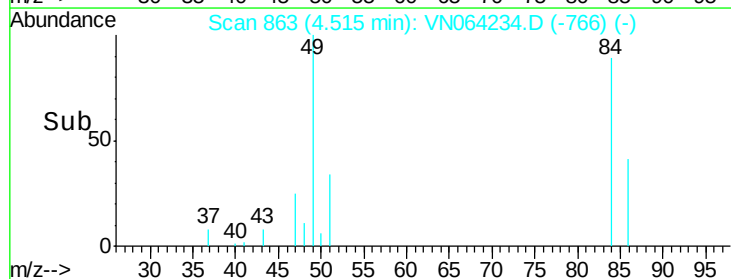
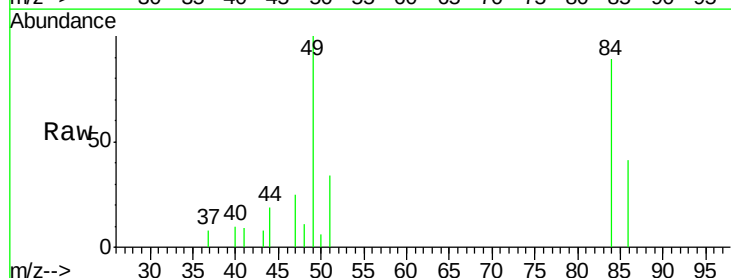
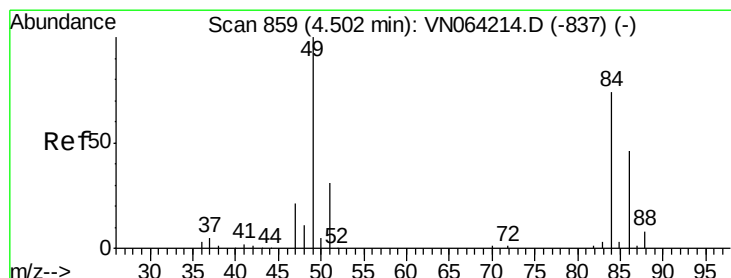
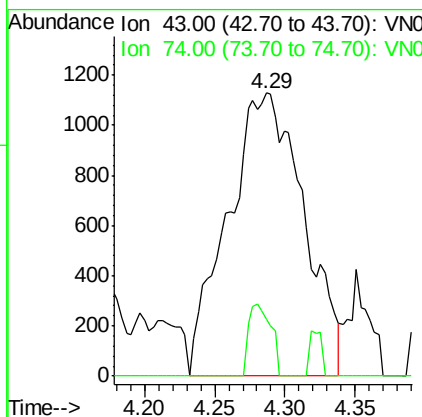
#18  
Methyl Acetate  
Concen: 1.546 ug/l m  
RT: 4.29 min Scan# 792  
Delta R.T. 0.01 min  
Lab File: VN064234.D  
Acq: 21 Oct 2020 20:18

Tot Ion: 43 Resp: 4260  
Ion Ratio Lower Upper  
43 100  
74 7.4 17.9 26.9#

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB132513ZHE#05

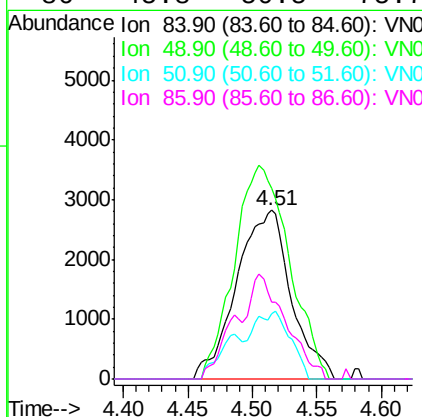
Manual Integrations  
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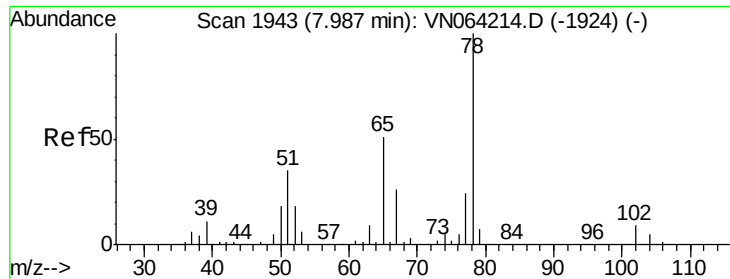
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#20  
Methylene Chloride  
Concen: 2.882 ug/l  
RT: 4.51 min Scan# 863  
Delta R.T. 0.01 min  
Lab File: VN064234.D  
Acq: 21 Oct 2020 20:18

Tgt Ion: 84 Resp: 8309  
Ion Ratio Lower Upper  
84 100  
49 112.9 108.5 162.7  
51 38.6 33.8 50.8  
86 45.8 50.5 75.7#





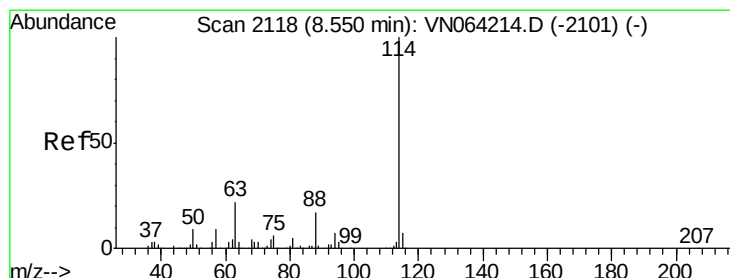
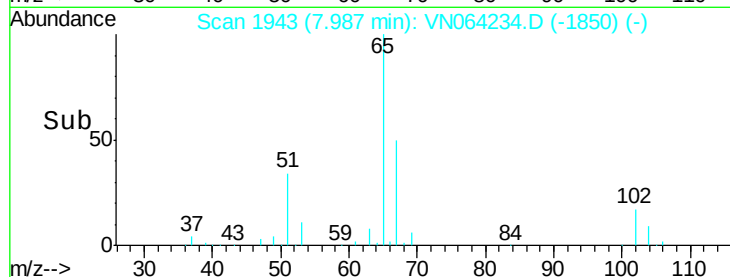
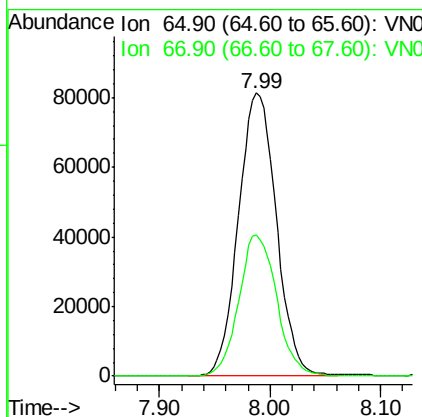
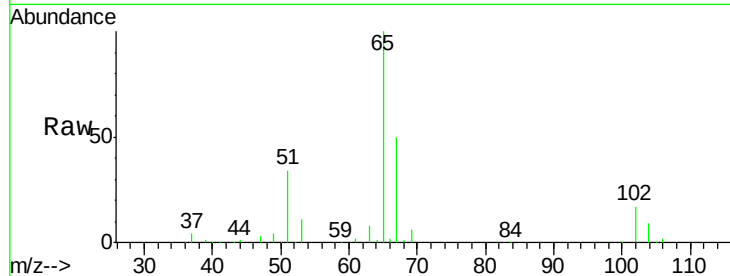
#33  
 1,2-Dichloroethane-d4  
 Concen: 51.414 ug/l  
 RT: 7.99 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VN064234.D  
 Acq: 21 Oct 2020 20:18

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB132513ZHE#05

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 194284 |       |       |
| 67      | 49.8  | 0.0    | 100.2 |       |

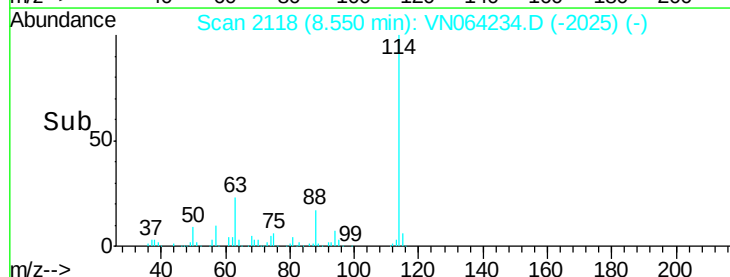
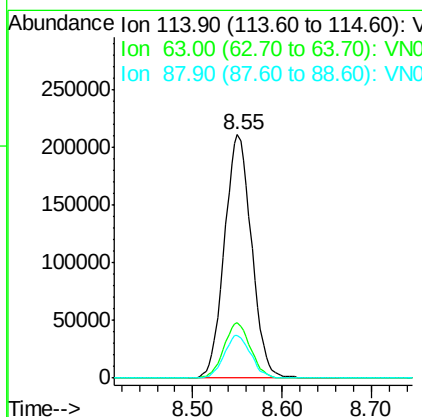
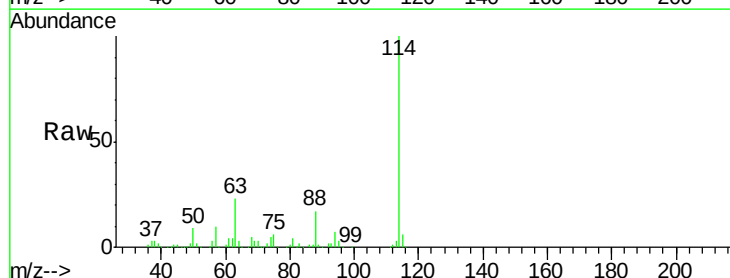
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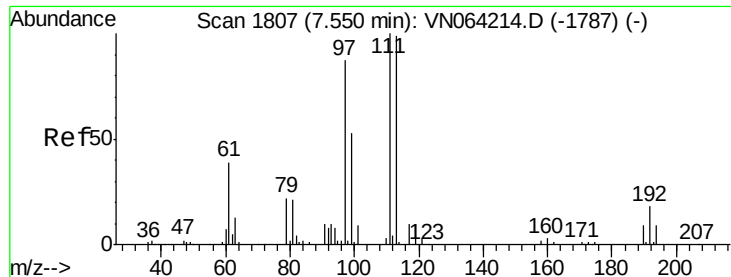
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2118  
 Delta R.T. 0.00 min  
 Lab File: VN064234.D  
 Acq: 21 Oct 2020 20:18

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 443417 |       |       |
| 63      | 22.7  | 0.0    | 44.0  |       |
| 88      | 17.4  | 0.0    | 34.2  |       |





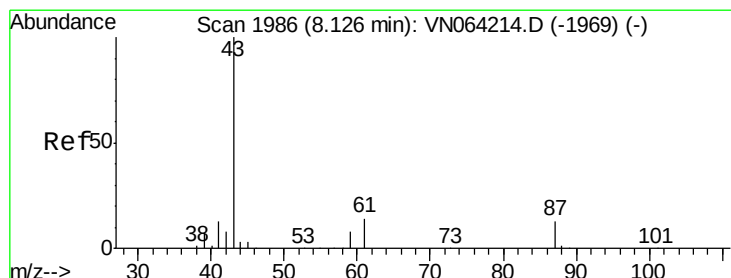
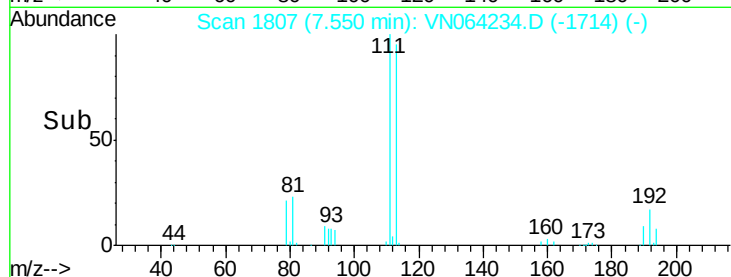
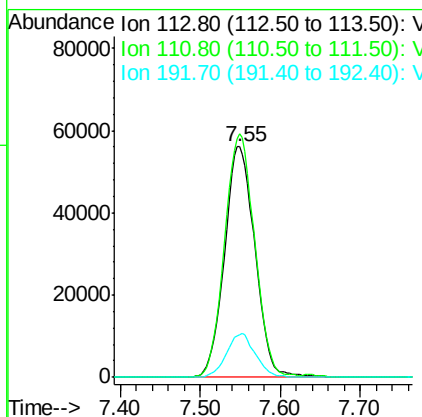
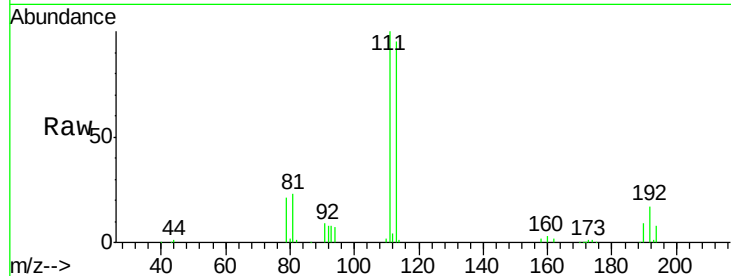
#35  
 Dibromofluoromethane  
 Concen: 49.421 ug/l  
 RT: 7.55 min Scan# 1807  
 Delta R.T. 0.00 min  
 Lab File: VN064234.D  
 Acq: 21 Oct 2020 20:18

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB132513ZHE#05

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 104.2 | 84.2  | 126.2 |
| 192     | 18.0  | 15.2  | 22.8  |

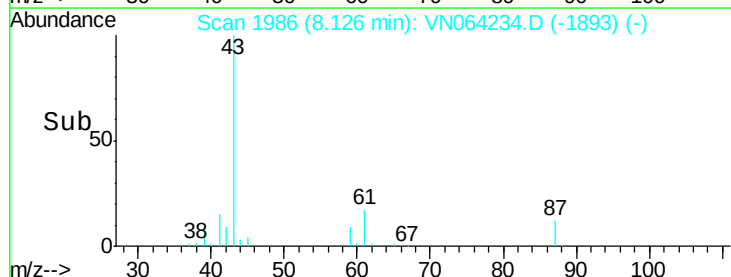
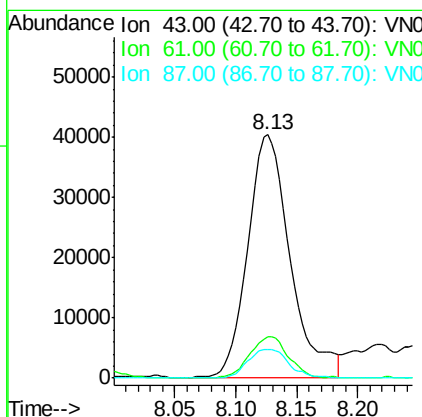
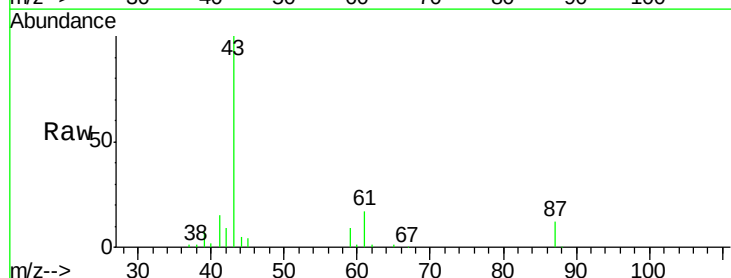
Manual Integrations  
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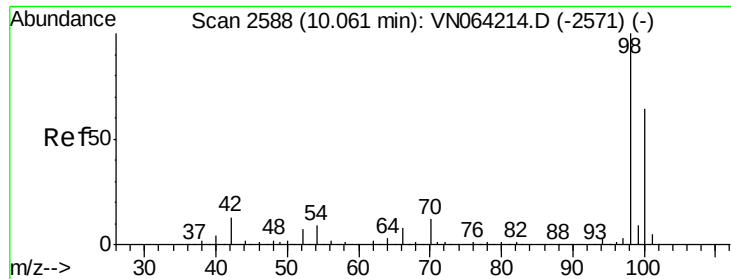
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#43  
 Isopropyl Acetate  
 Concen: 13.053 ug/l  
 RT: 8.13 min Scan# 1986  
 Delta R.T. 0.00 min  
 Lab File: VN064234.D  
 Acq: 21 Oct 2020 20:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 15.5  | 19.6  | 29.4# |
| 87      | 11.4  | 9.8   | 14.6  |





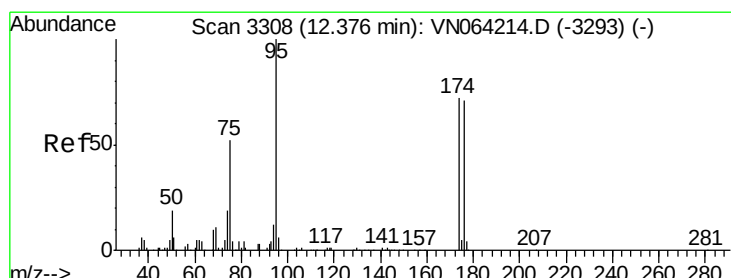
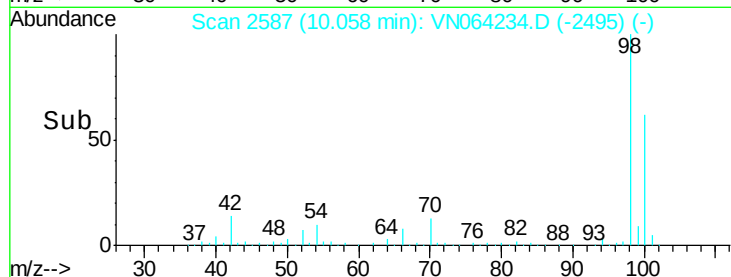
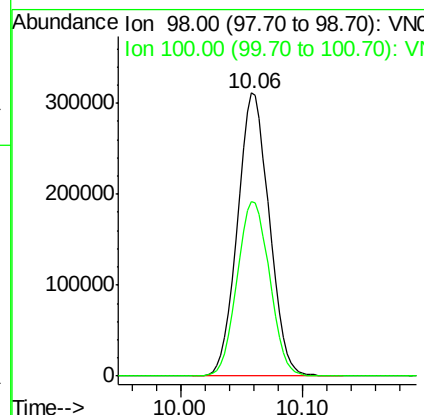
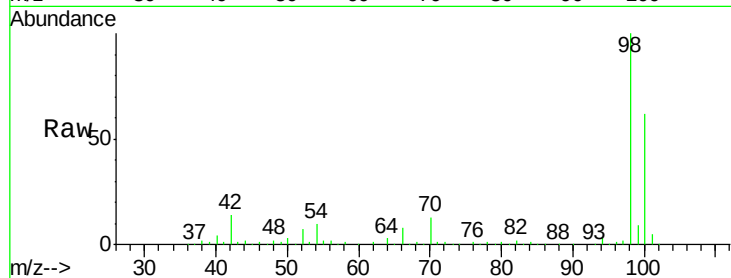
#50  
Toluene-d8  
Concen: 52.693 ug/l  
RT: 10.06 min Scan# 2587  
Delta R.T. -0.00 min  
Lab File: VN064234.D  
Acq: 21 Oct 2020 20:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB132513ZHE#05

Tot Ion: 98 Resp: 563507  
Ion Ratio Lower Upper  
98 100  
100 63.0 50.8 76.2

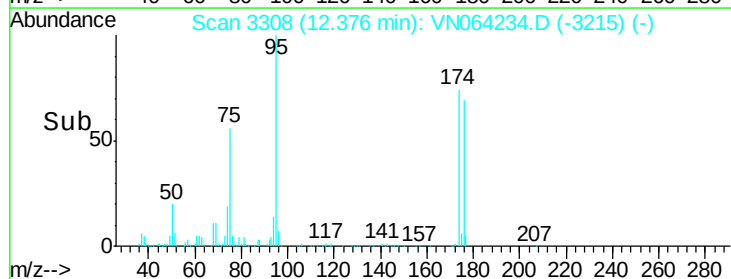
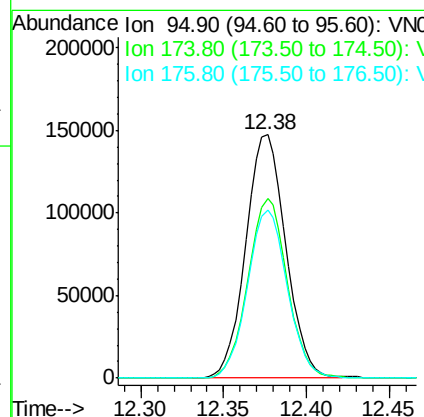
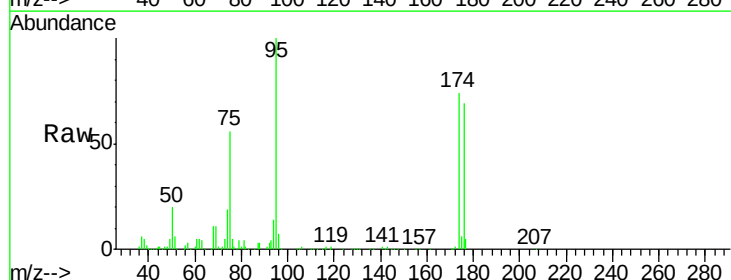
Manual Integrations  
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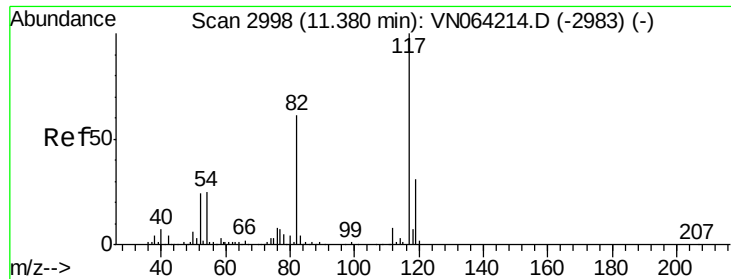
MMDadoda  
10/23/2020 2:10:24 PM



#62  
4-Bromofluorobenzene  
Concen: 57.217 ug/l  
RT: 12.38 min Scan# 3308  
Delta R.T. 0.00 min  
Lab File: VN064234.D  
Acq: 21 Oct 2020 20:18

Tgt Ion: 95 Resp: 248051  
Ion Ratio Lower Upper  
95 100  
174 72.3 0.0 144.4  
176 68.7 0.0 139.2





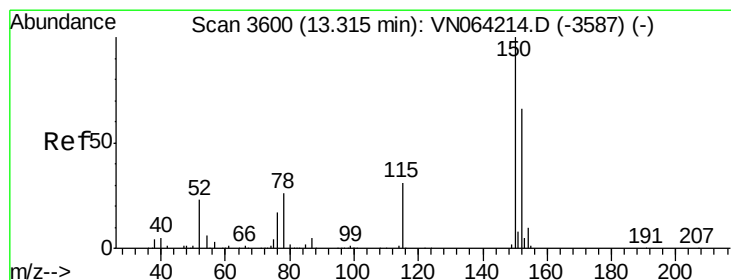
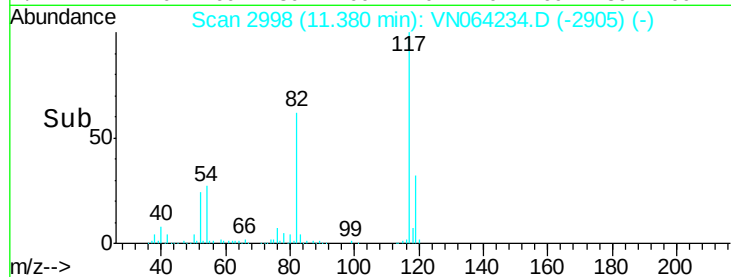
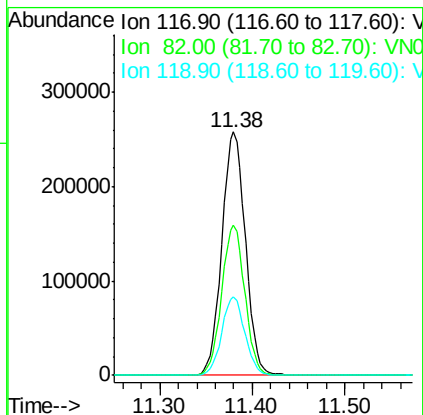
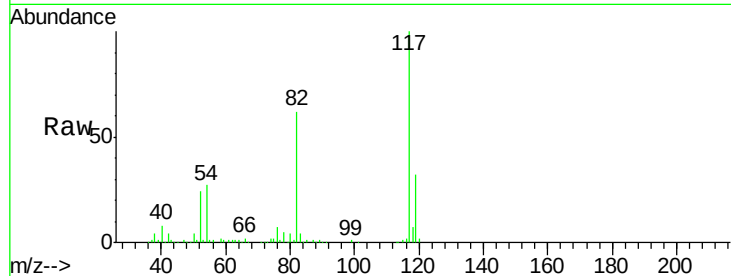
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2998  
Delta R.T. 0.00 min  
Lab File: VN064234.D  
Acq: 21 Oct 2020 20:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB132513ZHE#05

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 61.9  | 48.8  | 73.2  |
| 119     | 32.1  | 24.7  | 37.1  |

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: VN064234.D  
Acq: 21 Oct 2020 20:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 64.5  | 32.0  | 96.2  |
| 150     | 158.0 | 0.0   | 356.6 |

