

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111320\  
 Data File : VN064644.D  
 Acq On : 13 Nov 2020 20:46  
 Operator : JC/MD  
 Sample : L4719-08  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TP-3-D

Manual Integrations  
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 11/17/2020 6:41:49 PM

Quant Time: Nov 17 03:25:22 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  | 216398   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.55  | 114  | 465061   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.38 | 117  | 516329   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.32 | 152  | 178722   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 7.99  | 65   | 221674   | 58.81  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 117.62% |          |
| 35) Dibromofluoromethane    | 7.55  | 113  | 161365   | 50.96  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 101.92% |          |
| 50) Toluene-d8              | 10.06 | 98   | 618815   | 50.56  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 101.12% |          |
| 62) 4-Bromofluorobenzene    | 12.38 | 95   | 232047   | 50.14  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 100.28% |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 3.78  | 43   | 13206    | 9.198  | ug/l    | 99       |
| 18) Methyl Acetate          | 4.28  | 43   | 4651m    | 1.648  | ug/l    |          |
| 20) Methylene Chloride      | 4.51  | 84   | 12508    | 4.391  | ug/l    | 98       |
| 43) Isopropyl Acetate       | 8.13  | 43   | 83846    | 10.531 | ug/l    | 99       |

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

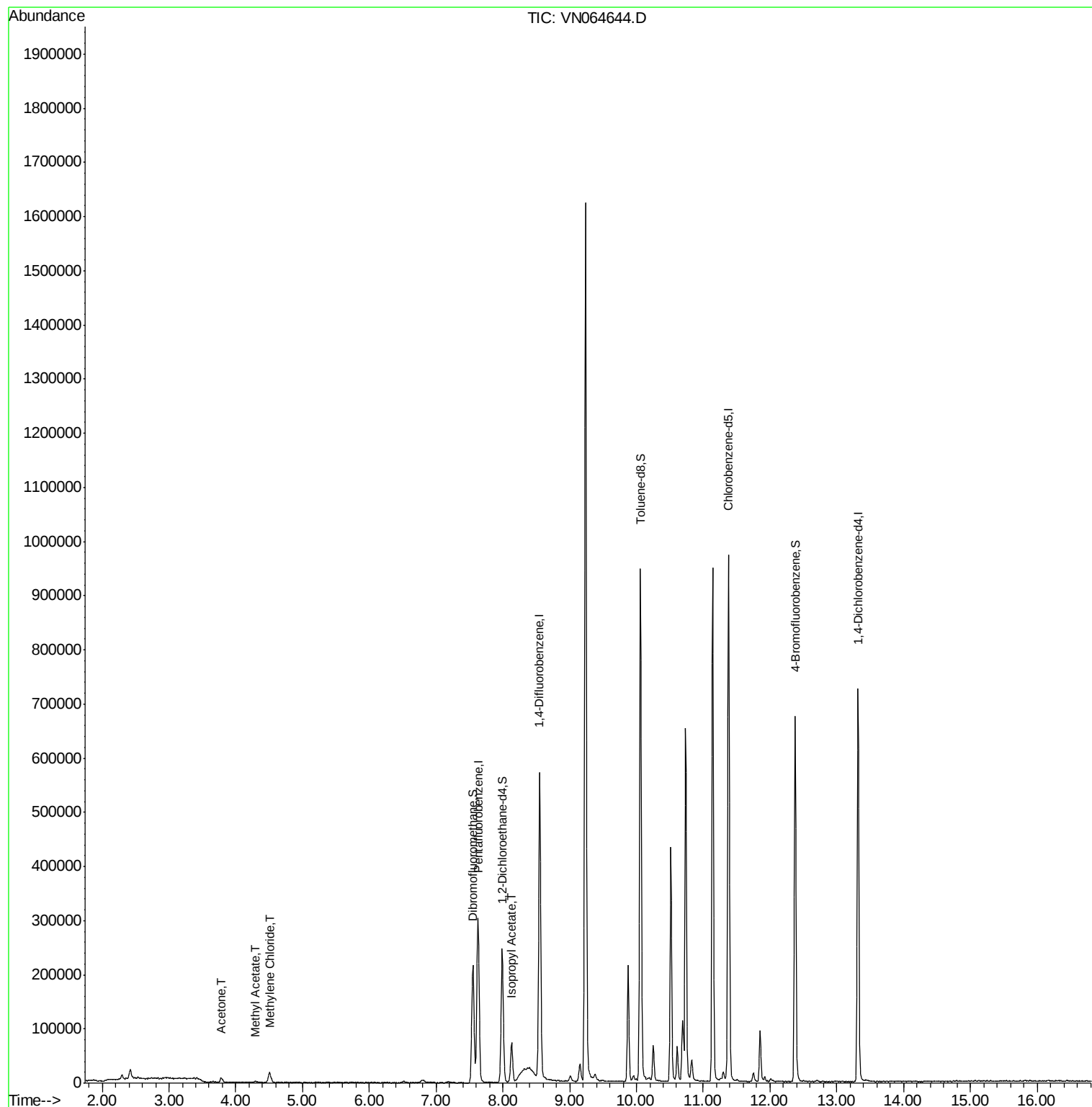
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111320\  
Data File : VN064644.D  
Acq On : 13 Nov 2020 20:46  
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MSVOA\_N  
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TP-3-D

Manual Integrations  
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Quant Time: Nov 17 03:25:22 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: VN064644.D

Acq: 13 Nov 2020 20:46

Instrument :

MSVOA\_N

ClientSampleId :

TP-3-D

Tot Ion:168 Resp: 216398

Ion Ratio Lower Upper

168 100

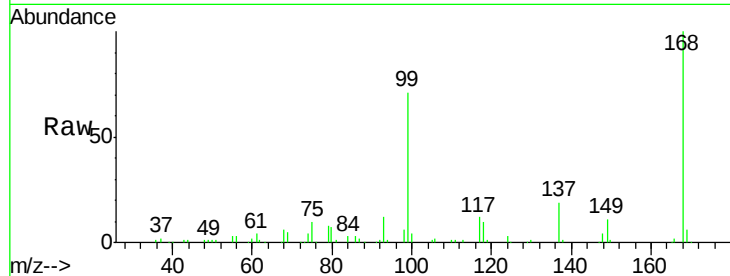
99 71.4 53.4 80.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

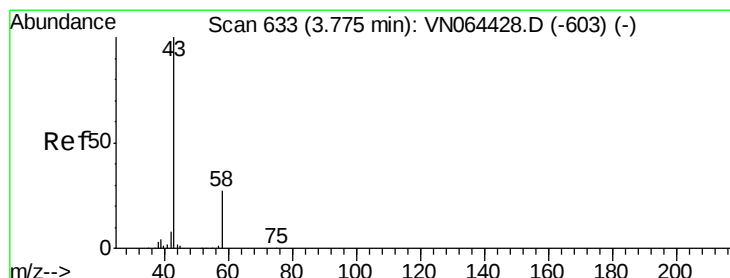
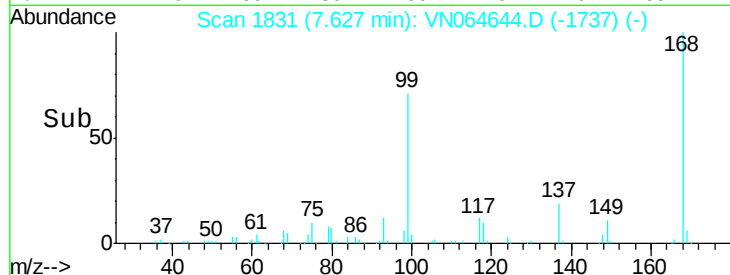
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 9.198 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064644.D

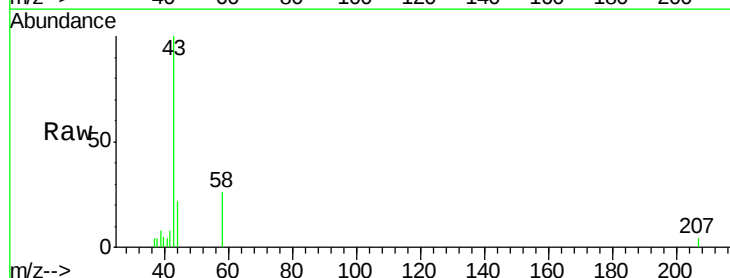
Acq: 13 Nov 2020 20:46

Tgt Ion: 43 Resp: 13206

Ion Ratio Lower Upper

43 100

58 26.2 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

6000

5000

4000

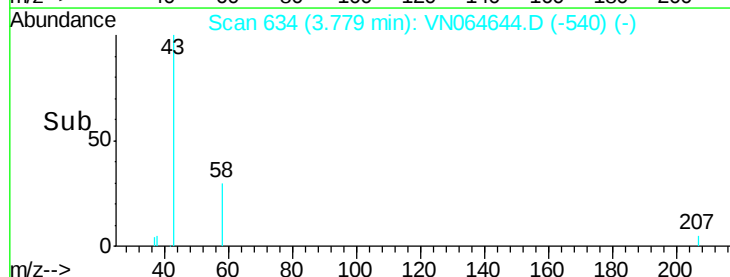
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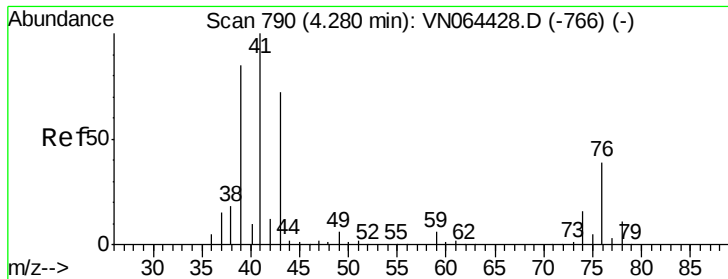
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1000

0

Time-->





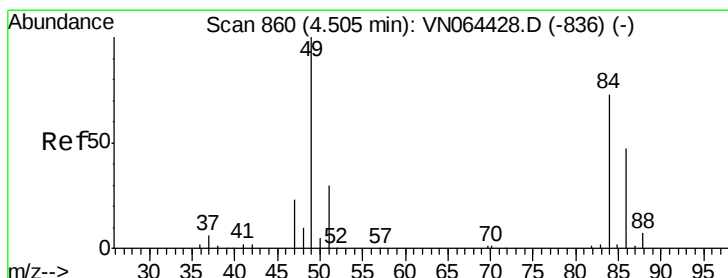
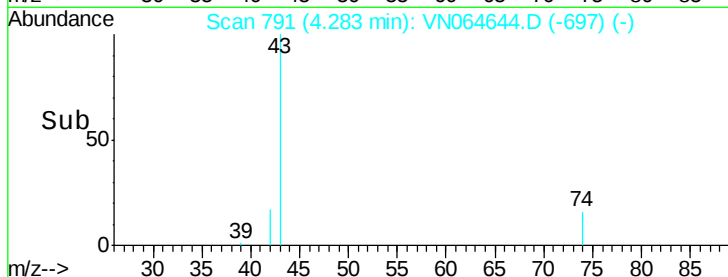
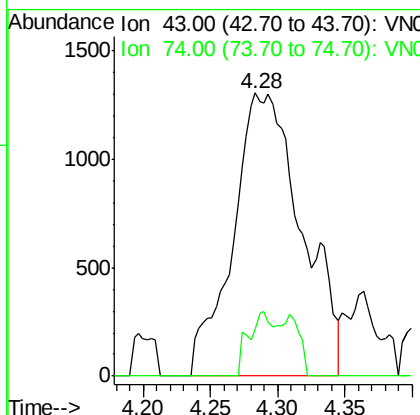
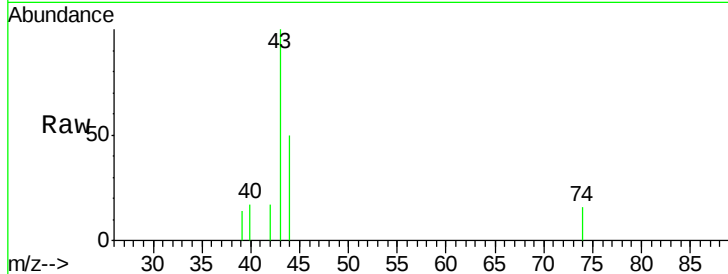
#18  
Methyl Acetate  
Concen: 1.648 ug/l m  
RT: 4.28 min Scan# 791  
Delta R.T. 0.00 min  
Lab File: VN064644.D  
Acq: 13 Nov 2020 20:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
TP-3-D

Tot Ion: 43 Resp: 4651  
Ion Ratio Lower Upper  
43 100  
74 9.6 17.0 25.4#

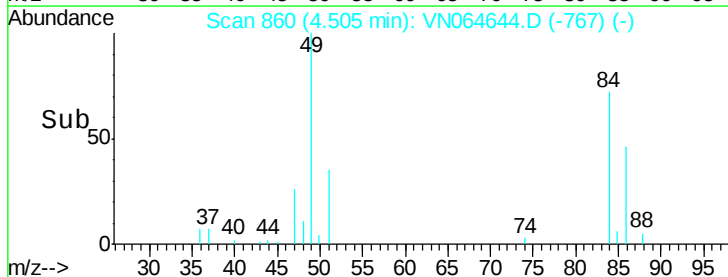
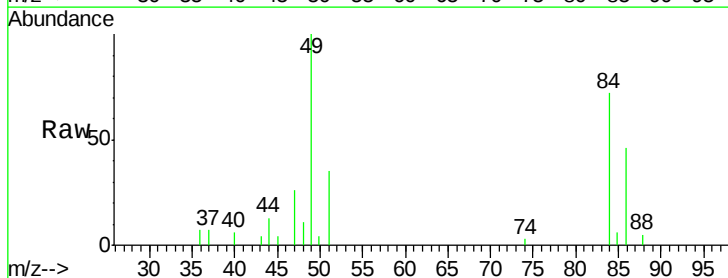
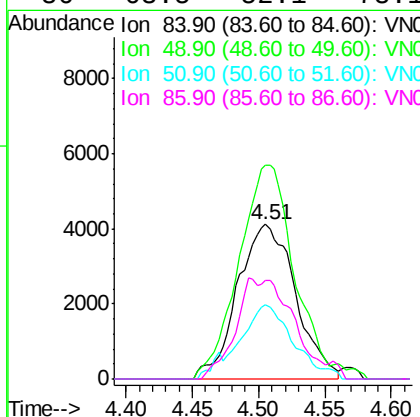
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#20  
Methylene Chloride  
Concen: 4.391 ug/l  
RT: 4.51 min Scan# 860  
Delta R.T. -0.00 min  
Lab File: VN064644.D  
Acq: 13 Nov 2020 20:46

Tgt Ion: 84 Resp: 12508  
Ion Ratio Lower Upper  
84 100  
49 138.3 110.1 165.1  
51 47.9 33.6 50.4  
86 63.5 52.1 78.1





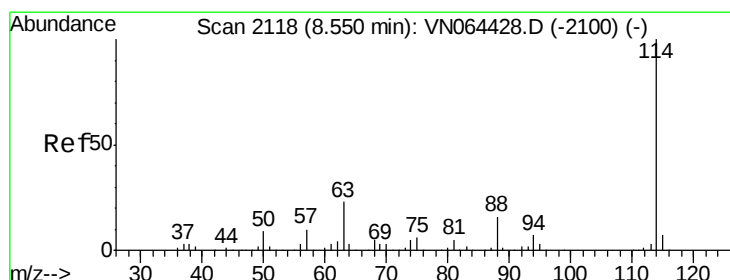
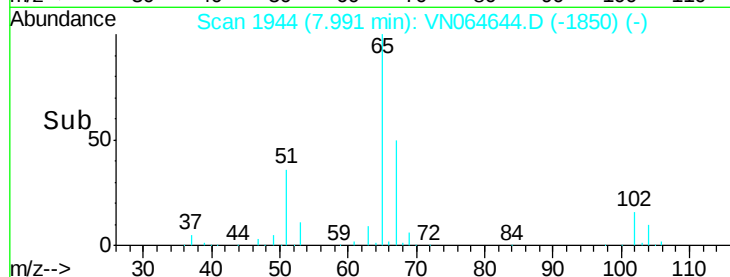
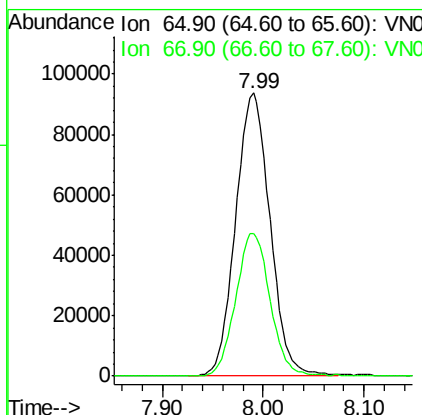
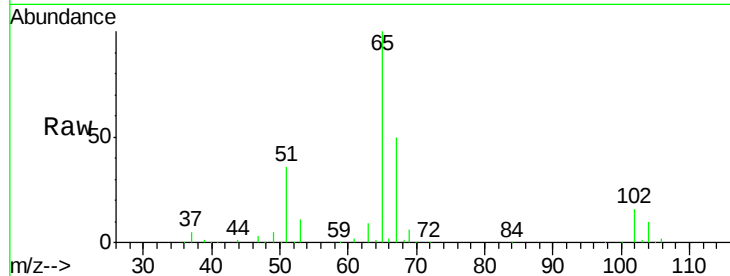
#33  
 1,2-Dichloroethane-d4  
 Concen: 58.810 ug/l  
 RT: 7.99 min Scan# 1944  
 Delta R.T. 0.00 min  
 Lab File: VN064644.D  
 Acq: 13 Nov 2020 20:46

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 TP-3-D

Tot Ion: 65 Resp: 221674  
 Ion Ratio Lower Upper  
 65 100  
 67 50.3 0.0 101.6

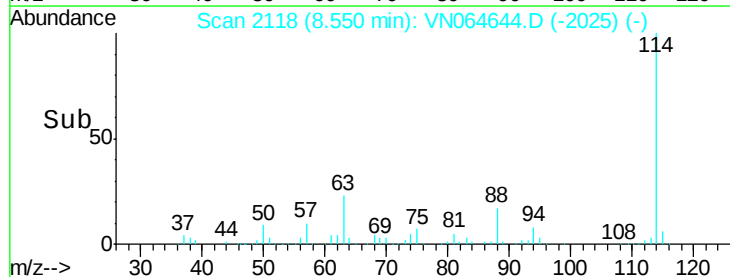
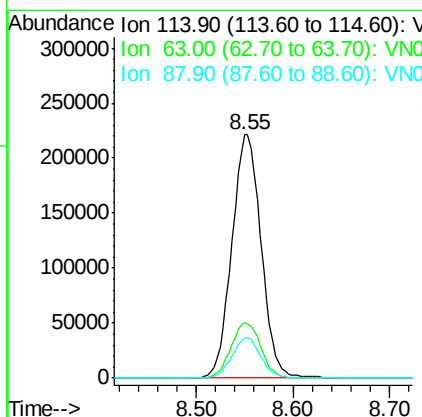
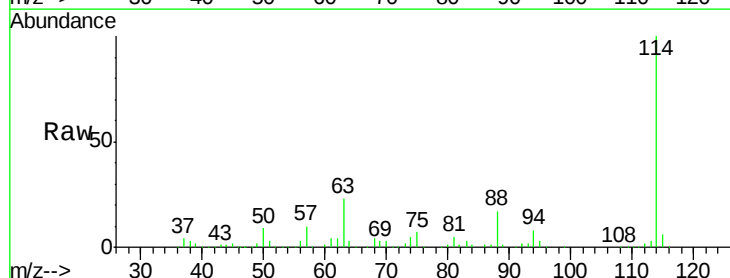
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2118  
 Delta R.T. -0.00 min  
 Lab File: VN064644.D  
 Acq: 13 Nov 2020 20:46

Tgt Ion: 114 Resp: 465061  
 Ion Ratio Lower Upper  
 114 100  
 63 23.0 0.0 45.6  
 88 16.6 0.0 32.8





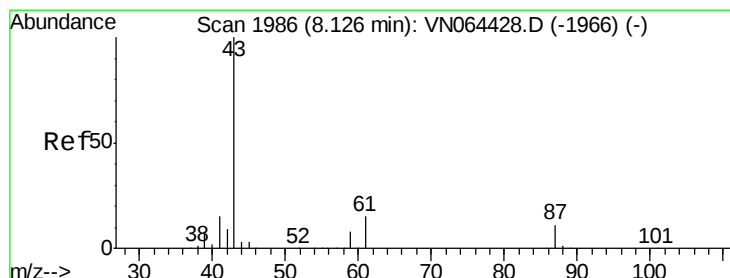
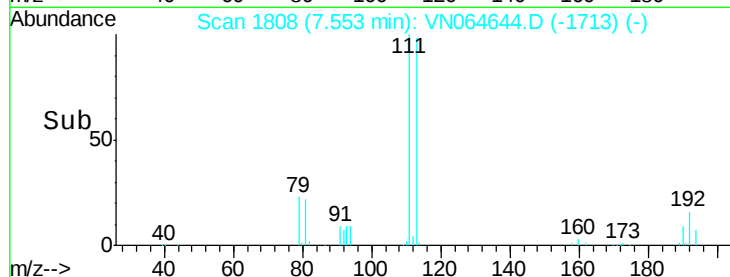
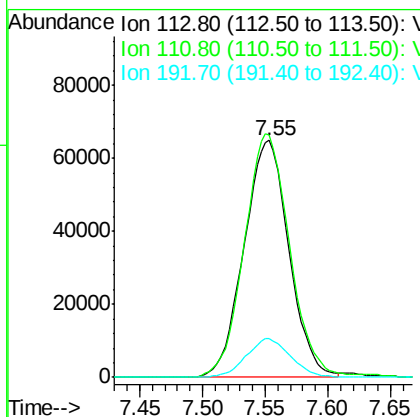
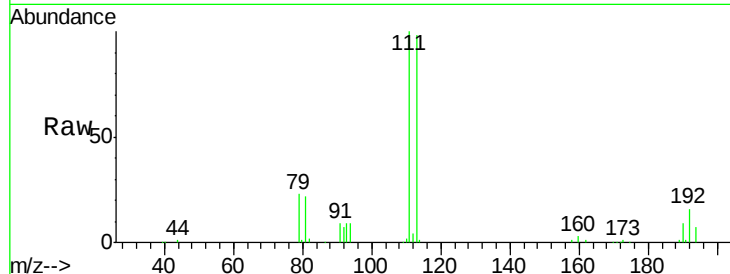
#35  
 Dibromofluoromethane  
 Concen: 50.961 ug/l  
 RT: 7.55 min Scan# 1808  
 Delta R.T. 0.01 min  
 Lab File: VN064644.D  
 Acq: 13 Nov 2020 20:46

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 TP-3-D

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 161365 |       |       |
| 111     | 103.7 | 81.1   | 121.7 |       |
| 192     | 16.2  | 12.8   | 19.2  |       |

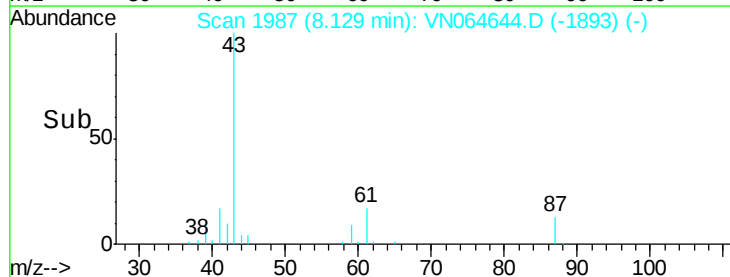
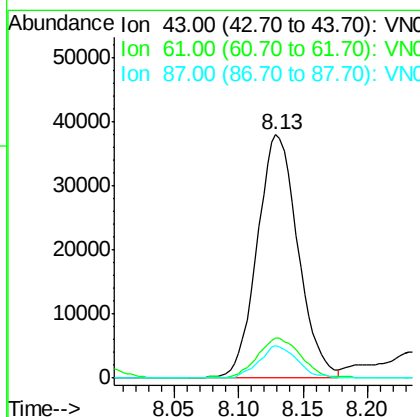
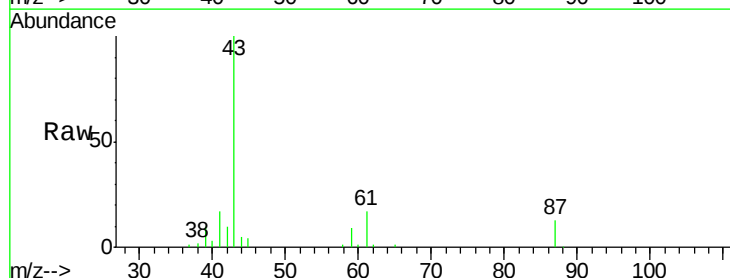
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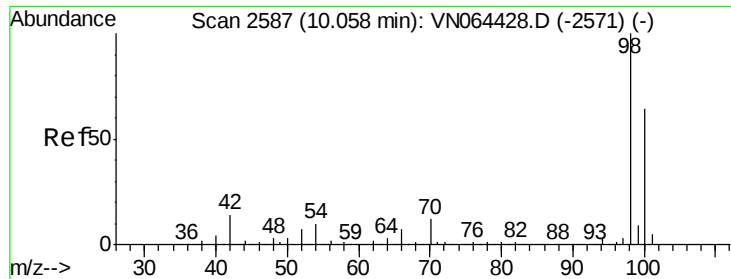
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#43  
 Isopropyl Acetate  
 Concen: 10.531 ug/l  
 RT: 8.13 min Scan# 1987  
 Delta R.T. 0.00 min  
 Lab File: VN064644.D  
 Acq: 13 Nov 2020 20:46

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 43      | 100   | 83846 |       |       |
| 61      | 17.2  | 14.0  | 21.0  |       |
| 87      | 12.3  | 9.1   | 13.7  |       |





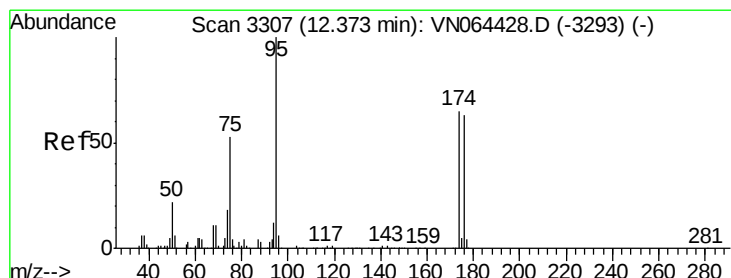
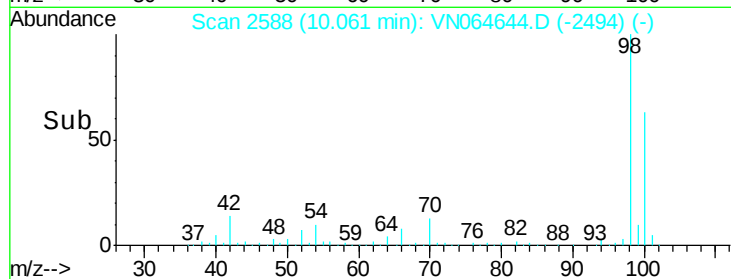
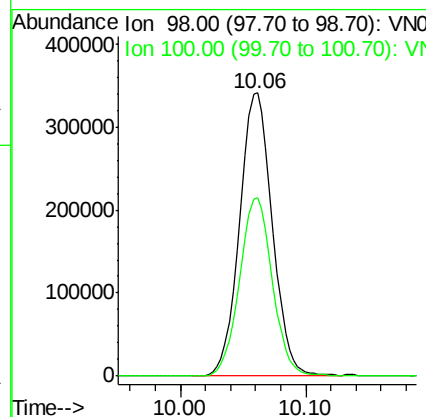
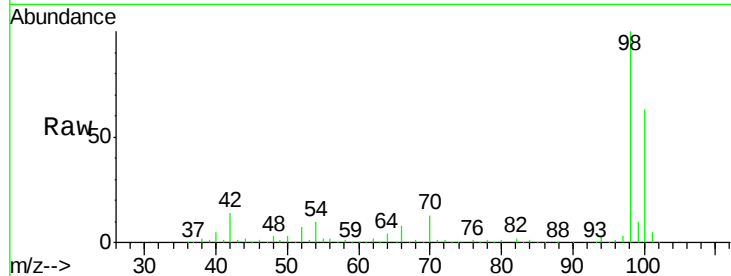
#50  
Toluene-d8  
Concen: 50.564 ug/l  
RT: 10.06 min Scan# 2588  
Delta R.T. 0.00 min  
Lab File: VN064644.D  
Acq: 13 Nov 2020 20:46

Instrument :  
MSVOA\_N  
ClientSampled :  
TP-3-D

Tot Ion: 98 Resp: 618815  
Ion Ratio Lower Upper  
98 100  
100 63.2 50.7 76.1

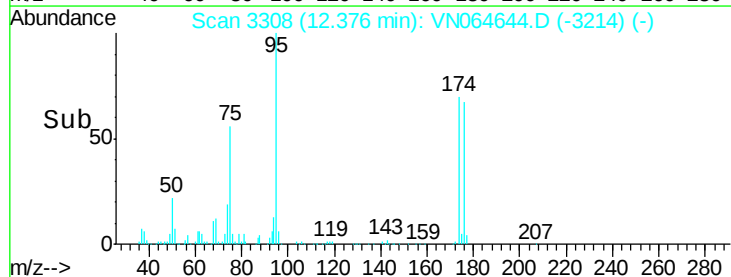
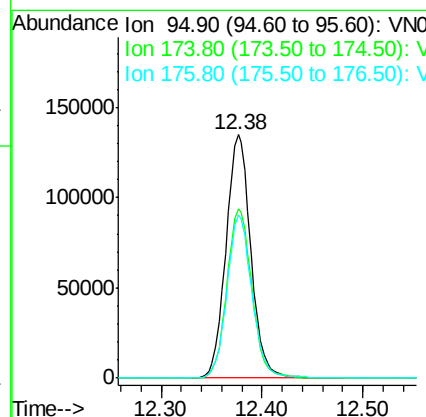
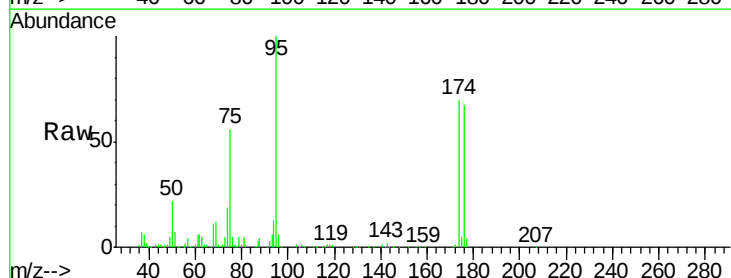
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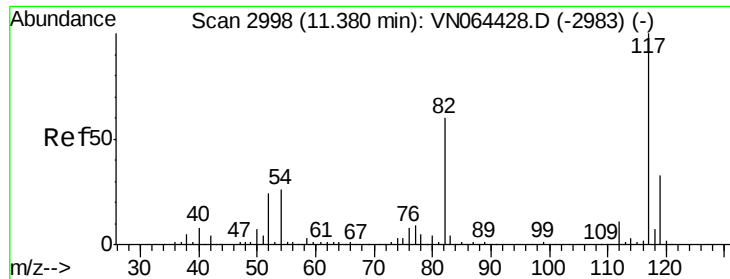
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#62  
4-Bromofluorobenzene  
Concen: 50.136 ug/l  
RT: 12.38 min Scan# 3308  
Delta R.T. 0.00 min  
Lab File: VN064644.D  
Acq: 13 Nov 2020 20:46

Tgt Ion: 95 Resp: 232047  
Ion Ratio Lower Upper  
95 100  
174 70.0 0.0 132.6  
176 67.5 0.0 129.2





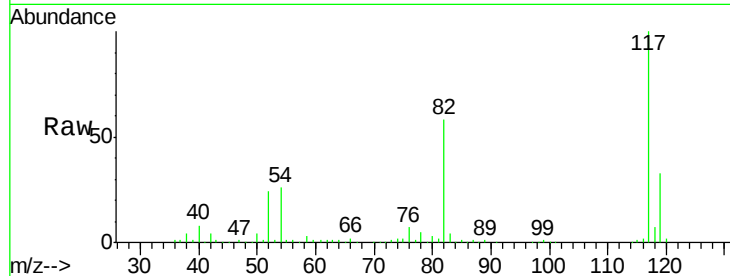
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2998  
Delta R.T. -0.00 min  
Lab File: VN064644.D  
Acq: 13 Nov 2020 20:46

Instrument :  
MSVOA\_N  
ClientSampled :  
TP-3-D

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 58.4  | 48.1  | 72.1  |
| 119     | 32.6  | 26.2  | 39.4  |

Manual Integrations  
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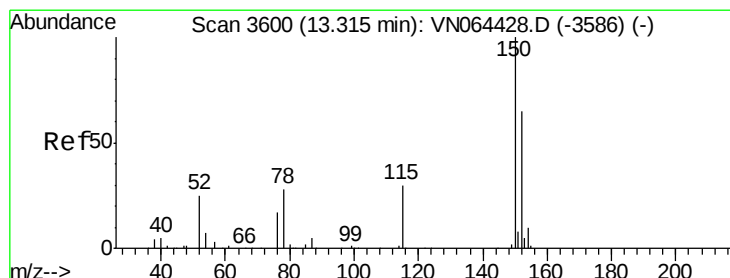
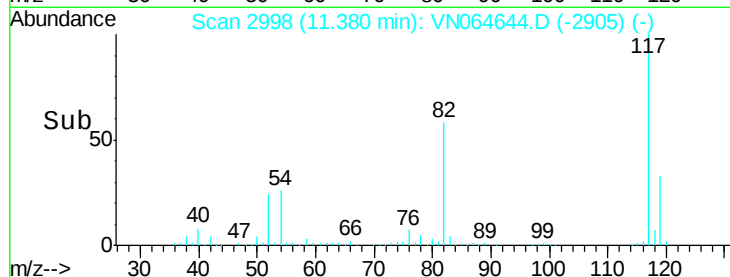
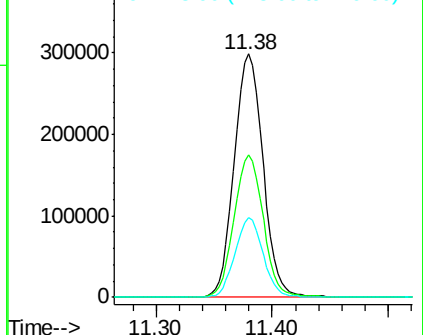


Abundance

Ion 116.90 (116.60 to 117.60): V

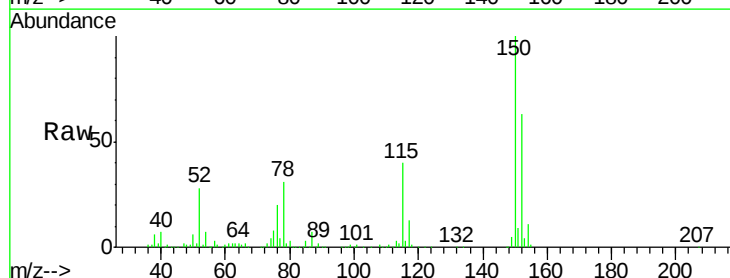
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.32 min Scan# 3601  
Delta R.T. 0.00 min  
Lab File: VN064644.D  
Acq: 13 Nov 2020 20:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 65.7  | 32.0  | 96.0  |
| 150     | 158.7 | 0.0   | 353.8 |



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

