

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102820\  
 Data File : VN064349.D  
 Acq On : 28 Oct 2020 13:58  
 Operator : JC/MD  
 Sample : PB132665ZHE#01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB132665ZHE#01

Manual Integrations  
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MMDadoda  
 10/29/2020 9:50:11 AM

Quant Time: Oct 29 03:09:20 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N102720W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 27 12:23:17 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.63  | 168  | 264622   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.55  | 114  | 455278   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.38 | 117  | 470675   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.32 | 152  | 217532   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 7.99  | 65   | 194813   | 45.81  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 91.62%  |          |
| 35) Dibromofluoromethane    | 7.55  | 113  | 151387   | 49.86  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 99.72%  |          |
| 50) Toluene-d8              | 10.06 | 98   | 577926   | 51.46  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 102.92% |          |
| 62) 4-Bromofluorobenzene    | 12.38 | 95   | 249091   | 56.89  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 113.78% |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 3.77  | 43   | 17798m   | 5.080  | ug/l    |          |
| 18) Methyl Acetate          | 4.28  | 43   | 4386m    | 1.373  | ug/l    |          |
| 20) Methylene Chloride      | 4.50  | 84   | 7604     | 2.521  | ug/l    | 94       |
| 43) Isopropyl Acetate       | 8.13  | 43   | 101012   | 12.732 | ug/l #  | 89       |

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

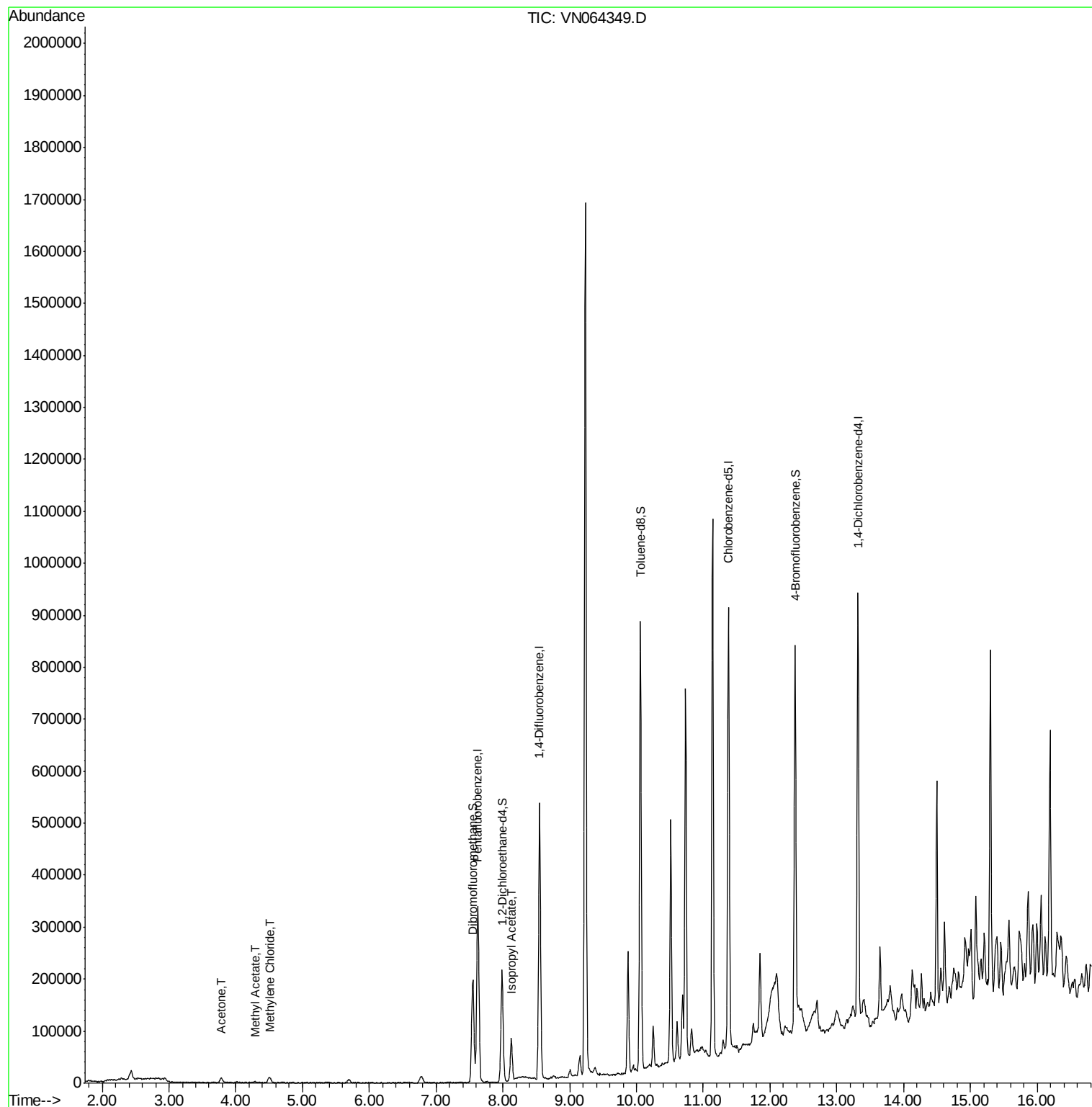
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102820\  
Data File : VN064349.D  
Acq On : 28 Oct 2020 13:58  
Operator : JC/MD  
Sample : PB132665ZHE#01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 10 Sample Multiplier: 1

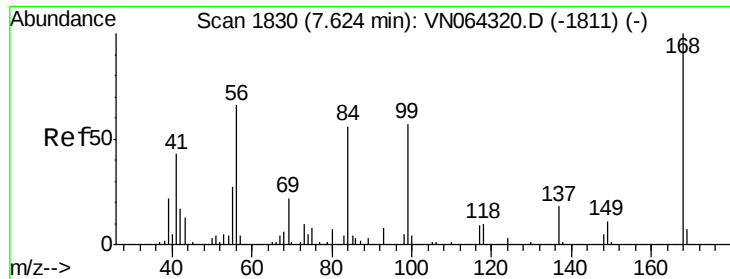
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB132665ZHE#01

Manual Integrations  
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Quant Time: Oct 29 03:09:20 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N102720W.M  
Quant Title : SW846 8260  
QLast Update : Tue Oct 27 12:23:17 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: VN064349.D

Acq: 28 Oct 2020 13:58

Instrument :

MSVOA\_N

ClientSampleId :

PB132665ZHE#01

Tot Ion:168 Resp: 264622

Ion Ratio Lower Upper

168 100

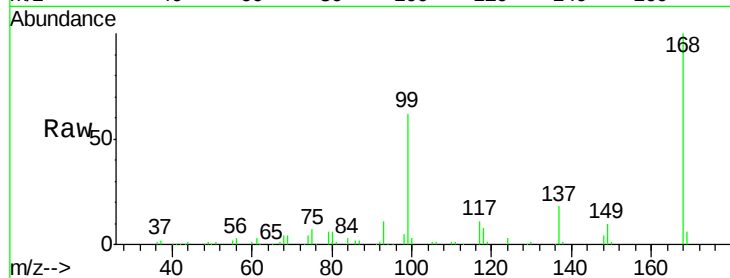
99 62.5 52.7 79.1

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

120000

100000

80000

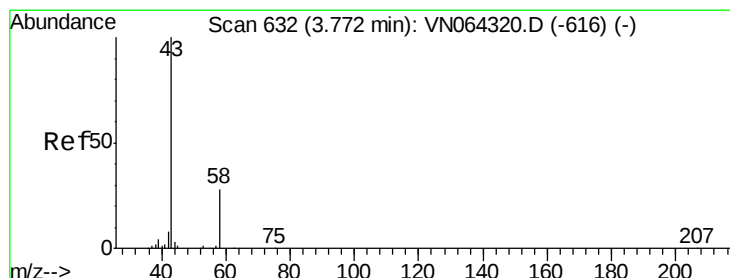
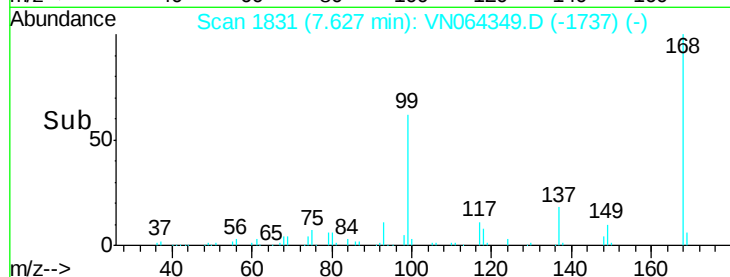
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 5.080 ug/l m

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN064349.D

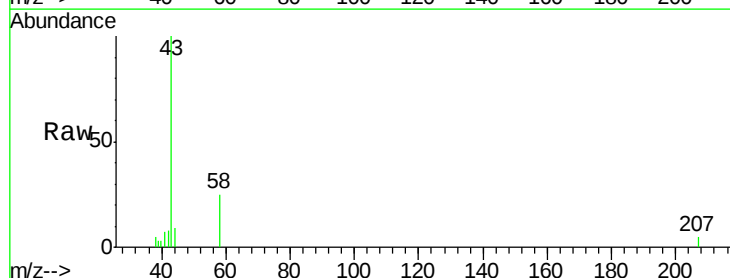
Acq: 28 Oct 2020 13:58

Tgt Ion: 43 Resp: 17798

Ion Ratio Lower Upper

43 100

58 24.6 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.77

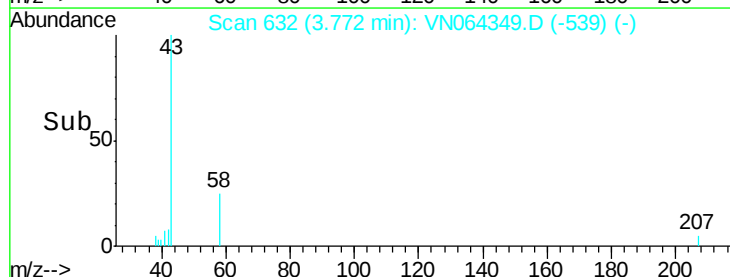
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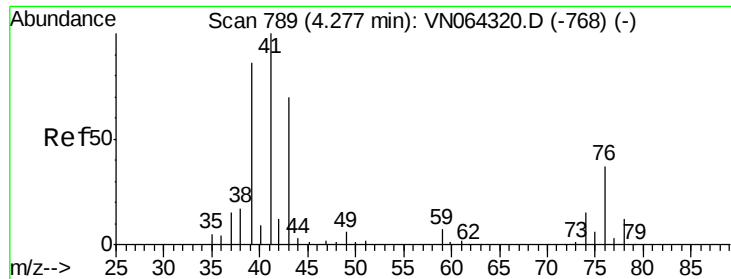
4000

2000

0

Time--> 3.70 3.80 3.90





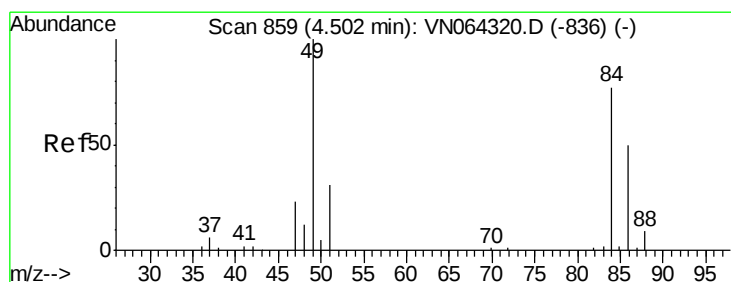
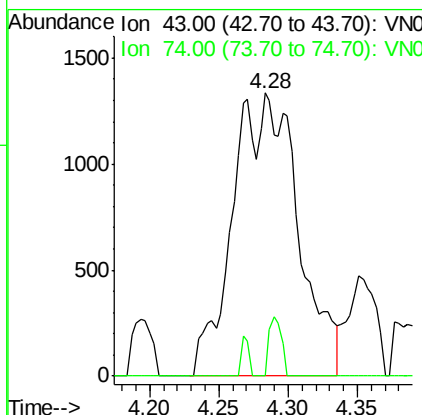
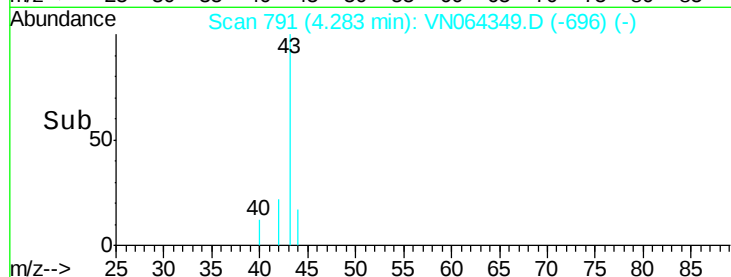
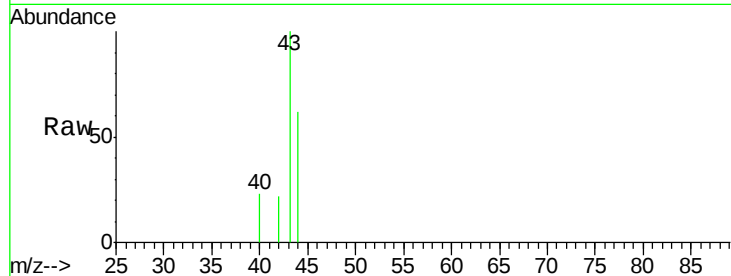
#18  
Methvl Acetate  
Concen: 1.373 ug/l m  
RT: 4.28 min Scan# 791  
Delta R.T. 0.01 min  
Lab File: VN064349.D  
Acq: 28 Oct 2020 13:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB132665ZHE#01

Tot Ion: 43 Resp: 4386  
Ion Ratio Lower Upper  
43 100  
74 3.9 16.7 25.1#

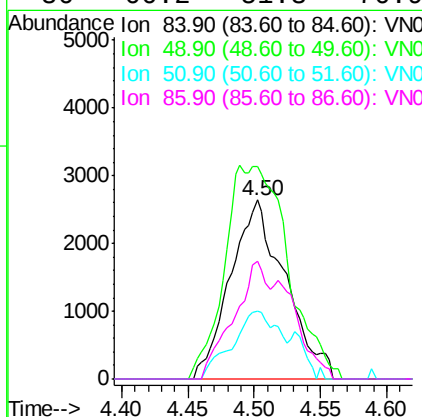
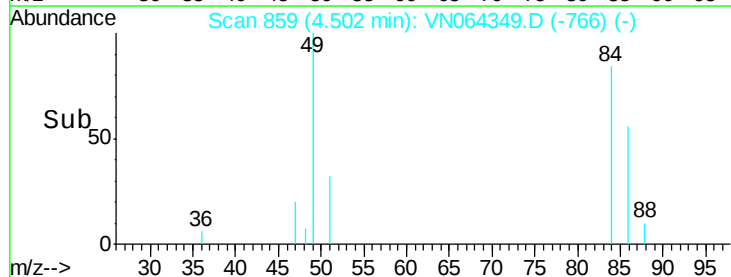
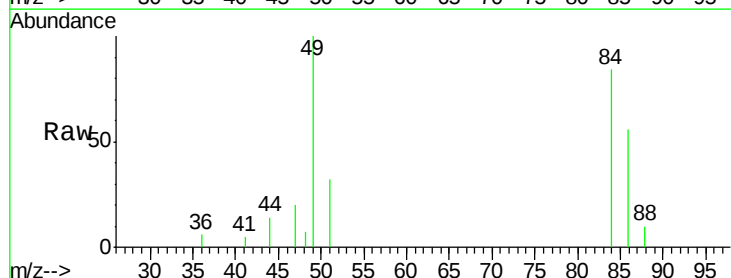
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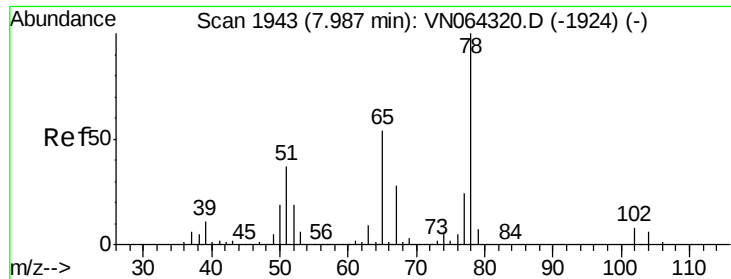
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#20  
Methylene Chloride  
Concen: 2.521 ug/l  
RT: 4.50 min Scan# 859  
Delta R.T. 0.00 min  
Lab File: VN064349.D  
Acq: 28 Oct 2020 13:58

Tgt Ion: 84 Resp: 7604  
Ion Ratio Lower Upper  
84 100  
49 118.7 103.6 155.4  
51 38.1 31.8 47.8  
86 66.2 51.3 76.9





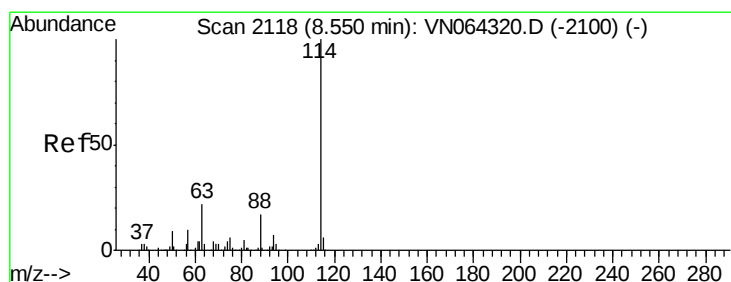
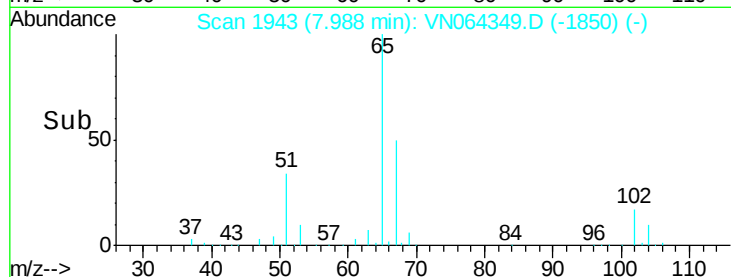
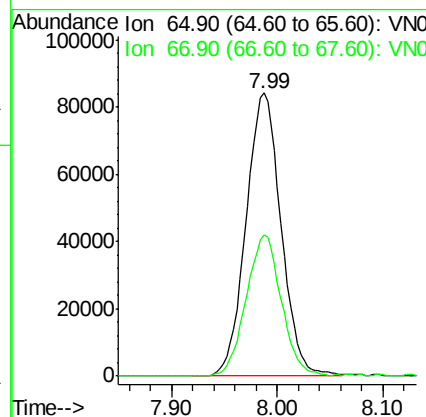
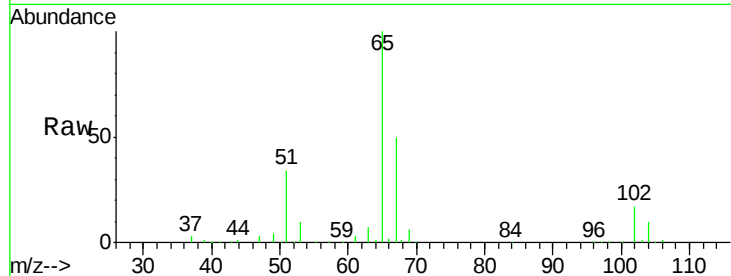
#33  
 1,2-Dichloroethane-d4  
 Concen: 45.812 ug/l  
 RT: 7.99 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VN064349.D  
 Acq: 28 Oct 2020 13:58

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB132665ZHE#01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 194813 |       |       |
| 67      | 50.1  | 0.0    | 99.2  |       |

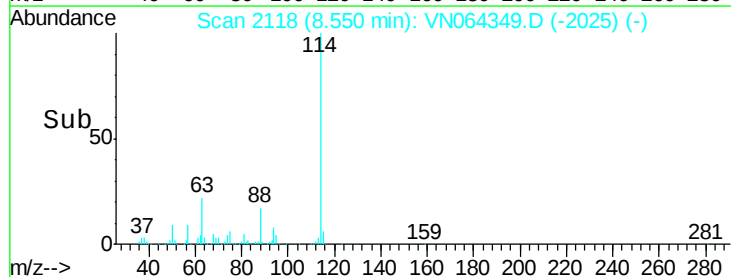
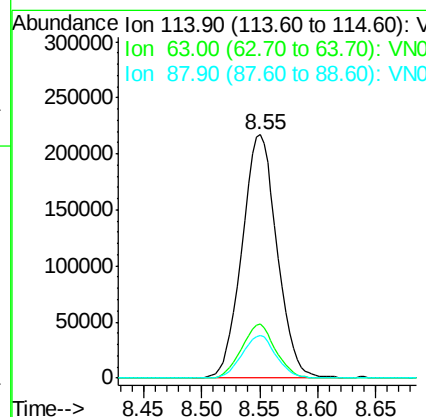
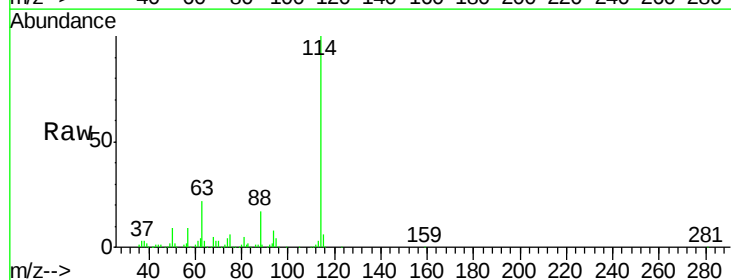
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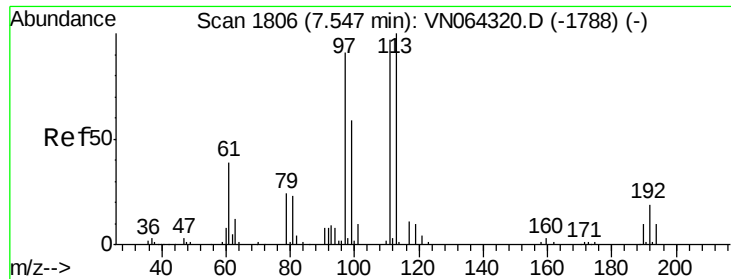
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2118  
 Delta R.T. 0.00 min  
 Lab File: VN064349.D  
 Acq: 28 Oct 2020 13:58

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 455278 |       |       |
| 63      | 22.0  | 0.0    | 44.6  |       |
| 88      | 17.4  | 0.0    | 33.4  |       |





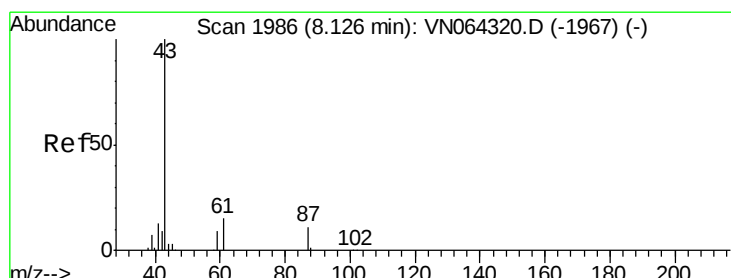
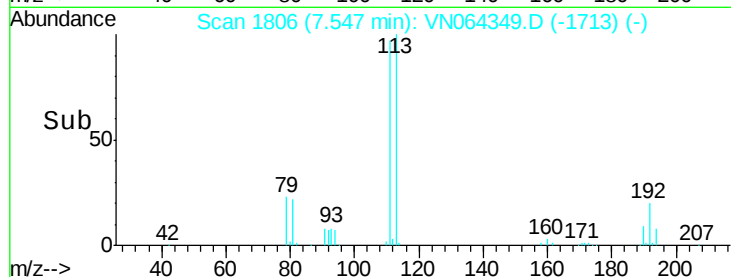
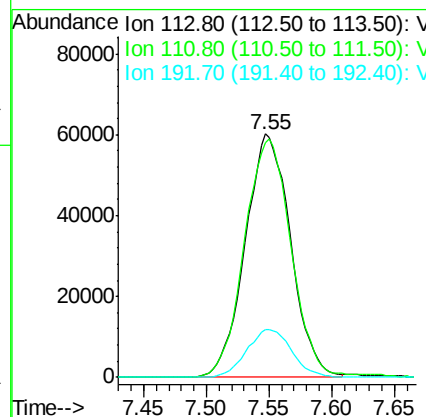
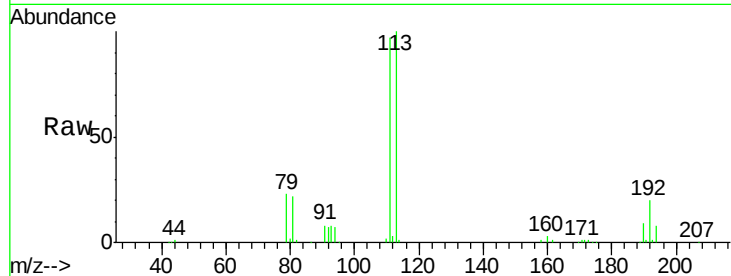
#35  
 Dibromofluoromethane  
 Concen: 49.862 ug/l  
 RT: 7.55 min Scan# 1806  
 Delta R.T. 0.00 min  
 Lab File: VN064349.D  
 Acq: 28 Oct 2020 13:58

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB132665ZHE#01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 100.4 | 81.5  | 122.3 |
| 192     | 19.5  | 15.0  | 22.4  |

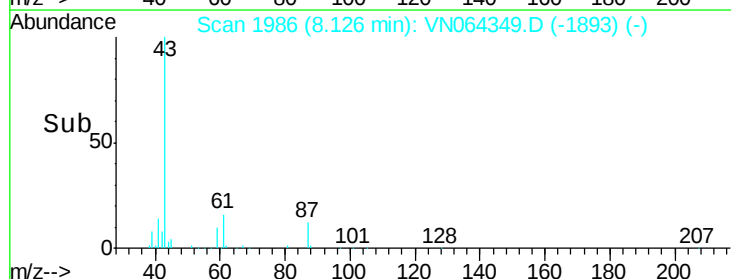
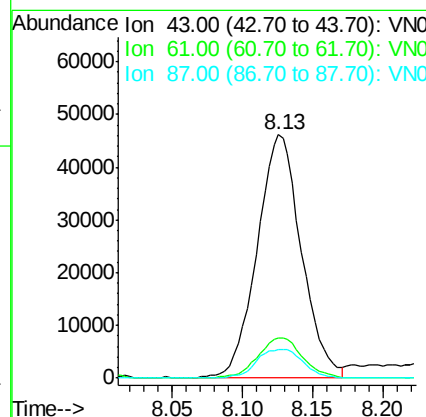
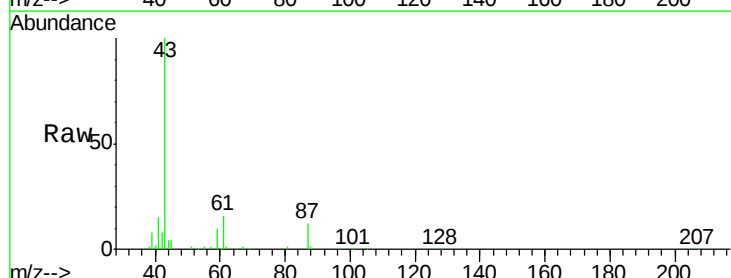
Manual Integrations  
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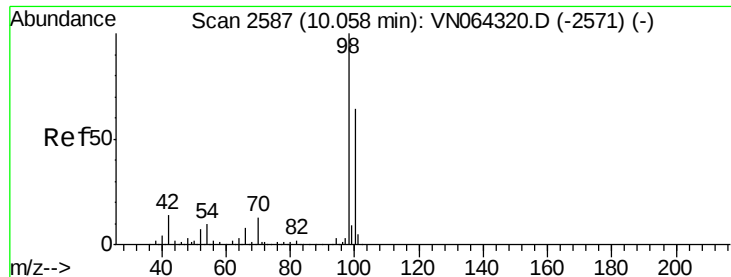
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#43  
 Isopropyl Acetate  
 Concen: 12.732 ug/l  
 RT: 8.13 min Scan# 1986  
 Delta R.T. 0.00 min  
 Lab File: VN064349.D  
 Acq: 28 Oct 2020 13:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 16.6  | 19.1  | 28.7# |
| 87      | 12.5  | 9.3   | 13.9  |





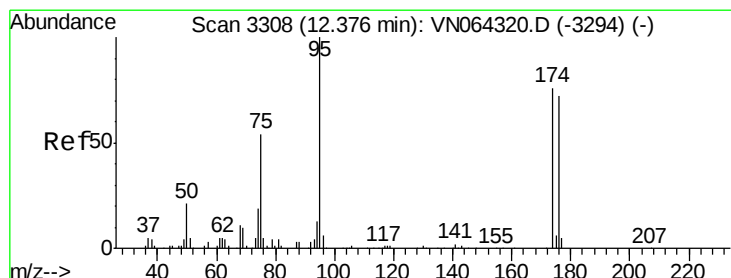
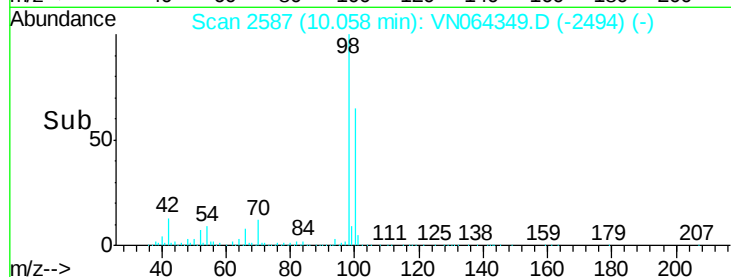
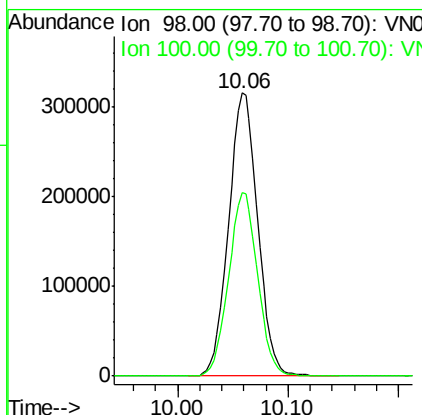
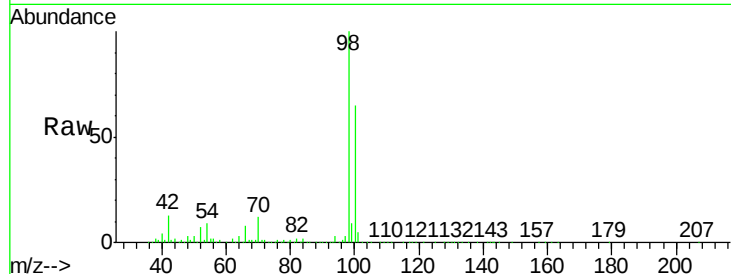
#50  
Toluene-d8  
Concen: 51.461 ug/l  
RT: 10.06 min Scan# 2587  
Delta R.T. 0.00 min  
Lab File: VN064349.D  
Acq: 28 Oct 2020 13:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB132665ZHE#01

| Tot Ion   | 98   | Resp  | 577926 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 98        | 100  |       |        |
| 100       | 64.6 | 50.9  | 76.3   |

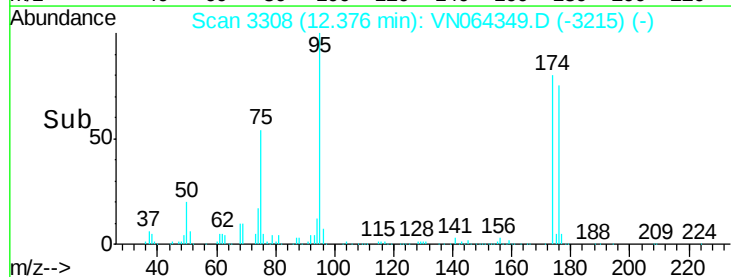
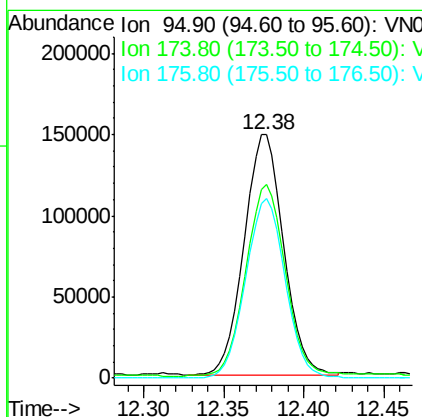
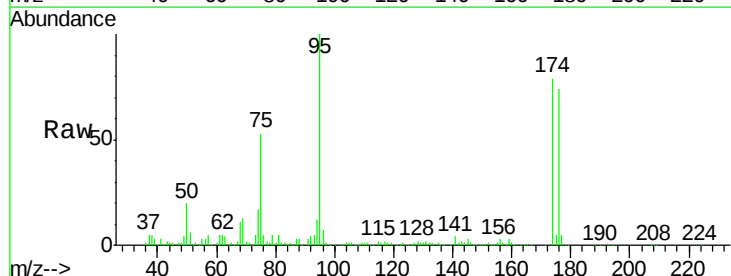
Manual Integrations  
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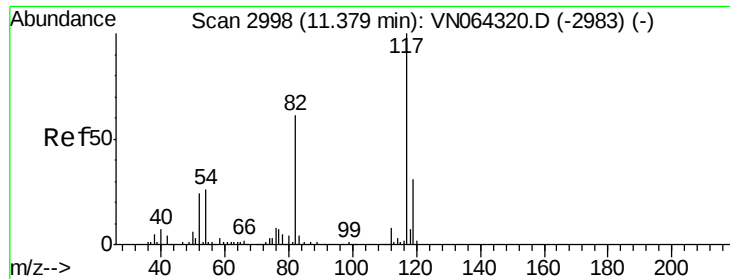
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10/29/2020 9:50:11 AM



#62  
4-Bromofluorobenzene  
Concen: 56.888 ug/l  
RT: 12.38 min Scan# 3308  
Delta R.T. 0.00 min  
Lab File: VN064349.D  
Acq: 28 Oct 2020 13:58

| Tgt Ion   | 95   | Resp  | 249091 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 95        | 100  |       |        |
| 174       | 81.1 | 0.0   | 147.4  |
| 176       | 75.4 | 0.0   | 143.6  |





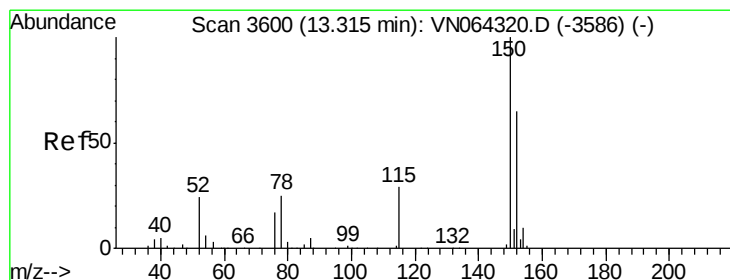
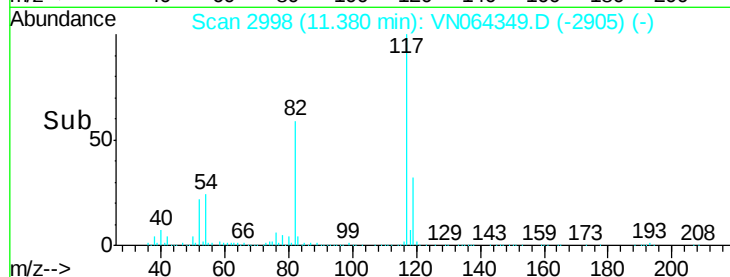
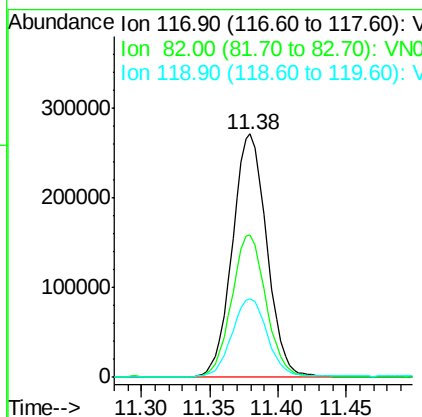
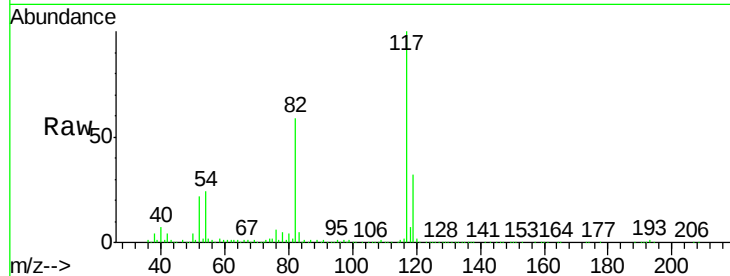
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2998  
Delta R.T. 0.00 min  
Lab File: VN064349.D  
Acq: 28 Oct 2020 13:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB132665ZHE#01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 470675 |       |       |
| 82      | 58.5  |        | 48.8  | 73.2  |
| 119     | 32.1  |        | 25.1  | 37.7  |

Manual Integrations  
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10/29/2020 9:50:11 AM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.32 min Scan# 3600  
Delta R.T. 0.00 min  
Lab File: VN064349.D  
Acq: 28 Oct 2020 13:58

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 217532 |       |       |
| 115     | 62.3  |        | 31.5  | 94.5  |
| 150     | 157.9 |        | 0.0   | 346.2 |

