

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101620\  
 Data File : VN064179.D  
 Acq On : 16 Oct 2020 21:06  
 Operator : JC/MD  
 Sample : PB132400ZHE#10  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB132400ZHE#10

Manual Integrations  
 APPROVED

MMDadoda  
 10/19/2020 4:23:00 PM

Quant Time: Oct 17 02:51:00 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N101420W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 15 01:16:44 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.63  | 168  | 298583   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.55  | 114  | 632838   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.38 | 117  | 650841   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.32 | 152  | 230125   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 7.99  | 65   | 263933   | 62.07  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 124.14% |          |
| 35) Dibromofluoromethane    | 7.55  | 113  | 206684   | 47.19  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 94.38%  |          |
| 50) Toluene-d8              | 10.06 | 98   | 812507   | 49.16  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 98.32%  |          |
| 62) 4-Bromofluorobenzene    | 12.38 | 95   | 273318   | 48.11  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 96.22%  |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 3.79  | 43   | 13914    | 11.031 | ug/l    | 90       |
| 18) Methyl Acetate          | 4.29  | 43   | 5643m    | 1.783  | ug/l    |          |
| 20) Methylene Chloride      | 4.51  | 84   | 14875    | 3.811  | ug/l    | 94       |
| 43) Isopropyl Acetate       | 8.13  | 43   | 114273   | 12.721 | ug/l #  | 87       |

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

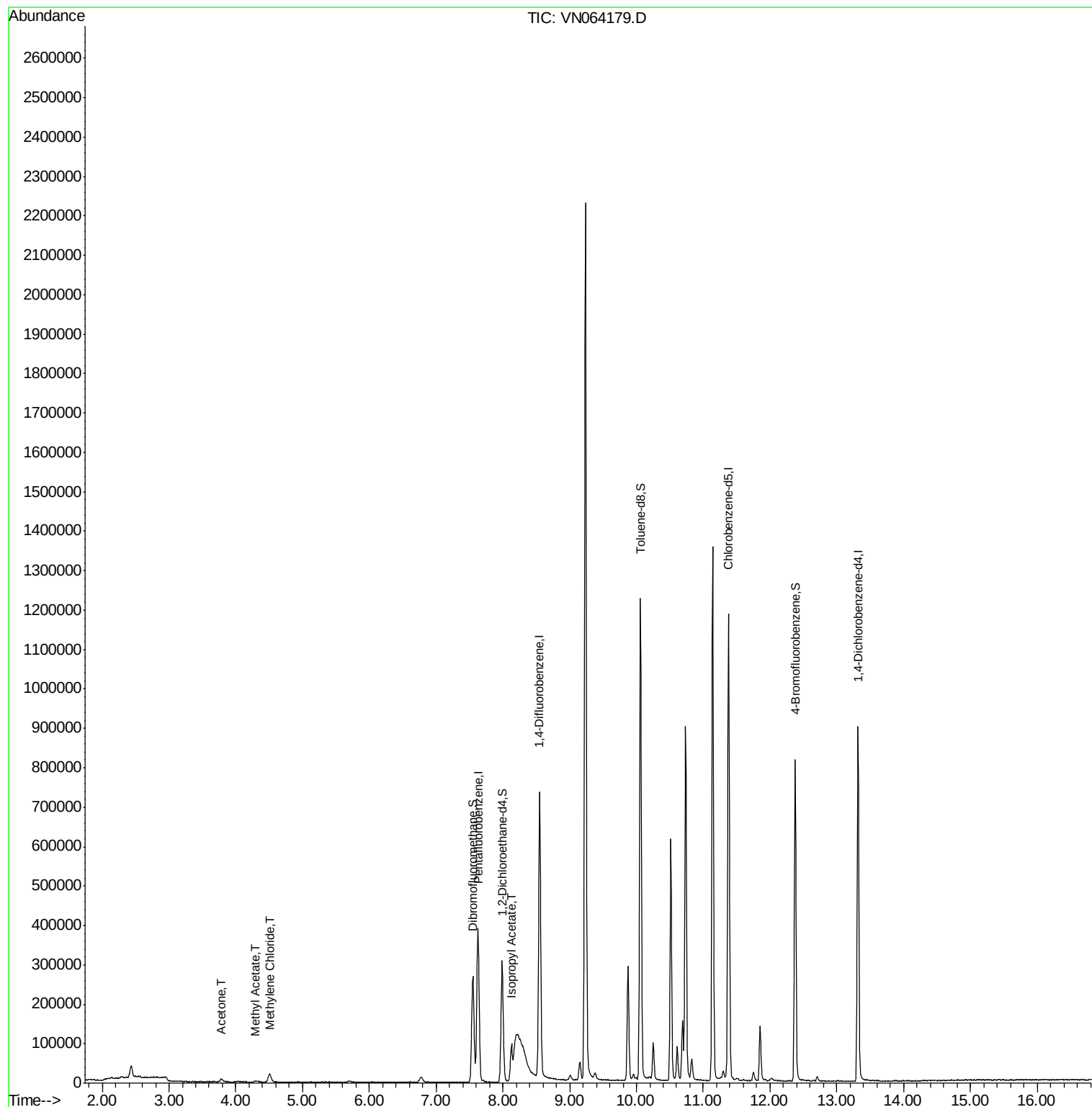
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101620\  
Data File : VN064179.D  
Acq On : 16 Oct 2020 21:06  
Operator : JC/MD  
Sample : PB132400ZHE#10  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 18 Sample Multiplier: 1

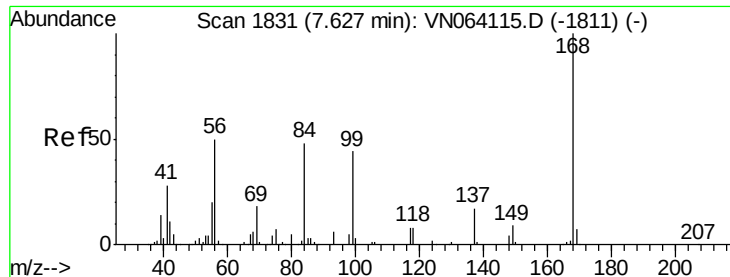
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB132400ZHE#10

Manual Integrations  
APPROVED

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10/19/2020 4:23:00 PM

Quant Time: Oct 17 02:51:00 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N101420W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 15 01:16:44 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: VN064179.D

Acq: 16 Oct 2020 21:06

Instrument :

MSVOA\_N

ClientSampleId :

PB132400ZHE#10

Tot Ion:168 Resp: 298583

Ion Ratio Lower Upper

168 100

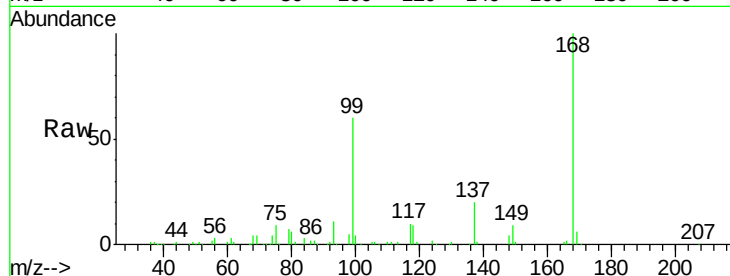
99 59.7 43.6 65.4

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

150000

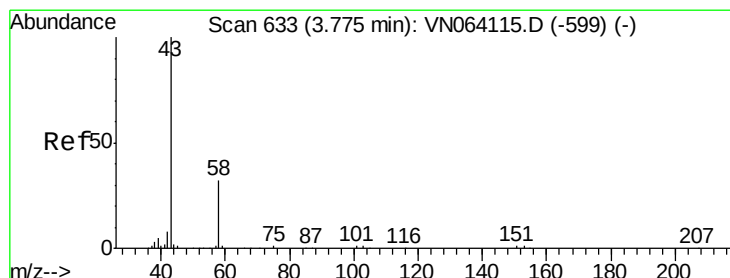
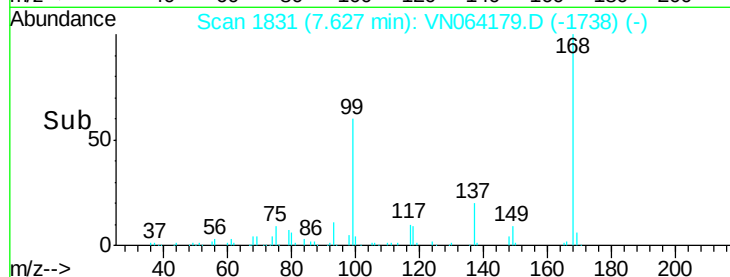
100000

50000

0

Time-->

7.50 7.60 7.70



#16

Acetone

Concen: 11.031 ug/l

RT: 3.79 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN064179.D

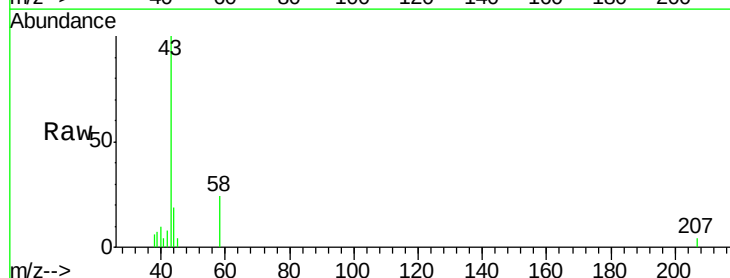
Acq: 16 Oct 2020 21:06

Tgt Ion: 43 Resp: 13914

Ion Ratio Lower Upper

43 100

58 25.8 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.79

6000

5000

4000

3000

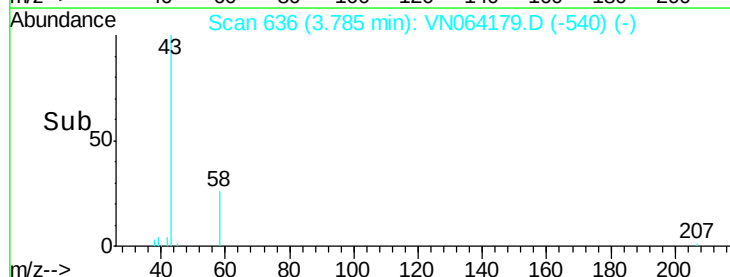
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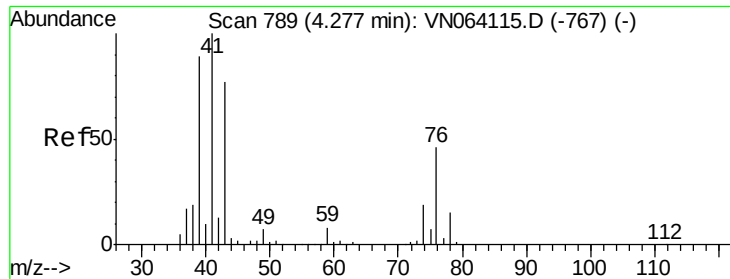
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0

Time-->

3.70 3.80 3.90





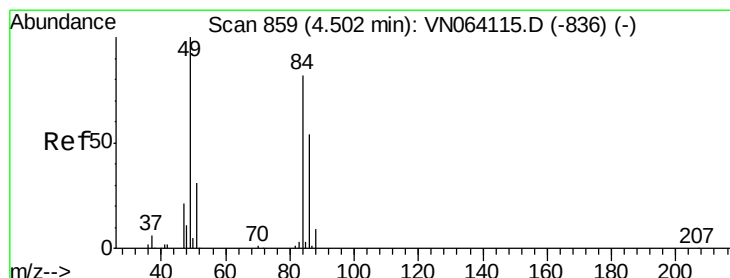
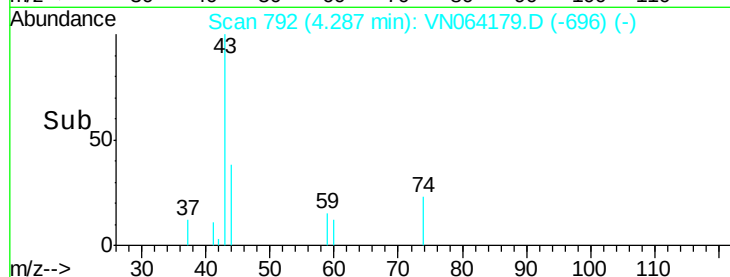
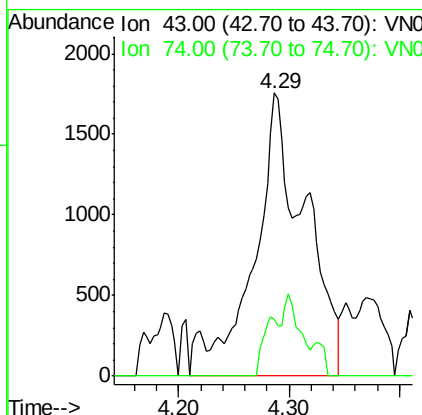
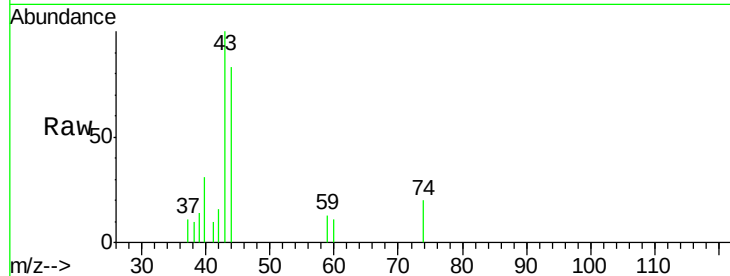
#18  
Methyl Acetate  
Concen: 1.783 ug/l m  
RT: 4.29 min Scan# 792  
Delta R.T. 0.01 min  
Lab File: VN064179.D  
Acq: 16 Oct 2020 21:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB132400ZHE#10

Tot Ion: 43 Resp: 5643  
Ion Ratio Lower Upper  
43 100  
74 6.1 19.7 29.5#

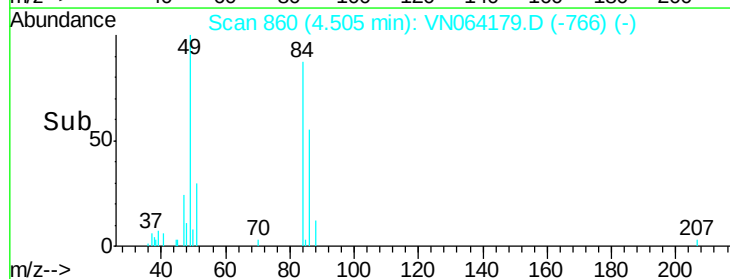
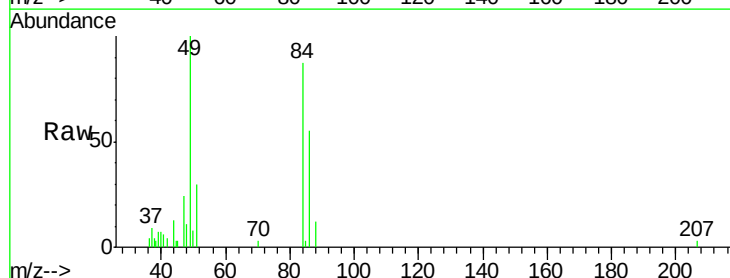
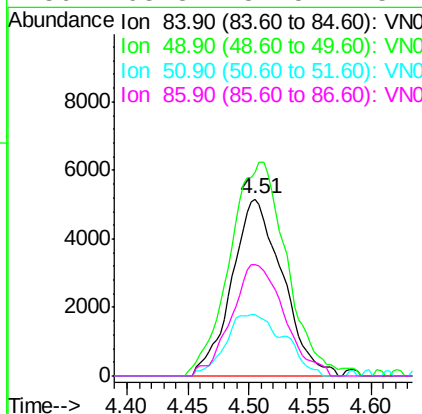
Manual Integrations  
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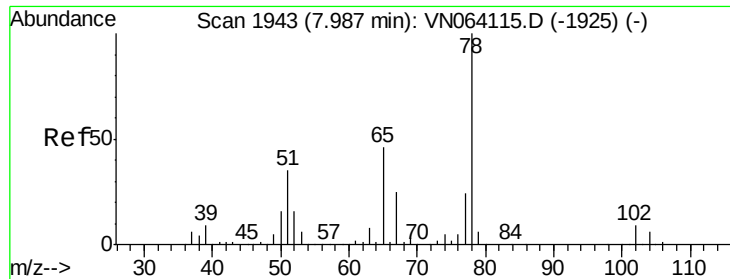
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#20  
Methylene Chloride  
Concen: 3.811 ug/l  
RT: 4.51 min Scan# 860  
Delta R.T. 0.00 min  
Lab File: VN064179.D  
Acq: 16 Oct 2020 21:06

Tgt Ion: 84 Resp: 14875  
Ion Ratio Lower Upper  
84 100  
49 112.2 97.4 146.0  
51 34.8 29.7 44.5  
86 63.3 52.5 78.7





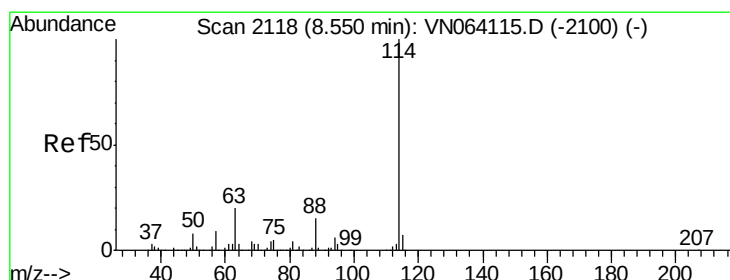
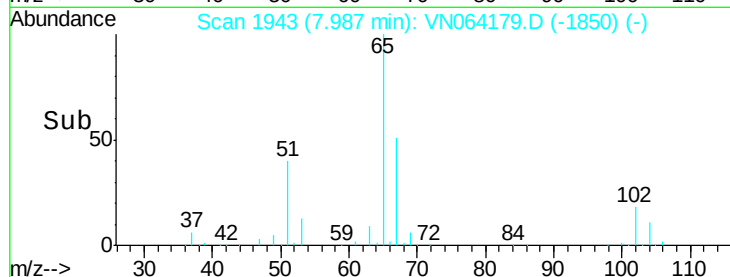
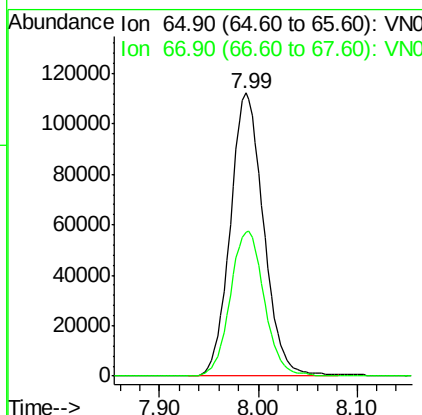
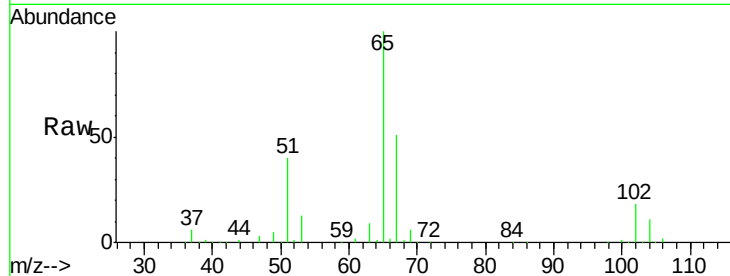
#33  
 1,2-Dichloroethane-d4  
 Concen: 62.066 ug/l  
 RT: 7.99 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VN064179.D  
 Acq: 16 Oct 2020 21:06

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB132400ZHE#10

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 263933 |       |       |
| 67      | 52.3  | 0.0    | 105.6 |       |

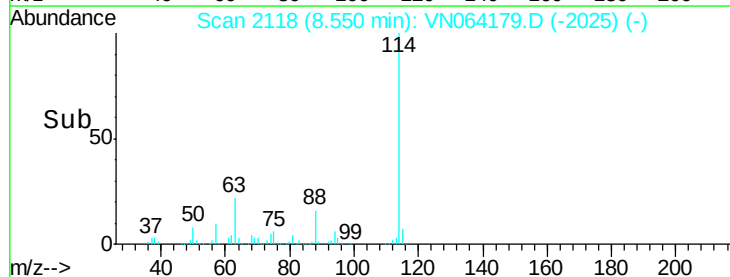
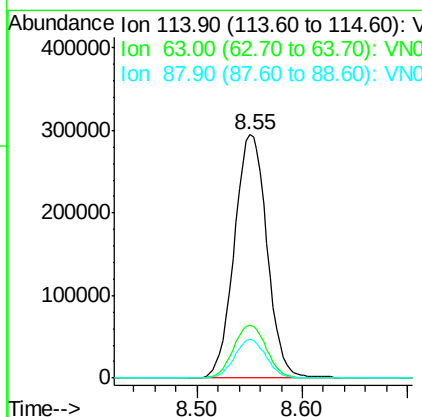
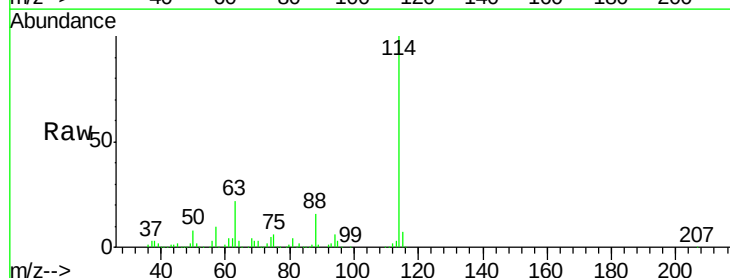
Manual Integrations  
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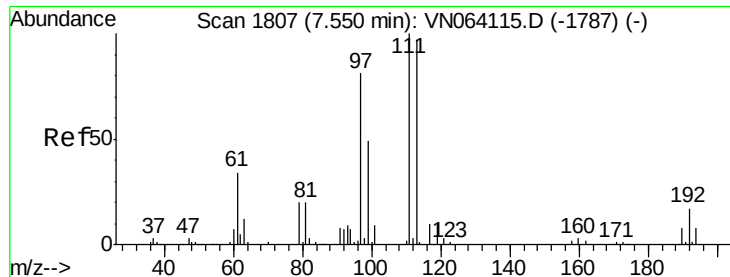
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2118  
 Delta R.T. 0.00 min  
 Lab File: VN064179.D  
 Acq: 16 Oct 2020 21:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 632838 |       |       |
| 63      | 21.5  | 0.0    | 41.0  |       |
| 88      | 15.9  | 0.0    | 29.2  |       |





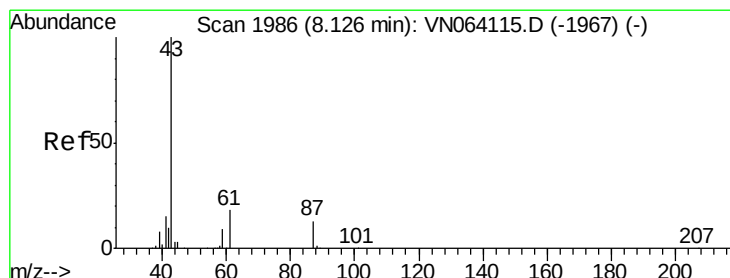
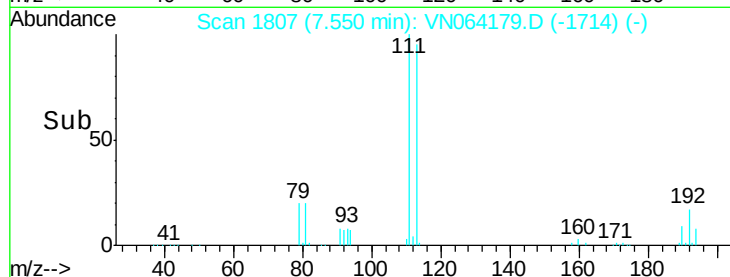
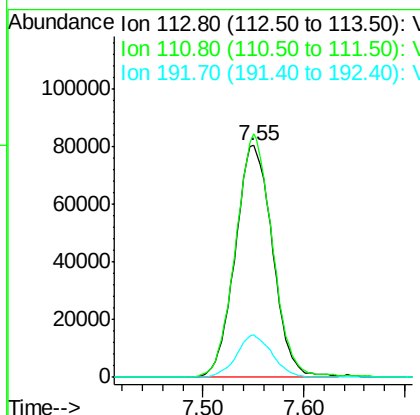
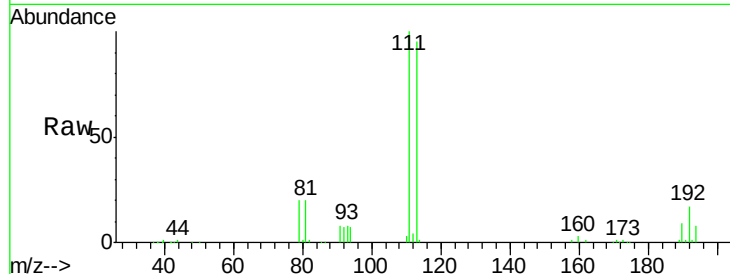
#35  
 Dibromofluoromethane  
 Concen: 47.186 ug/l  
 RT: 7.55 min Scan# 1807  
 Delta R.T. 0.00 min  
 Lab File: VN064179.D  
 Acq: 16 Oct 2020 21:06

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB132400ZHE#10

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 206684 |       |       |
| 111     | 103.2 | 81.9   | 122.9 |       |
| 192     | 17.5  | 14.3   | 21.5  |       |

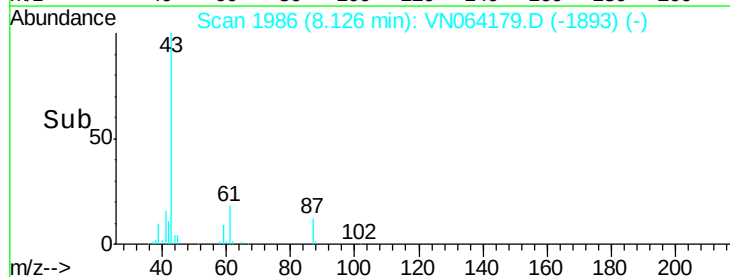
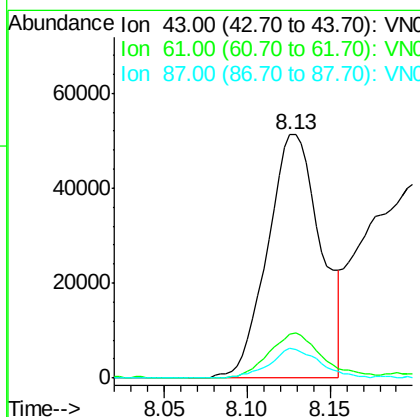
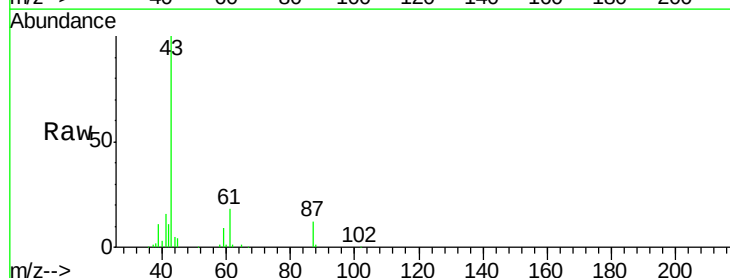
Manual Integrations  
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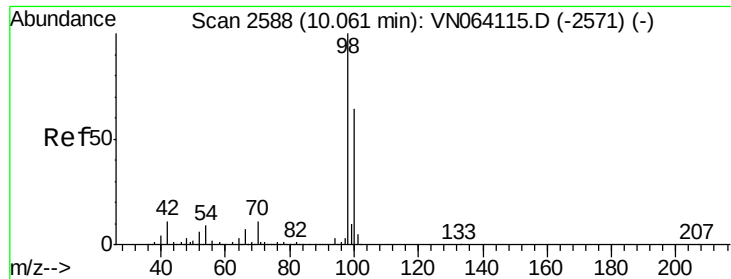
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#43  
 Isopropyl Acetate  
 Concen: 12.721 ug/l  
 RT: 8.13 min Scan# 1986  
 Delta R.T. 0.00 min  
 Lab File: VN064179.D  
 Acq: 16 Oct 2020 21:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 43      | 100   | 114273 |       |       |
| 61      | 18.7  | 21.9   | 32.9# |       |
| 87      | 11.5  | 11.0   | 16.4  |       |





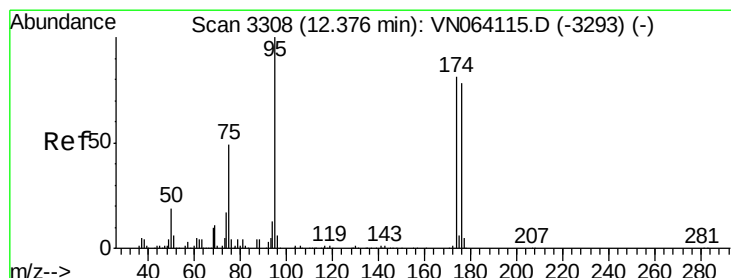
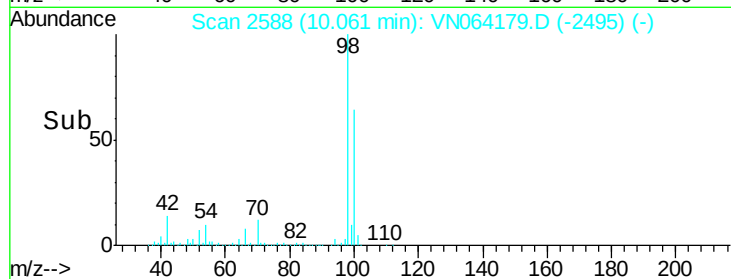
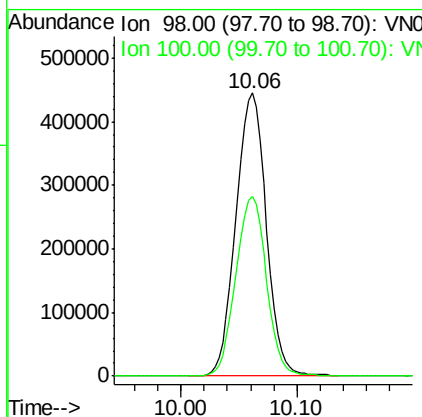
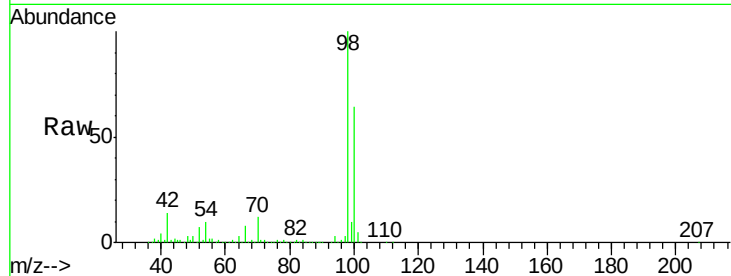
#50  
Toluene-d8  
Concen: 49.162 ug/l  
RT: 10.06 min Scan# 2588  
Delta R.T. 0.00 min  
Lab File: VN064179.D  
Acq: 16 Oct 2020 21:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB132400ZHE#10

Tot Ion: 98 Resp: 812507  
Ion Ratio Lower Upper  
98 100  
100 63.9 50.8 76.2

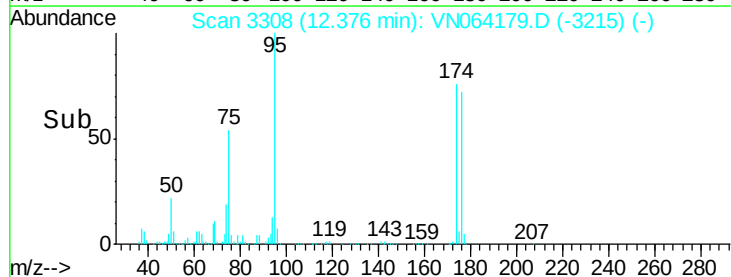
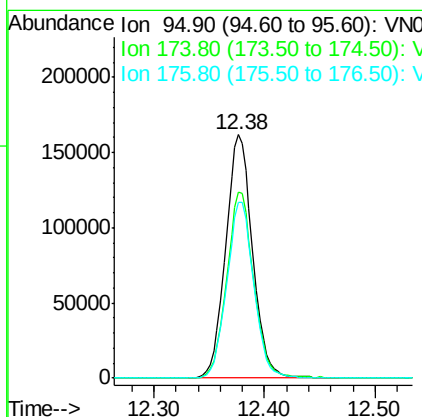
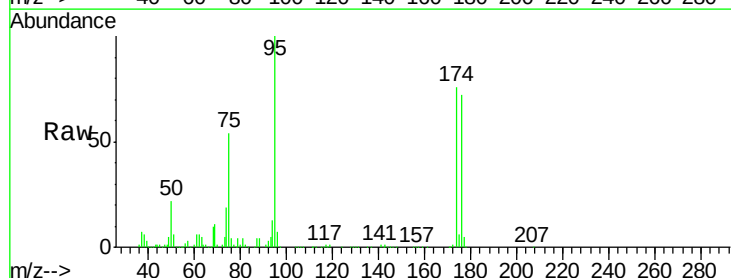
Manual Integrations  
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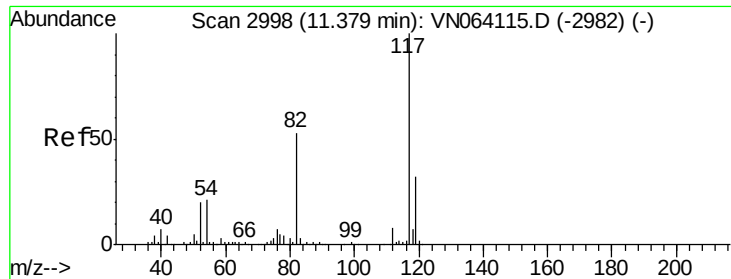
MMDadoda  
10/19/2020 4:23:00 PM



#62  
4-Bromofluorobenzene  
Concen: 48.113 ug/l  
RT: 12.38 min Scan# 3308  
Delta R.T. 0.00 min  
Lab File: VN064179.D  
Acq: 16 Oct 2020 21:06

Tgt Ion: 95 Resp: 273318  
Ion Ratio Lower Upper  
95 100  
174 77.1 0.0 164.8  
176 72.8 0.0 157.8





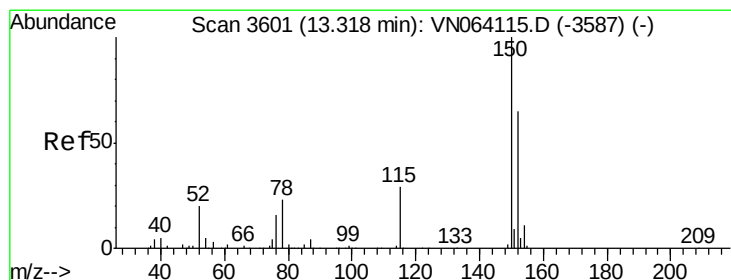
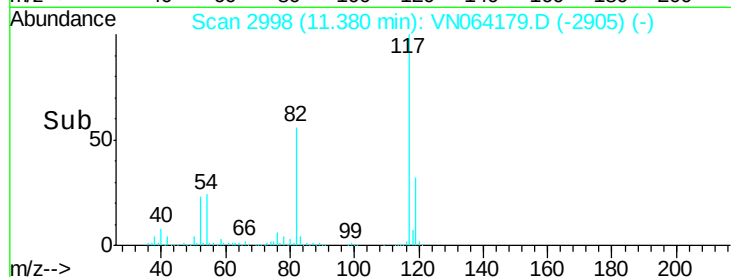
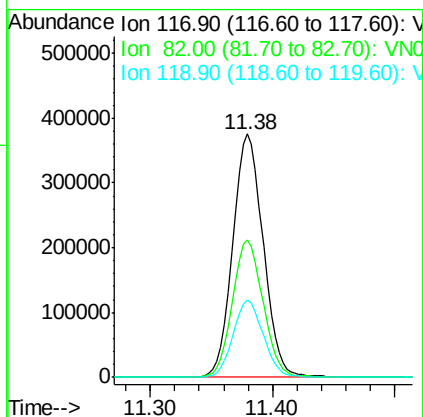
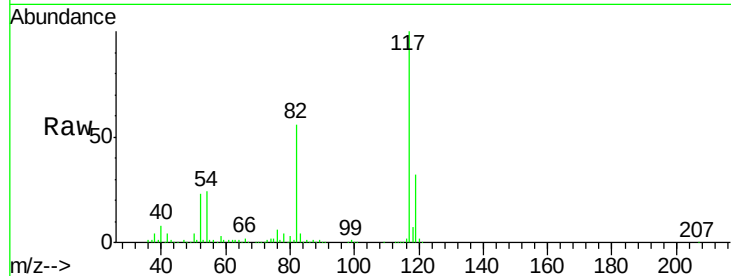
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2998  
Delta R.T. 0.00 min  
Lab File: VN064179.D  
Acq: 16 Oct 2020 21:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB132400ZHE#10

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 56.5  | 42.6  | 63.8  |
| 119     | 31.8  | 25.5  | 38.3  |

Manual Integrations  
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10/19/2020 4:23:00 PM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.32 min Scan# 3601  
Delta R.T. 0.00 min  
Lab File: VN064179.D  
Acq: 16 Oct 2020 21:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 61.9  | 29.3  | 87.8  |
| 150     | 157.2 | 0.0   | 346.0 |

