

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080718\  
 Data File : VN050443.D  
 Acq On : 7 Aug 2018 19:59  
 Operator : MD\SY  
 Sample : J4369-04  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-35

Manual Integrations  
 APPROVED

MMDadoda  
 8/8/2018 10:48:29 AM

Quant Time: Aug 08 10:56:18 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N080618W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 07 05:22:15 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|--------|-----------|
| 1) Pentafluorobenzene       | 7.67  | 168  | 823788   | 50.00 | ug/l   | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.59  | 114  | 1242460  | 50.00 | ug/l   | 0.00      |
| 63) Chlorobenzene-d5        | 11.41 | 117  | 1094808  | 50.00 | ug/l   | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.35 | 152  | 489747   | 50.00 | ug/l   | 0.00      |
| System Monitoring Compounds |       |      |          |       |        |           |
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 510673   | 46.40 | ug/l   | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 92.80% |           |
| 35) Dibromofluoromethane    | 7.59  | 113  | 469816   | 47.13 | ug/l   | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 94.26% |           |
| 50) Toluene-d8              | 10.09 | 98   | 1727164  | 46.08 | ug/l   | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 92.16% |           |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 557549   | 43.64 | ug/l   | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 87.28% |           |
| Target Compounds            |       |      |          |       |        |           |
| 16) Acetone                 | 3.82  | 43   | 39411    | 11.66 | ug/l   | Qvalue 94 |

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

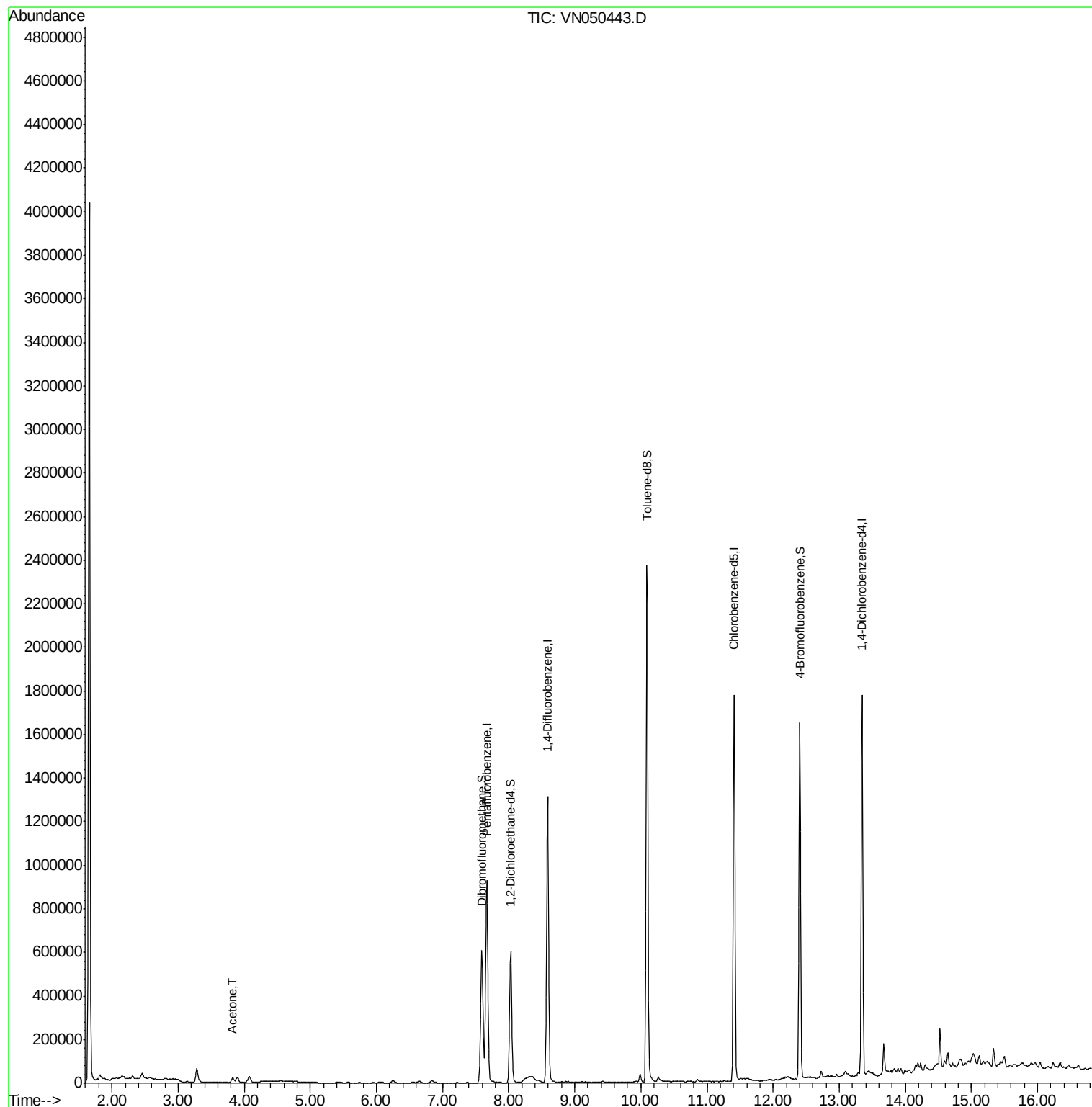
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080718\  
Data File : VN050443.D  
Acq On : 7 Aug 2018 19:59  
Operator : MD\SY  
Sample : J4369-04  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 22 Sample Multiplier: 1

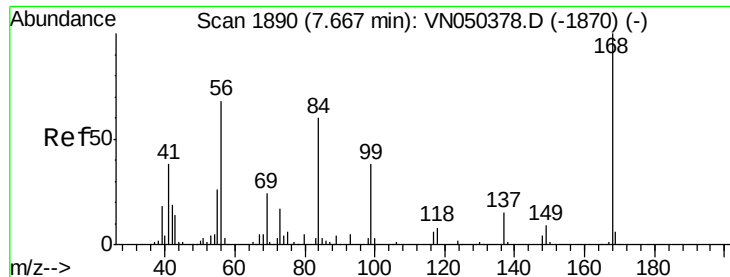
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-35

Manual Integrations  
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8/8/2018 10:48:29 AM

Quant Time: Aug 08 10:56:18 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N080618W.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 07 05:22:15 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050443.D

Acq: 7 Aug 2018 19:59

Instrument :

MSVOA\_N

ClientSampled :

MW-35

Tot Ion:168 Resp: 823788

Ion Ratio Lower Upper

168 100

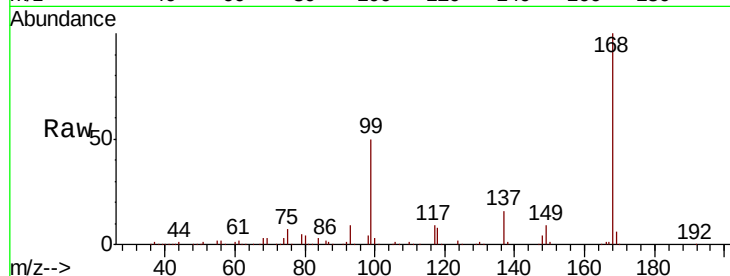
99 50.1 40.0 60.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

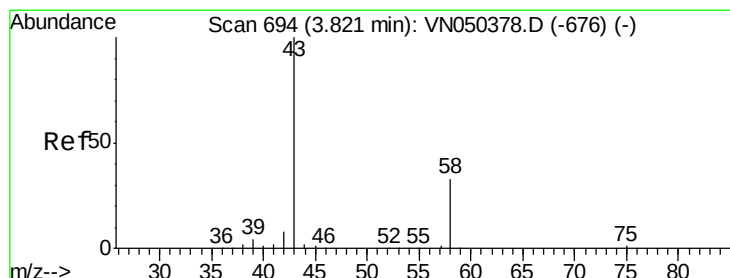
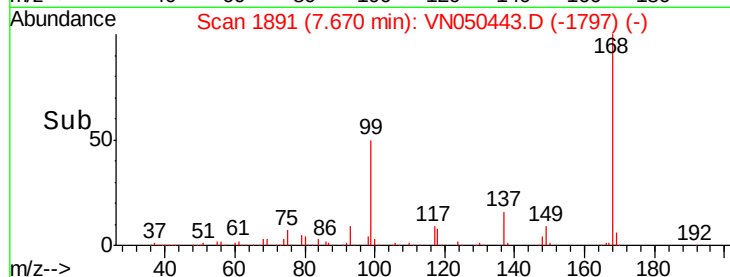
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 11.66 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050443.D

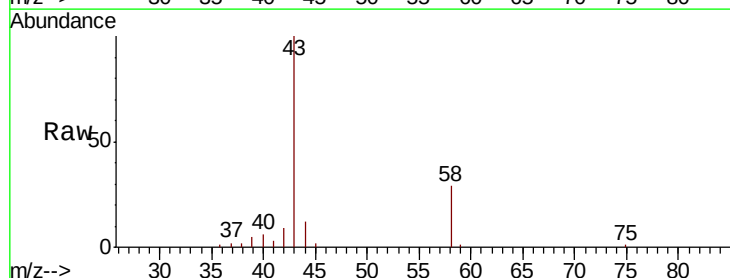
Acq: 7 Aug 2018 19:59

Tgt Ion: 43 Resp: 39411

Ion Ratio Lower Upper

43 100

58 29.1 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

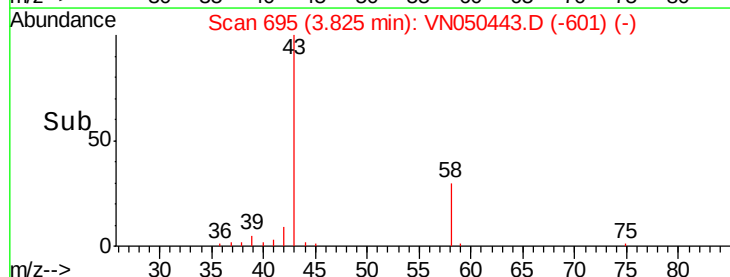
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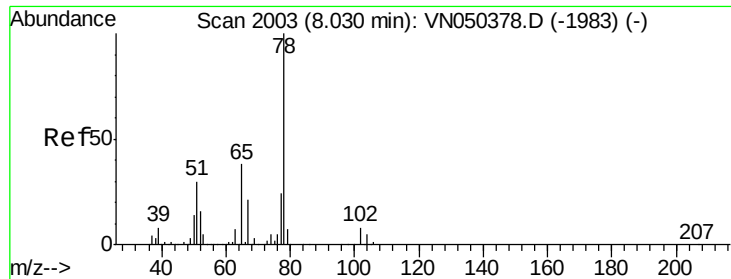
10000

5000

0

Time-->





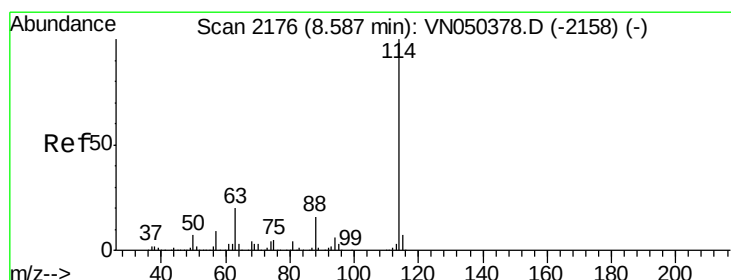
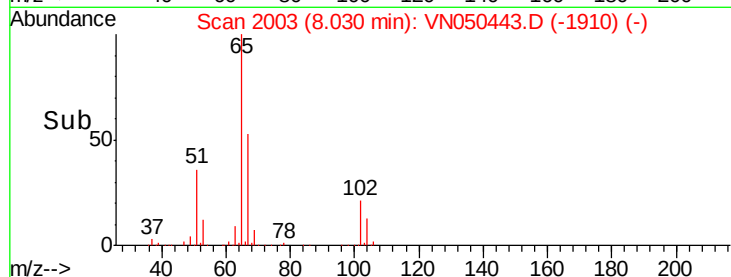
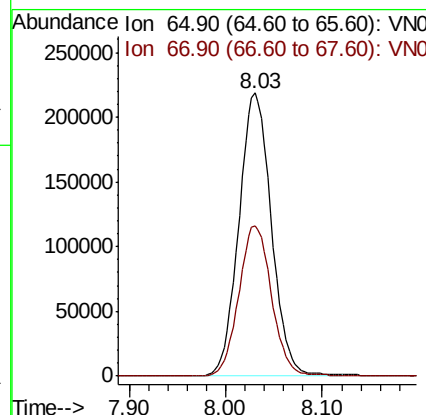
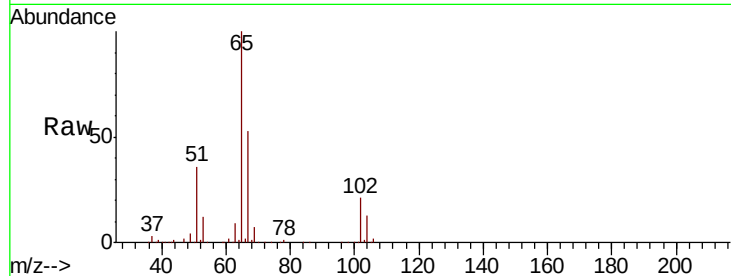
#33  
 1,2-Dichloroethane-d4  
 Concen: 46.40 ug/l  
 RT: 8.03 min Scan# 2003  
 Delta R.T. -0.00 min  
 Lab File: VN050443.D  
 Acq: 7 Aug 2018 19:59

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 MW-35

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 65      | 100   |      |       |       |
| 67      | 53.6  | 0.0  | 108.4 |       |

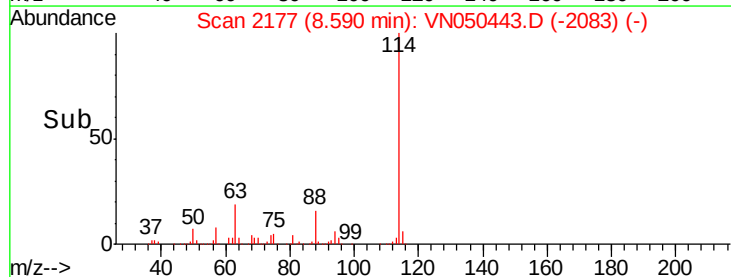
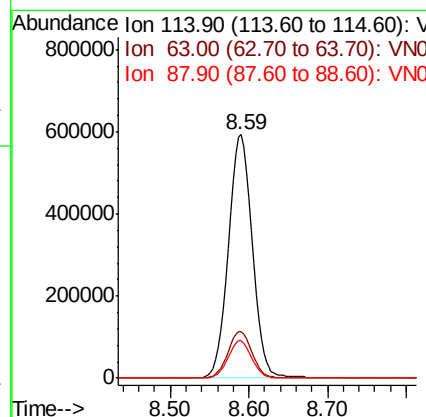
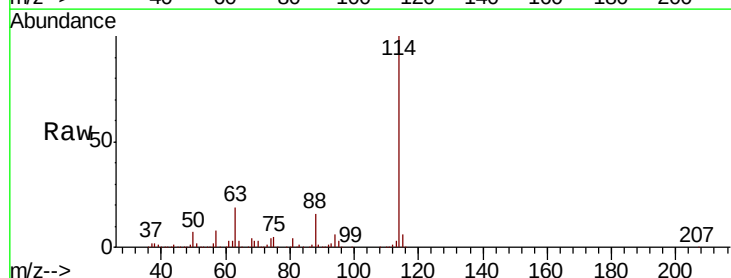
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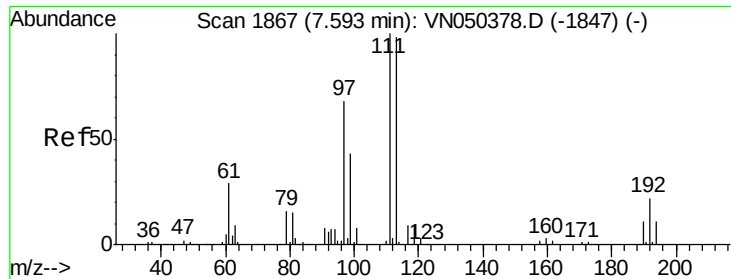
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 8/8/2018 10:48:29 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.59 min Scan# 2177  
 Delta R.T. 0.00 min  
 Lab File: VN050443.D  
 Acq: 7 Aug 2018 19:59

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 114     | 100   |      |       |       |
| 63      | 19.2  | 0.0  | 40.0  |       |
| 88      | 15.6  | 0.0  | 31.2  |       |





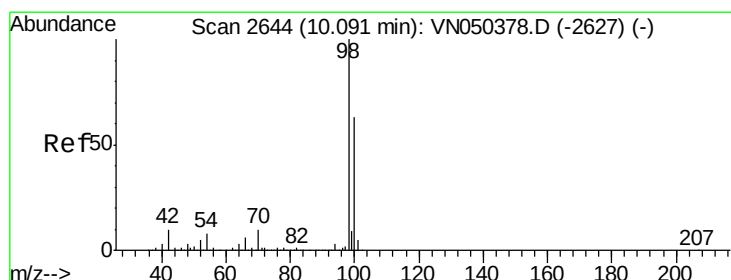
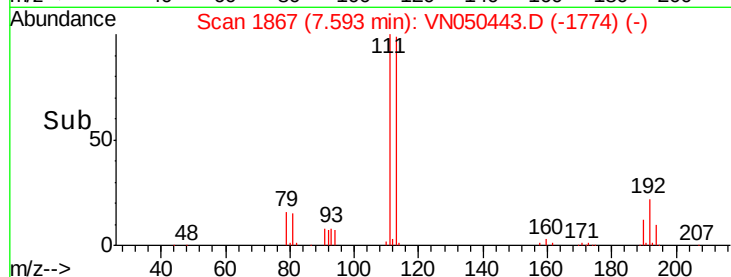
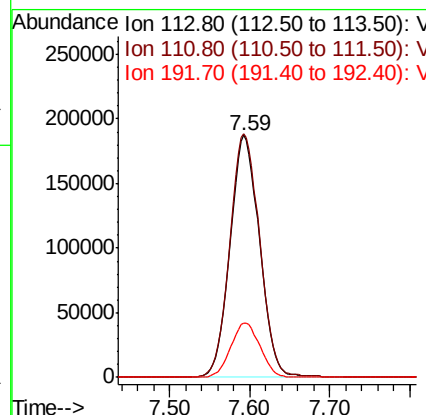
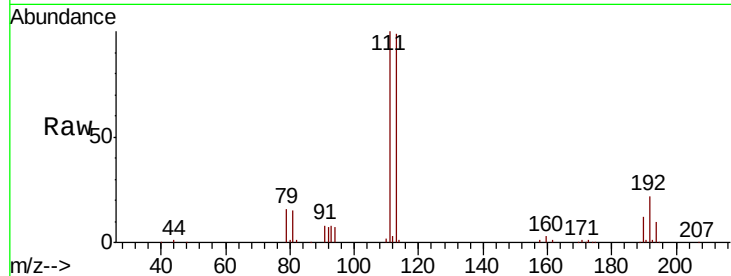
#35  
 Dibromofluoromethane  
 Concen: 47.13 ug/l  
 RT: 7.59 min Scan# 1867  
 Delta R.T. -0.00 min  
 Lab File: VN050443.D  
 Acq: 7 Aug 2018 19:59

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-35

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 469816 |       |       |
| 111     | 102.2 | 80.7   | 121.1 |       |
| 192     | 22.4  | 17.8   | 26.6  |       |

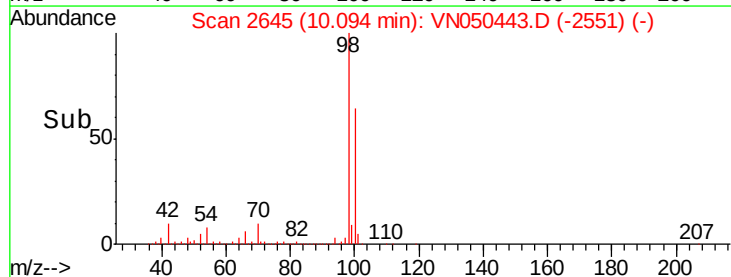
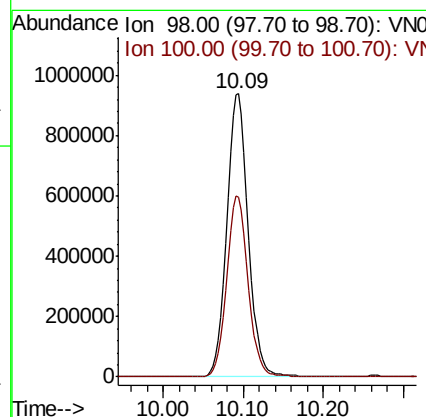
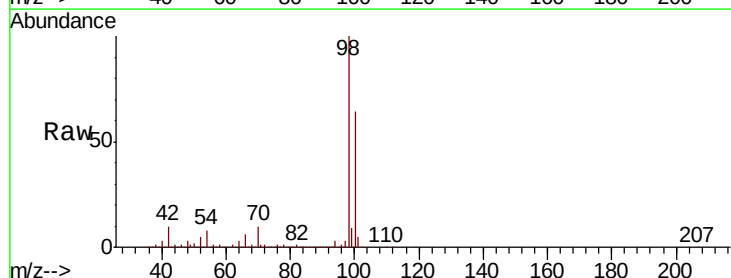
Manual Integrations  
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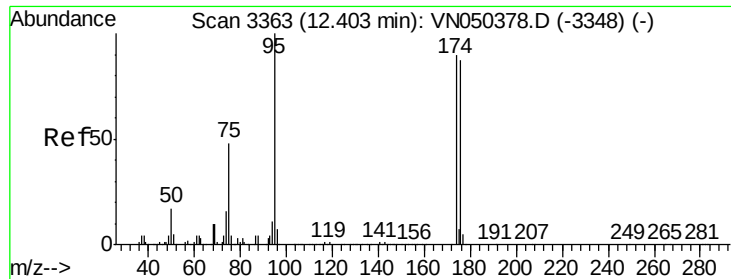
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 8/8/2018 10:48:29 AM



#50  
 Toluene-d8  
 Concen: 46.08 ug/l  
 RT: 10.09 min Scan# 2645  
 Delta R.T. 0.00 min  
 Lab File: VN050443.D  
 Acq: 7 Aug 2018 19:59

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 98      | 100   | 1727164 |       |       |
| 100     | 64.1  | 50.7    | 76.1  |       |





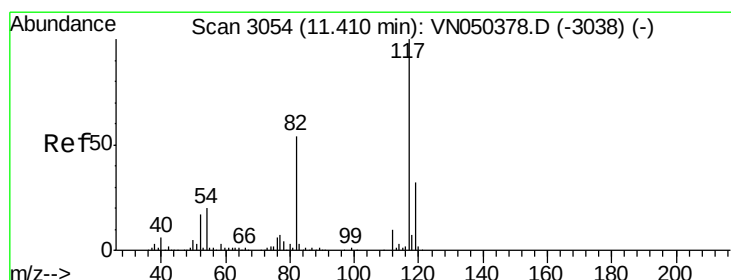
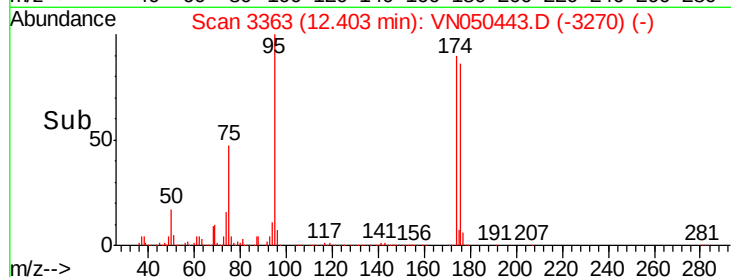
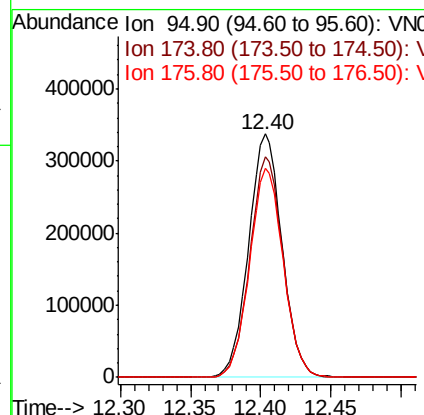
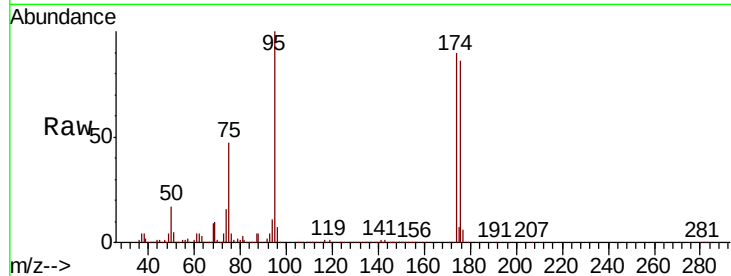
#62  
4-Bromofluorobenzene  
Concen: 43.64 ug/l  
RT: 12.40 min Scan# 3363  
Delta R.T. -0.00 min  
Lab File: VN050443.D  
Acq: 7 Aug 2018 19:59

Instrument :  
MSVOA\_N  
ClientSampled :  
MW-35

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 95      | 100   | 557549 |       |       |
| 174     | 90.5  | 0.0    | 178.2 |       |
| 176     | 87.0  | 0.0    | 173.4 |       |

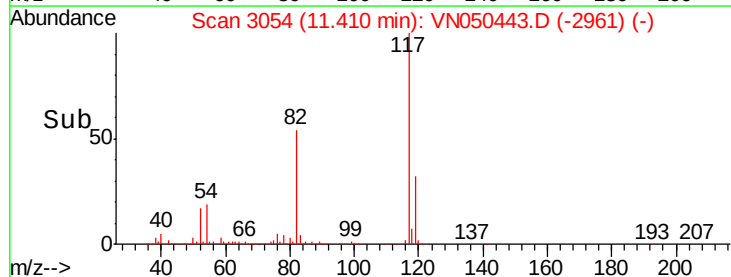
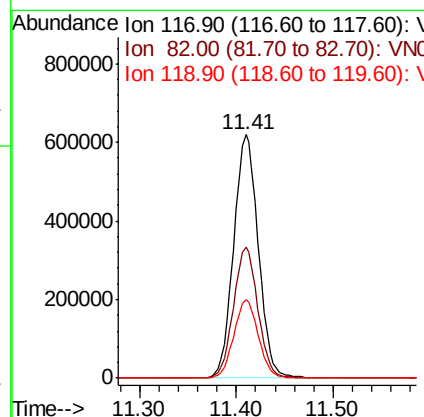
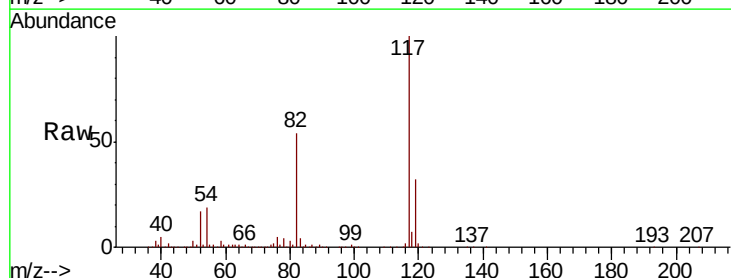
Manual Integrations  
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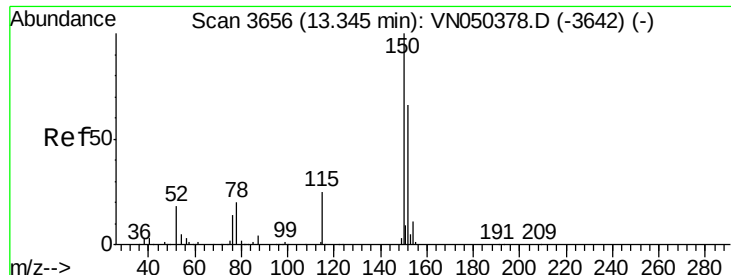
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8/8/2018 10:48:29 AM



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.41 min Scan# 3054  
Delta R.T. -0.00 min  
Lab File: VN050443.D  
Acq: 7 Aug 2018 19:59

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 117     | 100   | 1094808 |       |       |
| 82      | 53.7  | 43.7    | 65.5  |       |
| 119     | 32.4  | 26.1    | 39.1  |       |





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN050443.D

Acq: 7 Aug 2018 19:59

Instrument :

MSVOA\_N

ClientSampled :

MW-35

Tot Ion:152 Resp: 489747

Ion Ratio Lower Upper

152 100

115 55.9 27.8 83.3

150 156.3 0.0 348.6

Manual Integrations

APPROVED

MMDadoda

8/8/2018 10:48:29 AM

