

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112619\  
 Data File : VN059411.D  
 Acq On : 26 Nov 2019 16:58  
 Operator : JC/SP  
 Sample : K5663-04  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 AU-06-112219

Quant Time: Nov 27 07:42:48 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N112019W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 21 08:44:45 2019  
 Response via : Initial Calibration

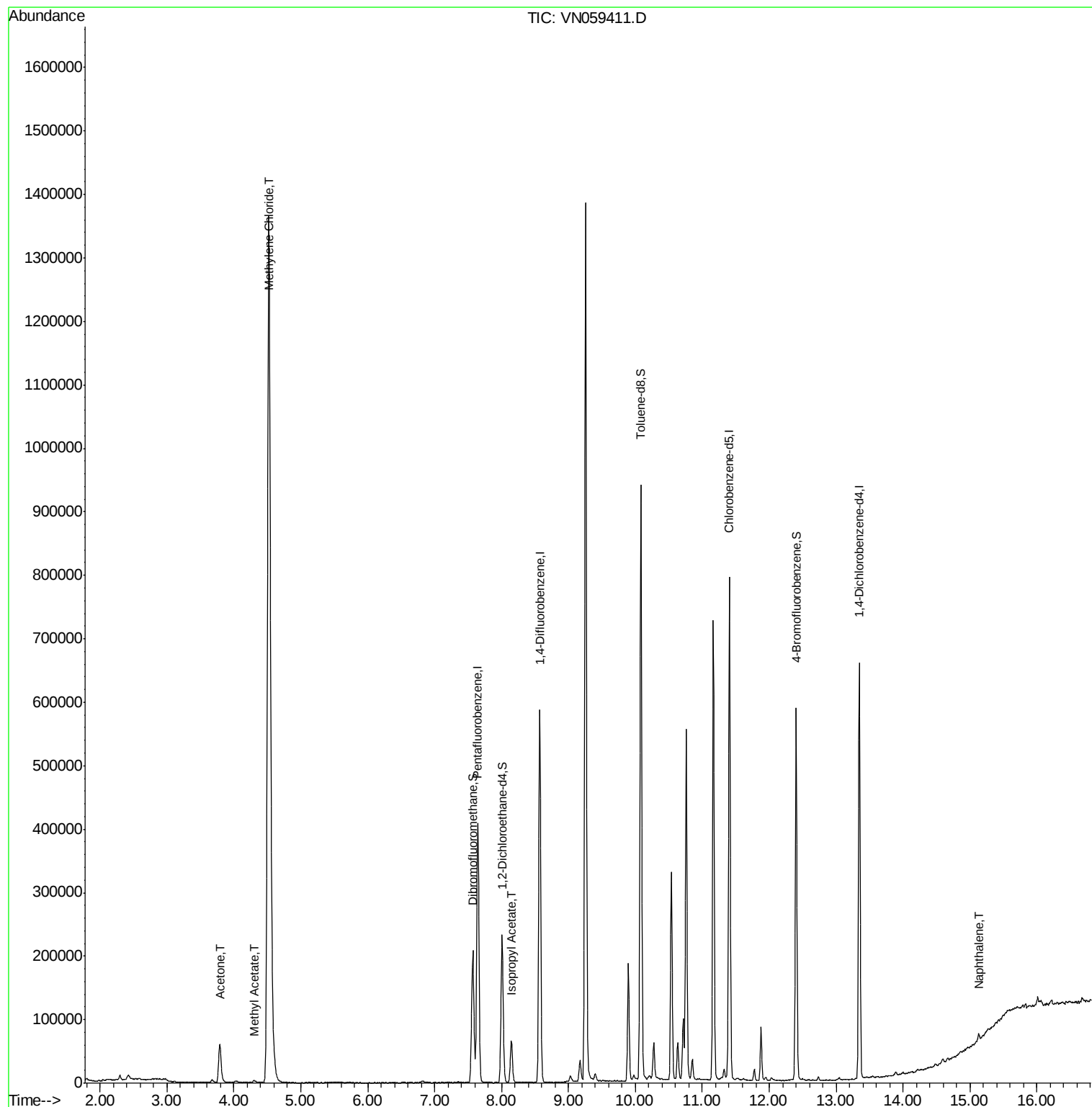
| Internal Standards          | R.T.  | QIon | Response | Conc    | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|---------|---------|----------|
| 1) Pentafluorobenzene       | 7.65  | 168  | 349822   | 50.00   | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.57  | 114  | 539107   | 50.00   | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.40 | 117  | 477647   | 50.00   | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.35 | 152  | 183702   | 50.00   | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |         |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.01  | 65   | 199686   | 47.57   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 95.14%  |          |
| 35) Dibromofluoromethane    | 7.57  | 113  | 162939   | 50.38   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 100.76% |          |
| 50) Toluene-d8              | 10.08 | 98   | 661955   | 51.48   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 102.96% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 215700   | 47.98   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 95.96%  |          |
| Target Compounds            |       |      |          |         |         |          |
| 16) Acetone                 | 3.79  | 43   | 101510   | 53.938  | ug/l    | 98       |
| 18) Methyl Acetate          | 4.30  | 43   | 6432     | 1.030   | ug/l #  | 88       |
| 20) Methylene Chloride      | 4.53  | 84   | 1141786  | 269.001 | ug/l    | 98       |
| 43) Isopropyl Acetate       | 8.15  | 43   | 79392    | 8.685   | ug/l #  | 91       |
| 95) Naphthalene             | 15.13 | 128  | 8067     | 3.866   | ug/l    | 99       |

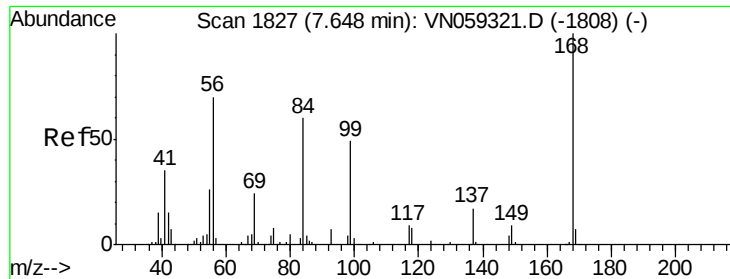
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112619\  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N112019W.M  
Quant Title : SW846 8260  
QLast Update : Thu Nov 21 08:44:45 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059411.D

Acq: 26 Nov 2019 16:58

Instrument :

MSVOA\_N

ClientSampleId :

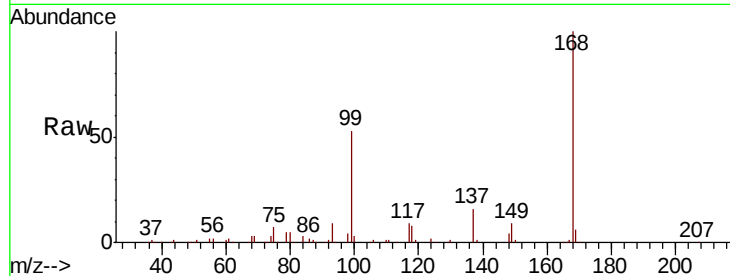
AU-06-112219

Tot Ion:168 Resp: 349822

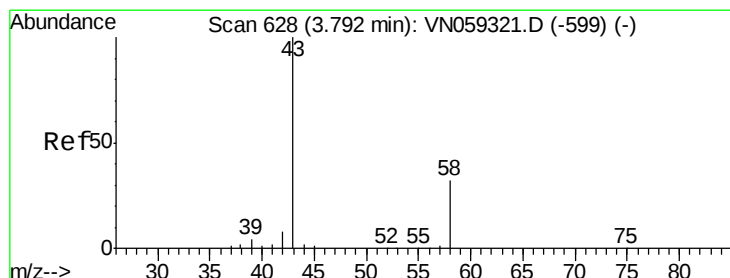
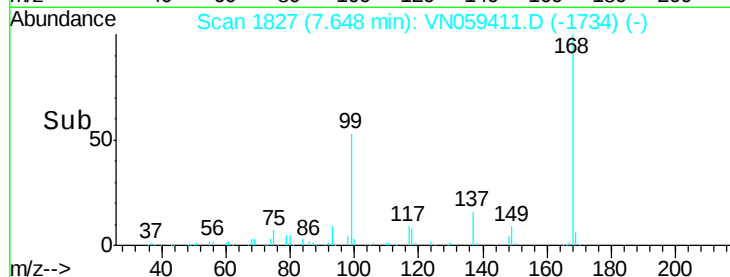
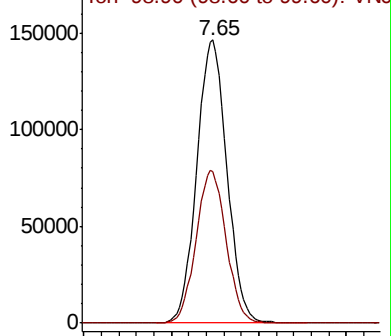
Ion Ratio Lower Upper

168 100

99 53.4 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): VN059411.D (-1734) (-)



#16

Acetone

Concen: 53.938 ug/l

RT: 3.79 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN059411.D

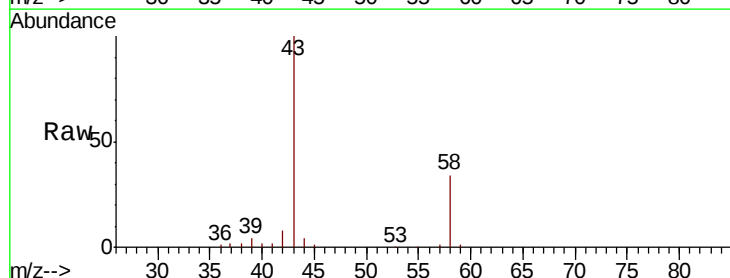
Acq: 26 Nov 2019 16:58

Tgt Ion: 43 Resp: 101510

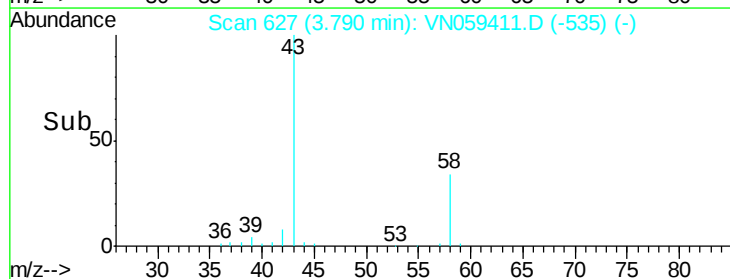
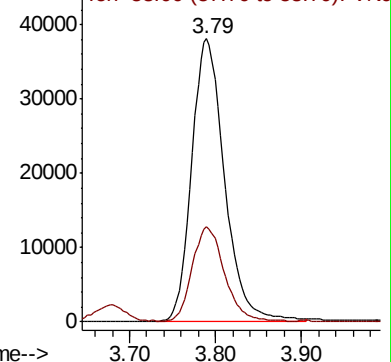
Ion Ratio Lower Upper

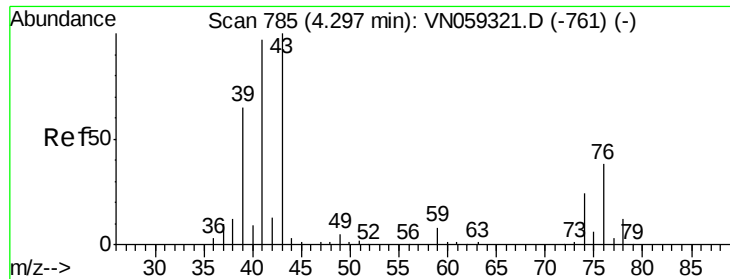
43 100

58 33.2 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VN059411.D (-535) (-)

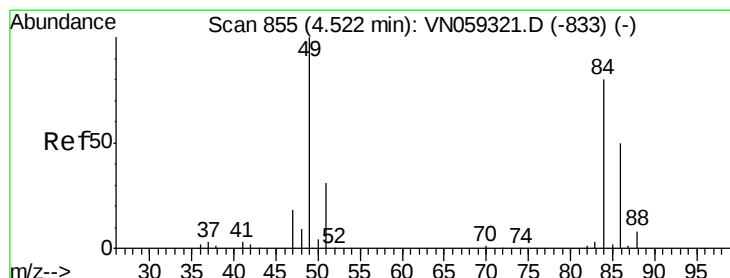
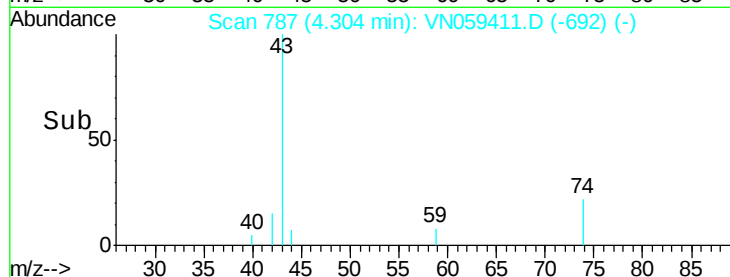
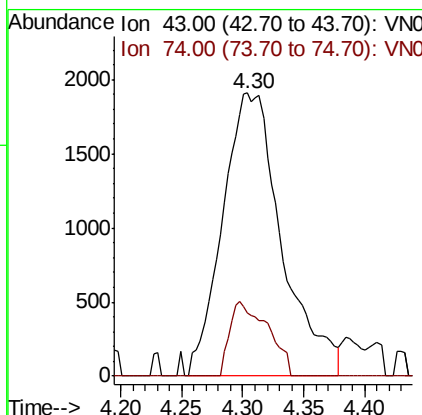
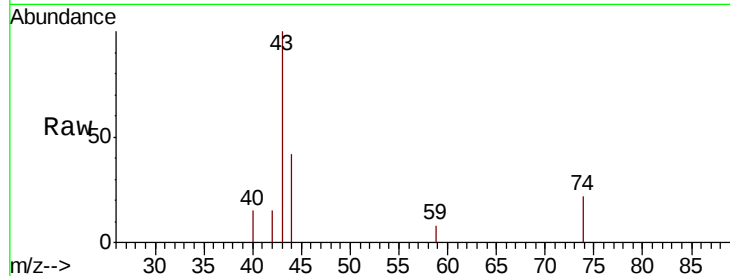




#18  
Methvl Acetate  
Concen: 1.030 ug/l  
RT: 4.30 min Scan# 787  
Delta R.T. 0.01 min  
Lab File: VN059411.D  
Acq: 26 Nov 2019 16:58

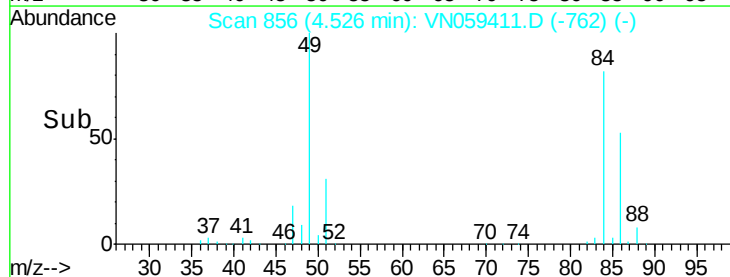
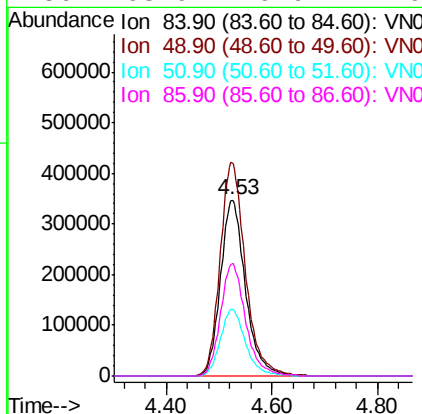
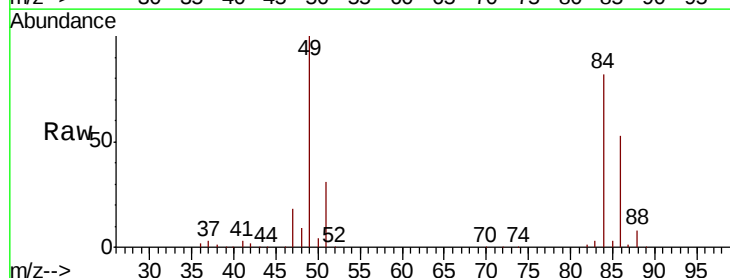
Instrument :  
MSVOA\_N  
ClientSampleId :  
AU-06-112219

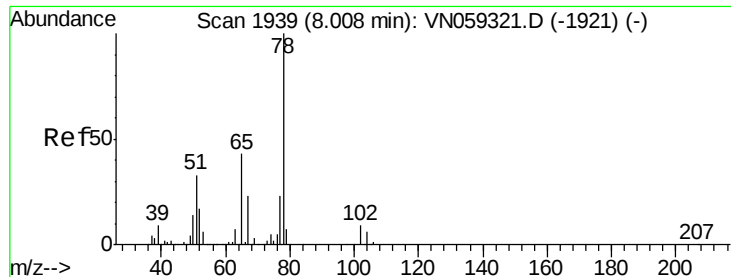
Tot Ion: 43 Resp: 6432  
Ion Ratio Lower Upper  
43 100  
74 17.0 18.1 27.1#



#20  
Methylene Chloride  
Concen: 269.001 ug/l  
RT: 4.53 min Scan# 856  
Delta R.T. 0.00 min  
Lab File: VN059411.D  
Acq: 26 Nov 2019 16:58

Tgt Ion: 84 Resp: 1141786  
Ion Ratio Lower Upper  
84 100  
49 121.2 99.5 149.3  
51 38.1 31.1 46.7  
86 63.9 49.9 74.9

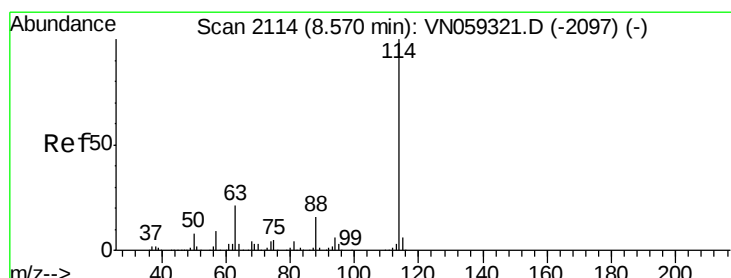
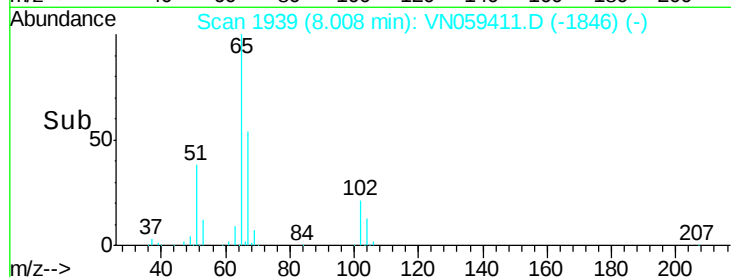
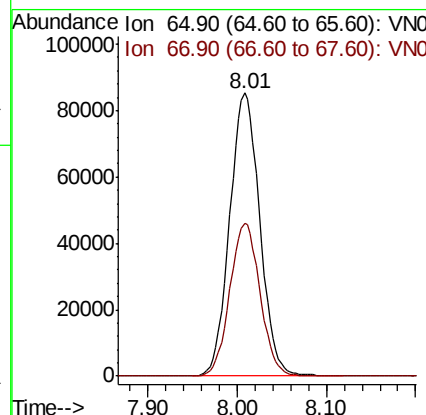
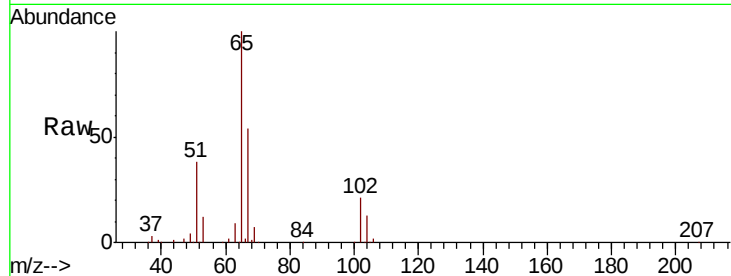




#33  
 1,2-Dichloroethane-d4  
 Concen: 47.575 ug/l  
 RT: 8.01 min Scan# 1939  
 Delta R.T. 0.00 min  
 Lab File: VN059411.D  
 Acq: 26 Nov 2019 16:58

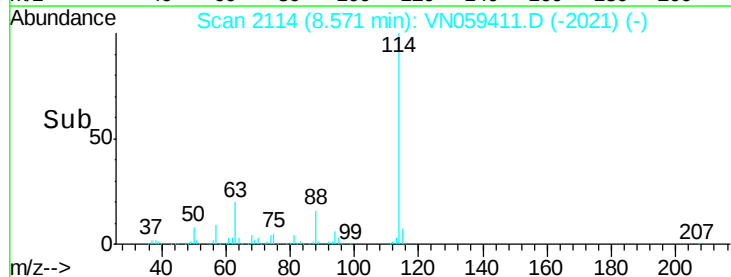
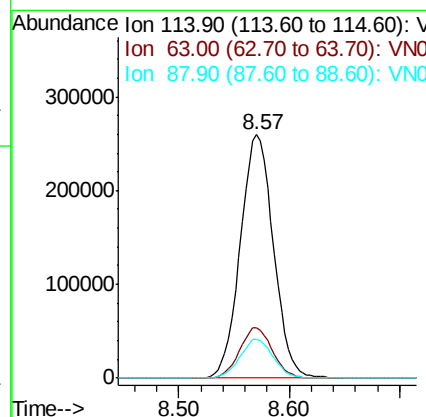
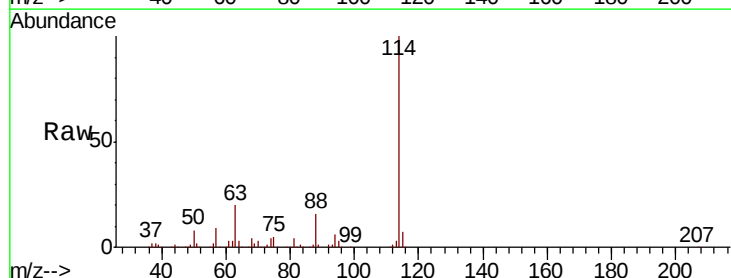
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 AU-06-112219

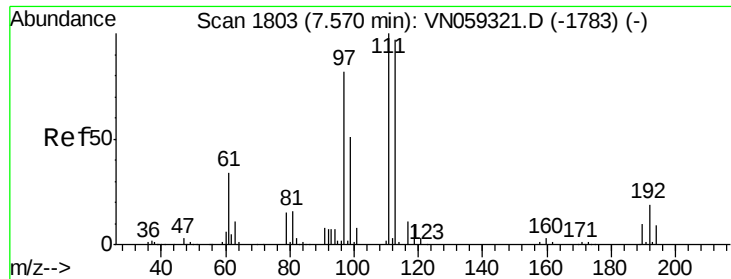
Tot Ion: 65 Resp: 199686  
 Ion Ratio Lower Upper  
 65 100  
 67 54.0 0.0 109.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.57 min Scan# 2114  
 Delta R.T. 0.00 min  
 Lab File: VN059411.D  
 Acq: 26 Nov 2019 16:58

Tgt Ion: 114 Resp: 539107  
 Ion Ratio Lower Upper  
 114 100  
 63 20.5 0.0 42.2  
 88 16.0 0.0 32.2

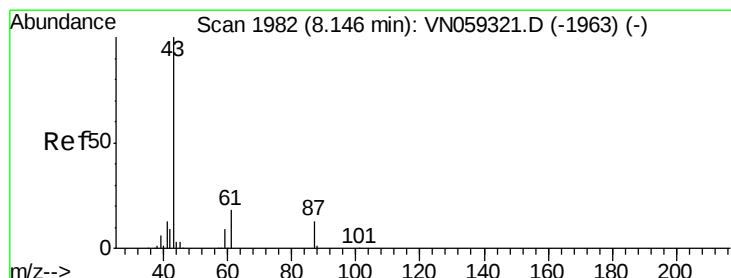
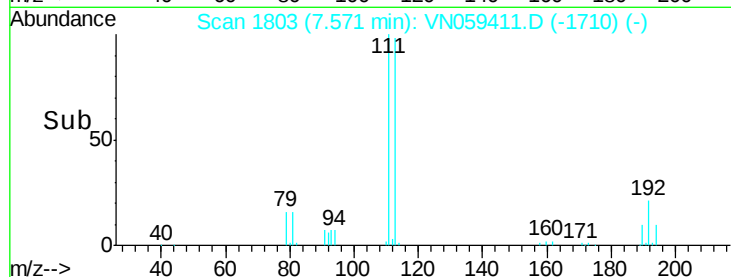
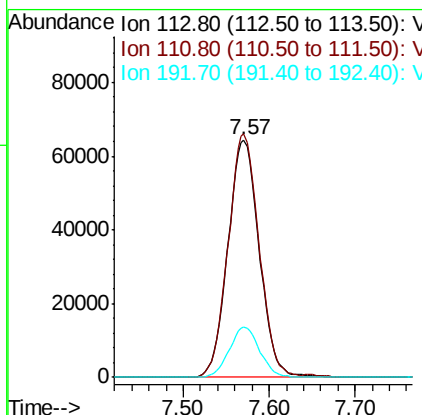
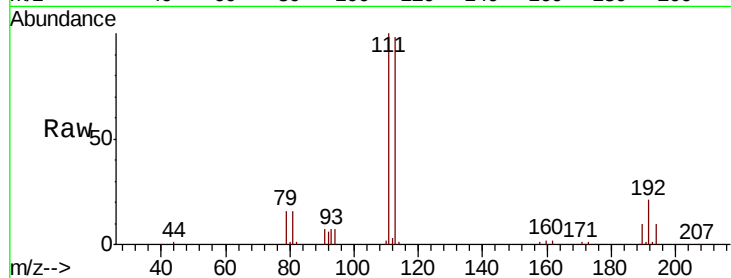




#35  
Dibromofluoromethane  
Concen: 50.378 ug/l  
RT: 7.57 min Scan# 1803  
Delta R.T. 0.00 min  
Lab File: VN059411.D  
Acq: 26 Nov 2019 16:58

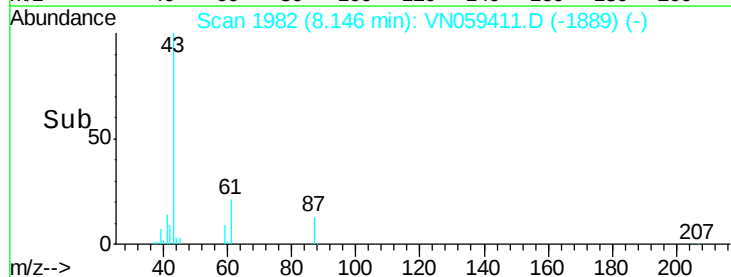
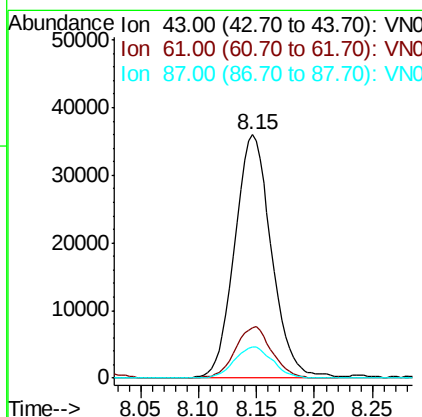
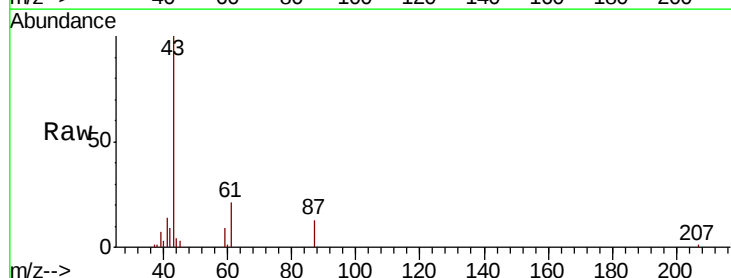
Instrument :  
MSVOA\_N  
ClientSampleId :  
AU-06-112219

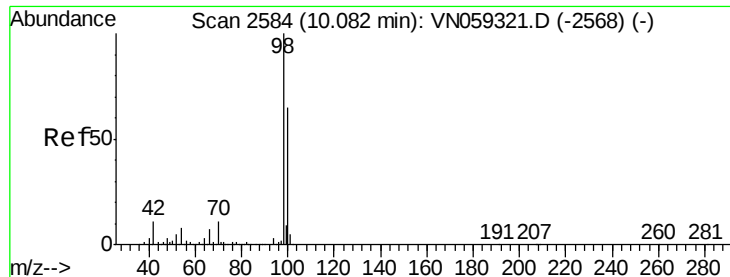
Tot Ion:113 Resp: 162939  
Ion Ratio Lower Upper  
113 100  
111 101.1 82.7 124.1  
192 20.6 16.3 24.5



#43  
Isopropyl Acetate  
Concen: 8.685 ug/l  
RT: 8.15 min Scan# 1982  
Delta R.T. 0.00 min  
Lab File: VN059411.D  
Acq: 26 Nov 2019 16:58

Tgt Ion: 43 Resp: 79392  
Ion Ratio Lower Upper  
43 100  
61 20.8 21.7 32.5#  
87 13.2 10.2 15.4





#50

Toluene-d8

Concen: 51.482 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059411.D

Acq: 26 Nov 2019 16:58

Instrument :

MSVOA\_N

ClientSampleId :

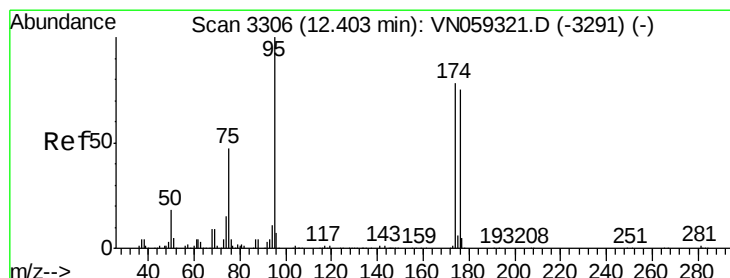
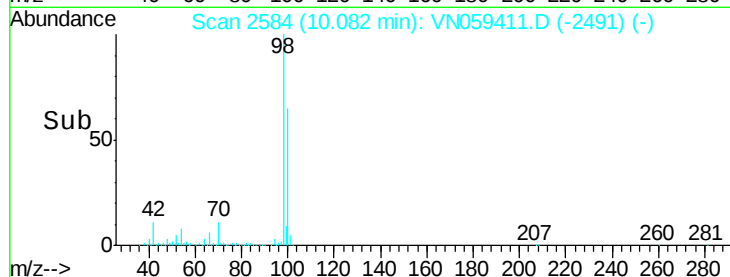
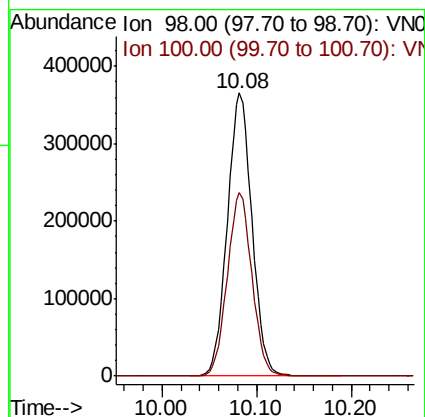
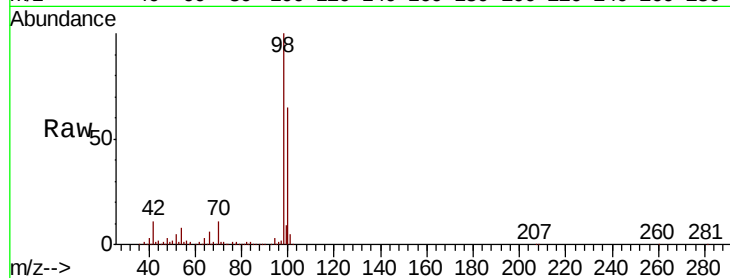
AU-06-112219

Tot Ion: 98 Resp: 661955

Ion Ratio Lower Upper

98 100

100 64.7 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 47.978 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059411.D

Acq: 26 Nov 2019 16:58

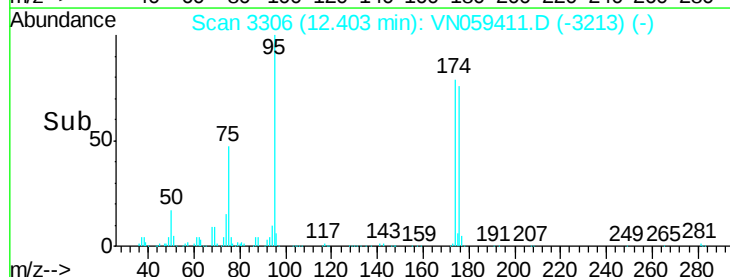
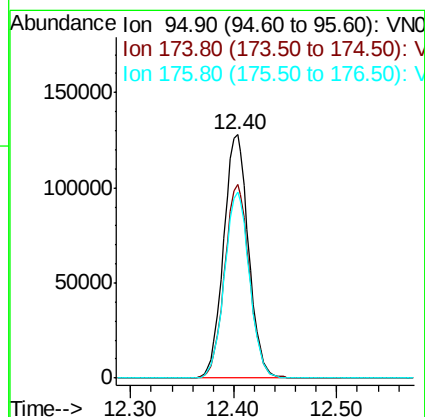
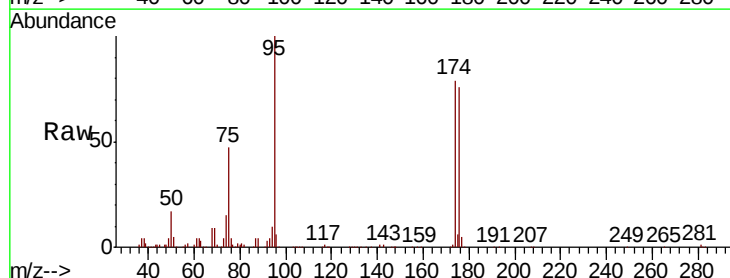
Tgt Ion: 95 Resp: 215700

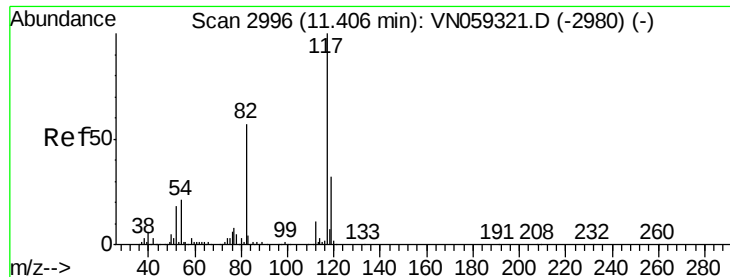
Ion Ratio Lower Upper

95 100

174 79.1 0.0 157.4

176 76.3 0.0 151.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059411.D

Acq: 26 Nov 2019 16:58

Instrument :

MSVOA\_N

ClientSampleId :

AU-06-112219

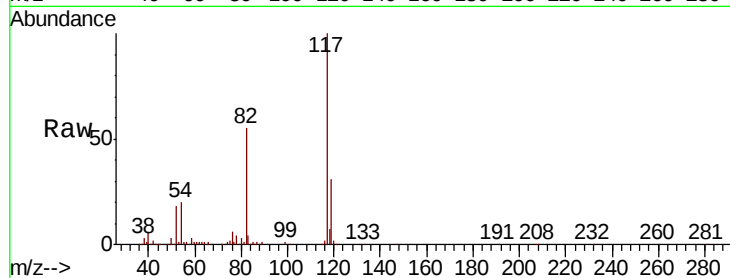
Tot Ion:117 Resp: 477647

Ion Ratio Lower Upper

117 100

82 55.3 45.7 68.5

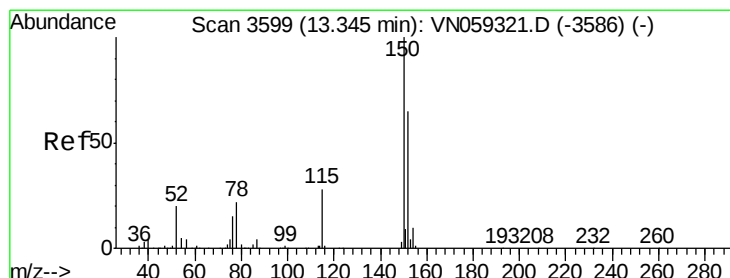
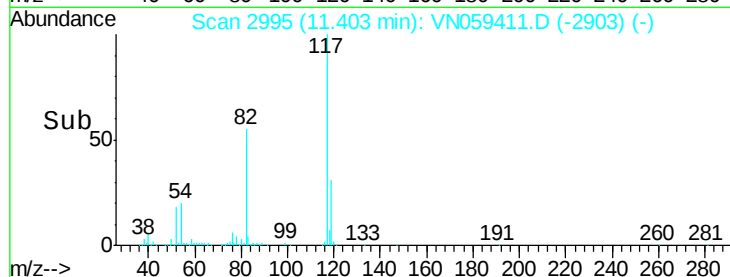
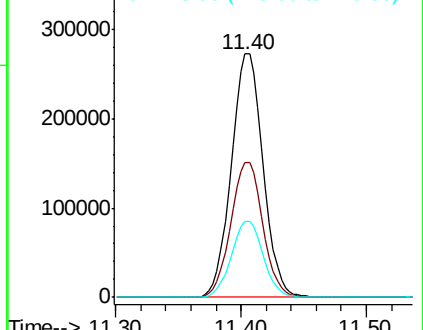
119 31.2 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059411.D

Acq: 26 Nov 2019 16:58

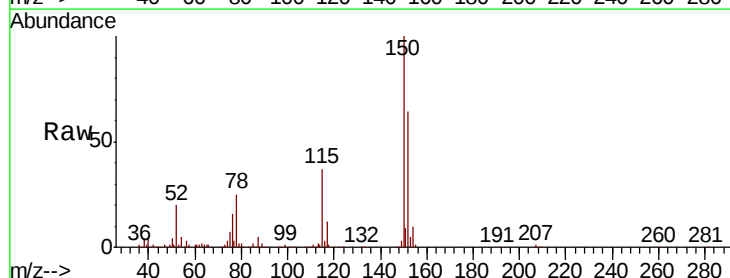
Tgt Ion:152 Resp: 183702

Ion Ratio Lower Upper

152 100

115 58.1 29.3 88.0

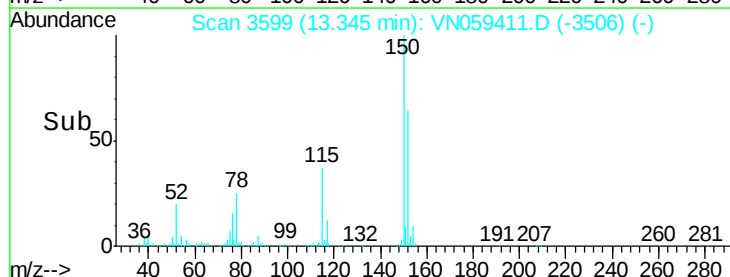
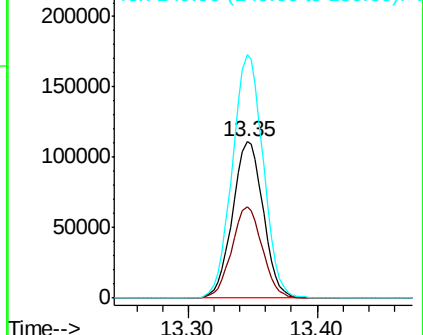
150 156.8 0.0 346.0

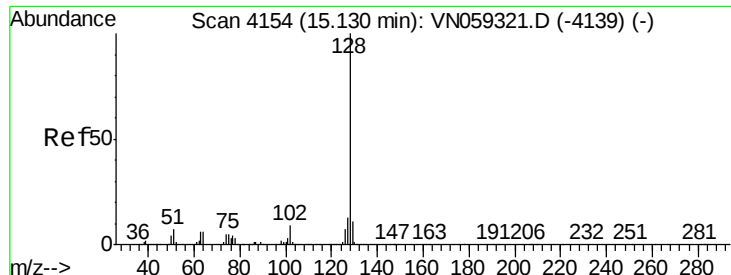


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 3.866 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059411.D

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AU-06-112219

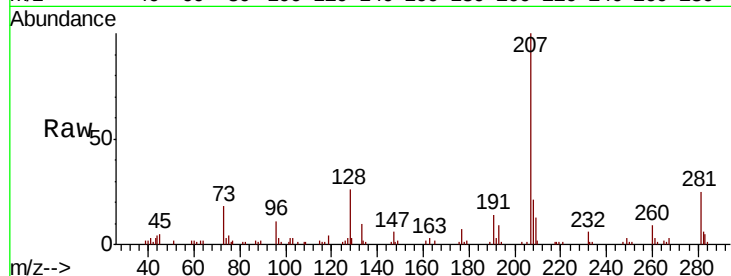
Tot Ion:128 Resp: 8067

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

129 10.6 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

