

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041620\  
 Data File : VN061015.D  
 Acq On : 16 Apr 2020 16:41  
 Operator : JC/MD  
 Sample : L2259-01DL 20X  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 CHASSIS-BUS-WASHDL

Quant Time: Apr 17 04:31:06 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N041620W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Apr 17 03:49:39 2020  
 Response via : Initial Calibration

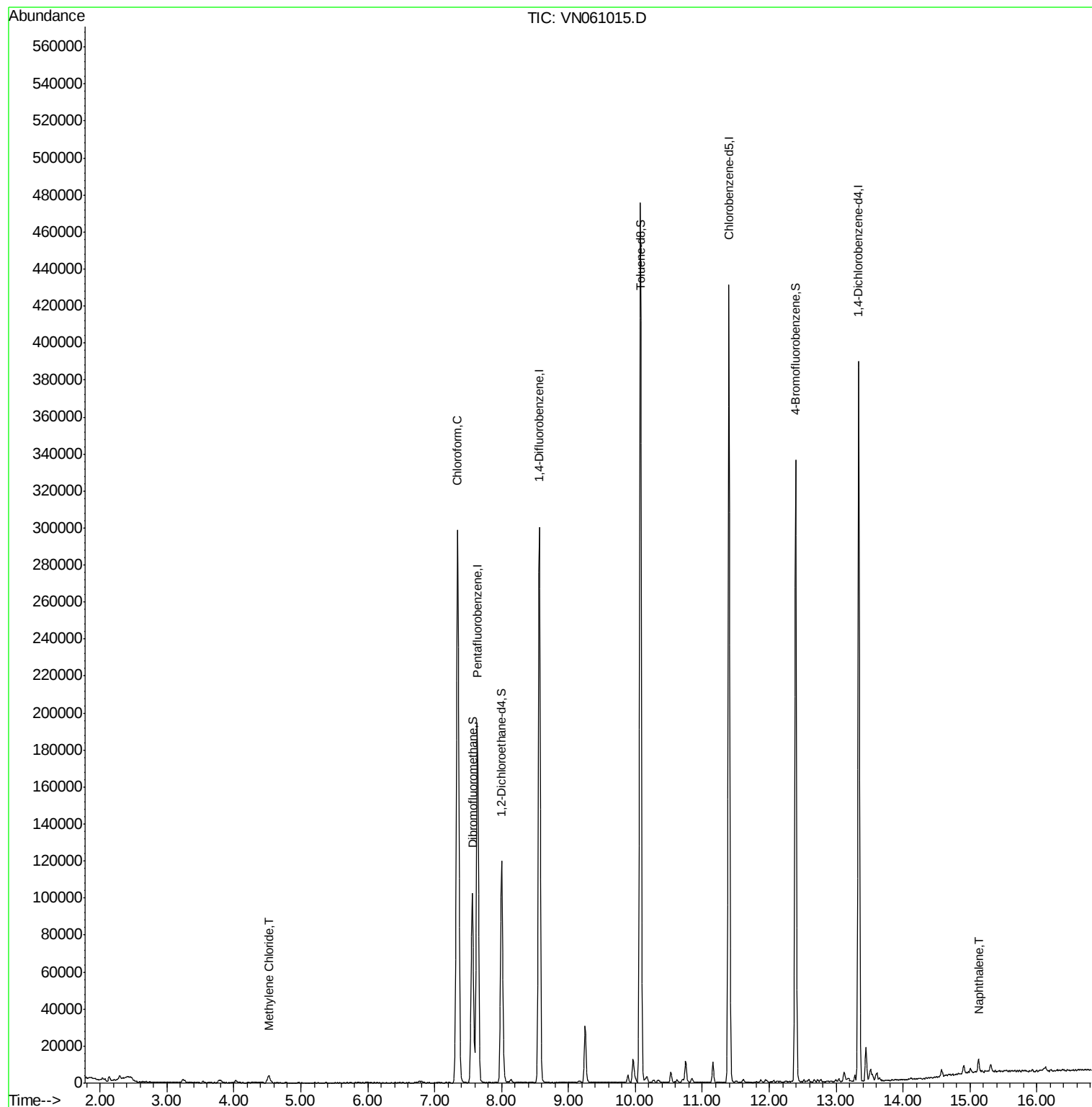
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.64  | 168  | 158712   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.56  | 114  | 266248   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.40 | 117  | 242395   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.34 | 152  | 101643   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.00  | 65   | 103376   | 50.91  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 101.82% |          |
| 35) Dibromofluoromethane    | 7.56  | 113  | 78584    | 50.54  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 101.08% |          |
| 50) Toluene-d8              | 10.08 | 98   | 324397   | 55.21  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 110.42% |          |
| 62) 4-Bromofluorobenzene    | 12.39 | 95   | 117094   | 50.85  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 101.70% |          |
| Target Compounds            |       |      |          |        |         |          |
| 20) Methylene Chloride      | 4.53  | 84   | 3088     | 1.582  | ug/l    | 93       |
| 30) Chloroform              | 7.35  | 83   | 313854   | 91.284 | ug/l    | 99       |
| 95) Naphthalene             | 15.13 | 128  | 6757     | 1.210  | ug/l    | 95       |

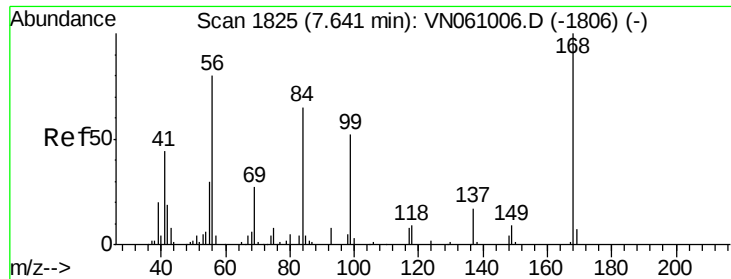
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N041620W.M  
Quant Title : SW846 8260  
QLast Update : Fri Apr 17 03:49:39 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VN061015.D

Acq: 16 Apr 2020 16:41

Instrument :

MSVOA\_N

ClientSampleId :

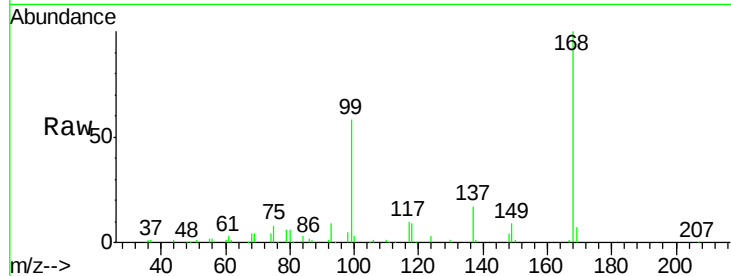
CHASSIS-BUS-WASHDL

Tot Ion:168 Resp: 158712

Ion Ratio Lower Upper

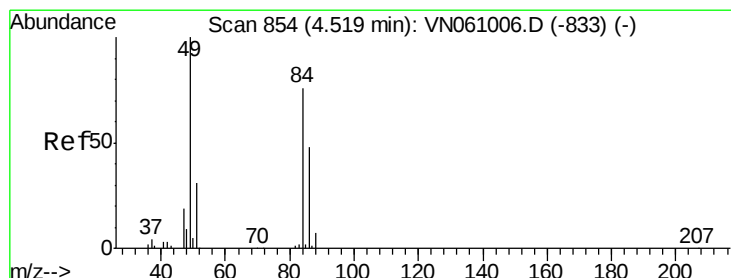
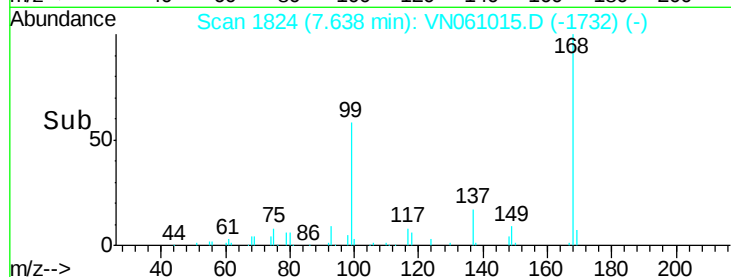
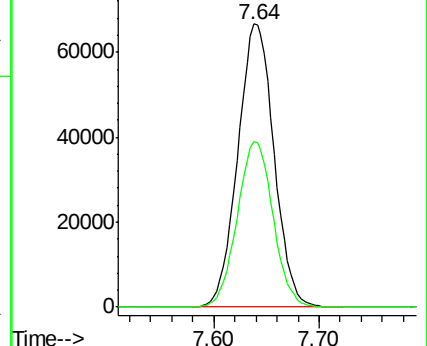
168 100

99 58.4 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 1.582 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.01 min

Lab File: VN061015.D

Acq: 16 Apr 2020 16:41

Tgt Ion: 84 Resp: 3088

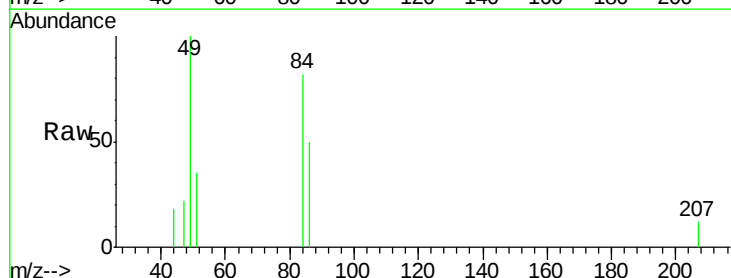
Ion Ratio Lower Upper

84 100

49 121.8 105.8 158.6

51 42.6 32.4 48.6

86 60.6 51.1 76.7

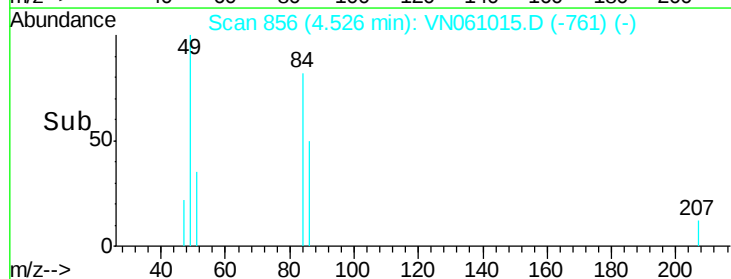
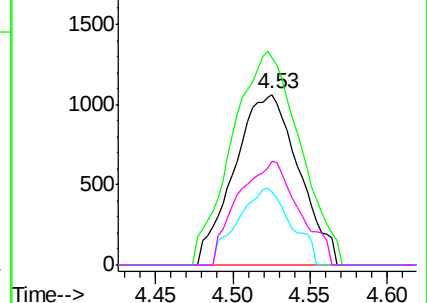


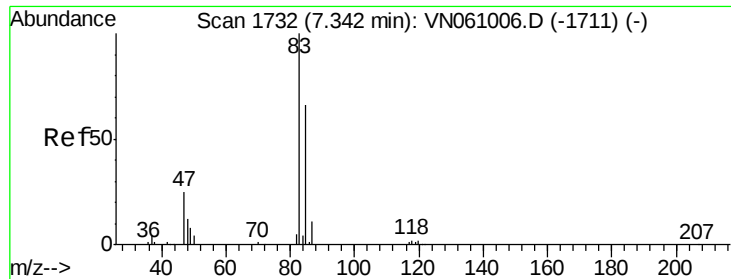
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

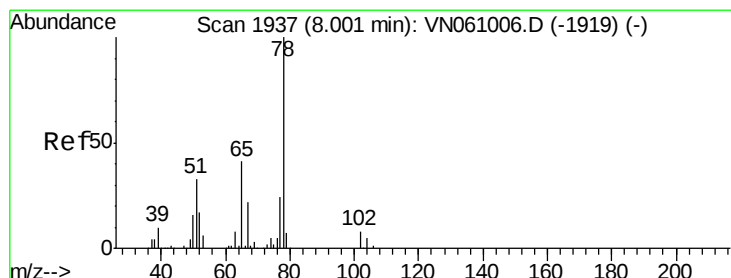
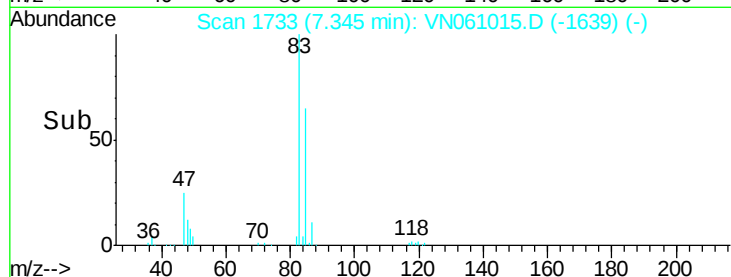
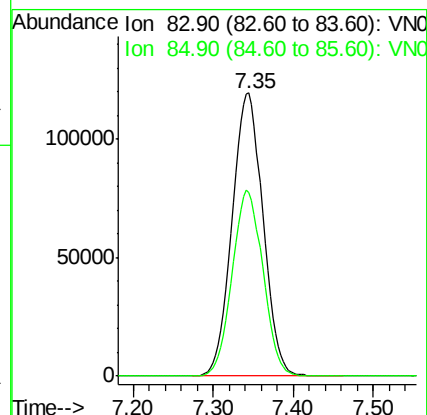
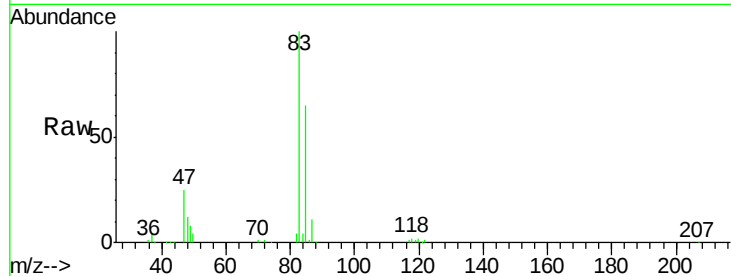




#30  
Chloroform  
Concen: 91.284 ug/l  
RT: 7.35 min Scan# 1733  
Delta R.T. 0.00 min  
Lab File: VN061015.D  
Acq: 16 Apr 2020 16:41

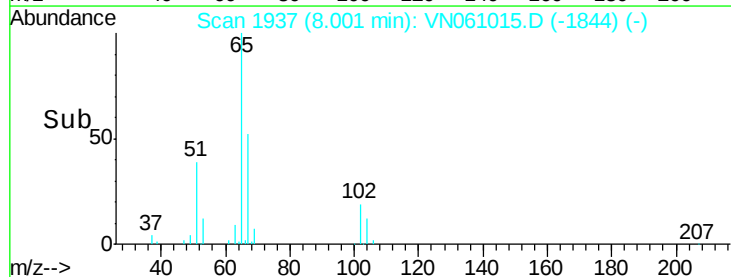
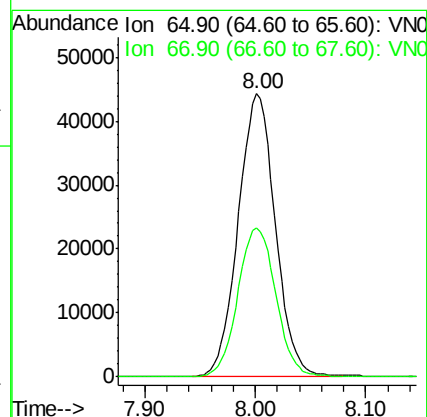
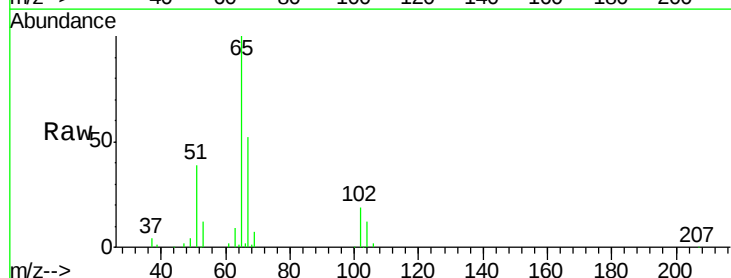
Instrument :  
MSVOA\_N  
ClientSampleId :  
CHASSIS-BUS-WASHDL

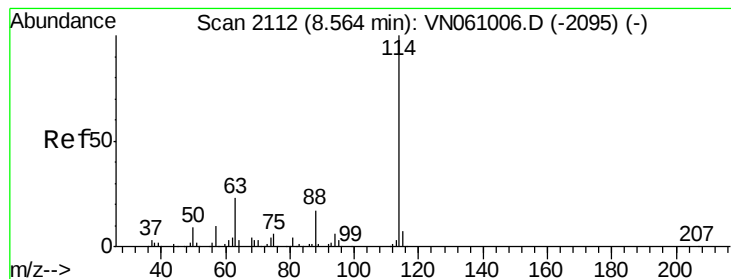
Tot Ion: 83 Resp: 313854  
Ion Ratio Lower Upper  
83 100  
85 65.0 52.8 79.2



#33  
1,2-Dichloroethane-d4  
Concen: 50.909 ug/l  
RT: 8.00 min Scan# 1937  
Delta R.T. 0.00 min  
Lab File: VN061015.D  
Acq: 16 Apr 2020 16:41

Tgt Ion: 65 Resp: 103376  
Ion Ratio Lower Upper  
65 100  
67 53.9 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN061015.D

Acq: 16 Apr 2020 16:41

Instrument :

MSVOA\_N

ClientSampleId :

CHASSIS-BUS-WASHDL

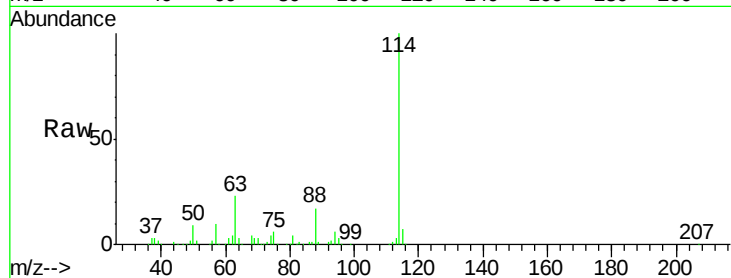
Tot Ion:114 Resp: 266248

Ion Ratio Lower Upper

114 100

63 23.1 0.0 46.2

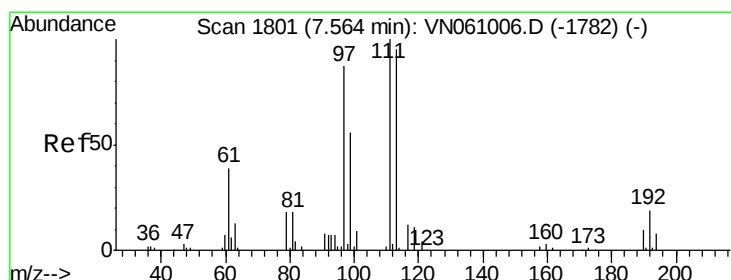
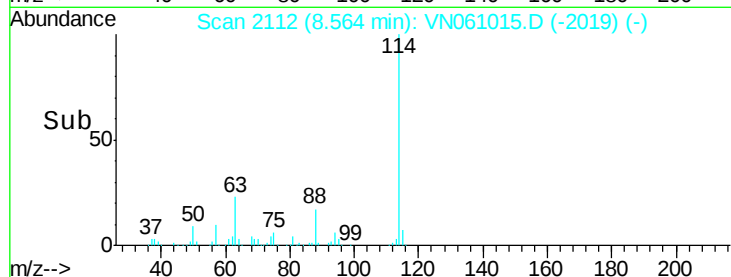
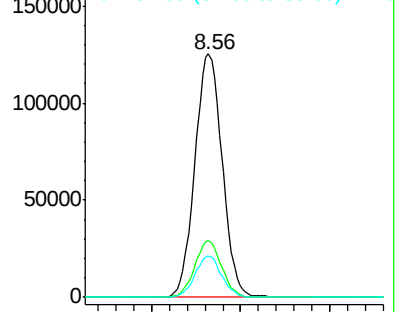
88 17.1 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 50.541 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN061015.D

Acq: 16 Apr 2020 16:41

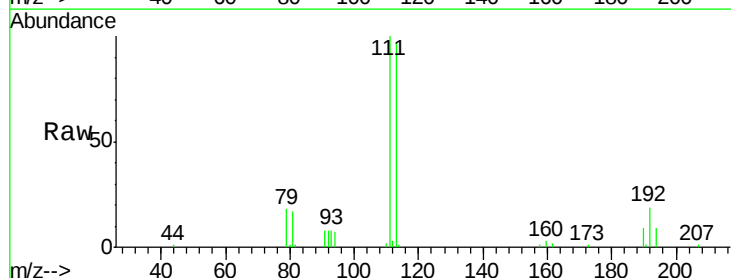
Tgt Ion:113 Resp: 78584

Ion Ratio Lower Upper

113 100

111 104.6 83.4 125.2

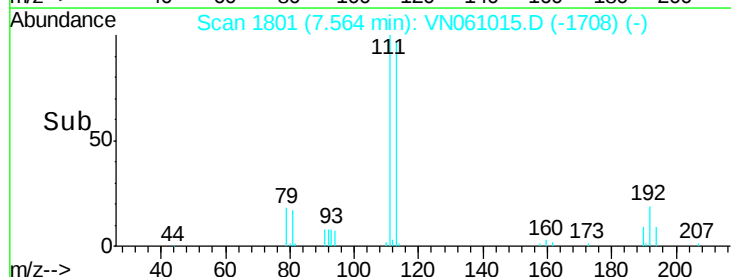
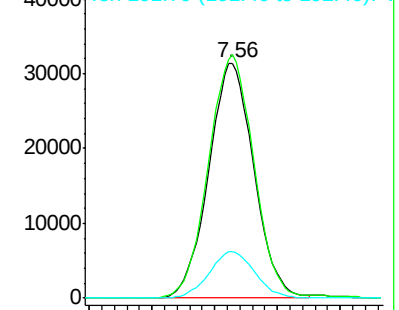
192 19.9 15.5 23.3

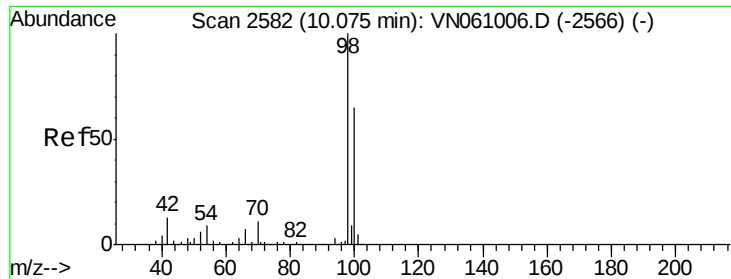


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 55.212 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.00 min

Lab File: VN061015.D

Acq: 16 Apr 2020 16:41

Instrument :

MSVOA\_N

ClientSampleId :

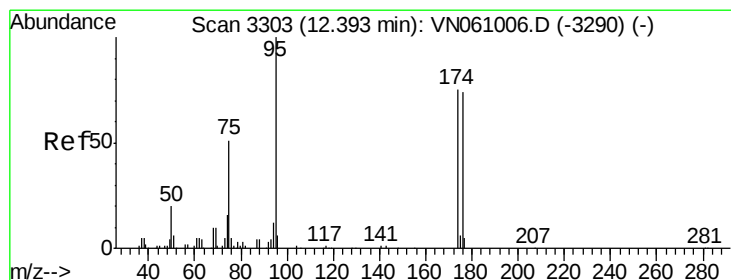
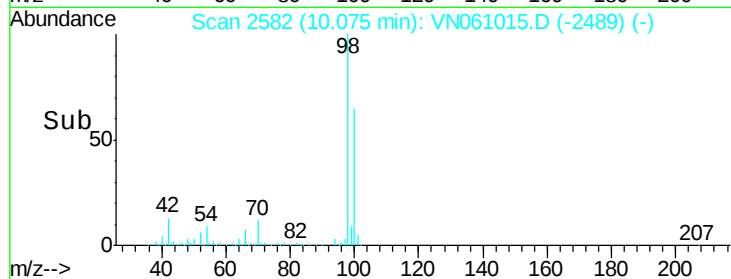
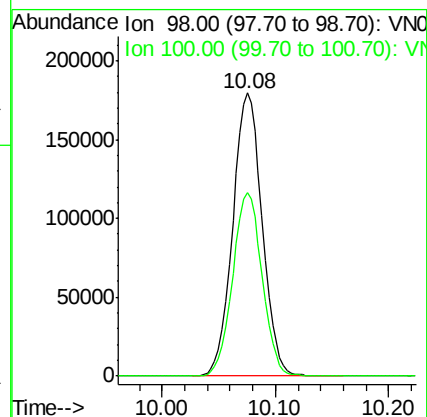
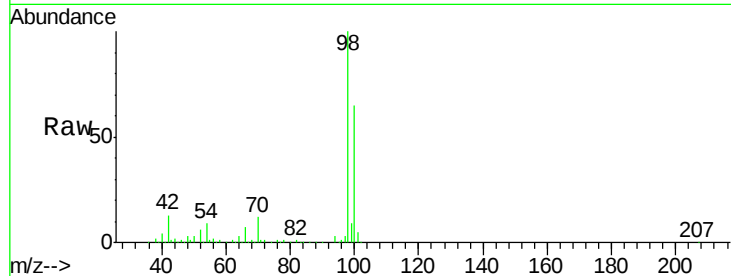
CHASSIS-BUS-WASHDL

Tot Ion: 98 Resp: 324397

Ion Ratio Lower Upper

98 100

100 65.0 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 50.849 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.00 min

Lab File: VN061015.D

Acq: 16 Apr 2020 16:41

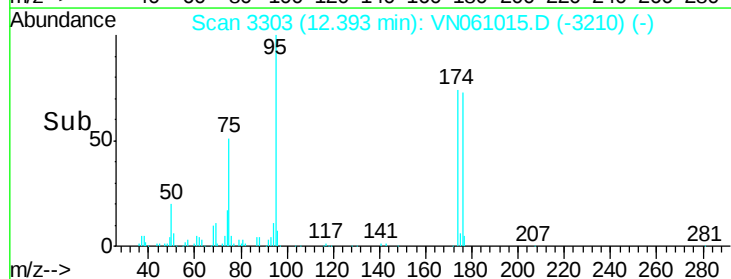
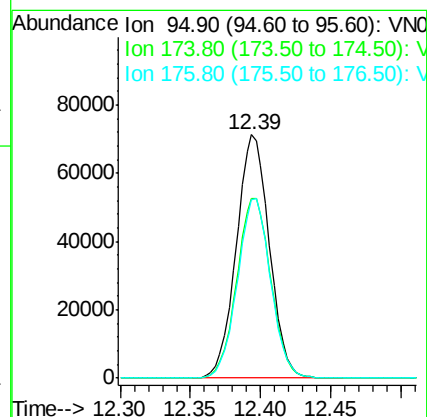
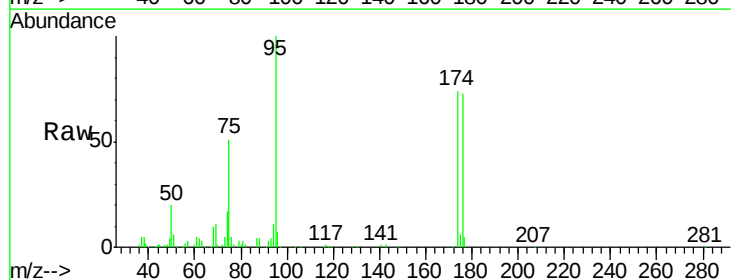
Tgt Ion: 95 Resp: 117094

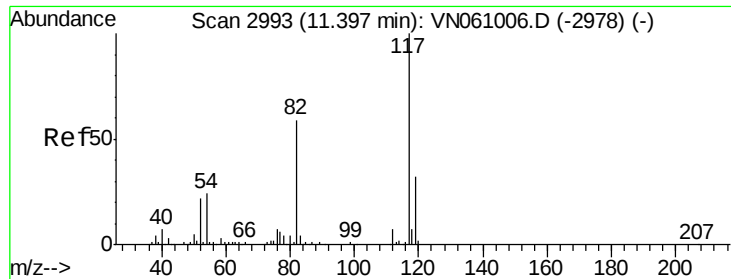
Ion Ratio Lower Upper

95 100

174 75.8 0.0 151.2

176 74.1 0.0 148.2

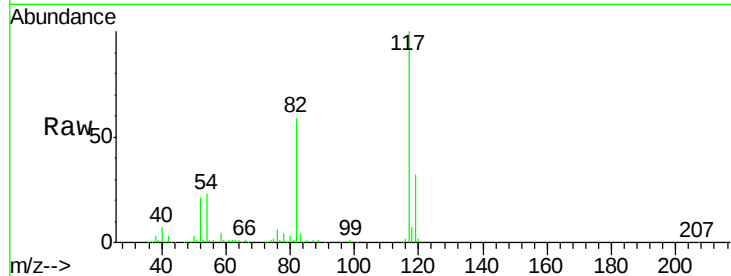




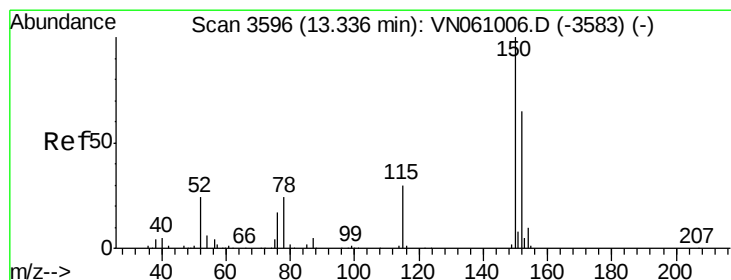
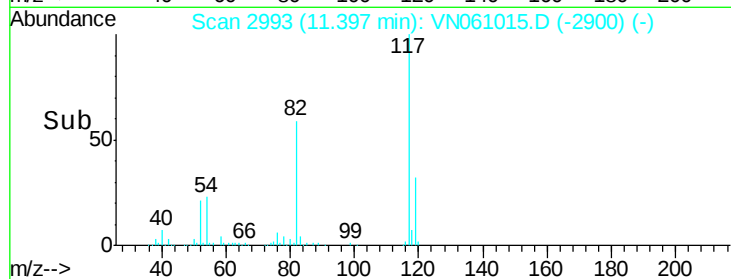
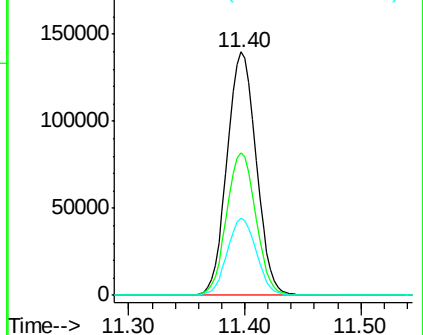
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.40 min Scan# 2993  
Delta R.T. -0.00 min  
Lab File: VN061015.D  
Acq: 16 Apr 2020 16:41

Instrument :  
MSVOA\_N  
ClientSampleId :  
CHASSIS-BUS-WASHDL

Tot Ion:117 Resp: 242395  
Ion Ratio Lower Upper  
117 100  
82 58.8 47.1 70.7  
119 31.7 25.7 38.5

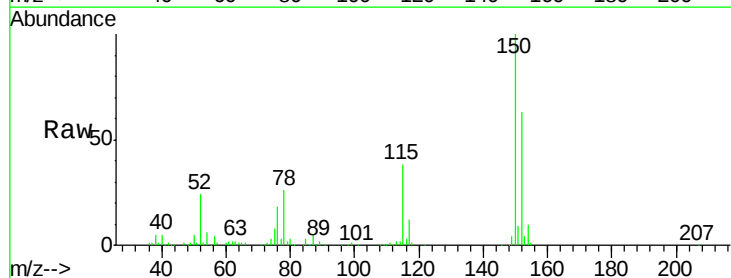


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

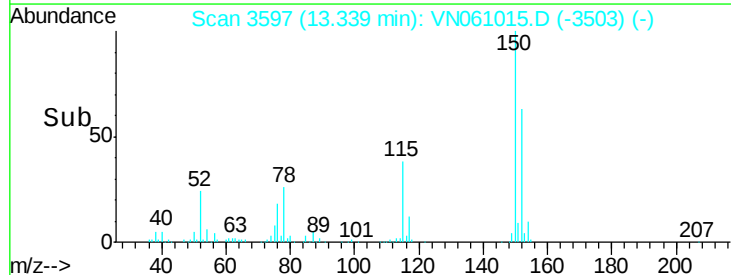
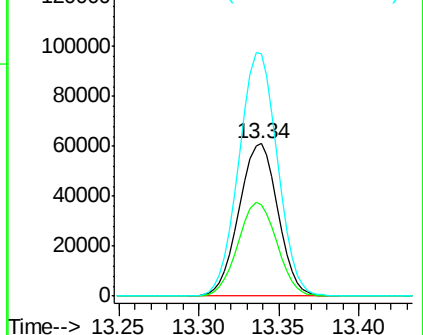


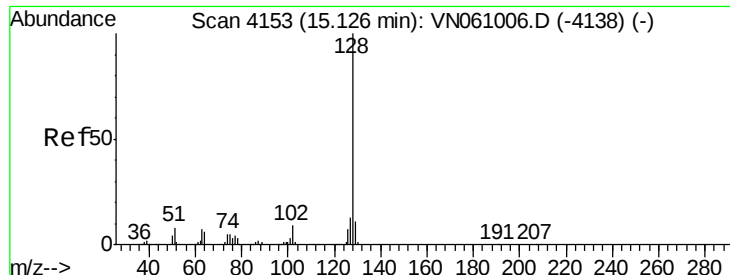
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.34 min Scan# 3597  
Delta R.T. 0.00 min  
Lab File: VN061015.D  
Acq: 16 Apr 2020 16:41

Tgt Ion:152 Resp: 101643  
Ion Ratio Lower Upper  
152 100  
115 61.5 30.8 92.4  
150 158.1 0.0 349.0



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: 1.210 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN061015.D

Acq: 16 Apr 2020 16:41

Instrument :

MSVOA\_N

ClientSampleId :

CHASSIS-BUS-WASHDL

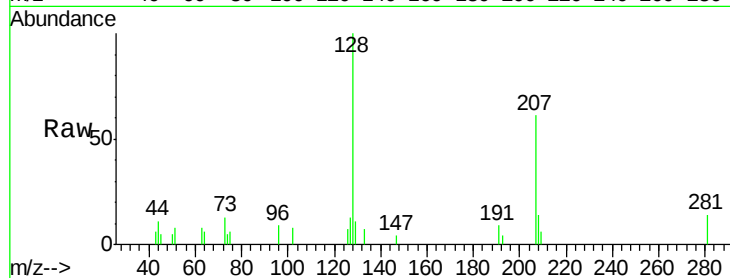
Tot Ion:128 Resp: 6757

Ion Ratio Lower Upper

128 100

127 10.9 10.2 15.4

129 9.0 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

