

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081418\
 Data File : VN050621.D
 Acq On : 14 Aug 2018 23:49
 Operator : MD\SY
 Sample : J4465-17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 954-FB081318

Quant Time: Aug 15 14:55:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	609611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	938062	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	795716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	295511	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	396857	51.65	ug/l	0.00
Spiked Amount			Recovery	=	103.30%	
35) Dibromofluoromethane	7.59	113	373383	49.86	ug/l	0.00
Spiked Amount			Recovery	=	99.72%	
50) Toluene-d8	10.09	98	1330613	47.21	ug/l	0.00
Spiked Amount			Recovery	=	94.42%	
62) 4-Bromofluorobenzene	12.40	95	362354	38.91	ug/l	0.00
Spiked Amount			Recovery	=	77.82%	

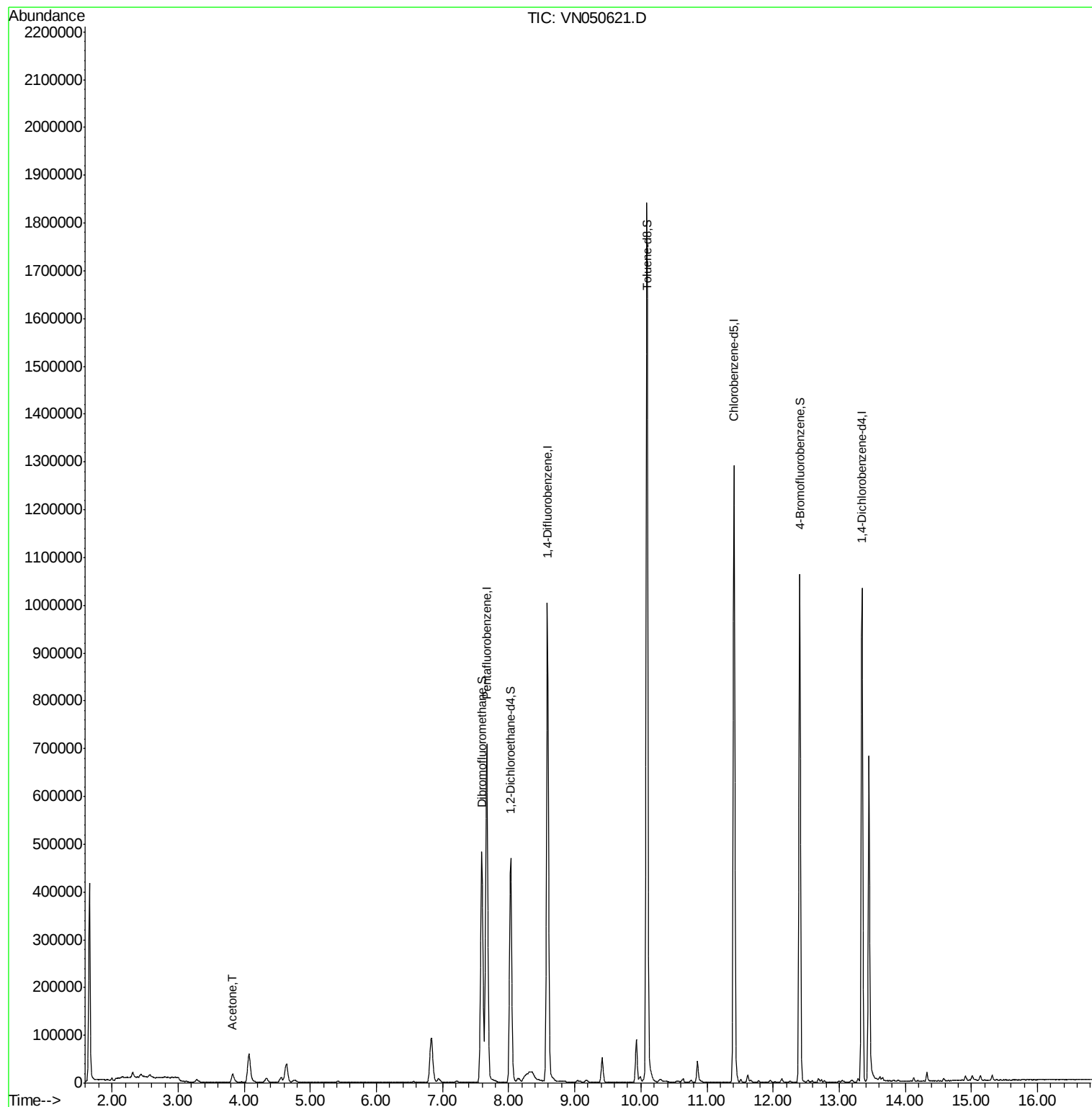
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	30381	14.47	ug/l	94

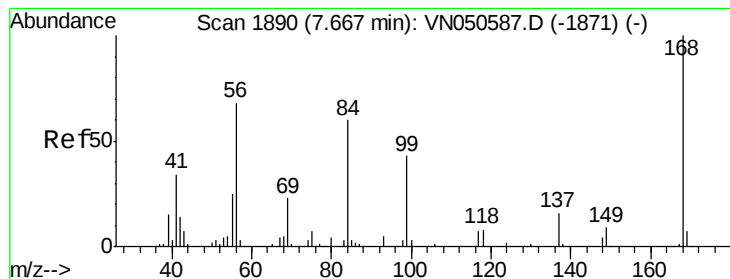
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050621.D

Acq: 14 Aug 2018 23:49

Instrument :

MSVOA_N

ClientSampleId :

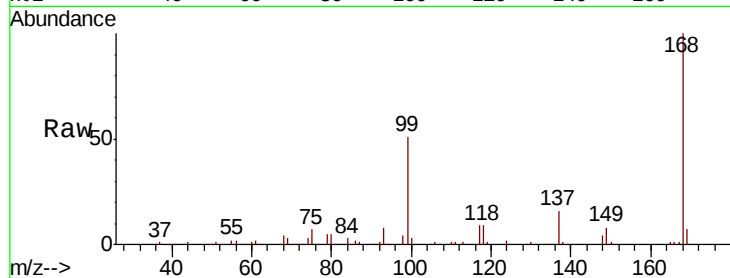
954-FB081318

Tot Ion:168 Resp: 609611

Ion Ratio Lower Upper

168 100

99 51.0 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): VN050587.D (-1871) (-)

Ion 98.90 (98.60 to 99.60): VN050587.D (-1871) (-)

7.67

250000

200000

150000

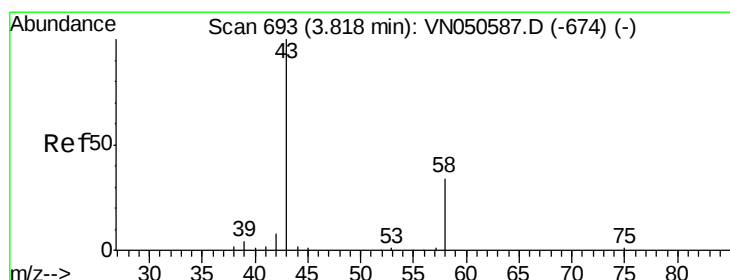
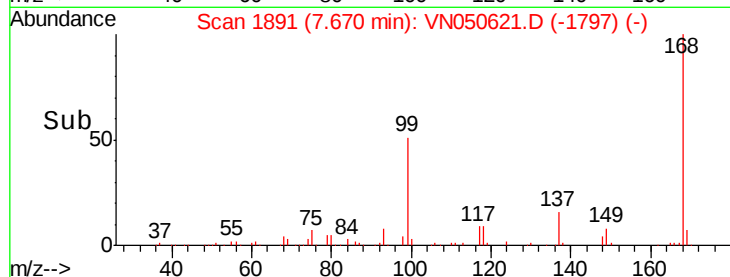
100000

50000

0

Time-->

7.60 7.70 7.80



#16

Acetone

Concen: 14.47 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050621.D

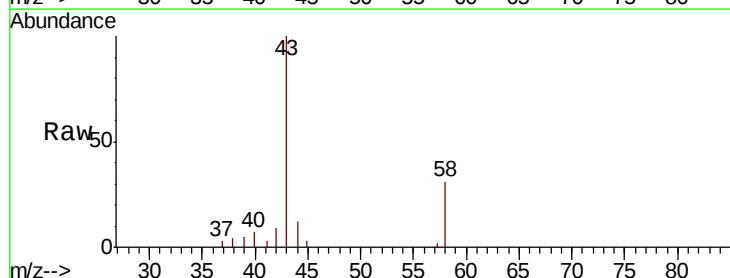
Acq: 14 Aug 2018 23:49

Tgt Ion: 43 Resp: 30381

Ion Ratio Lower Upper

43 100

58 30.6 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN050587.D (-674) (-)

Ion 58.00 (57.70 to 58.70): VN050587.D (-674) (-)

3.82

12000

10000

8000

6000

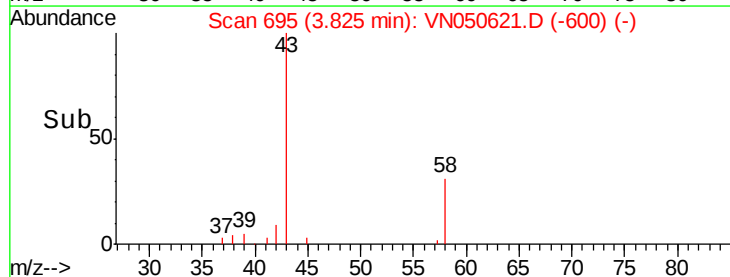
4000

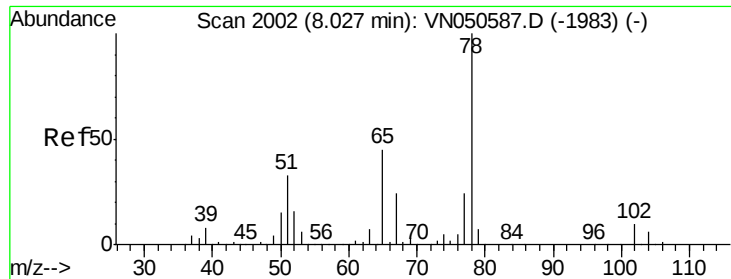
2000

0

Time-->

3.70 3.80 3.90

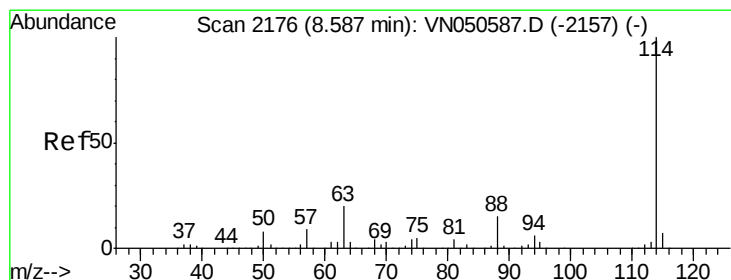
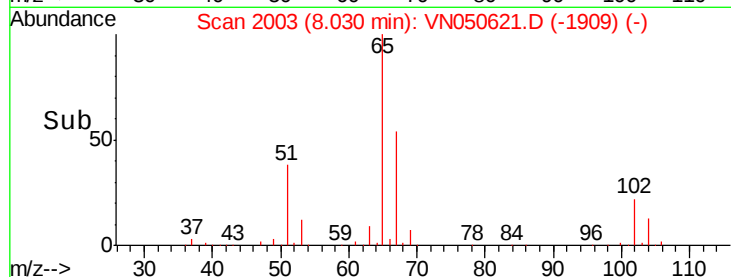
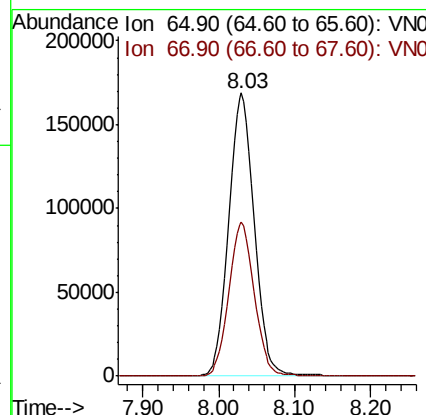
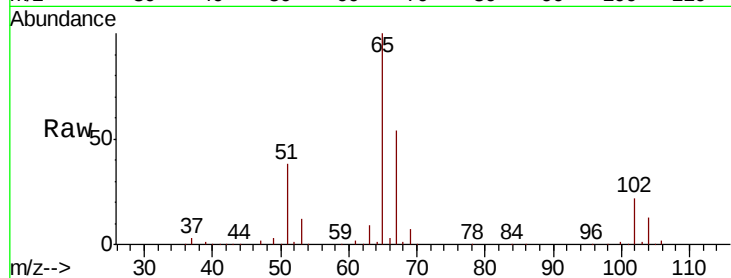




#33
 1,2-Dichloroethane-d4
 Concen: 51.65 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050621.D
 Acq: 14 Aug 2018 23:49

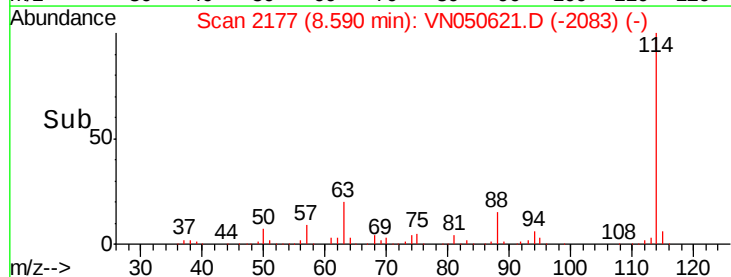
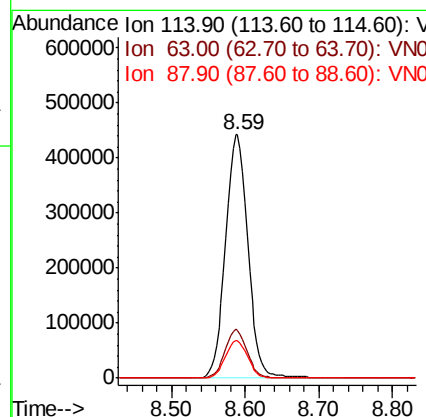
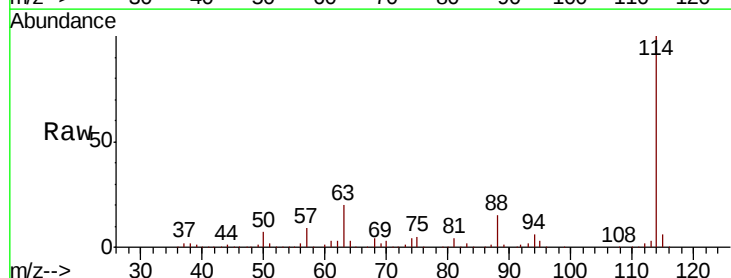
Instrument :
 MSVOA_N
 ClientSampleId :
 954-FB081318

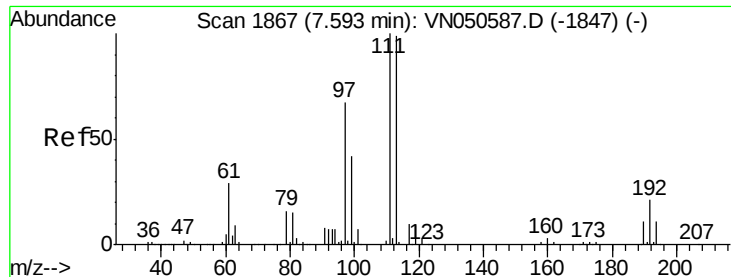
Tot Ion: 65 Resp: 396857
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050621.D
 Acq: 14 Aug 2018 23:49

Tgt Ion: 114 Resp: 938062
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.0
 88 15.2 0.0 30.8





#35

Dibromofluoromethane

Concen: 49.86 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN050621.D

Acq: 14 Aug 2018 23:49

Instrument :

MSVOA_N

ClientSampleId :

954-FB081318

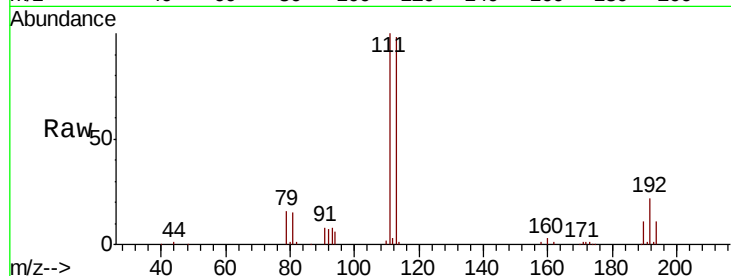
Tot Ion:113 Resp: 373383

Ion Ratio Lower Upper

113 100

111 103.3 81.0 121.6

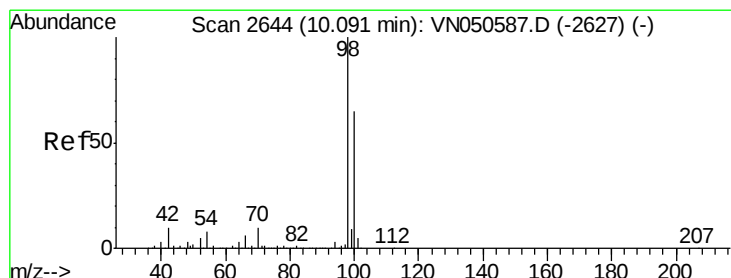
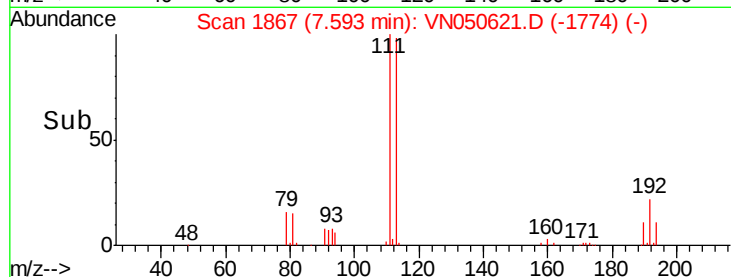
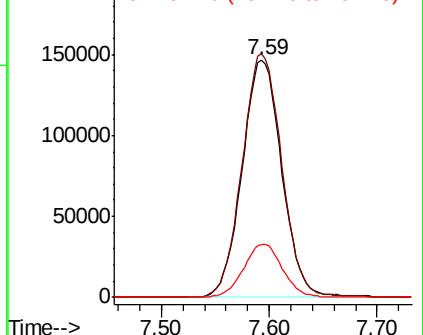
192 22.1 17.6 26.4



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: 47.21 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050621.D

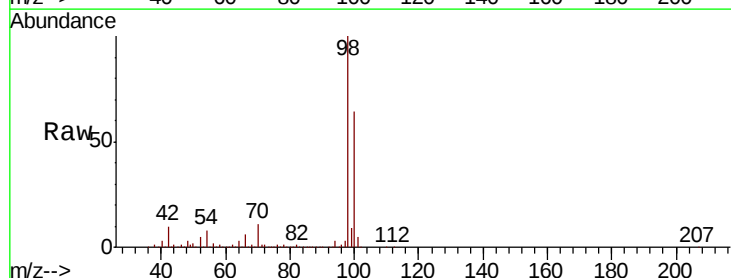
Acq: 14 Aug 2018 23:49

Tgt Ion: 98 Resp: 1330613

Ion Ratio Lower Upper

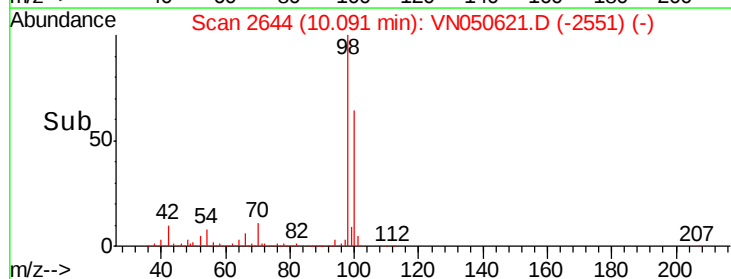
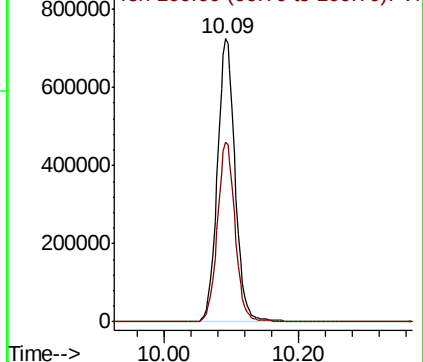
98 100

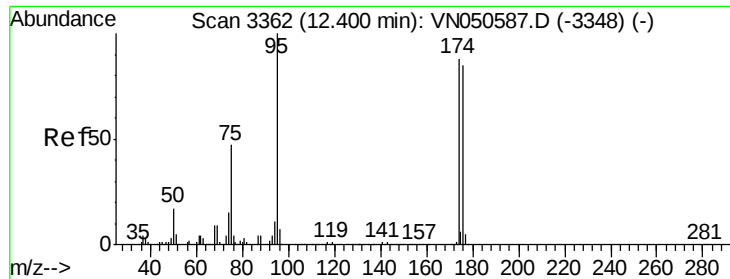
100 63.5 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 38.91 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050621.D

Acq: 14 Aug 2018 23:49

Instrument :

MSVOA_N

ClientSampleId :

954-FB081318

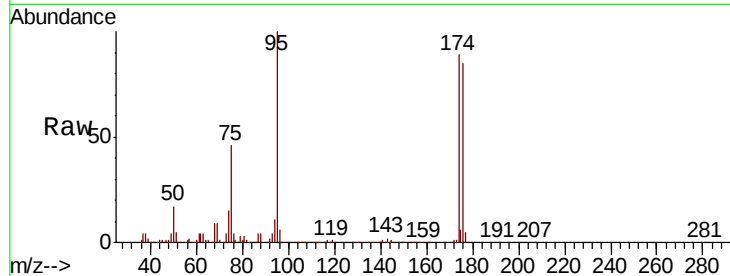
Tot Ion: 95 Resp: 362354

Ion Ratio Lower Upper

95 100

174 90.6 0.0 177.8

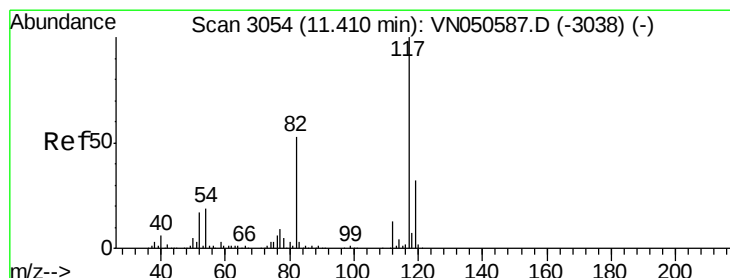
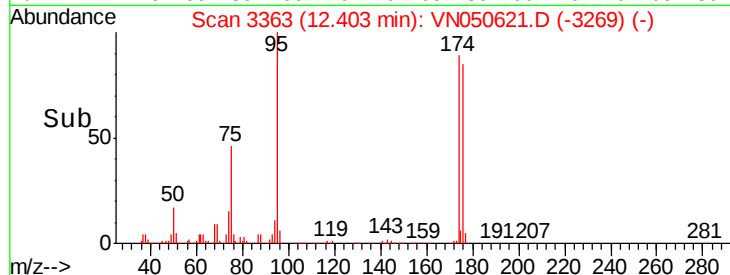
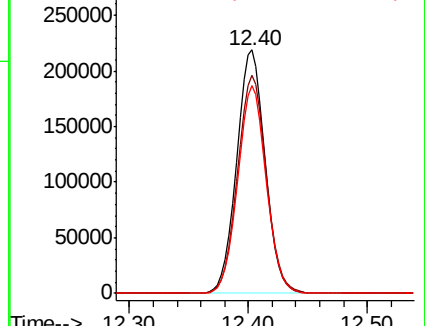
176 85.2 0.0 175.0



Abundance Ion 94.90 (94.60 to 95.60): VN050587.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050587.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050587.D (-3348) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN050621.D

Acq: 14 Aug 2018 23:49

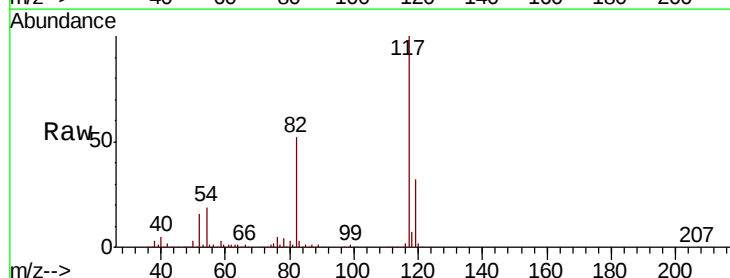
Tgt Ion: 117 Resp: 795716

Ion Ratio Lower Upper

117 100

82 52.4 42.4 63.6

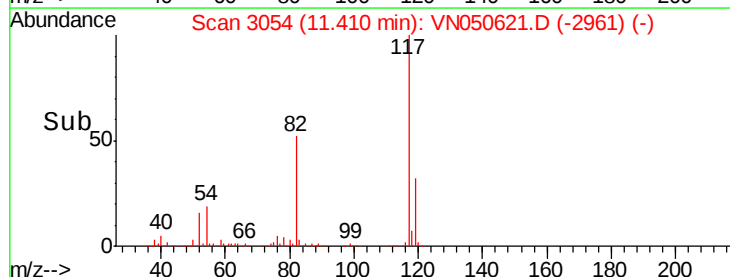
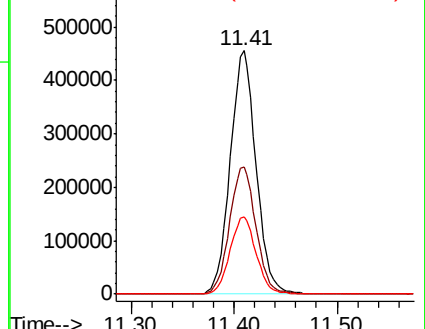
119 31.9 25.8 38.8

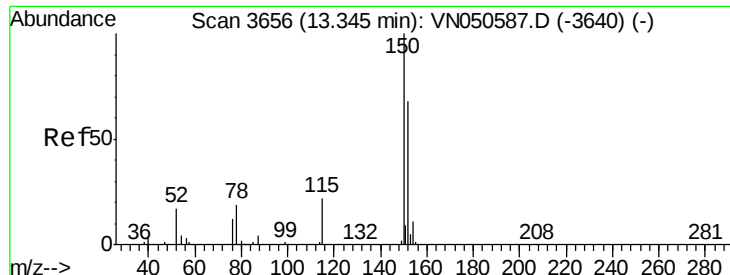


Abundance Ion 116.90 (116.60 to 117.60): VN050587.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050587.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050587.D (-3038) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN050621.D

Acq: 14 Aug 2018 23:49

Instrument :

MSVOA_N

ClientSampleId :

954-FB081318

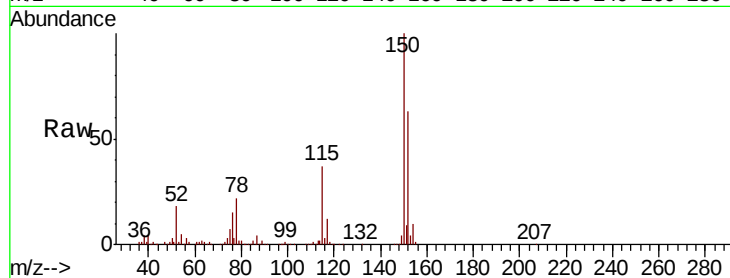
Tot Ion:152 Resp: 295511

Ion Ratio Lower Upper

152 100

115 57.1 28.1 84.2

150 158.8 0.0 347.8



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

