

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
 Data File : VN050082.D
 Acq On : 26 Jul 2018 15:12
 Operator : MD\SY
 Sample : J4164-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-072518

Quant Time: Jul 27 02:17:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

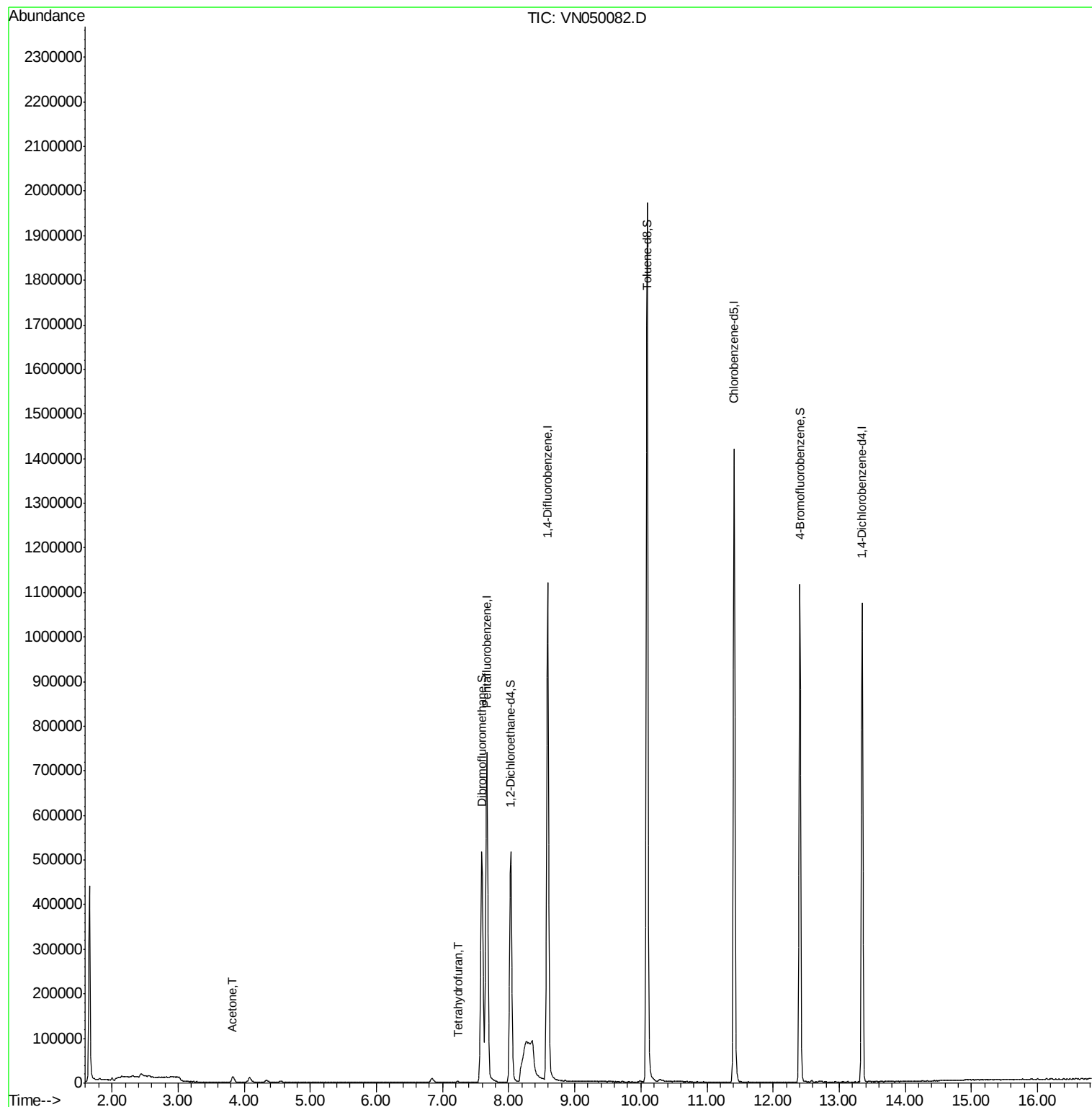
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	636228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1035745	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	859058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	303619	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	449894	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.36%	
35) Dibromofluoromethane	7.59	113	402094	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	
50) Toluene-d8	10.09	98	1391951	44.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.54%	
62) 4-Bromofluorobenzene	12.41	95	373181	36.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.90%	
Target Compounds						
16) Acetone	3.82	43	23178	6.86	ug/l	98
29) Tetrahydrofuran	7.23	42	2037	0.93	ug/l #	69

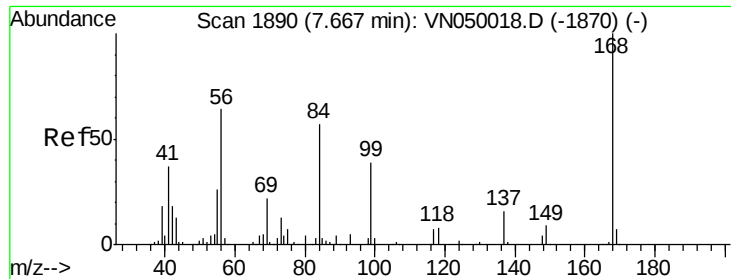
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072618\
Data File : VN050082.D
Acq On : 26 Jul 2018 15:12
Operator : MD\SY
Sample : J4164-12
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FB-072518

Quant Time: Jul 27 02:17:36 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 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: VN050082.D

Acq: 26 Jul 2018 15:12

Instrument :

MSVOA_N

ClientSampleId :

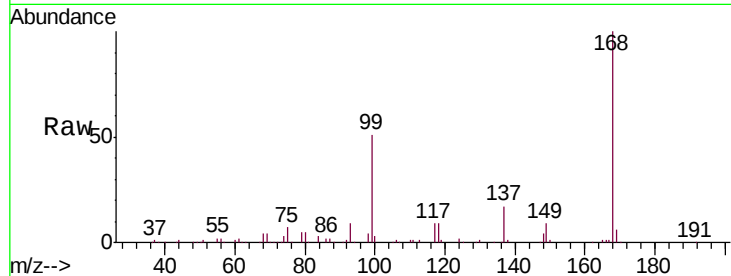
FB-072518

Tot Ion:168 Resp: 636228

Ion Ratio Lower Upper

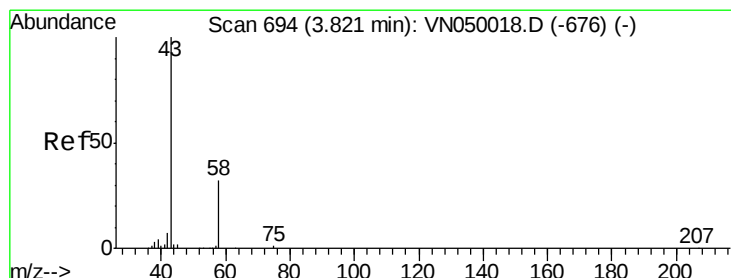
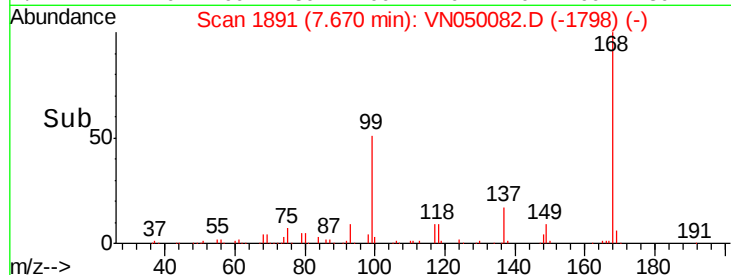
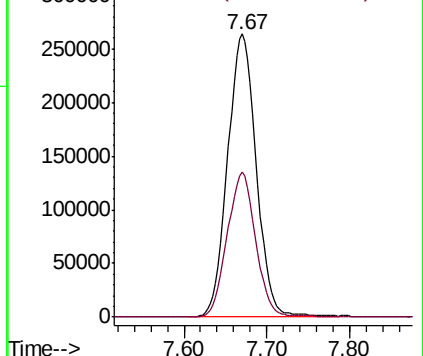
168 100

99 51.3 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 6.86 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050082.D

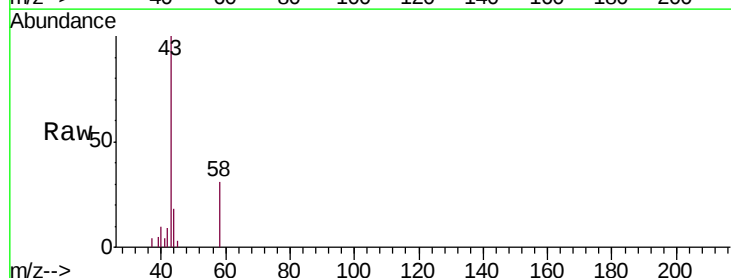
Acq: 26 Jul 2018 15:12

Tgt Ion: 43 Resp: 23178

Ion Ratio Lower Upper

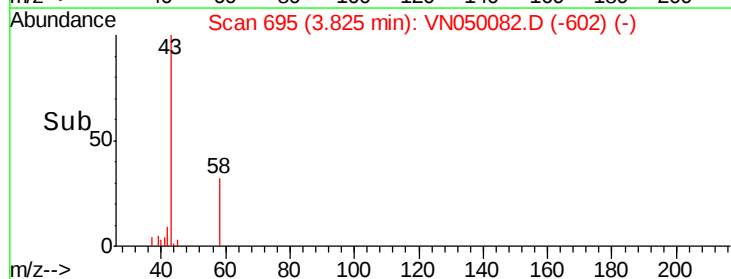
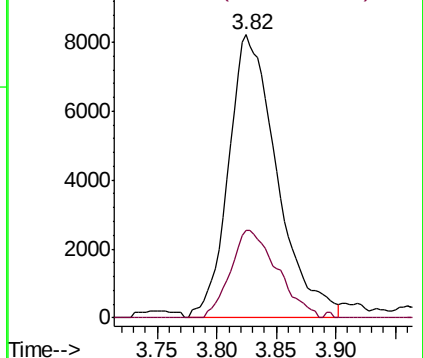
43 100

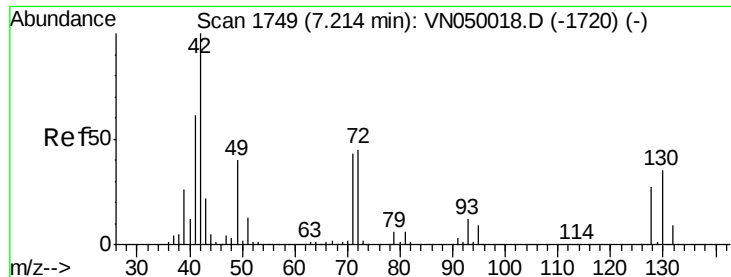
58 31.0 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#29

Tetrahydrofuran

Concen: 0.93 ug/l

RT: 7.23 min Scan# 1753

Delta R.T. 0.01 min

Lab File: VN050082.D

Acq: 26 Jul 2018 15:12

Instrument :

MSVOA_N

ClientSampleID :

FB-072518

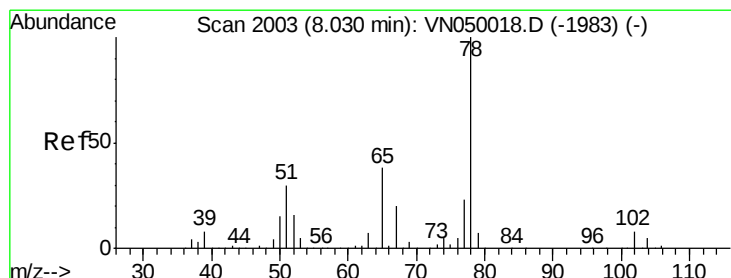
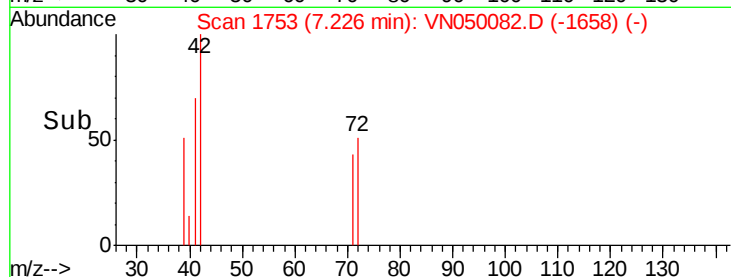
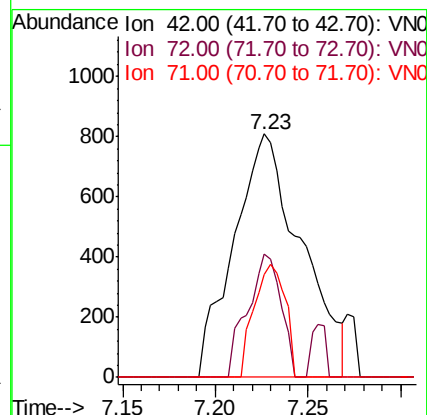
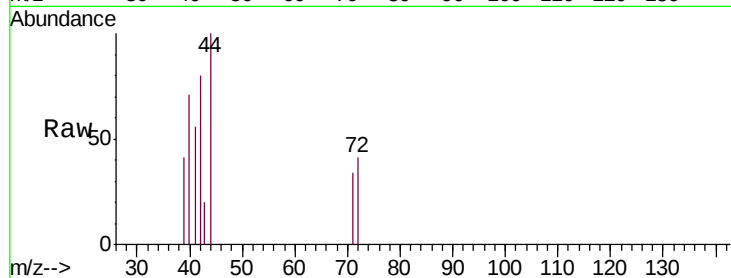
Tot Ion: 42 Resp: 2037

Ion Ratio Lower Upper

42 100

72 25.2 35.9 53.9#

71 21.4 33.7 50.5#



#33

1,2-Dichloroethane-d4

Concen: 50.68 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050082.D

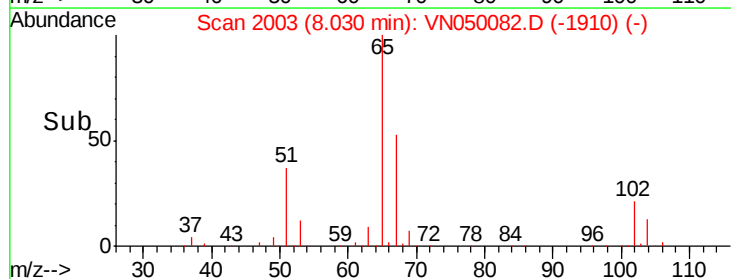
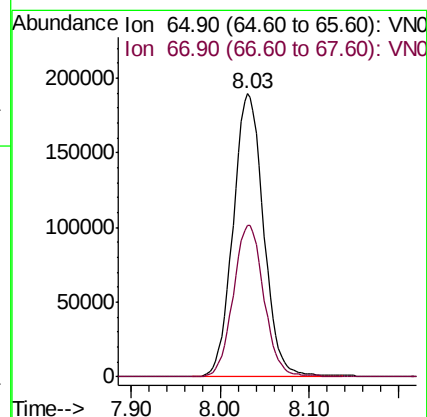
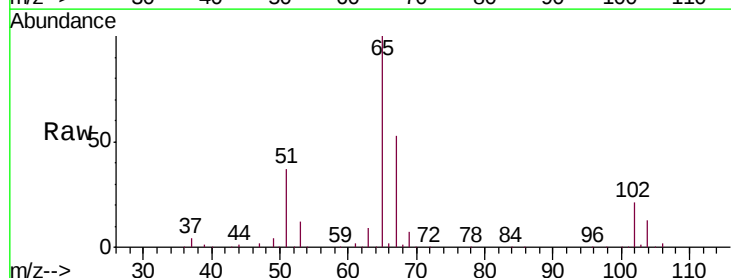
Acq: 26 Jul 2018 15:12

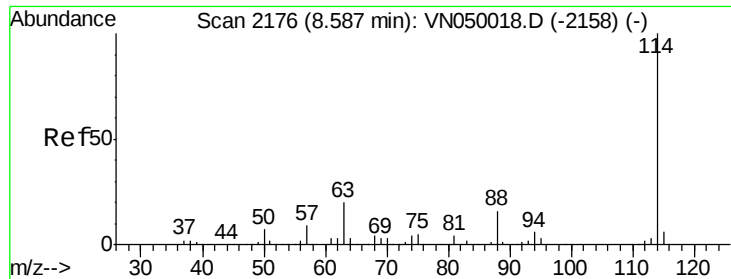
Tgt Ion: 65 Resp: 449894

Ion Ratio Lower Upper

65 100

67 53.8 0.0 108.4

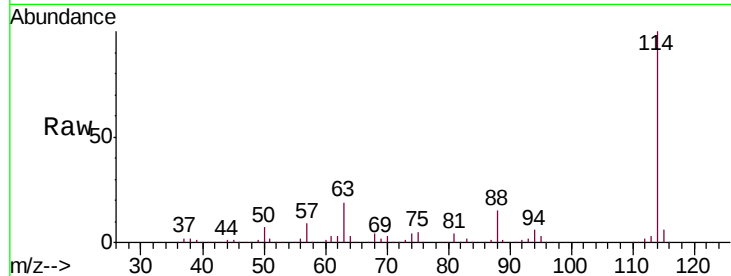




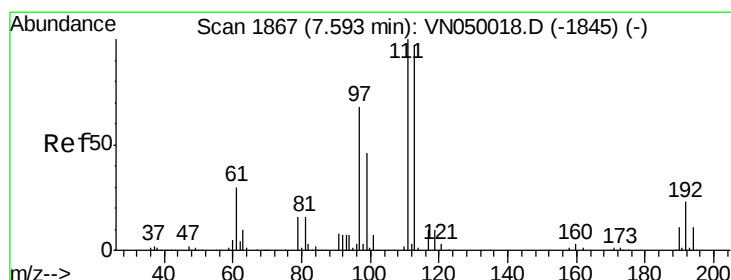
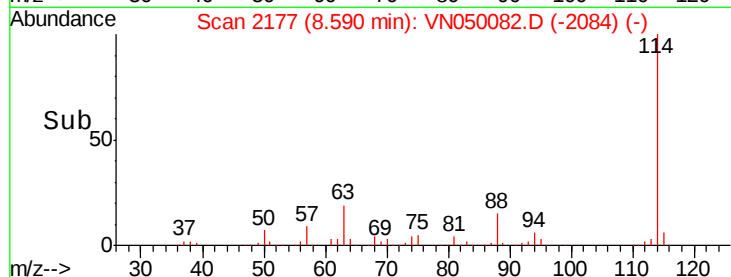
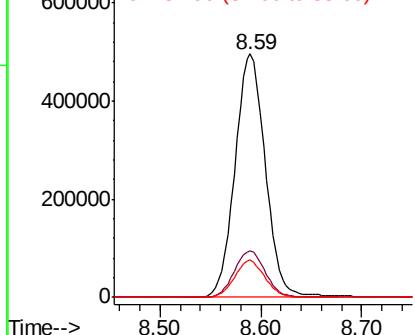
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050082.D
 Acq: 26 Jul 2018 15:12

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-072518

Tot Ion:114 Resp: 1035745
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.0
 88 15.2 0.0 31.2

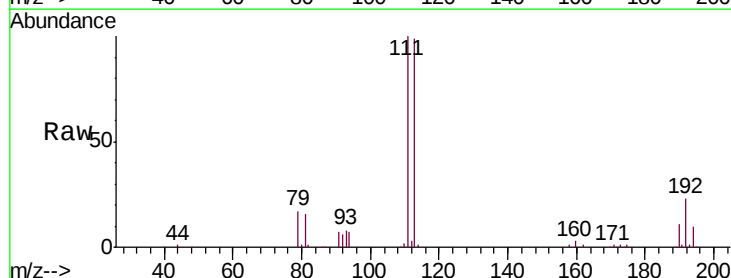


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

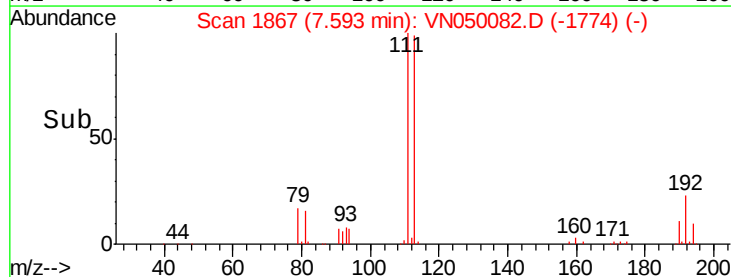
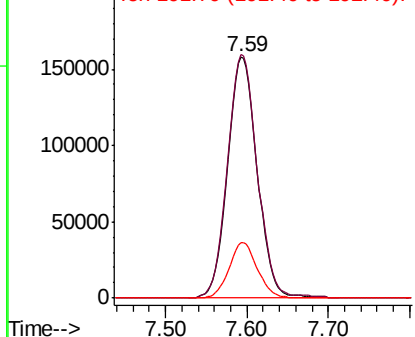


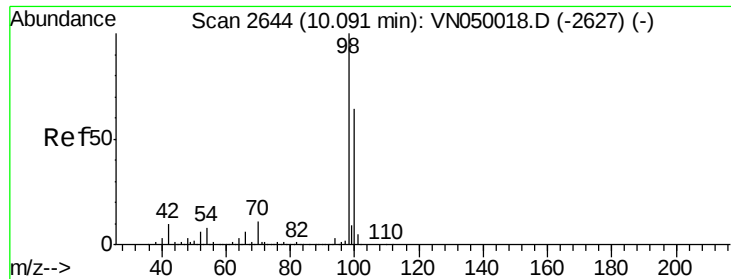
#35
 Dibromofluoromethane
 Concen: 47.55 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050082.D
 Acq: 26 Jul 2018 15:12

Tgt Ion:113 Resp: 402094
 Ion Ratio Lower Upper
 113 100
 111 101.9 80.7 121.1
 192 22.1 17.8 26.6



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: 44.77 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050082.D

Acq: 26 Jul 2018 15:12

Instrument :

MSVOA_N

ClientSampleId :

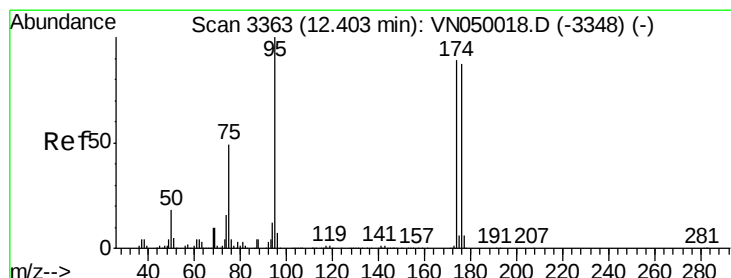
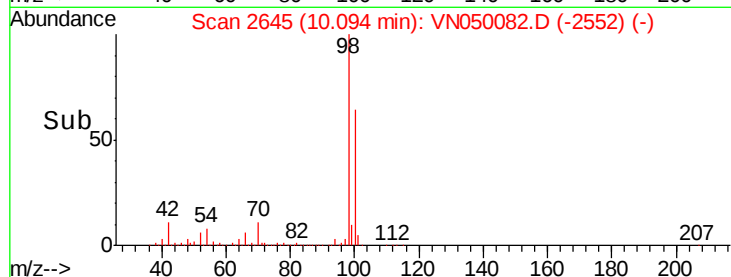
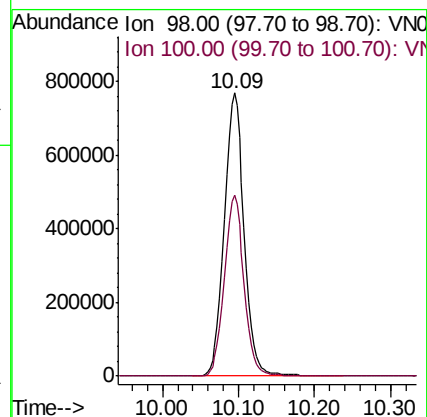
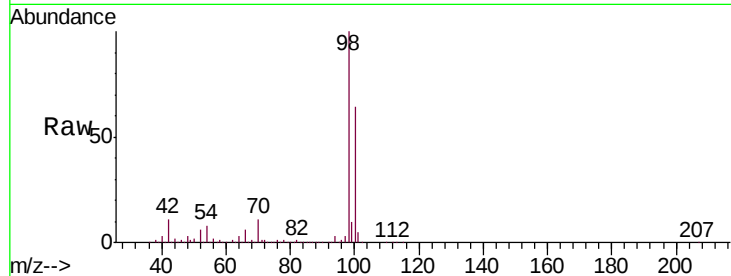
FB-072518

Tot Ion: 98 Resp: 1391951

Ion Ratio Lower Upper

98 100

100 63.6 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 36.45 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN050082.D

Acq: 26 Jul 2018 15:12

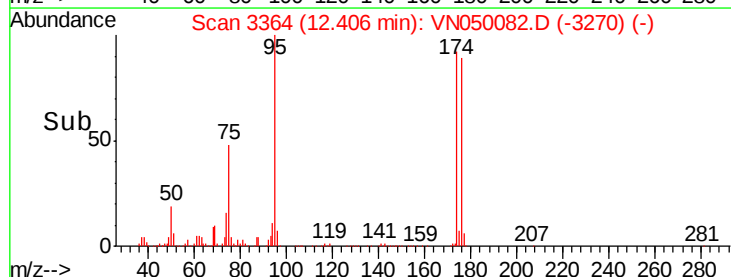
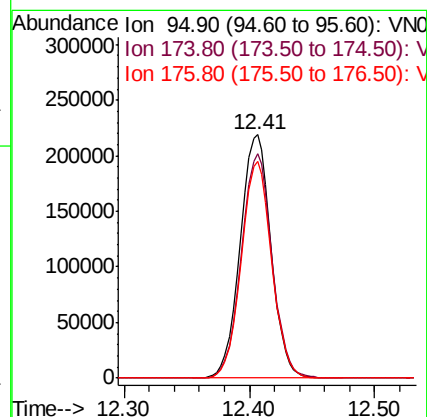
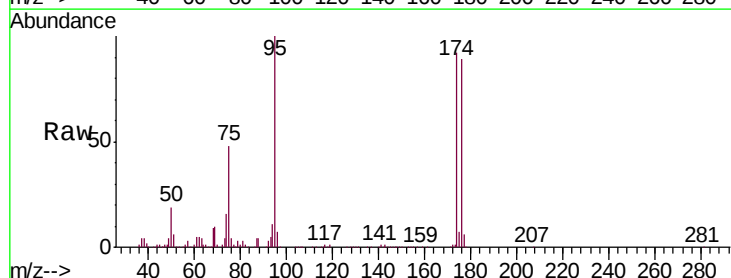
Tgt Ion: 95 Resp: 373181

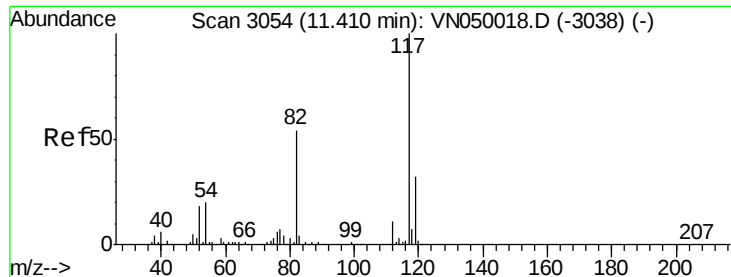
Ion Ratio Lower Upper

95 100

174 91.9 0.0 178.2

176 87.8 0.0 173.4

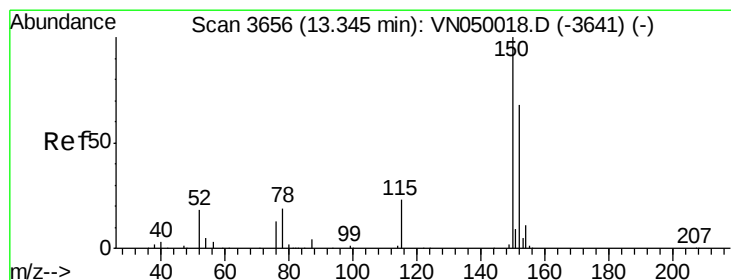
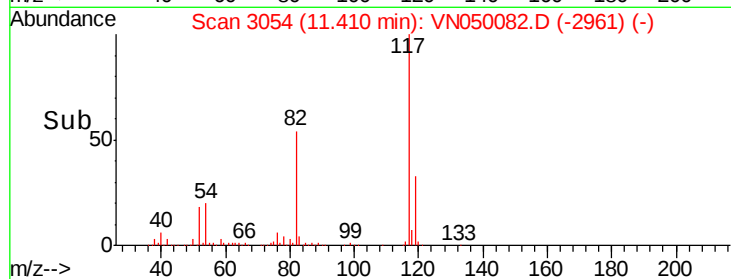
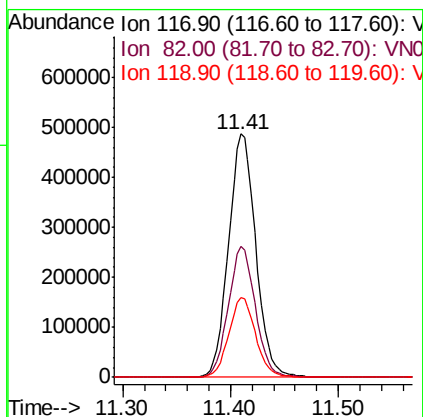
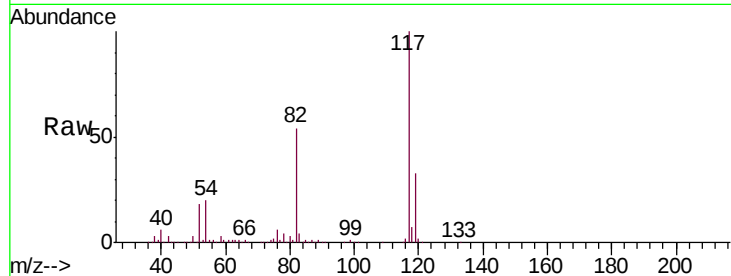




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050082.D
Acq: 26 Jul 2018 15:12

Instrument :
MSVOA_N
ClientSampleId :
FB-072518

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.7	65.5
119	32.8	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN050082.D
Acq: 26 Jul 2018 15:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.3	27.8	83.3
150	156.2	0.0	348.6

