

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
 Data File : VN049433.D
 Acq On : 20 Jun 2018 12:36
 Operator : MD\SY
 Sample : J3500-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-55(0-5)

Quant Time: Jun 20 13:56:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

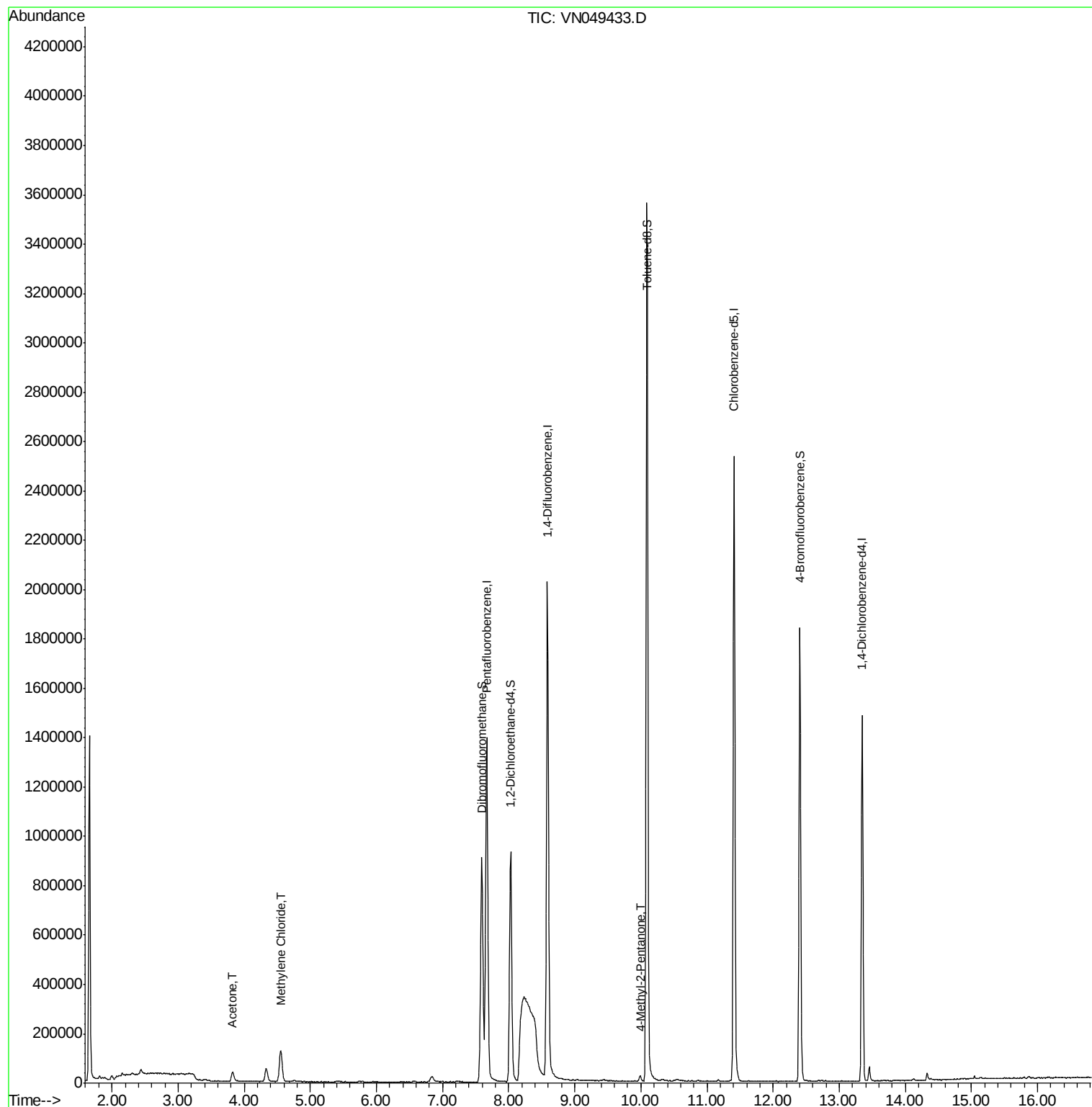
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1193189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1921153	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1560497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	432444	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	803316	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
35) Dibromofluoromethane	7.59	113	708330	45.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.14%	
50) Toluene-d8	10.09	98	2573668	43.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.98%	
62) 4-Bromofluorobenzene	12.40	95	651780	33.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.62%	
Target Compounds						
16) Acetone	3.82	43	62233	16.196	ug/l	92
20) Methylene Chloride	4.55	84	95826	5.971	ug/l	89
51) 4-Methyl-2-Pentanone	9.99	43	16027	1.337	ug/l	100

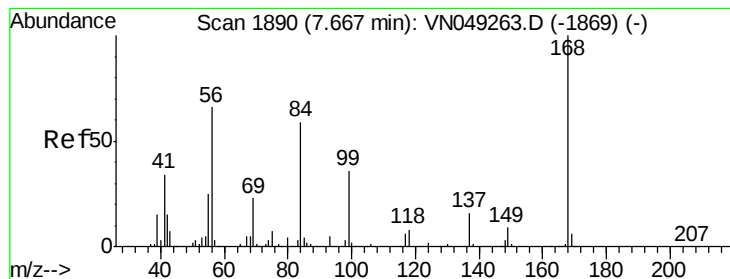
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049433.D

Acq: 20 Jun 2018 12:36

Instrument :

MSVOA_N

ClientSampleId :

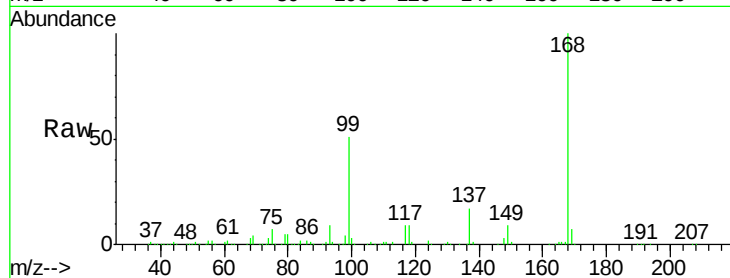
SB-55(0-5)

Tot Ion:168 Resp: 1193189

Ion Ratio Lower Upper

168 100

99 51.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

500000

400000

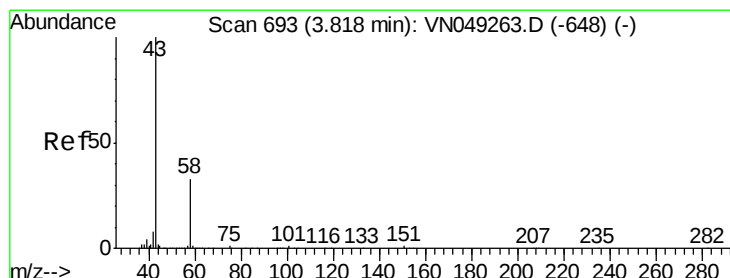
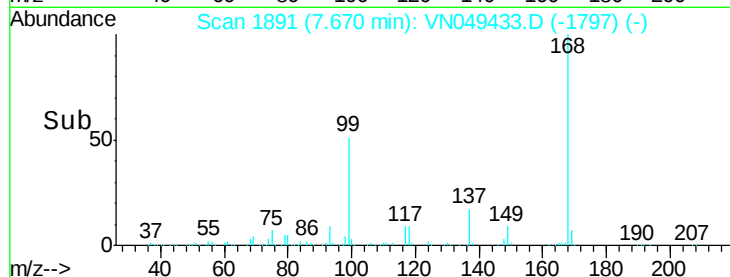
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 16.196 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049433.D

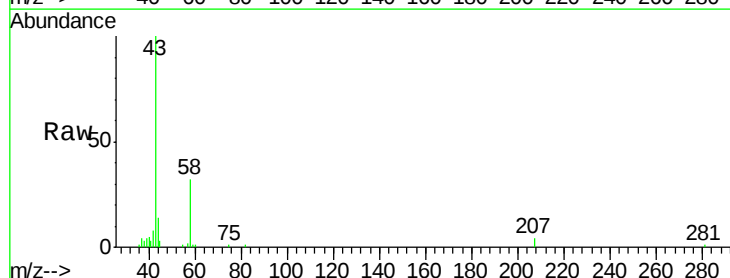
Acq: 20 Jun 2018 12:36

Tgt Ion: 43 Resp: 62233

Ion Ratio Lower Upper

43 100

58 32.0 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

25000

20000

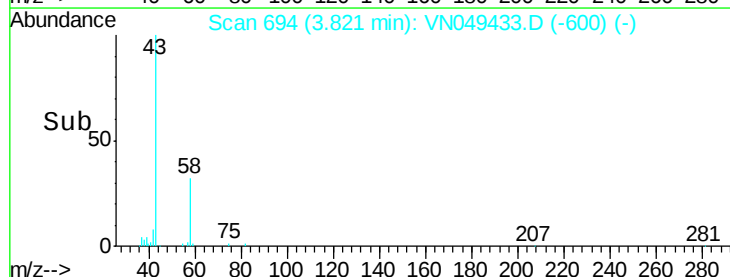
15000

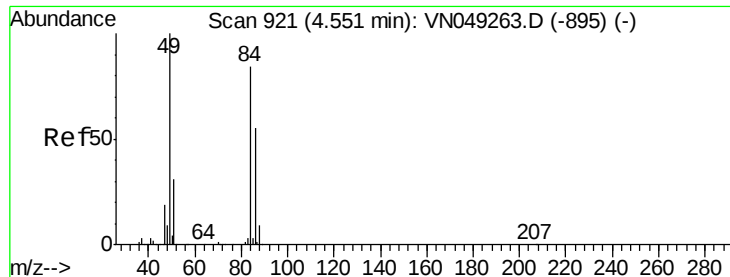
10000

5000

0

Time-->

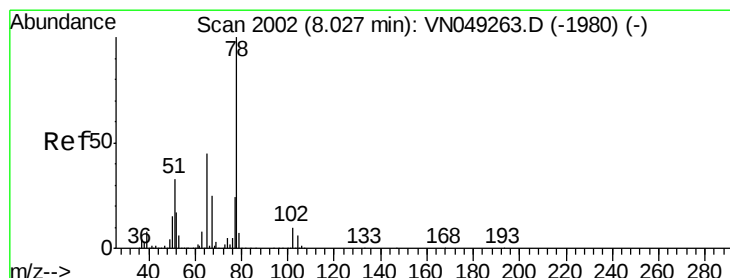
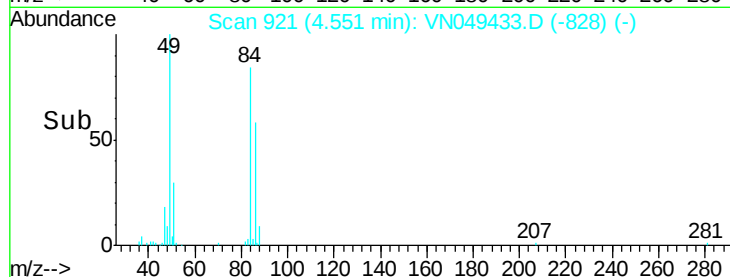
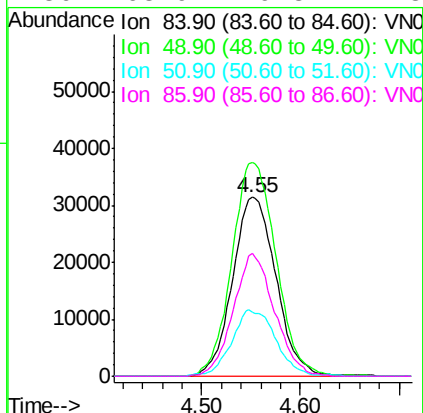
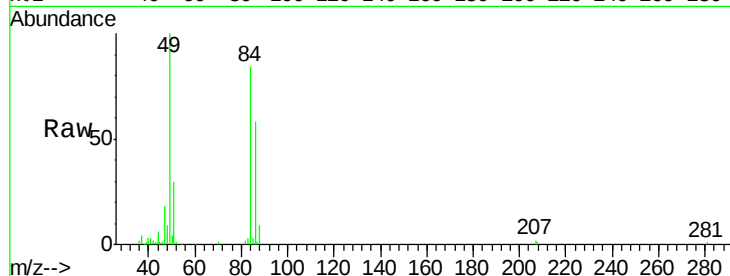




#20
Methvlene Chloride
Concen: 5.971 ug/l
RT: 4.55 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN049433.D
Acq: 20 Jun 2018 12:36

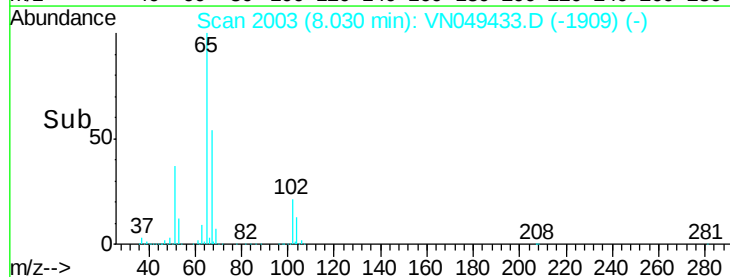
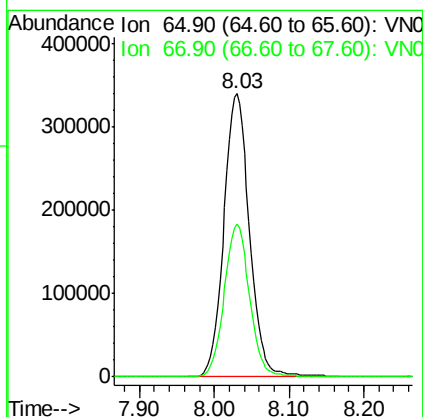
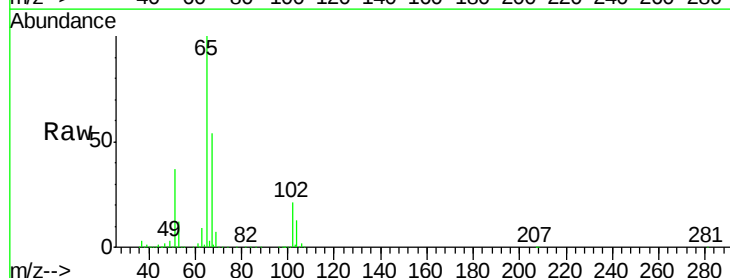
Instrument :
MSVOA_N
ClientSampled :
SB-55(0-5)

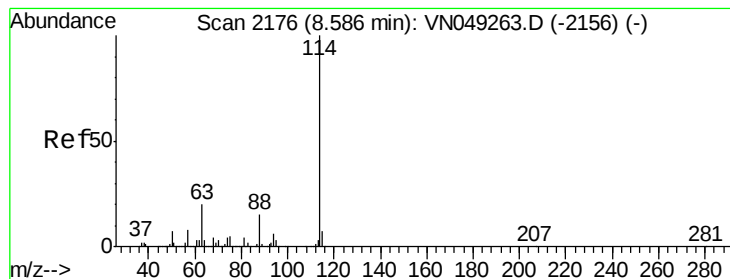
Tot Ion: 84 Resp: 95826
Ion Ratio Lower Upper
84 100
49 119.2 106.9 160.3
51 35.6 32.7 49.1
86 68.9 49.8 74.8



#33
1,2-Dichloroethane-d4
Concen: 50.760 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049433.D
Acq: 20 Jun 2018 12:36

Tgt Ion: 65 Resp: 803316
Ion Ratio Lower Upper
65 100
67 53.4 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049433.D

Acq: 20 Jun 2018 12:36

Instrument :

MSVOA_N

ClientSampleId :

SB-55(0-5)

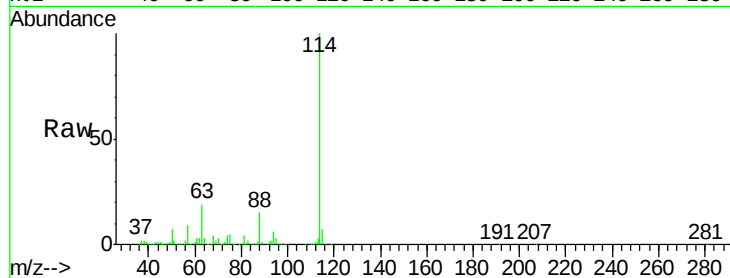
Tot Ion:114 Resp: 1921153

Ion Ratio Lower Upper

114 100

63 19.3 0.0 44.4

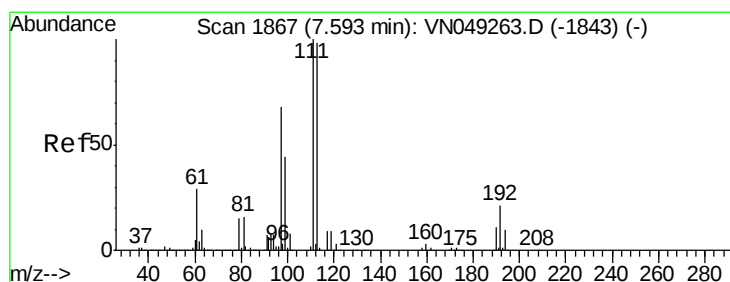
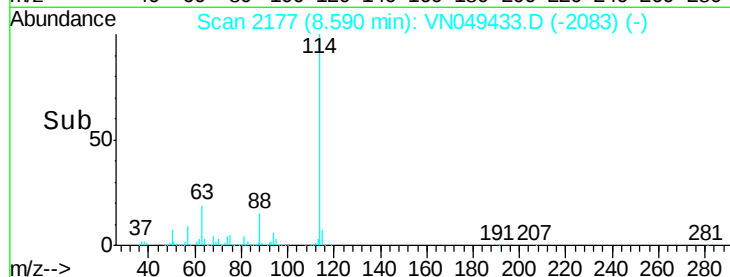
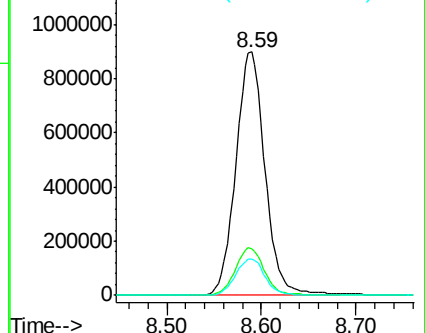
88 14.9 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 45.572 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN049433.D

Acq: 20 Jun 2018 12:36

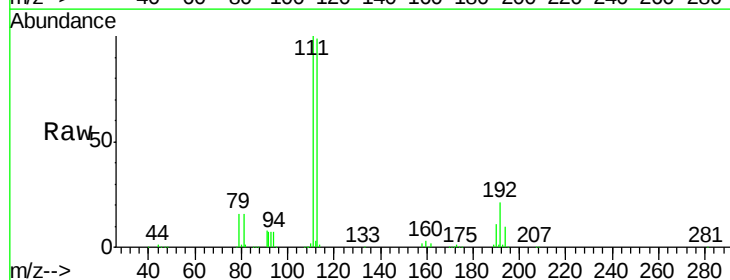
Tgt Ion:113 Resp: 708330

Ion Ratio Lower Upper

113 100

111 101.5 82.4 123.6

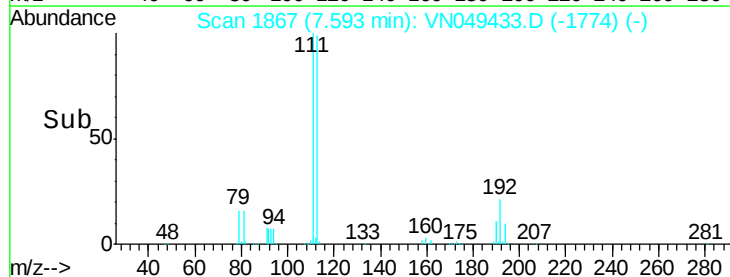
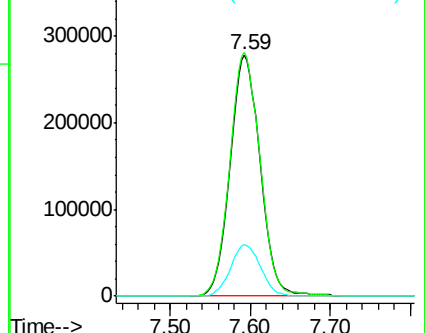
192 21.4 15.0 22.6

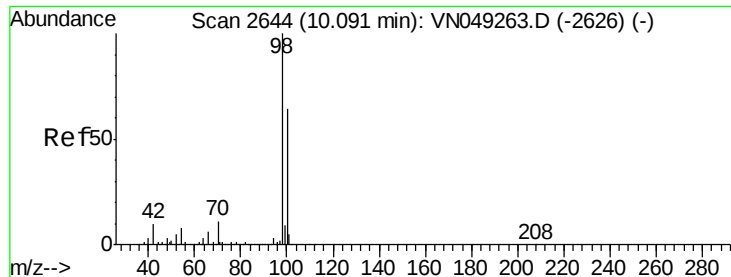


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 43.487 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049433.D

Acq: 20 Jun 2018 12:36

Instrument :

MSVOA_N

ClientSampleId :

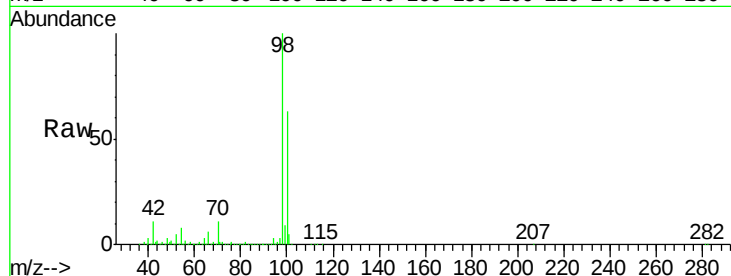
SB-55(0-5)

Tot Ion: 98 Resp: 2573668

Ion Ratio Lower Upper

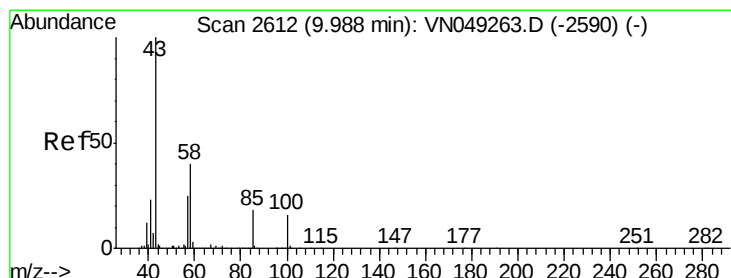
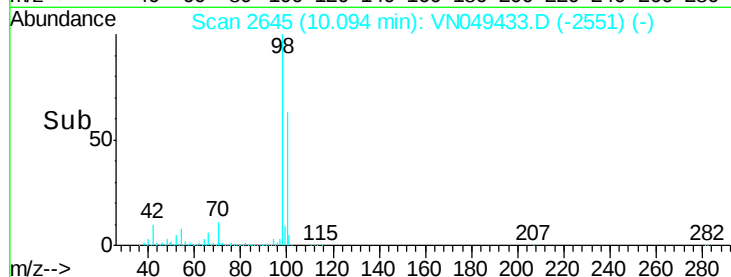
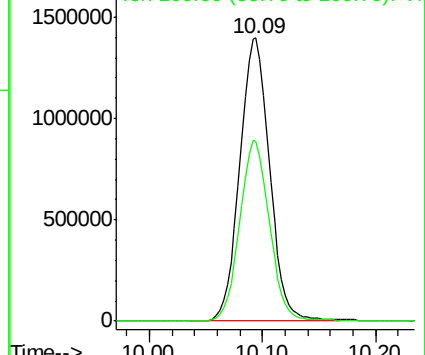
98 100

100 63.7 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 1.337 ug/l

RT: 9.99 min Scan# 2613

Delta R.T. 0.00 min

Lab File: VN049433.D

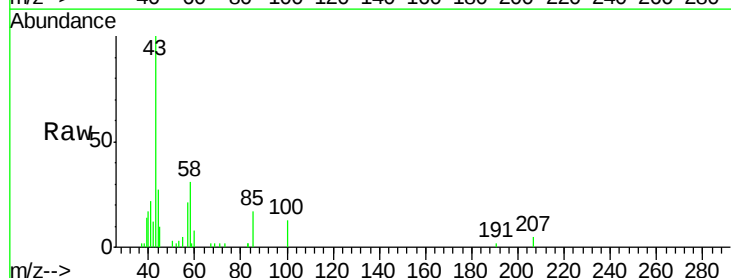
Acq: 20 Jun 2018 12:36

Tgt Ion: 43 Resp: 16027

Ion Ratio Lower Upper

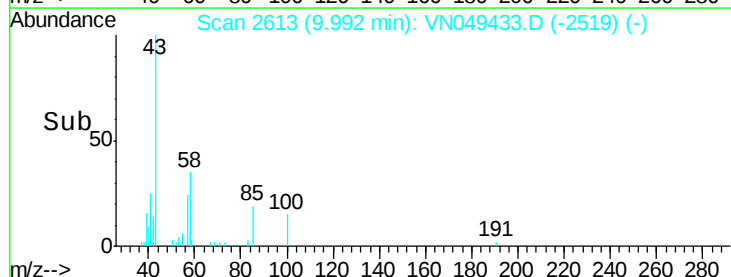
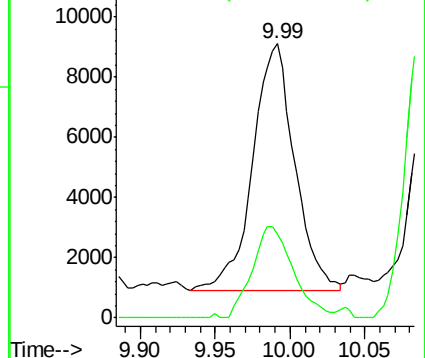
43 100

58 36.2 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 33.307 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049433.D

Acq: 20 Jun 2018 12:36

Instrument :

MSVOA_N

ClientSampleId :

SB-55(0-5)

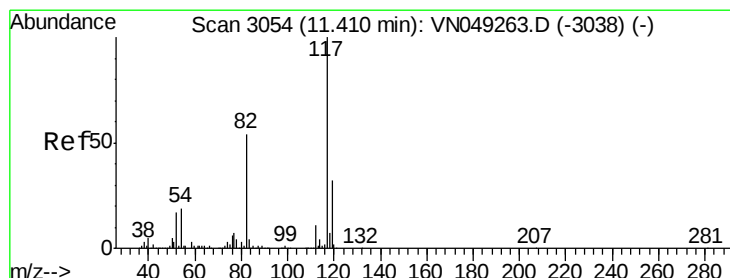
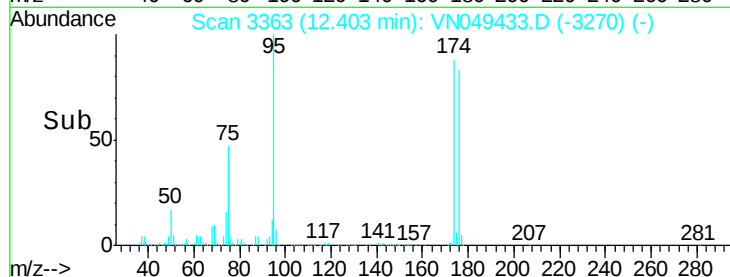
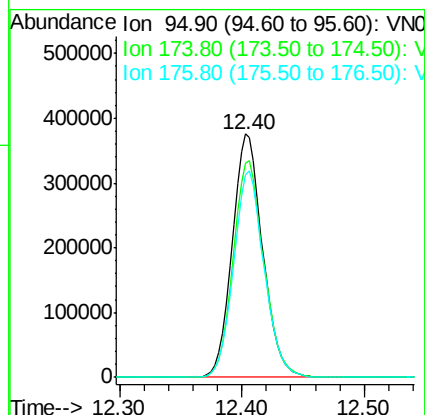
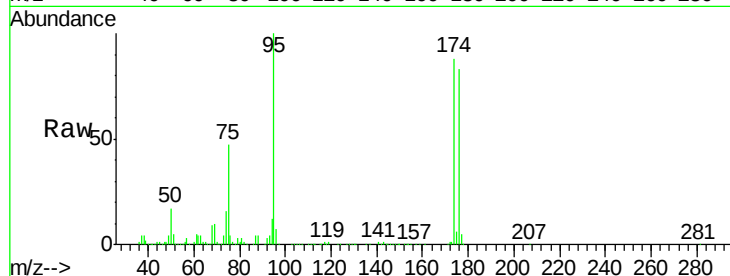
Tot Ion: 95 Resp: 651780

Ion Ratio Lower Upper

95 100

174 89.6 0.0 165.6

176 85.0 0.0 157.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049433.D

Acq: 20 Jun 2018 12:36

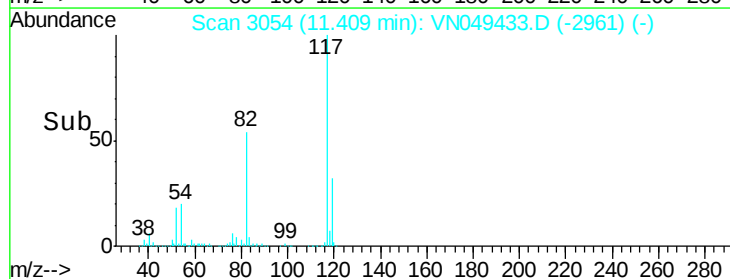
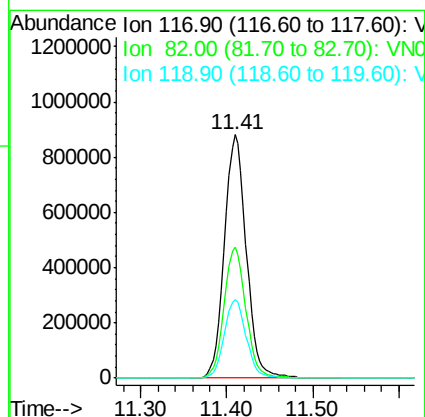
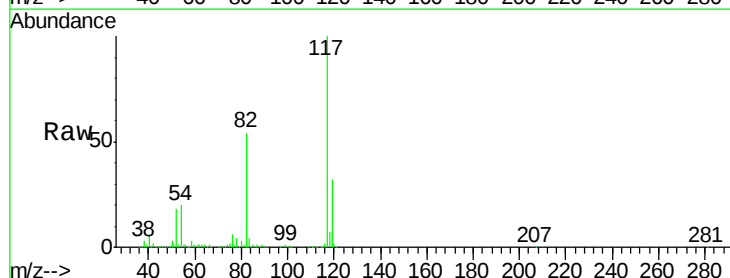
Tgt Ion: 117 Resp: 1560497

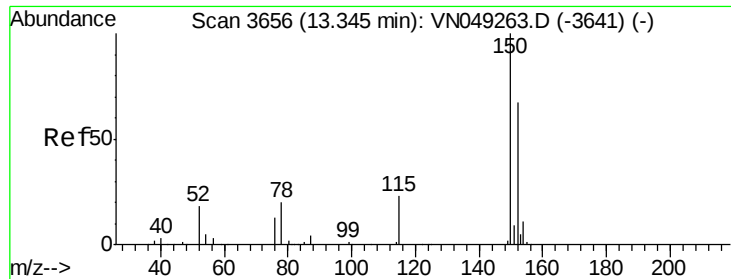
Ion Ratio Lower Upper

117 100

82 53.8 45.9 68.9

119 32.5 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049433.D

Acq: 20 Jun 2018 12:36

Instrument :

MSVOA_N

ClientSampleId :

SB-55(0-5)

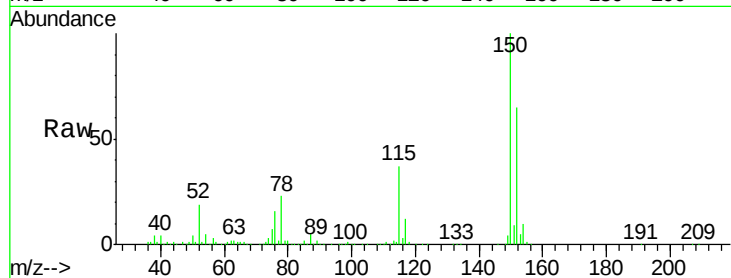
Tot Ion:152 Resp: 432444

Ion Ratio Lower Upper

152 100

115 57.5 28.7 86.1

150 157.8 0.0 351.0



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

