

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033019\
 Data File : VN054813.D
 Acq On : 30 Mar 2019 19:59
 Operator : JC/SP
 Sample : K2138-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S6B(22)

Quant Time: Mar 30 23:55:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

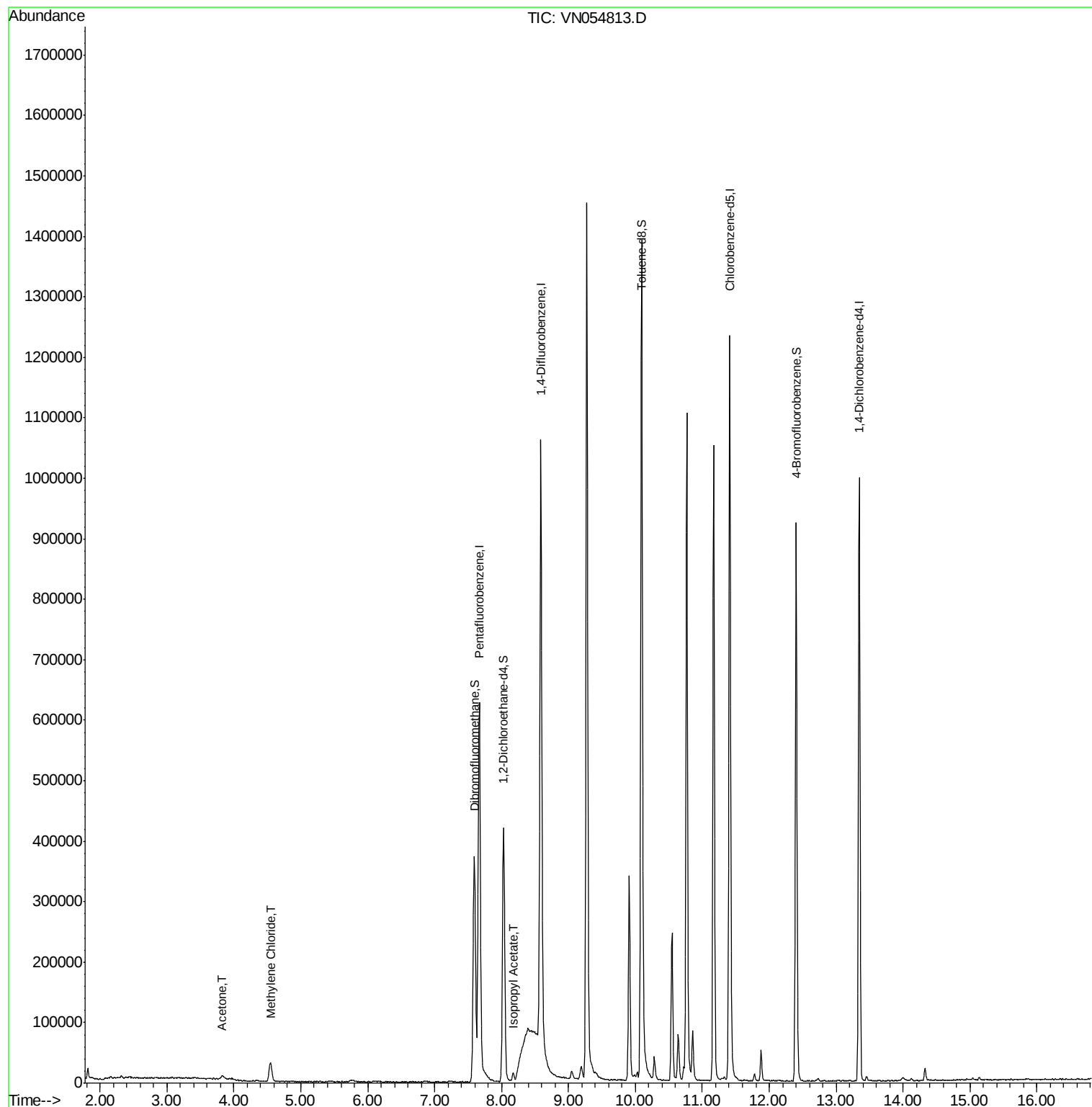
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	524334	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	877785	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	729151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	264228	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	361059	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
35) Dibromofluoromethane	7.59	113	282507	48.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.54%	
50) Toluene-d8	10.09	98	1036870	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.32%	
62) 4-Bromofluorobenzene	12.40	95	314959	43.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.06%	
Target Compounds						
16) Acetone	3.82	43	11426	6.779	ug/l #	79
20) Methylene Chloride	4.55	84	21129	3.554	ug/l #	86
43) Isopropyl Acetate	8.18	43	16980	1.742	ug/l #	94

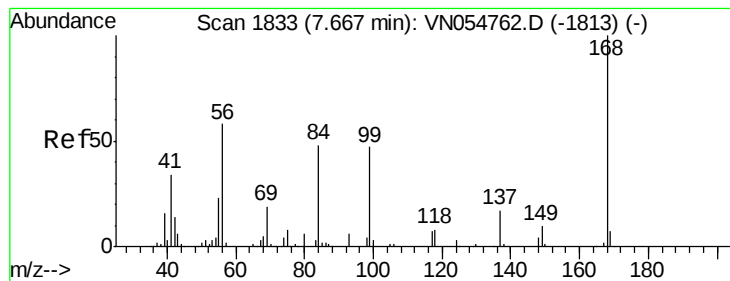
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN033019\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054813.D

Acq: 30 Mar 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

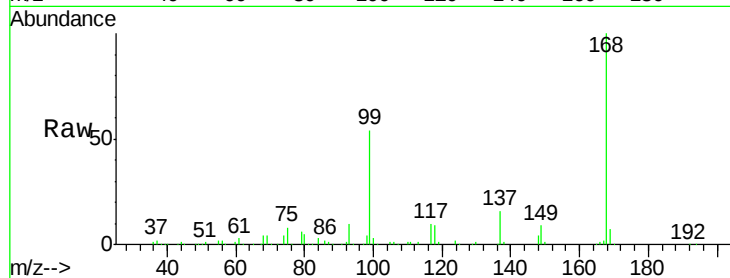
S6B(22)

Tot Ion:168 Resp: 524334

Ion Ratio Lower Upper

168 100

99 54.2 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054813.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN054813.D (-1740) (-)

7.67

250000

200000

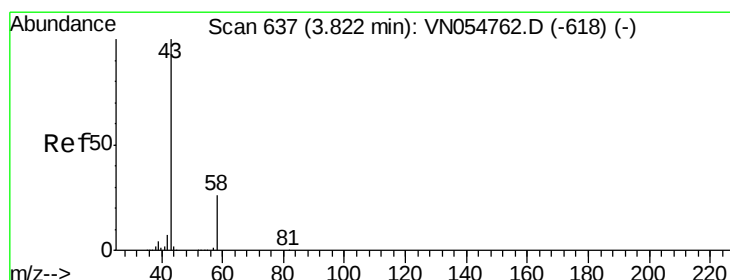
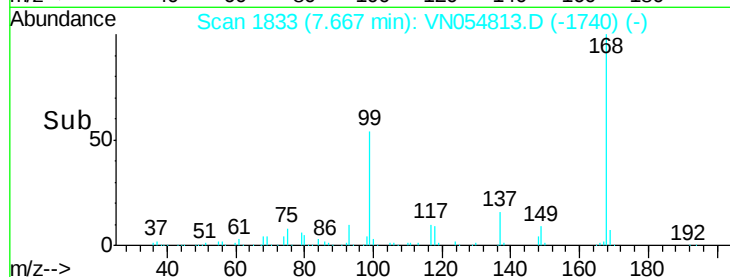
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.779 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054813.D

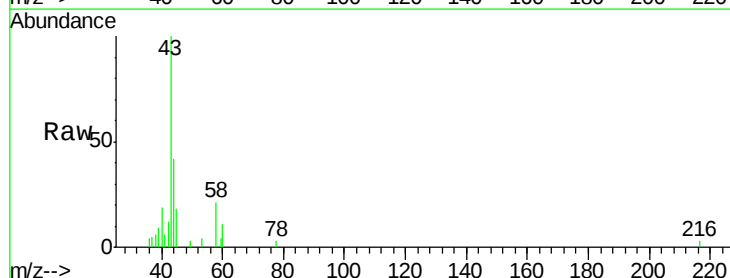
Acq: 30 Mar 2019 19:59

Tgt Ion: 43 Resp: 11426

Ion Ratio Lower Upper

43 100

58 24.7 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN054813.D (-544) (-)

Ion 58.00 (57.70 to 58.70): VN054813.D (-544) (-)

3.82

5000

4000

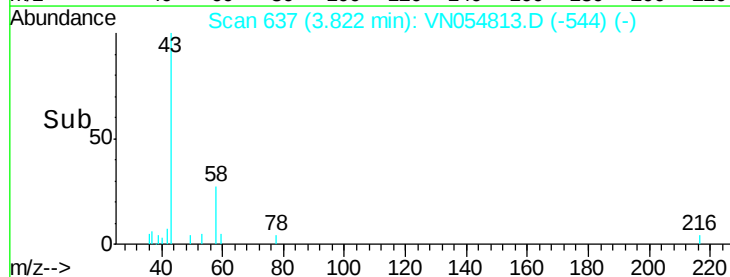
3000

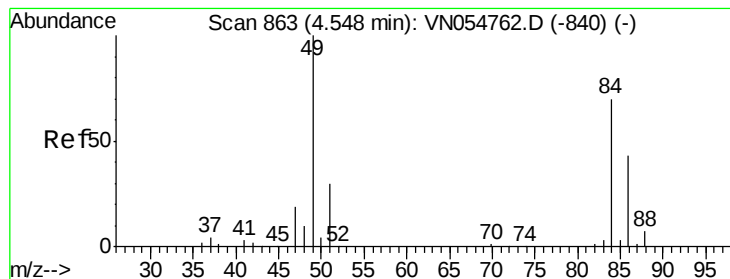
2000

1000

0

Time-->





#20

Methvlene Chloride

Concen: 3.554 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN054813.D

Acq: 30 Mar 2019 19:59

Instrument :

MSVOA_N

ClientSampled :

S6B(22)

Tot Ion: 84 Resp: 21129

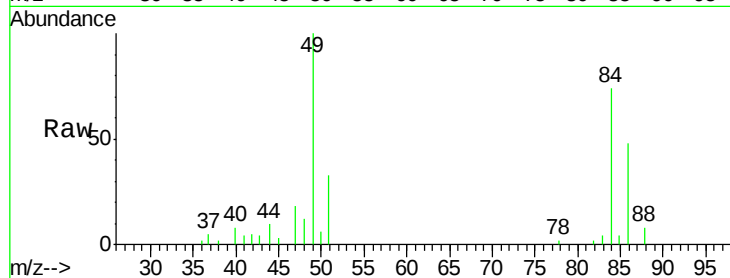
Ion Ratio Lower Upper

84 100

49 134.7 89.7 134.5#

51 44.2 28.2 42.4#

86 64.2 50.8 76.2

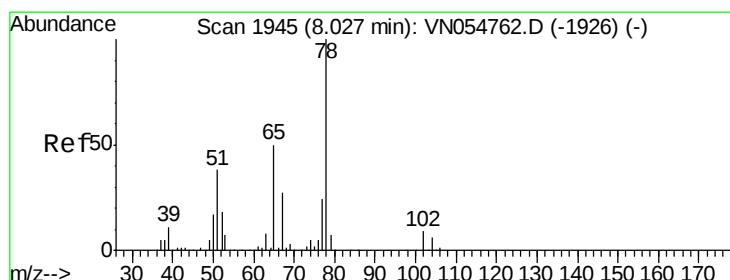
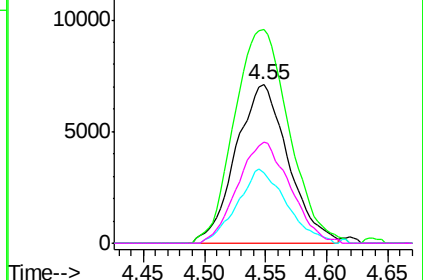
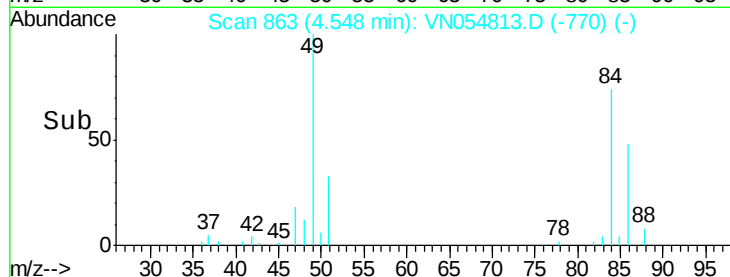


Abundance Ion 83.90 (83.60 to 84.60): VNC

Ion 48.90 (48.60 to 49.60): VNC

Ion 50.90 (50.60 to 51.60): VNC

Ion 85.90 (85.60 to 86.60): VNC



#33

1,2-Dichloroethane-d4

Concen: 51.083 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN054813.D

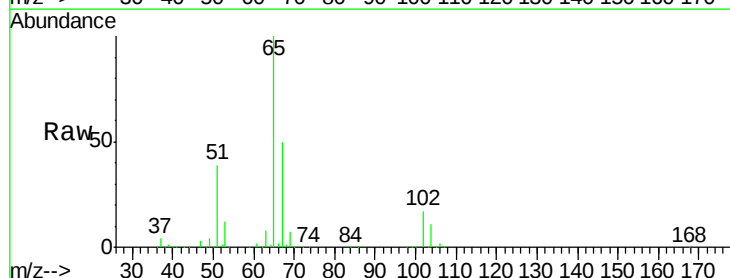
Acq: 30 Mar 2019 19:59

Tgt Ion: 65 Resp: 361059

Ion Ratio Lower Upper

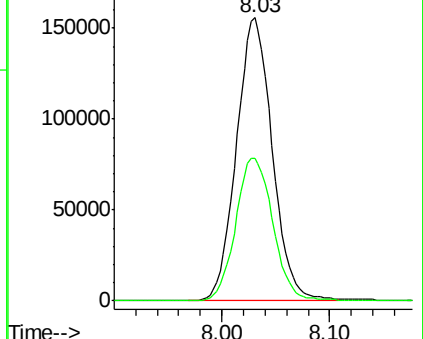
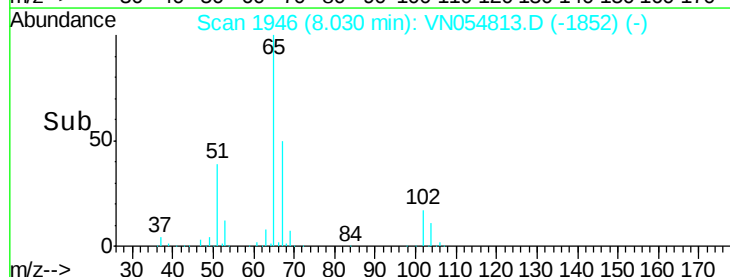
65 100

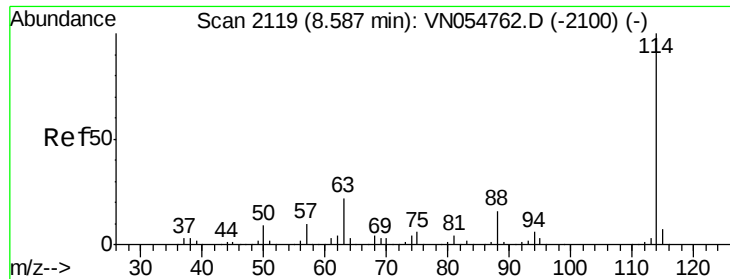
67 52.4 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNC

Ion 66.90 (66.60 to 67.60): VNC

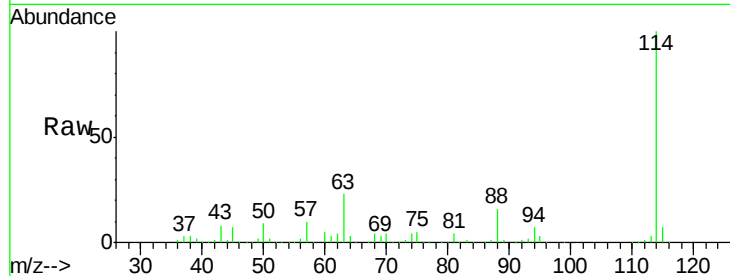




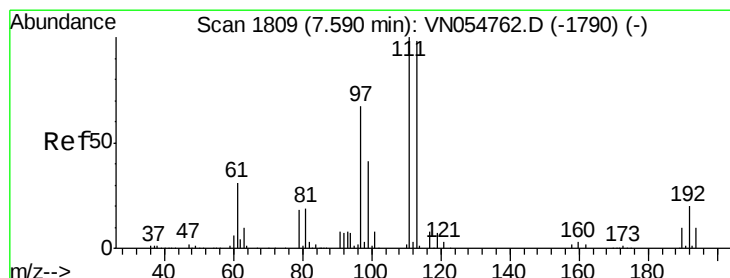
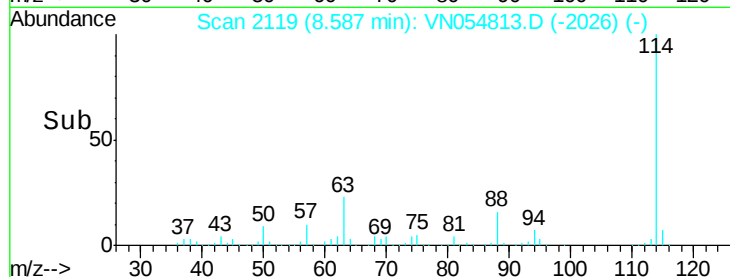
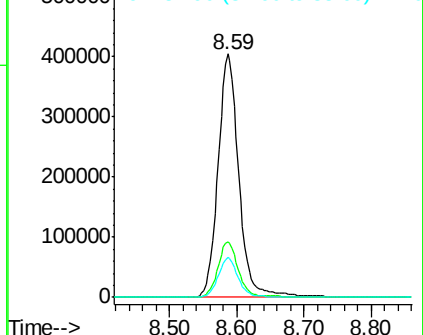
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054813.D
 Acq: 30 Mar 2019 19:59

Instrument :
 MSVOA_N
 ClientSampled :
 S6B(22)

Tot Ion:114 Resp: 877785
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 35.2
 88 16.2 0.0 30.2

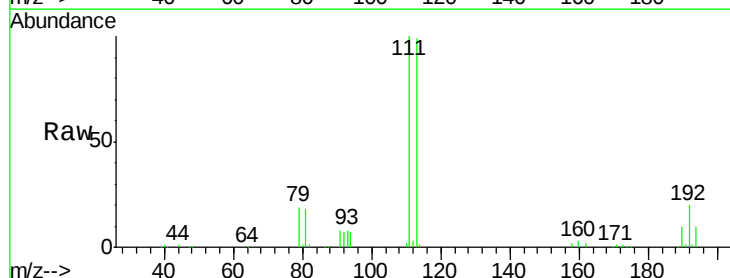


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

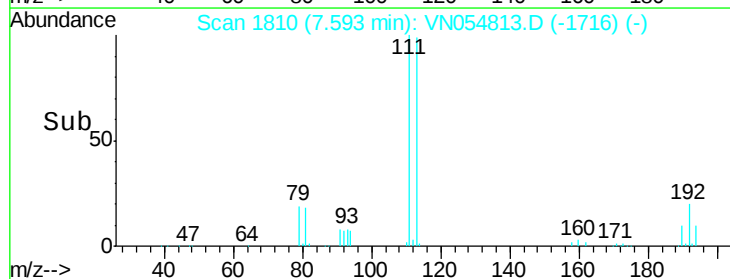
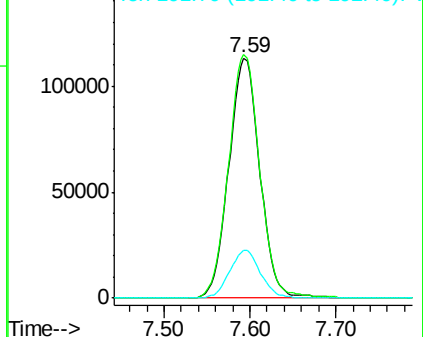


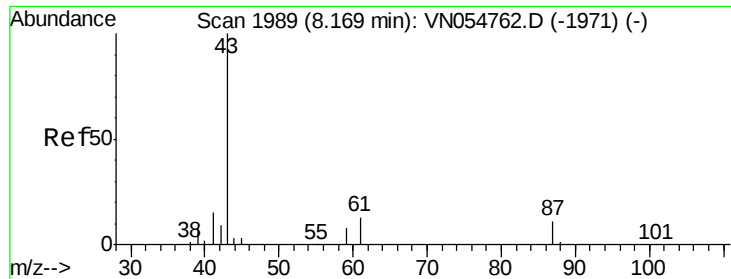
#35
 Dibromofluoromethane
 Concen: 48.274 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054813.D
 Acq: 30 Mar 2019 19:59

Tgt Ion:113 Resp: 282507
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.2 123.4
 192 19.9 19.2 28.8



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





#43

Isopropyl Acetate

Concen: 1.742 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN054813.D

Acq: 30 Mar 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

S6B(22)

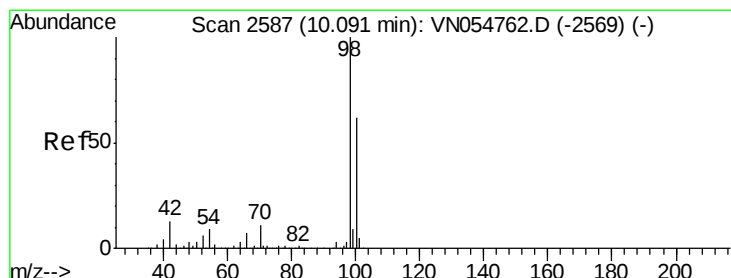
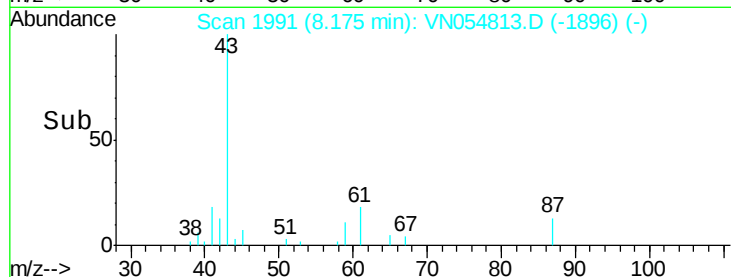
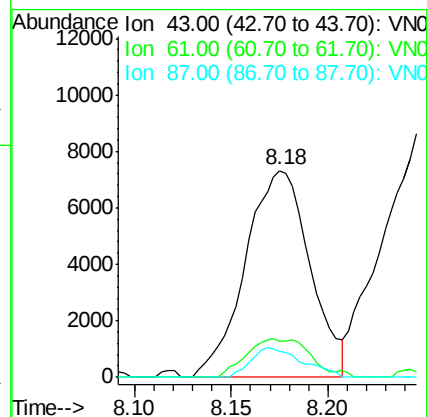
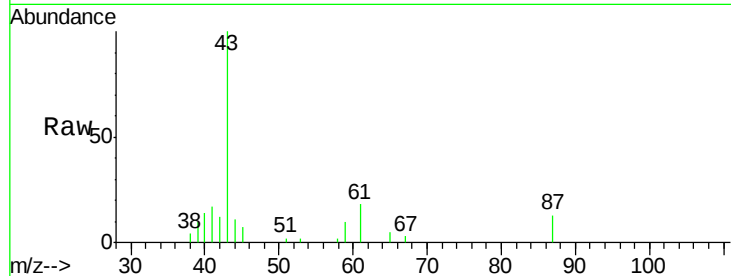
Tot Ion: 43 Resp: 16980

Ion Ratio Lower Upper

43 100

61 18.4 15.8 23.8

87 11.4 12.0 18.0#



#50

Toluene-d8

Concen: 47.657 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054813.D

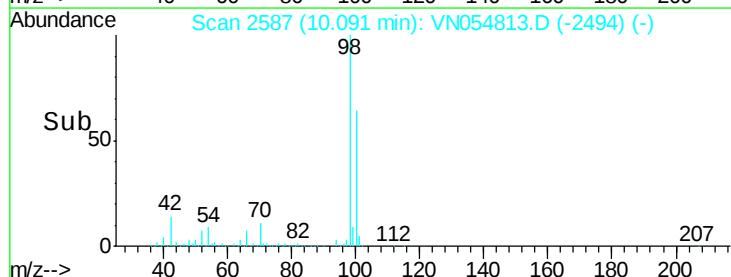
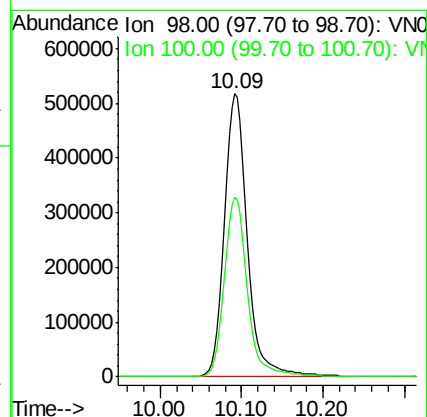
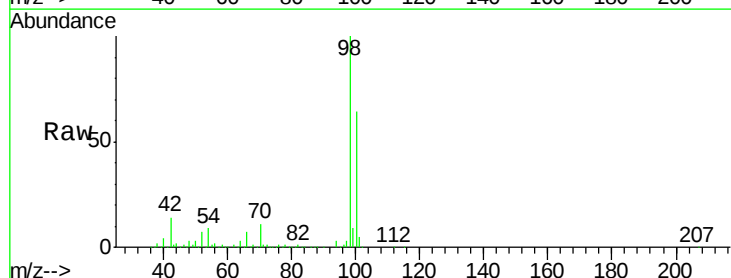
Acq: 30 Mar 2019 19:59

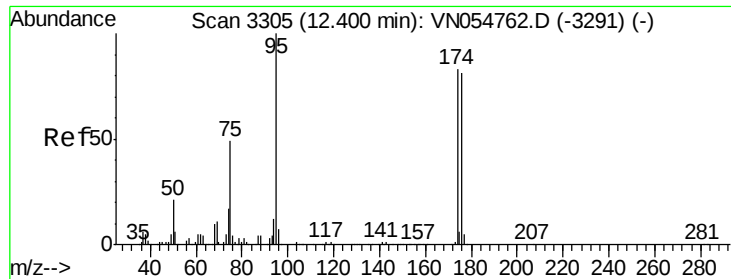
Tgt Ion: 98 Resp: 1036870

Ion Ratio Lower Upper

98 100

100 63.7 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 43.528 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054813.D

Acq: 30 Mar 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

S6B(22)

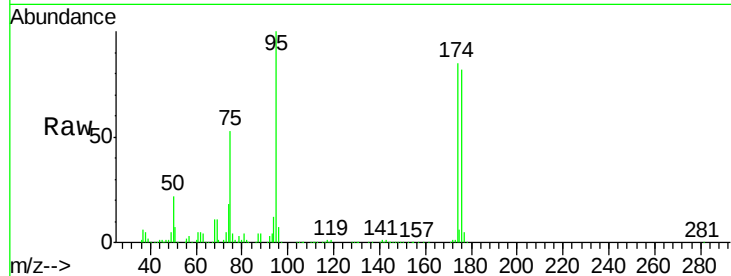
Tot Ion: 95 Resp: 314959

Ion Ratio Lower Upper

95 100

174 84.3 0.0 191.0

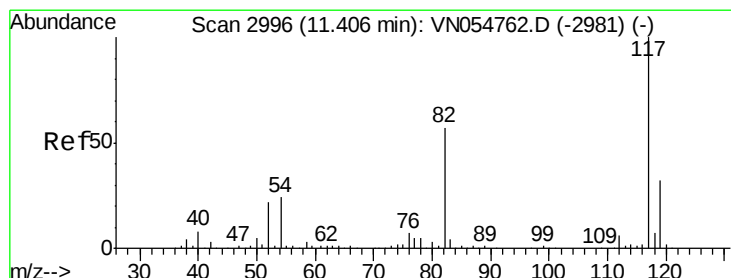
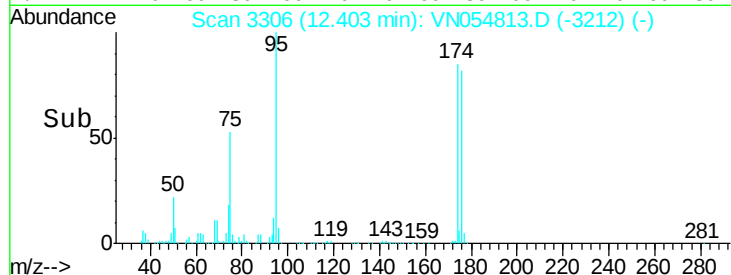
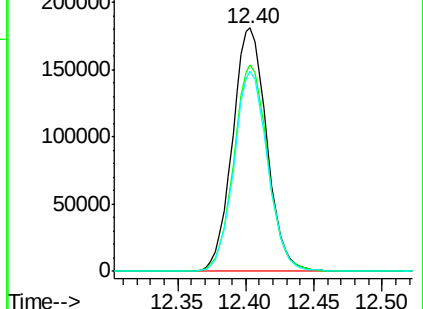
176 81.4 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054813.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN054813.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN054813.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054813.D

Acq: 30 Mar 2019 19:59

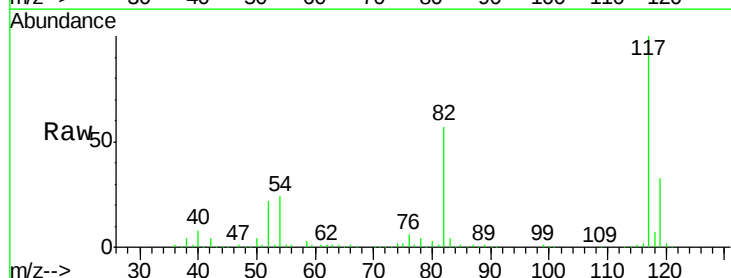
Tgt Ion: 117 Resp: 729151

Ion Ratio Lower Upper

117 100

82 56.7 40.0 60.0

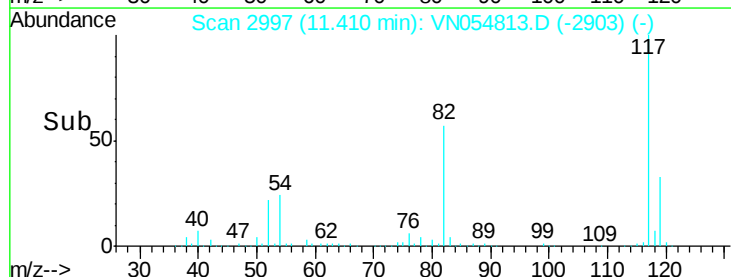
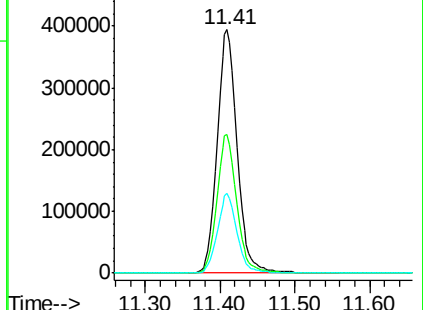
119 32.5 25.8 38.6

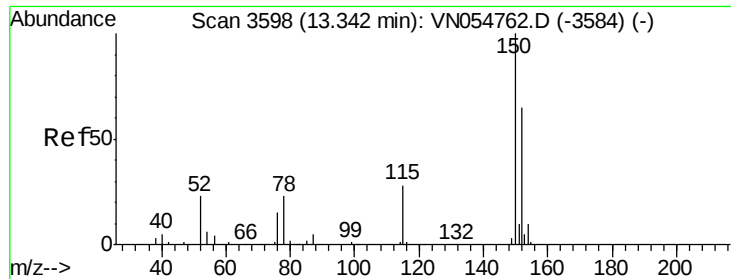


Abundance Ion 116.90 (116.60 to 117.60): VN054813.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN054813.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054813.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054813.D

Acq: 30 Mar 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

S6B(22)

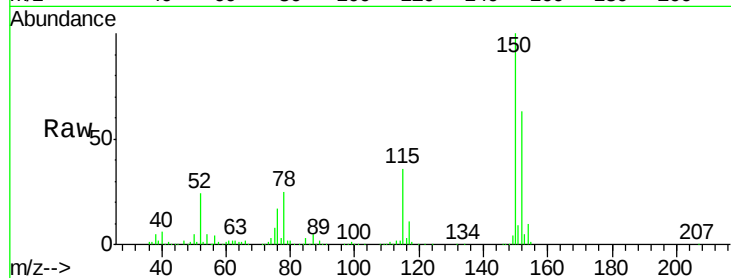
Tot Ion:152 Resp: 264228

Ion Ratio Lower Upper

152 100

115 58.7 27.2 81.6

150 157.3 0.0 349.2



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

