

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040319\
 Data File : VN054922.D
 Acq On : 3 Apr 2019 13:22
 Operator : JC/SP
 Sample : K2221-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S2B(10)

Quant Time: Apr 04 02:14:29 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

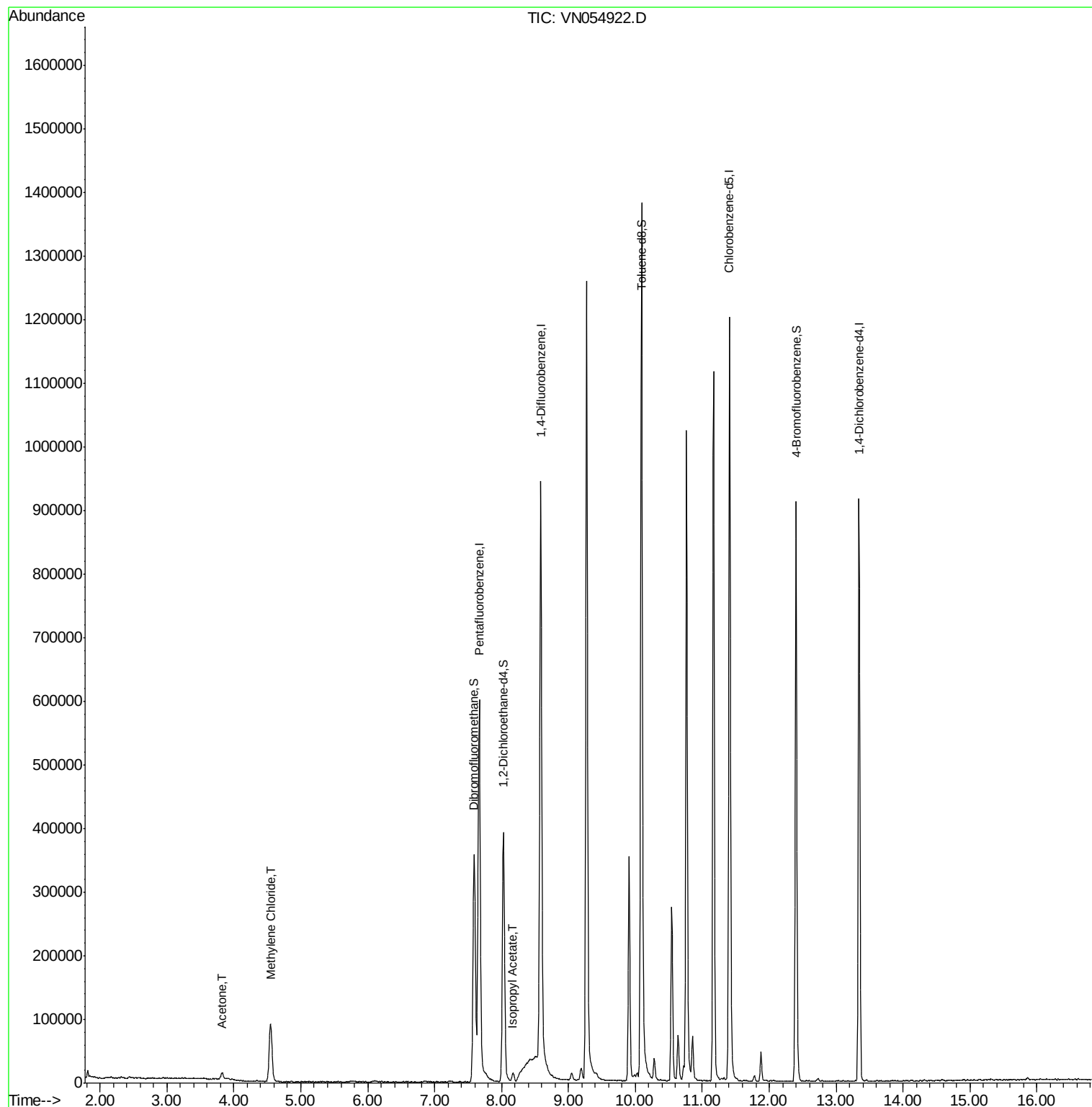
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	508309	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	856493	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	722714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	247925	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	336075	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
35) Dibromofluoromethane	7.59	113	274323	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.08%	
50) Toluene-d8	10.09	98	1030867	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
62) 4-Bromofluorobenzene	12.40	95	305049	43.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.42%	
Target Compounds						
16) Acetone	3.82	43	17710	10.838	ug/l #	78
20) Methylene Chloride	4.55	84	63422	11.004	ug/l #	79
43) Isopropyl Acetate	8.17	43	15893	1.671	ug/l #	89

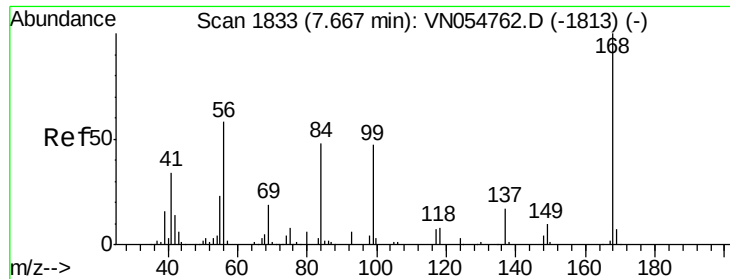
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 30 00:48:18 2019
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: VN054922.D

Acq: 3 Apr 2019 13:22

Instrument :

MSVOA_N

ClientSampleId :

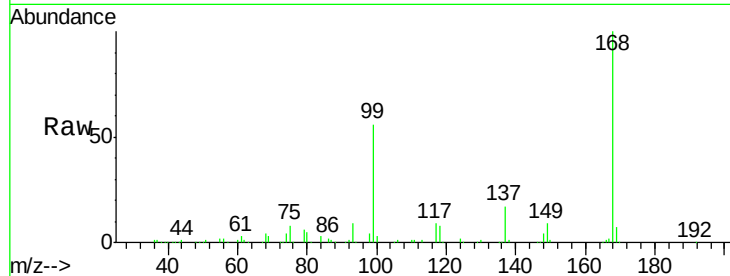
S2B(10)

Tot Ion:168 Resp: 508309

Ion Ratio Lower Upper

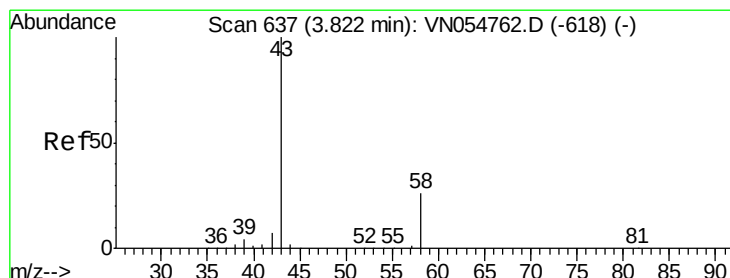
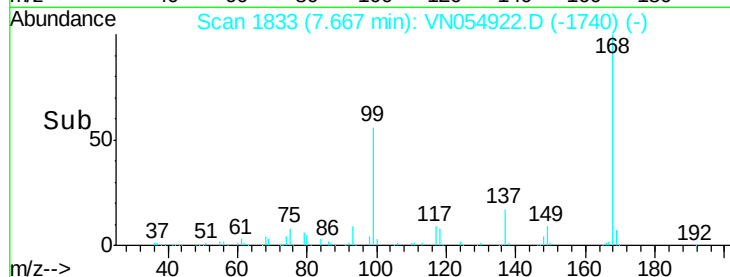
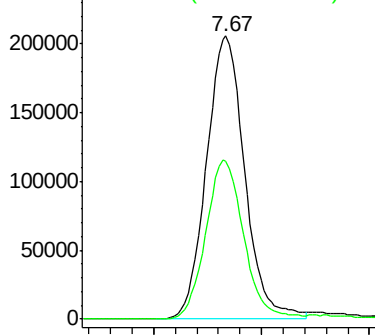
168 100

99 55.8 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 10.838 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN054922.D

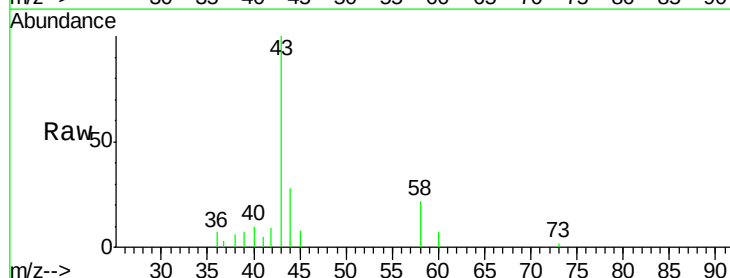
Acq: 3 Apr 2019 13:22

Tgt Ion: 43 Resp: 17710

Ion Ratio Lower Upper

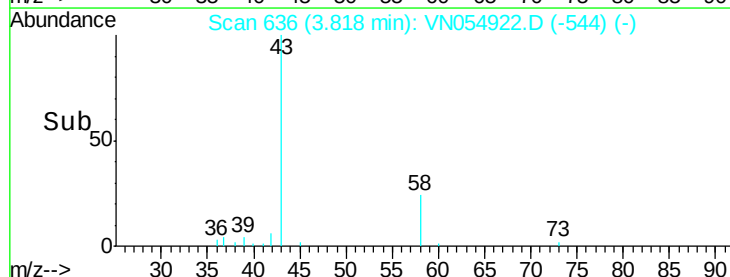
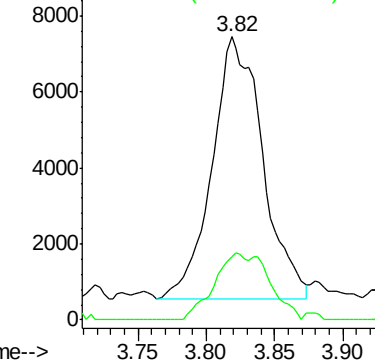
43 100

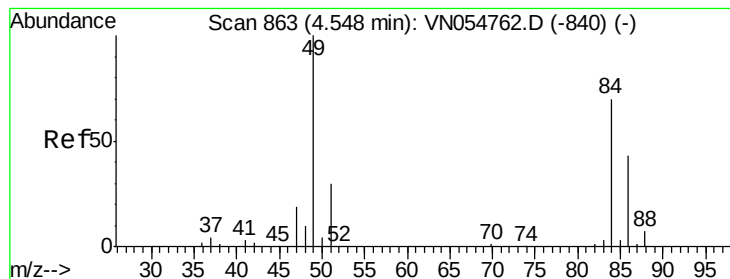
58 24.2 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#20

Methylene Chloride

Concen: 11.004 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN054922.D

Acq: 3 Apr 2019 13:22

Instrument :

MSVOA_N

ClientSampled :

S2B(10)

Tot Ion: 84 Resp: 63422

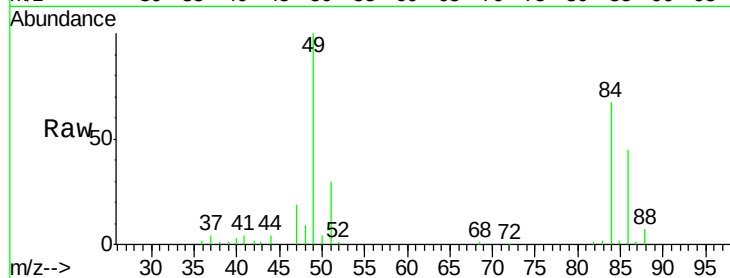
Ion Ratio Lower Upper

84 100

49 147.5 89.7 134.5#

51 44.4 28.2 42.4#

86 66.1 50.8 76.2

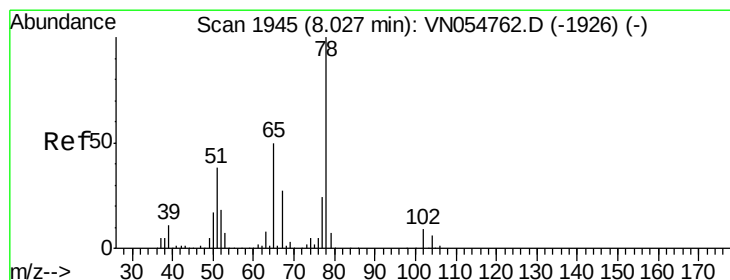
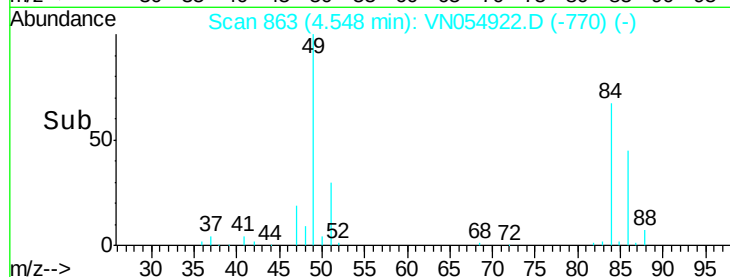
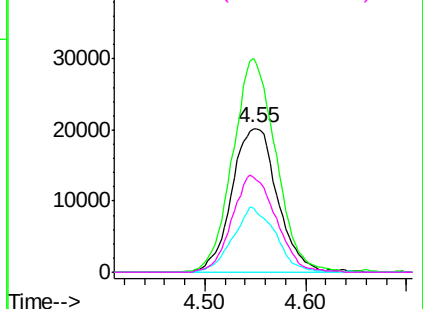


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 49.047 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054922.D

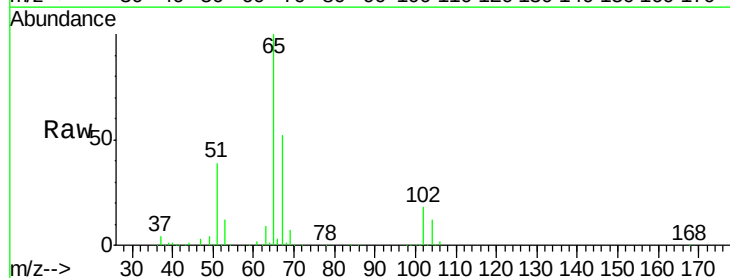
Acq: 3 Apr 2019 13:22

Tgt Ion: 65 Resp: 336075

Ion Ratio Lower Upper

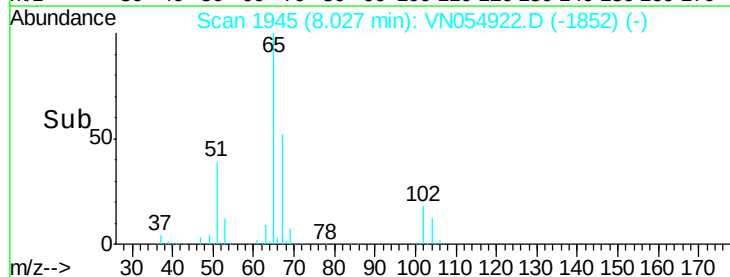
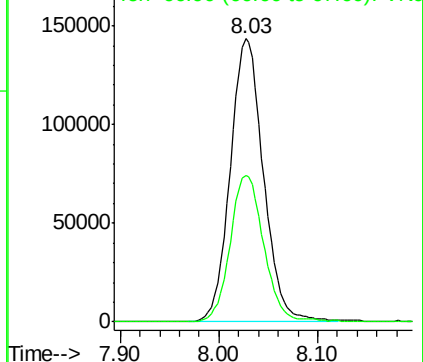
65 100

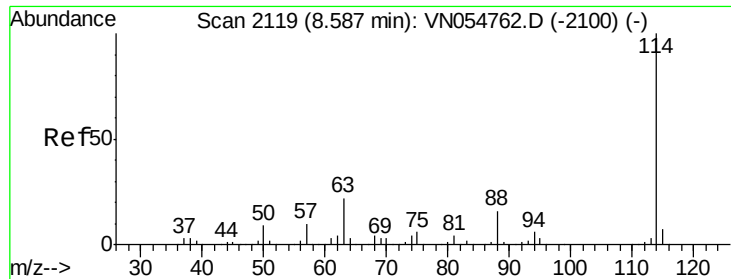
67 52.4 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

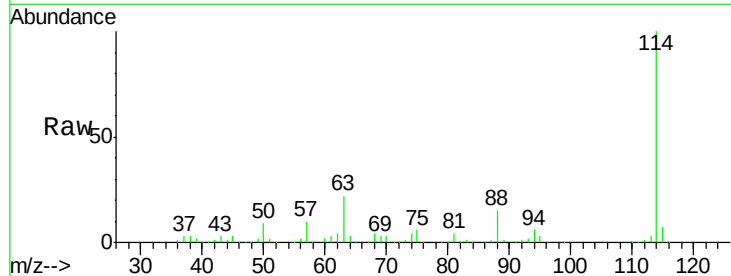




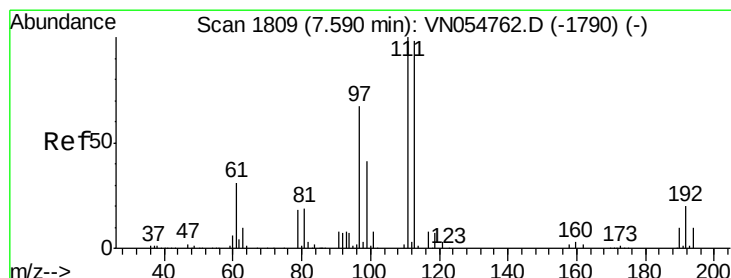
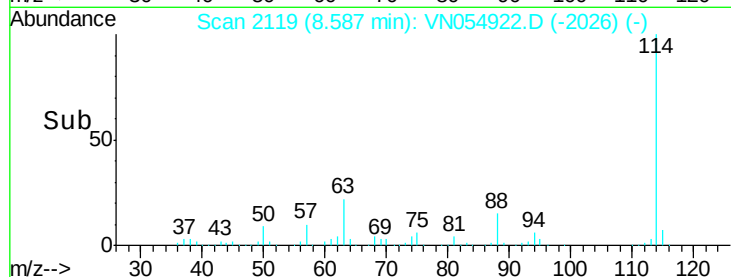
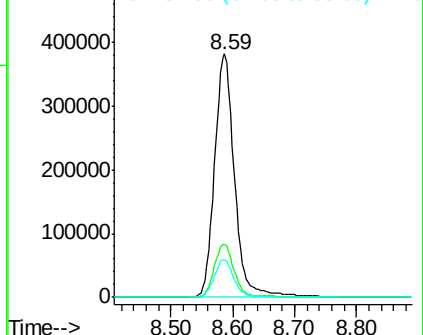
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054922.D
 Acq: 3 Apr 2019 13:22

Instrument :
 MSVOA_N
 ClientSampleId :
 S2B(10)

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	35.2
88	15.5	0.0	30.2

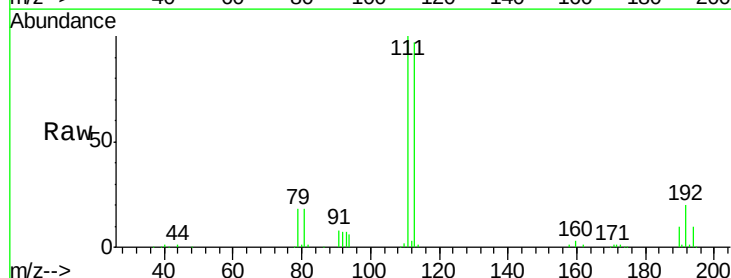


Abundance Ion 113.90 (113.60 to 114.60): V

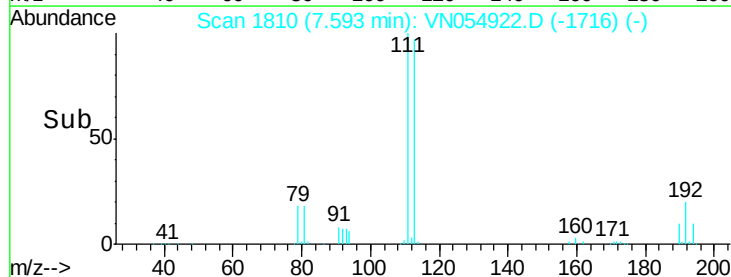
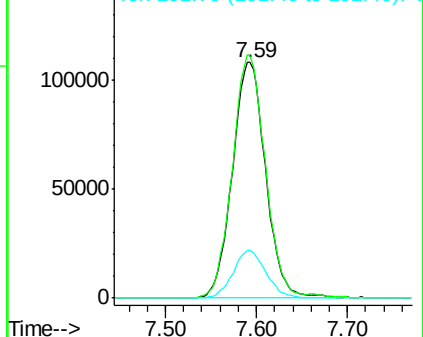


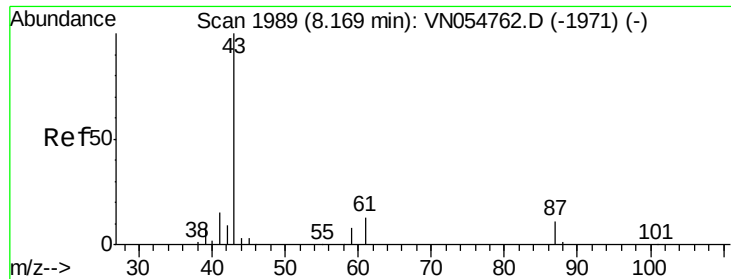
#35
 Dibromofluoromethane
 Concen: 48.041 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054922.D
 Acq: 3 Apr 2019 13:22

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.2	123.4
192	20.1	19.2	28.8



Abundance Ion 112.80 (112.50 to 113.50): V





#43

Isopropyl Acetate

Concen: 1.671 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054922.D

Acq: 3 Apr 2019 13:22

Instrument :

MSVOA_N

ClientSampleId :

S2B(10)

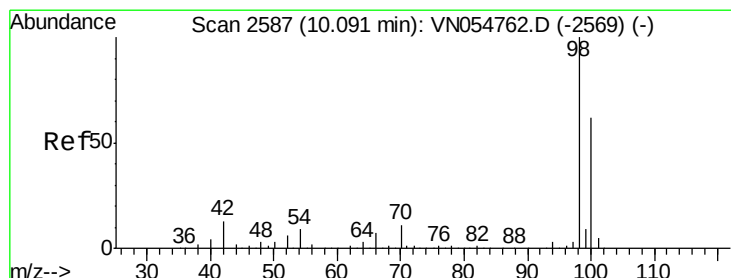
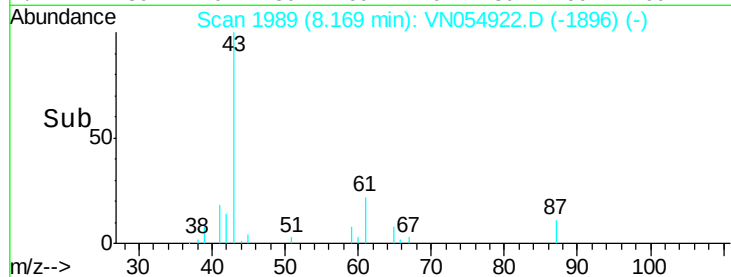
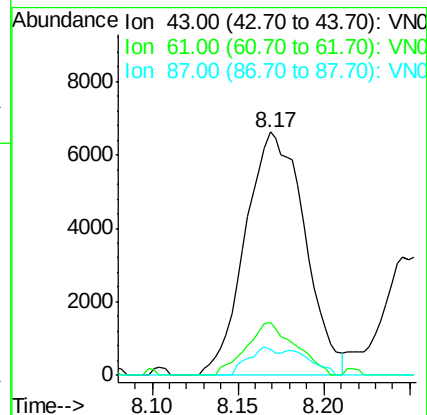
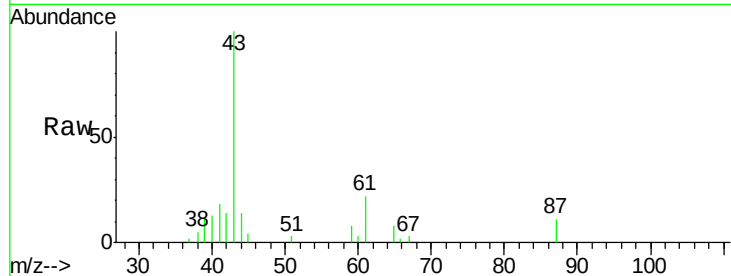
Tot Ion: 43 Resp: 15893

Ion Ratio Lower Upper

43 100

61 18.0 15.8 23.8

87 6.1 12.0 18.0#



#50

Toluene-d8

Concen: 48.559 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054922.D

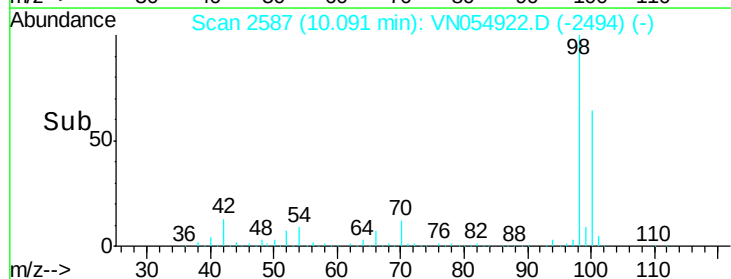
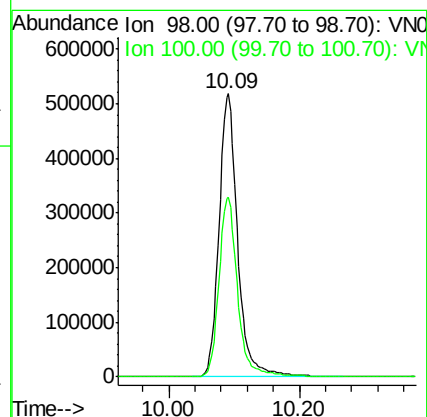
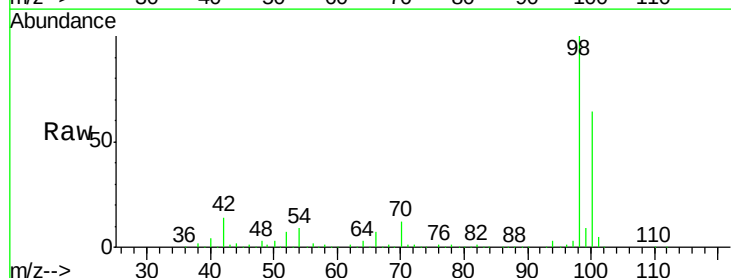
Acq: 3 Apr 2019 13:22

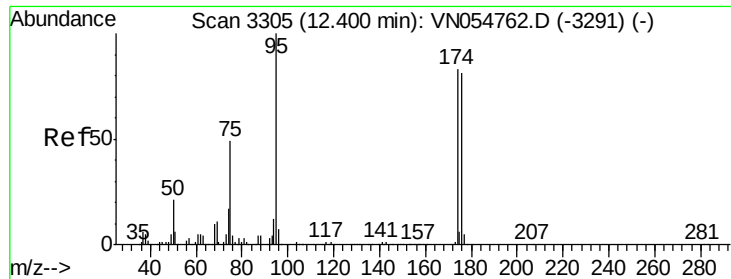
Tgt Ion: 98 Resp: 1030867

Ion Ratio Lower Upper

98 100

100 63.7 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 43.206 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054922.D

Acq: 3 Apr 2019 13:22

Instrument :

MSVOA_N

ClientSampleId :

S2B(10)

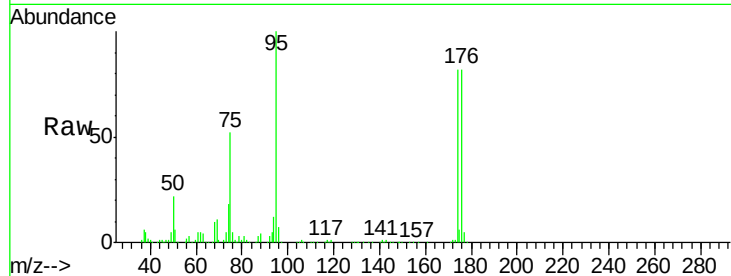
Tot Ion: 95 Resp: 305049

Ion Ratio Lower Upper

95 100

174 84.4 0.0 191.0

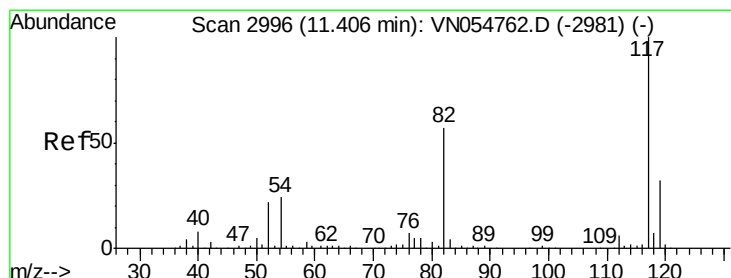
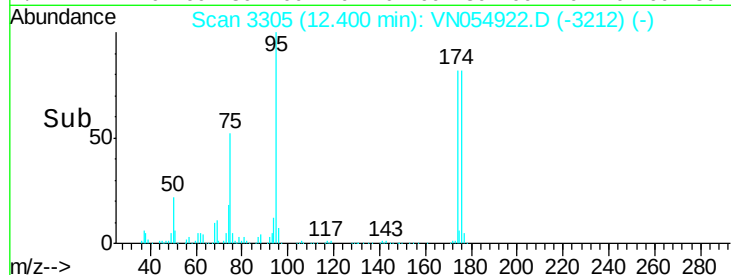
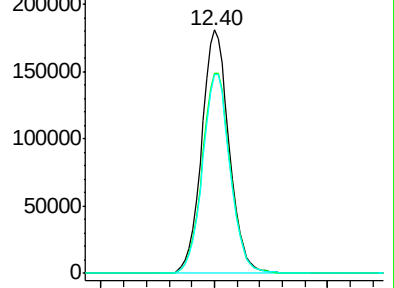
176 82.1 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054922.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN054922.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN054922.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054922.D

Acq: 3 Apr 2019 13:22

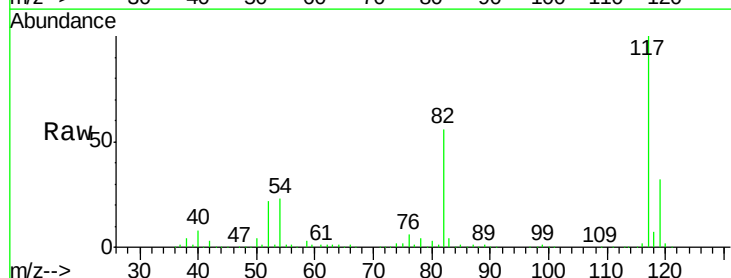
Tgt Ion: 117 Resp: 722714

Ion Ratio Lower Upper

117 100

82 55.8 40.0 60.0

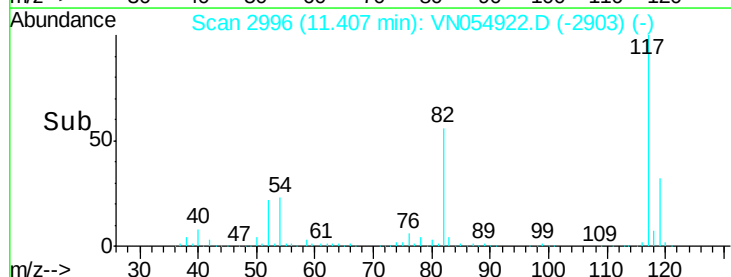
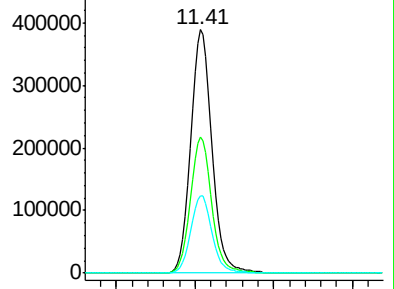
119 31.9 25.8 38.6

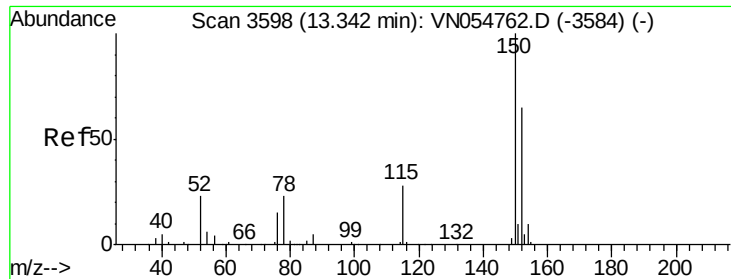


Abundance Ion 116.90 (116.60 to 117.60): VN054922.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN054922.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054922.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054922.D

Acq: 3 Apr 2019 13:22

Instrument :

MSVOA_N

ClientSampleId :

S2B(10)

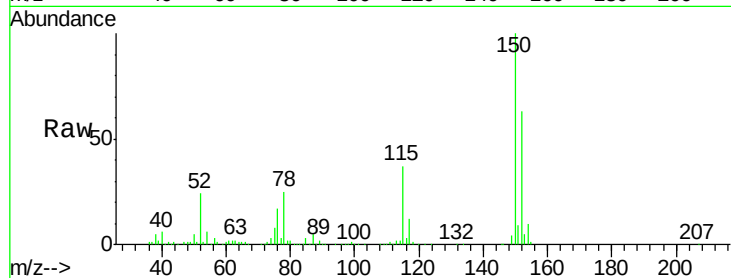
Tot Ion:152 Resp: 247925

Ion Ratio Lower Upper

152 100

115 57.4 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

