

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040319\
 Data File : VN054921.D
 Acq On : 3 Apr 2019 12:56
 Operator : JC/SP
 Sample : K2221-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S10B(10)

Quant Time: Apr 04 02:08:54 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

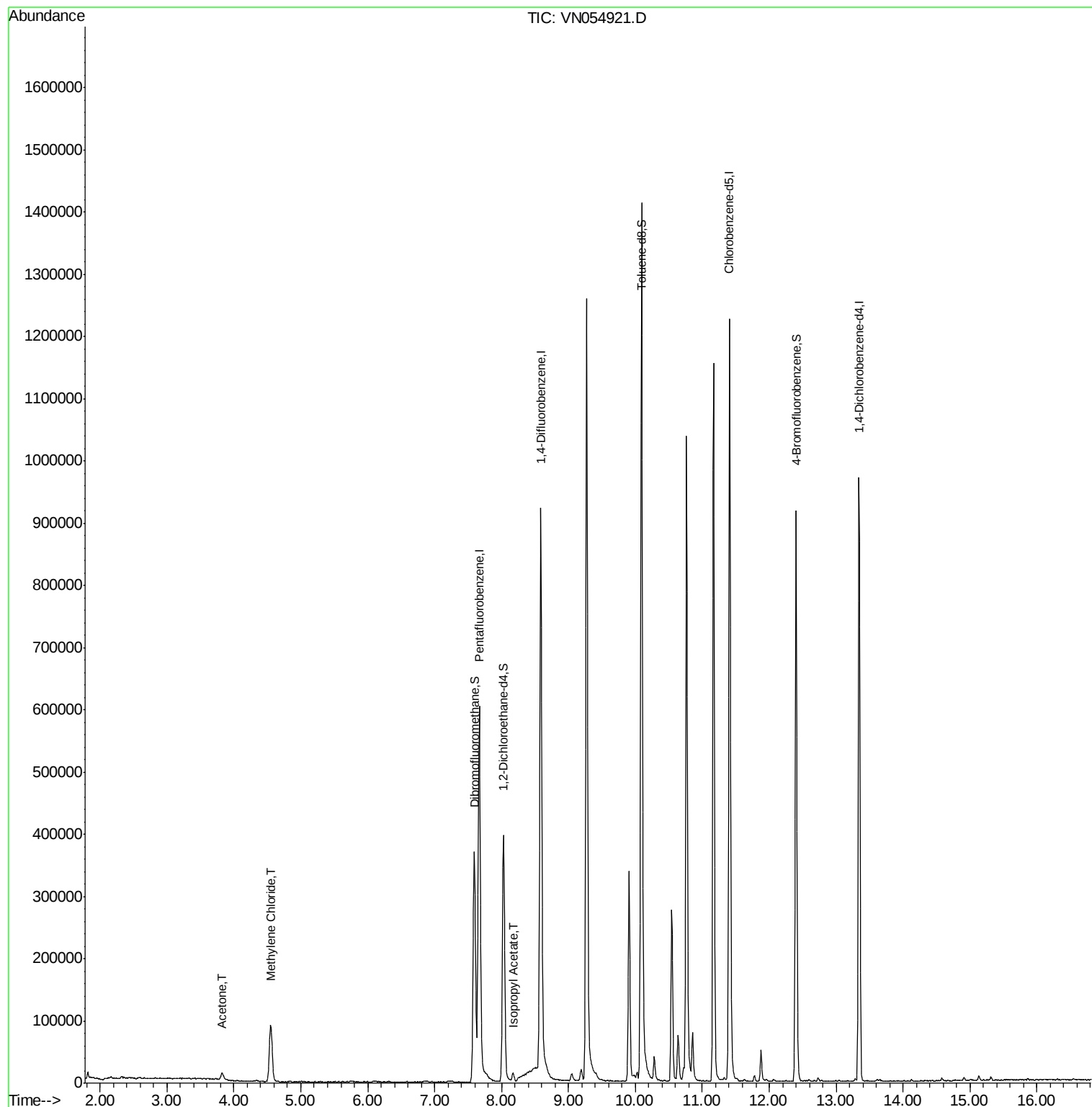
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	510069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	866739	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	732062	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	261604	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	346753	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
35) Dibromofluoromethane	7.59	113	276136	47.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.58%	
50) Toluene-d8	10.09	98	1036569	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
62) 4-Bromofluorobenzene	12.40	95	318234	44.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.08%	
Target Compounds						
16) Acetone	3.83	43	16994	10.364	ug/l	91
20) Methylene Chloride	4.55	84	62090	10.735	ug/l #	85
43) Isopropyl Acetate	8.17	43	16968	1.763	ug/l #	94

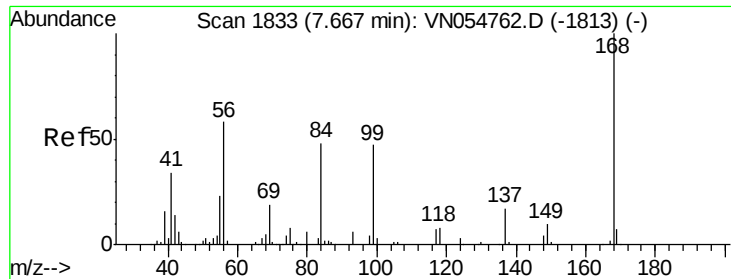
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054921.D

Acq: 3 Apr 2019 12:56

Instrument :

MSVOA_N

ClientSampleId :

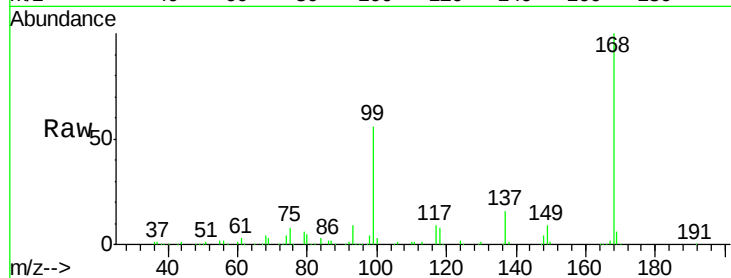
S10B(10)

Tot Ion:168 Resp: 510069

Ion Ratio Lower Upper

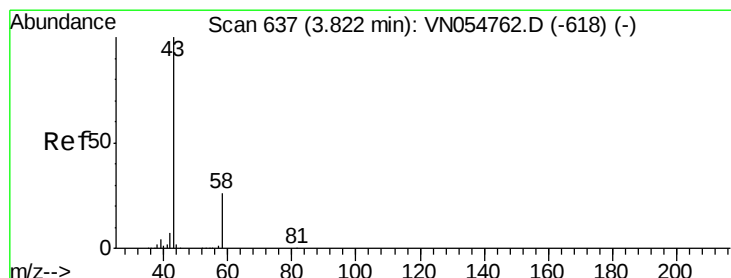
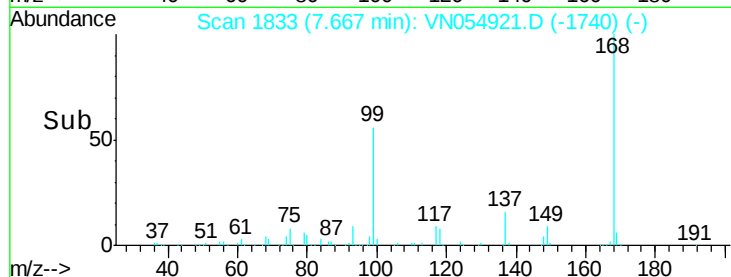
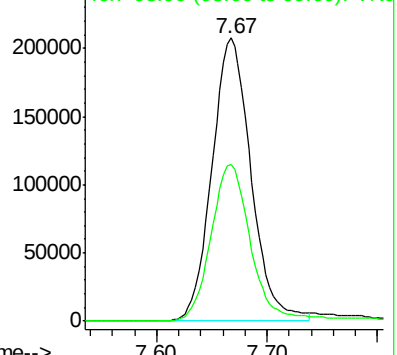
168 100

99 55.5 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 10.364 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN054921.D

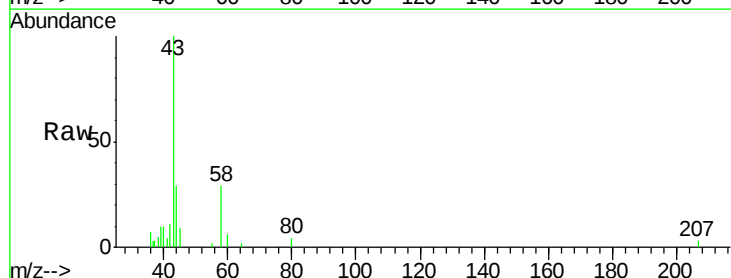
Acq: 3 Apr 2019 12:56

Tgt Ion: 43 Resp: 16994

Ion Ratio Lower Upper

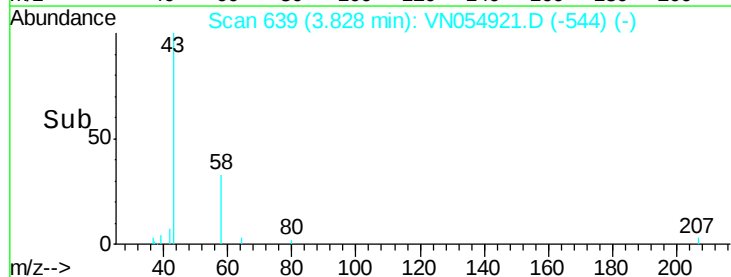
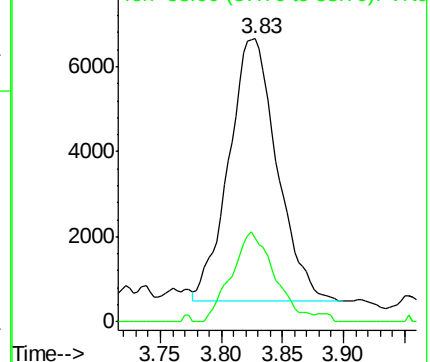
43 100

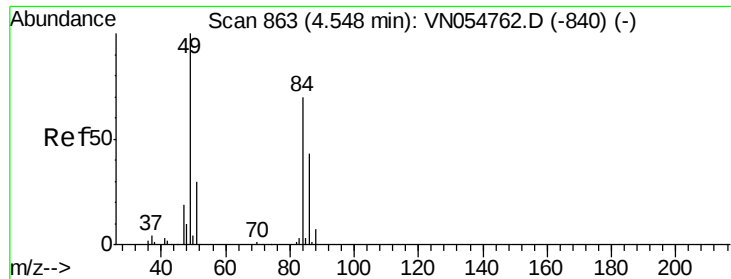
58 31.8 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

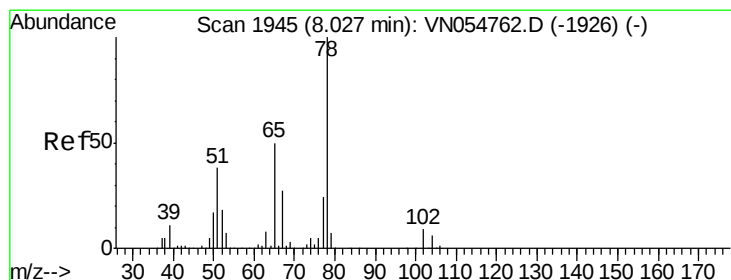
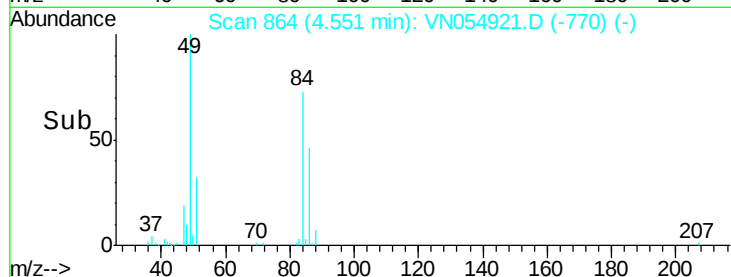
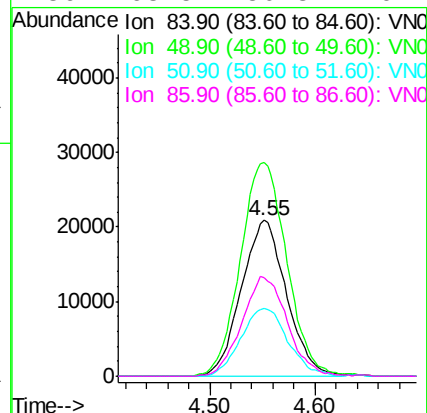
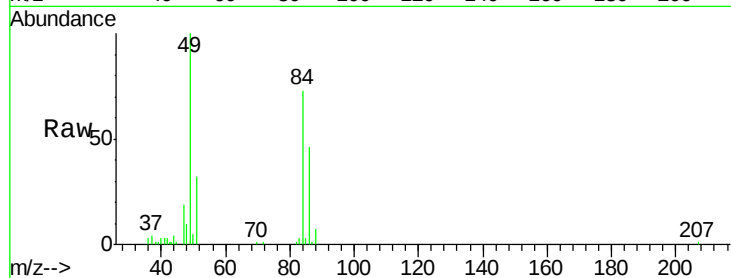




#20
Methvlene Chloride
Concen: 10.735 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN054921.D
Acq: 3 Apr 2019 12:56

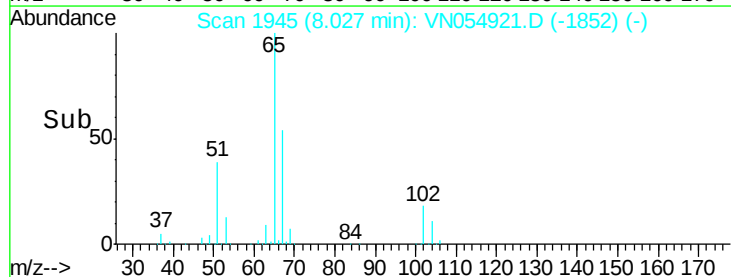
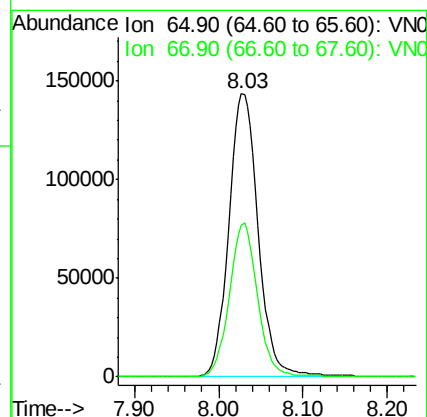
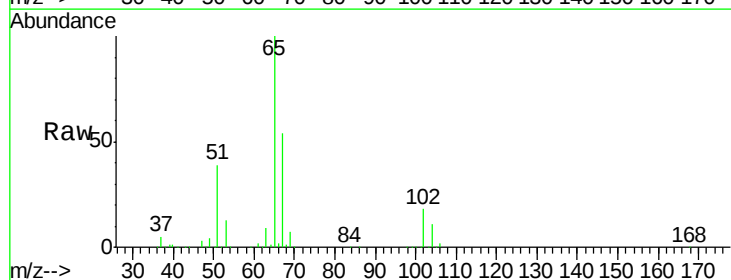
Instrument :
MSVOA_N
ClientSampled :
S10B(10)

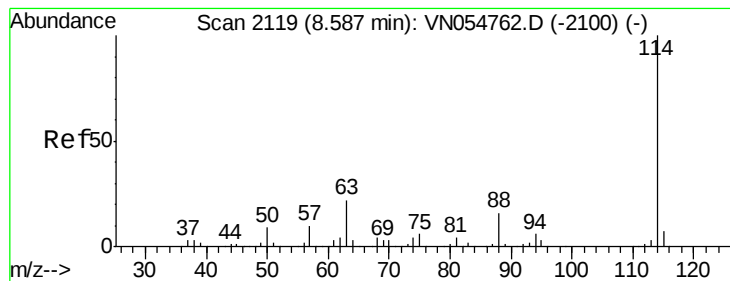
Tot Ion: 84 Resp: 62090
Ion Ratio Lower Upper
84 100
49 137.2 89.7 134.5#
51 43.4 28.2 42.4#
86 63.5 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 50.431 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054921.D
Acq: 3 Apr 2019 12:56

Tgt Ion: 65 Resp: 346753
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054921.D

Acq: 3 Apr 2019 12:56

Instrument :

MSVOA_N

ClientSampleId :

S10B(10)

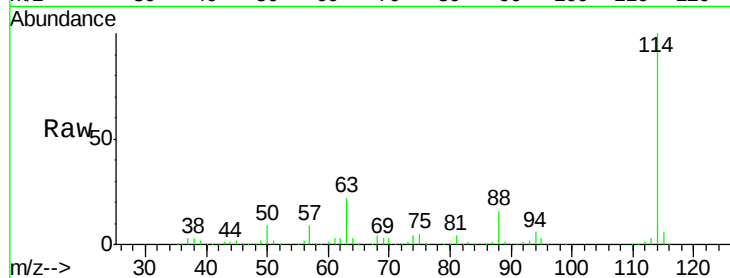
Tot Ion:114 Resp: 866739

Ion Ratio Lower Upper

114 100

63 22.2 0.0 35.2

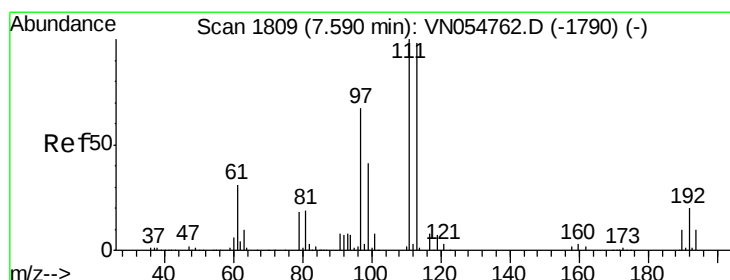
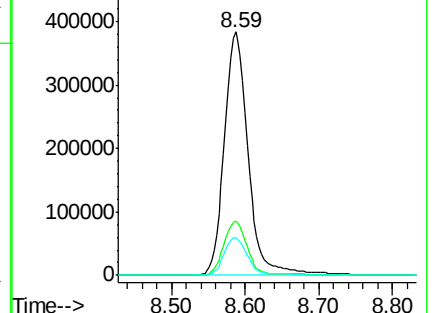
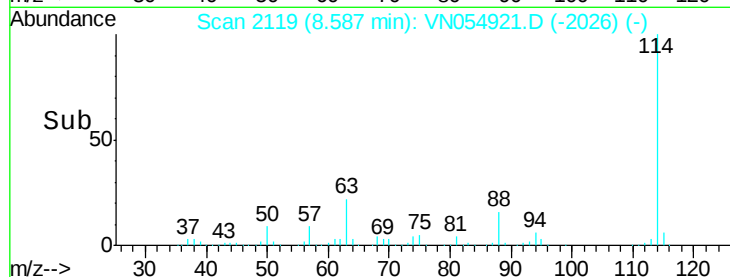
88 15.7 0.0 30.2



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: 47.787 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054921.D

Acq: 3 Apr 2019 12:56

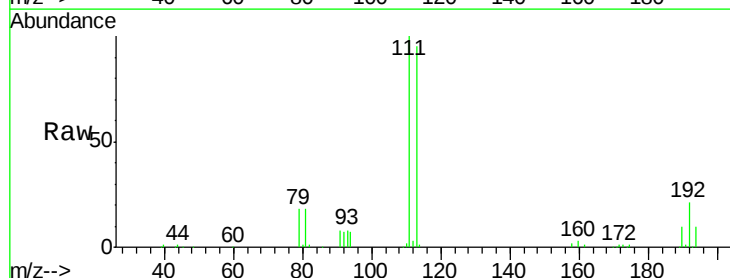
Tgt Ion:113 Resp: 276136

Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

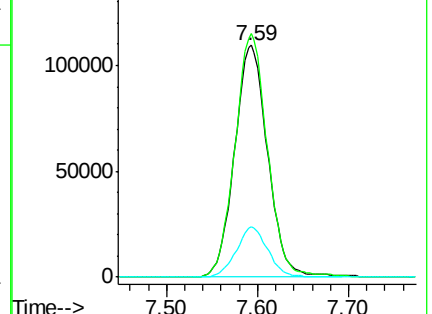
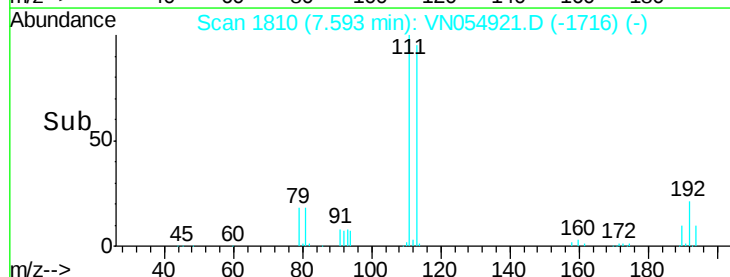
192 20.6 19.2 28.8

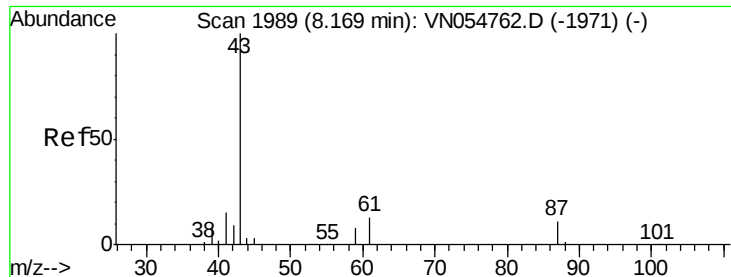


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.763 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN054921.D

Acq: 3 Apr 2019 12:56

Instrument :

MSVOA_N

ClientSampleId :

S10B(10)

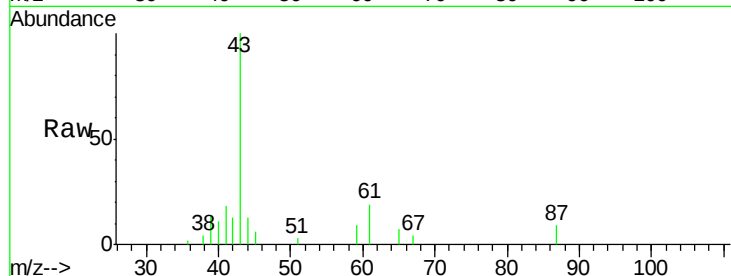
Tot Ion: 43 Resp: 16968

Ion Ratio Lower Upper

43 100

61 18.7 15.8 23.8

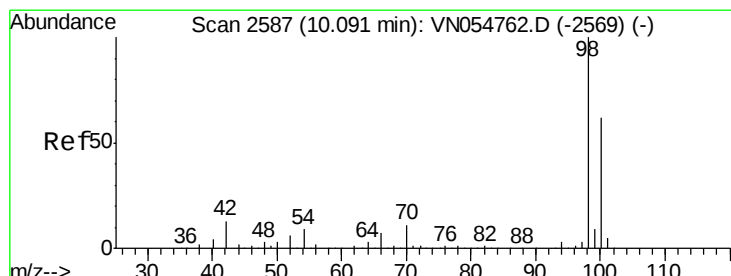
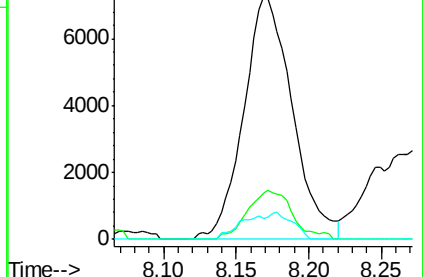
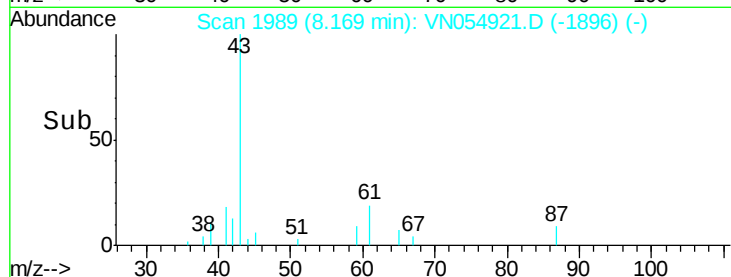
87 11.0 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN054921.D (-1896) (-)

Ion 61.00 (60.70 to 61.70): VN054921.D (-1896) (-)

Ion 87.00 (86.70 to 87.70): VN054921.D (-1896) (-)



#50

Toluene-d8

Concen: 48.250 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054921.D

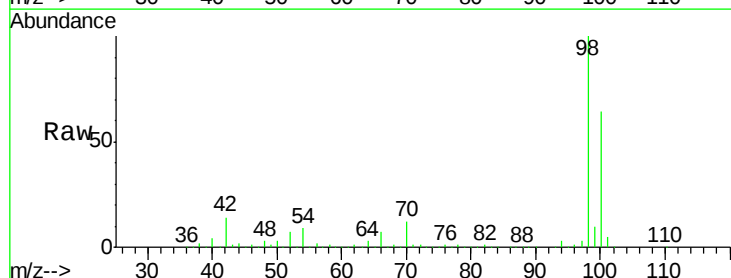
Acq: 3 Apr 2019 12:56

Tgt Ion: 98 Resp: 1036569

Ion Ratio Lower Upper

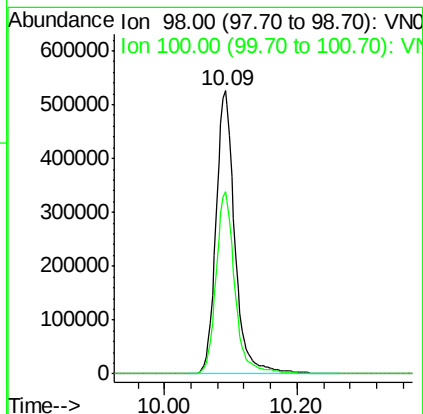
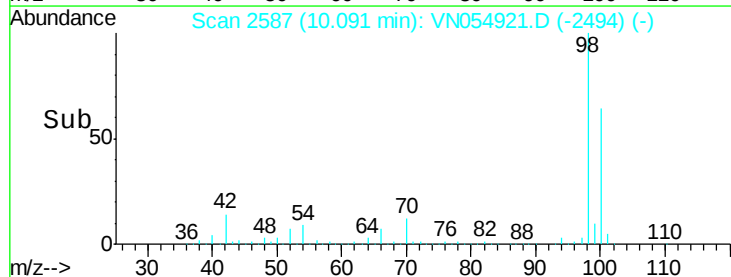
98 100

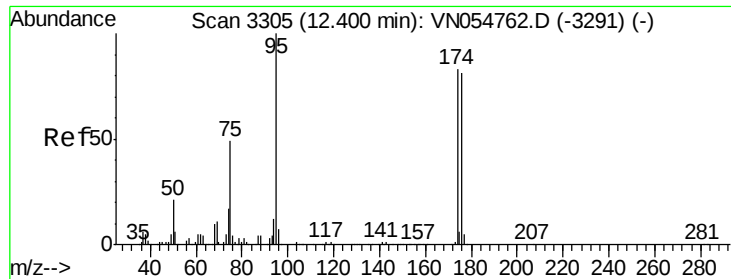
100 64.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054921.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN054921.D (-2494) (-)

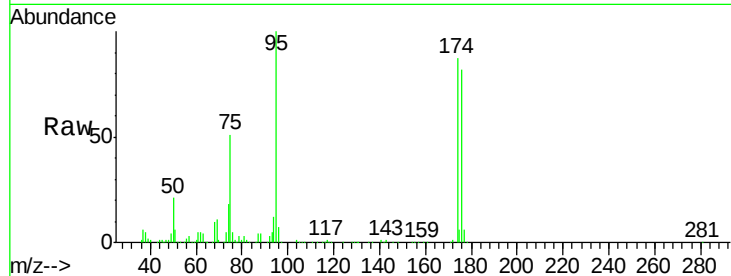




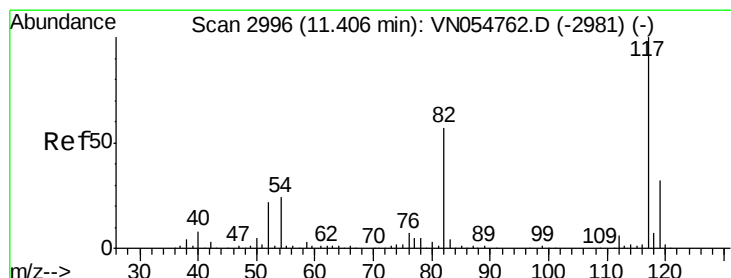
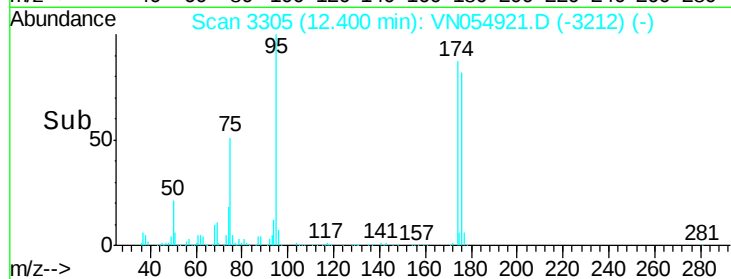
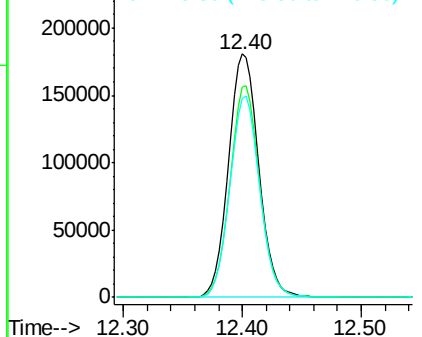
#62
4-Bromofluorobenzene
Concen: 44.541 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054921.D
Acq: 3 Apr 2019 12:56

Instrument :
MSVOA_N
ClientSampleId :
S10B(10)

Tot Ion: 95 Resp: 318234
Ion Ratio Lower Upper
95 100
174 84.9 0.0 191.0
176 81.6 0.0 187.4

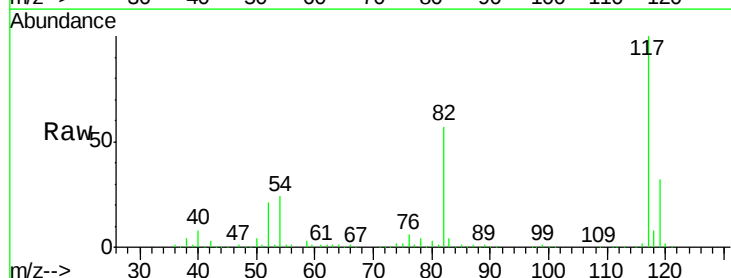


Abundance Ion 94.90 (94.60 to 95.60): VN054762.D (-3291) (-)
Ion 173.80 (173.50 to 174.50): VN054762.D (-3291) (-)
Ion 175.80 (175.50 to 176.50): VN054762.D (-3291) (-)

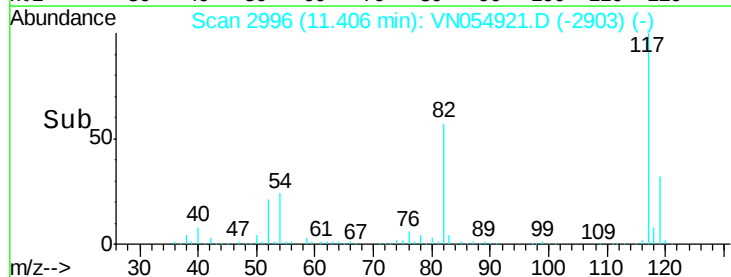
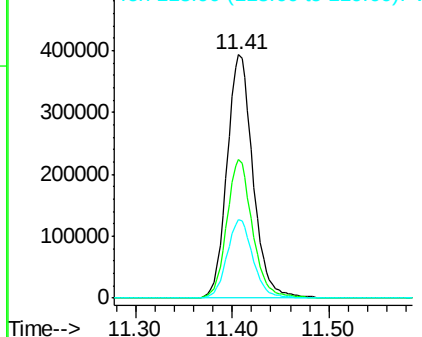


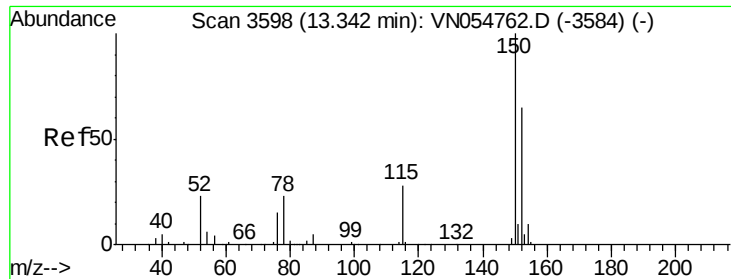
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054921.D
Acq: 3 Apr 2019 12:56

Tgt Ion: 117 Resp: 732062
Ion Ratio Lower Upper
117 100
82 57.2 40.0 60.0
119 32.2 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VN054762.D (-2981) (-)
Ion 82.00 (81.70 to 82.70): VN054762.D (-2981) (-)
Ion 118.90 (118.60 to 119.60): VN054762.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054921.D

Acq: 3 Apr 2019 12:56

Instrument :

MSVOA_N

ClientSampleId :

S10B(10)

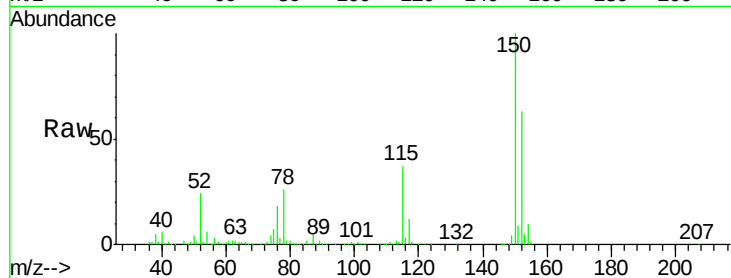
Tot Ion:152 Resp: 261604

Ion Ratio Lower Upper

152 100

115 58.4 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

