

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010319\
 Data File : VN053258.D
 Acq On : 3 Jan 2019 13:23
 Operator : MD\SY
 Sample : PB116111ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116111ZHE#03

Quant Time: Jan 04 07:17:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

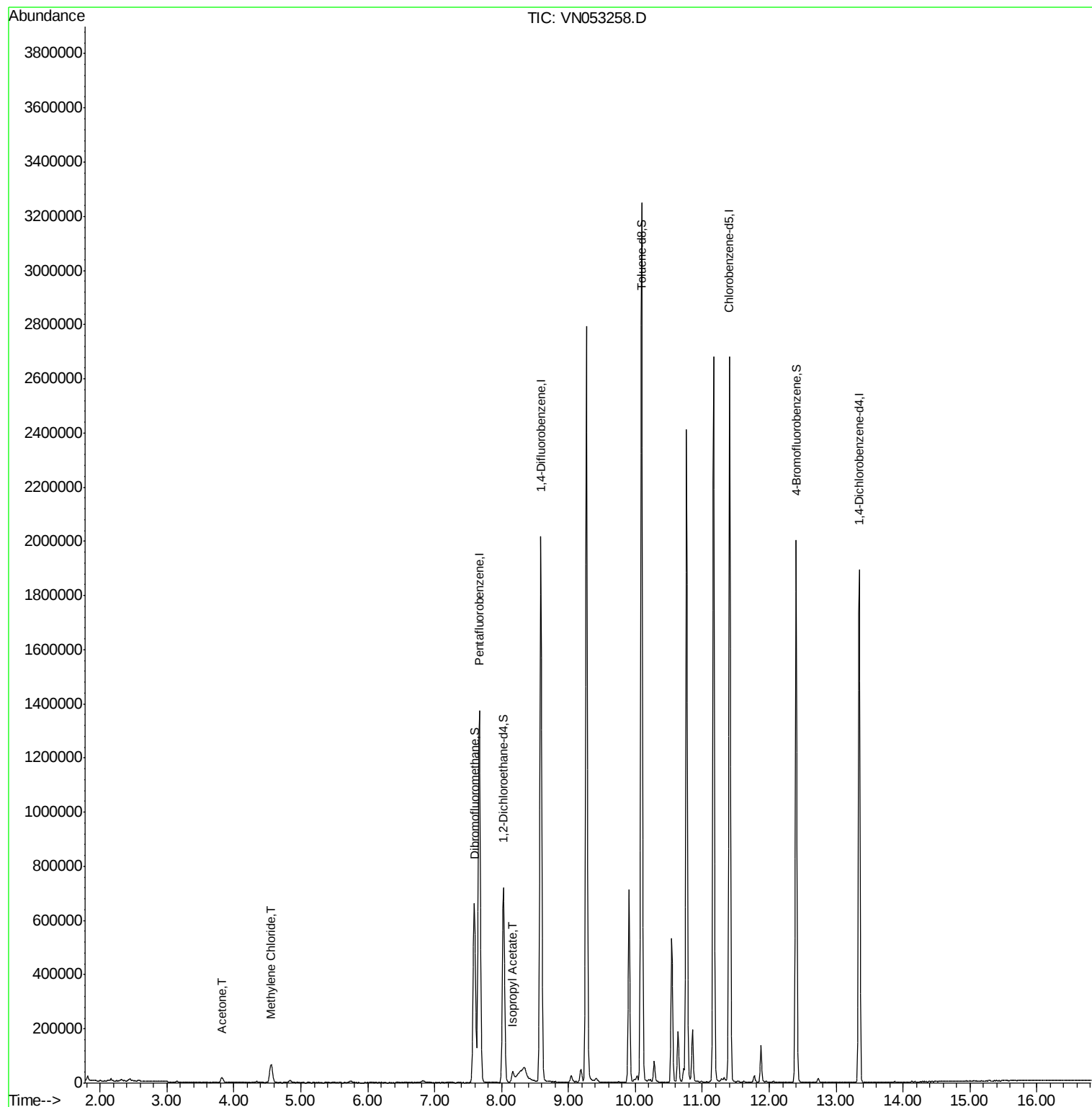
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1218345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1878802	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1645593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	544880	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	593542	48.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.02%	
35) Dibromofluoromethane	7.59	113	513391	59.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.64%	
50) Toluene-d8	10.09	98	2303854	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
62) 4-Bromofluorobenzene	12.40	95	694912	42.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.92%	
Target Compounds						
16) Acetone	3.81	43	32602	13.449	ug/l	100
20) Methylene Chloride	4.55	84	52828	3.995	ug/l	98
43) Isopropyl Acetate	8.17	43	55478	1.842	ug/l #	84

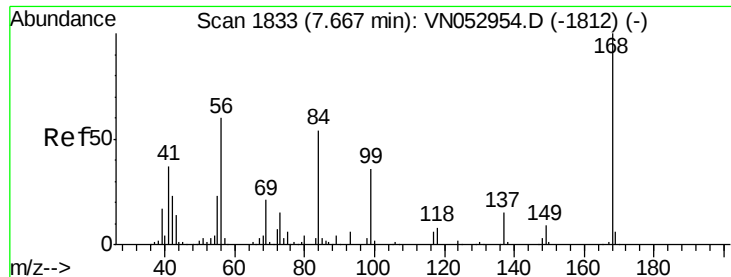
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053258.D

Acq: 3 Jan 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

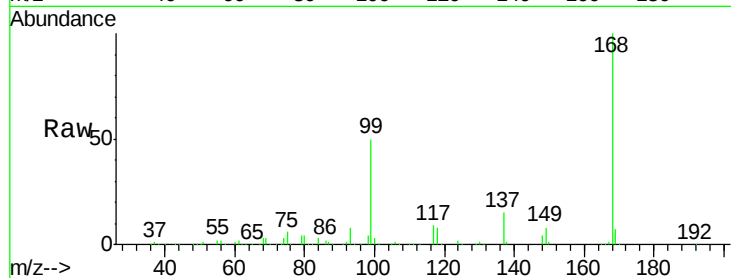
PB116111ZHE#03

Tot Ion:168 Resp: 1218345

Ion Ratio Lower Upper

168 100

99 49.6 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

600000

500000

400000

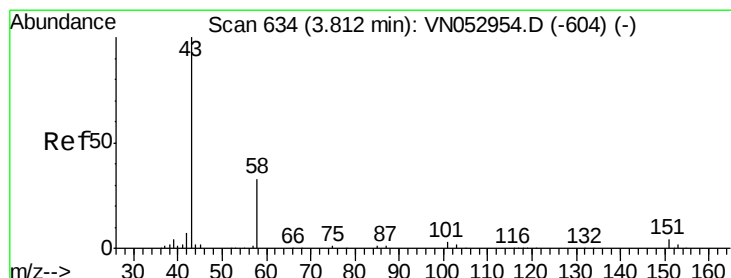
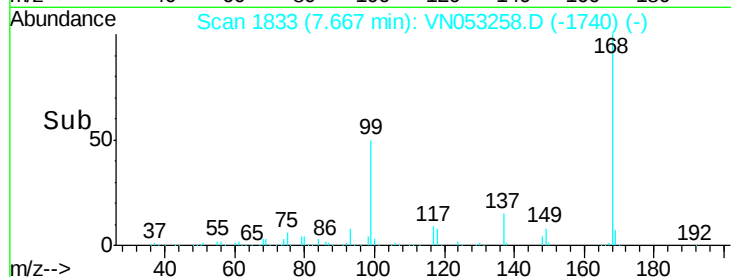
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 13.449 ug/l

RT: 3.81 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053258.D

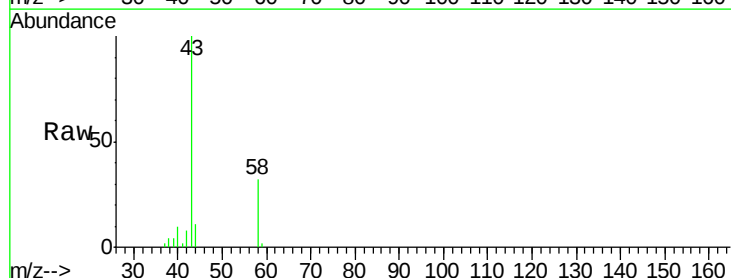
Acq: 3 Jan 2019 13:23

Tgt Ion: 43 Resp: 32602

Ion Ratio Lower Upper

43 100

58 31.7 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.81

12000

10000

8000

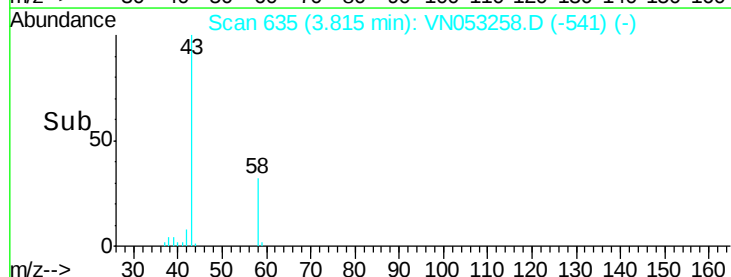
6000

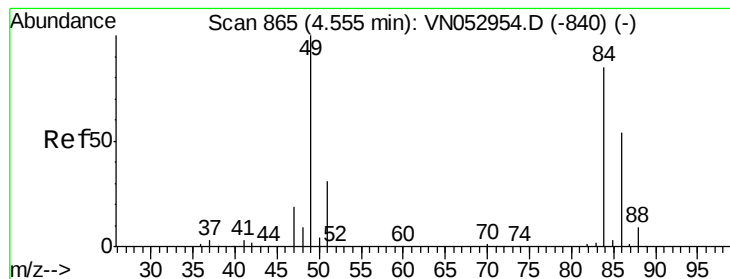
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 3.995 ug/l

RT: 4.55 min Scan# 865

Delta R.T. -0.00 min

Lab File: VN053258.D

Acq: 3 Jan 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

PB116111ZHE#03

Tot Ion: 84 Resp: 52828

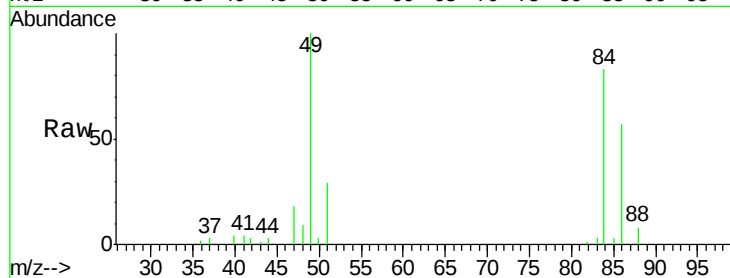
Ion Ratio Lower Upper

84 100

49 119.8 96.8 145.2

51 35.3 29.9 44.9

86 68.2 51.8 77.6

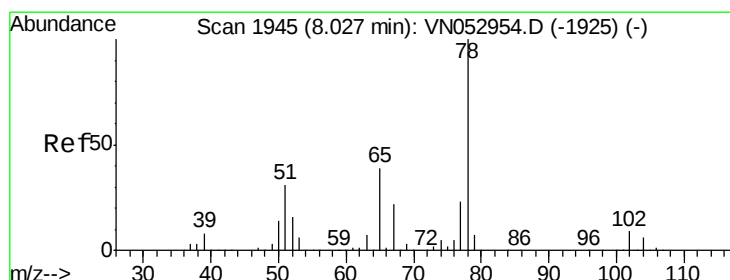
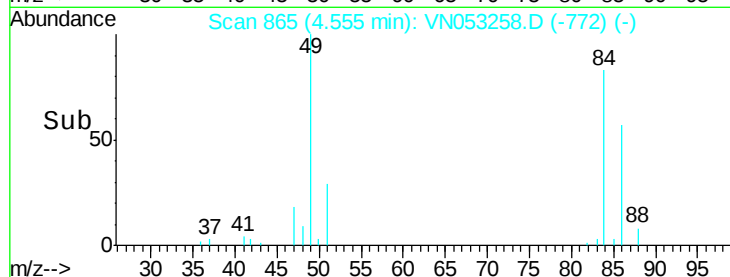
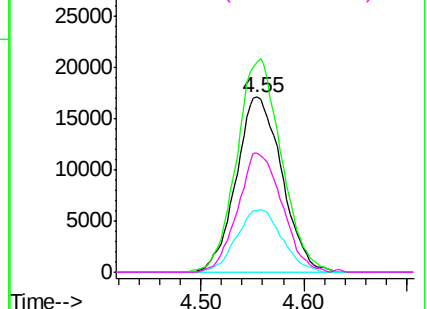


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN053258.D

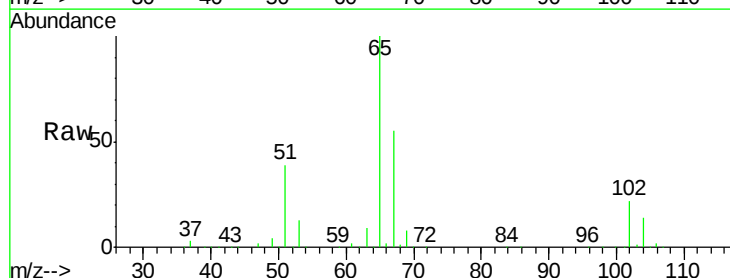
Acq: 3 Jan 2019 13:23

Tgt Ion: 65 Resp: 593542

Ion Ratio Lower Upper

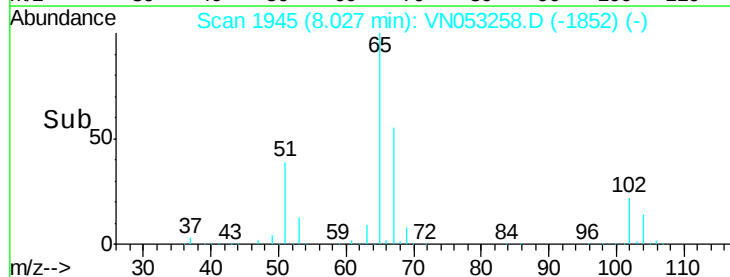
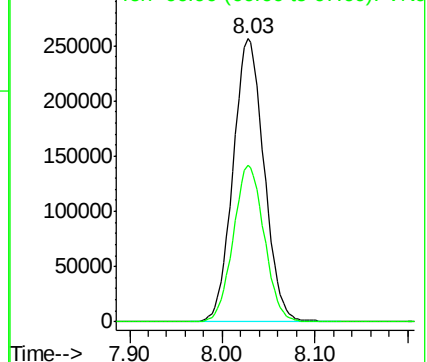
65 100

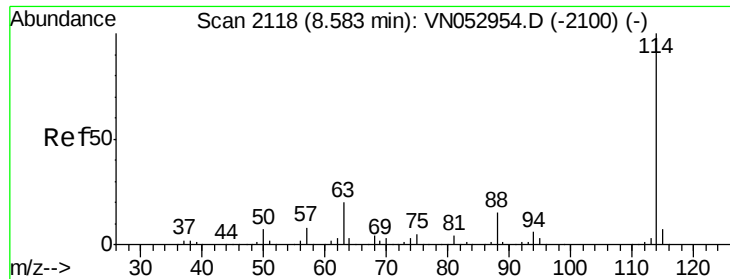
67 55.0 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

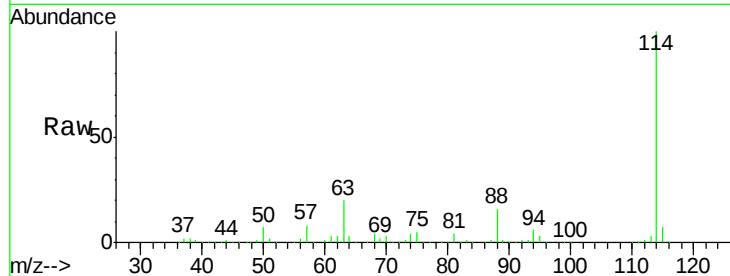




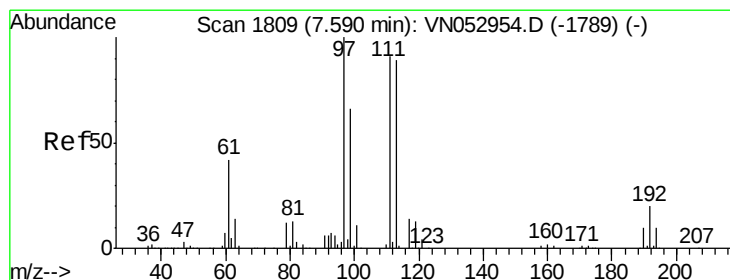
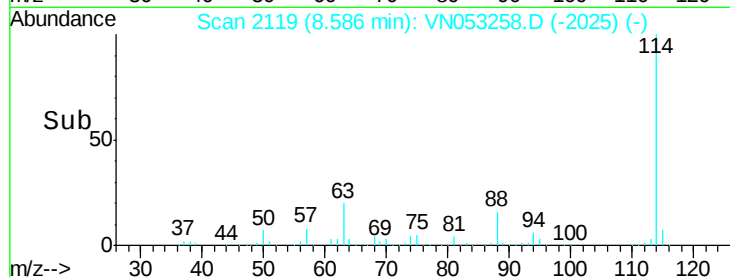
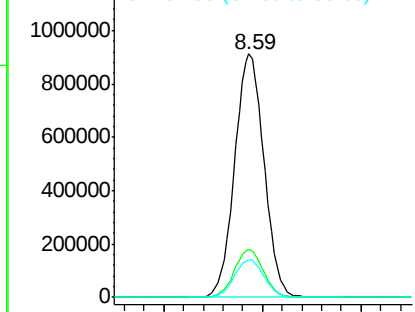
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053258.D
Acq: 3 Jan 2019 13:23

Instrument :
MSVOA_N
ClientSampleId :
PB116111ZHE#03

Tot Ion:114 Resp: 1878802
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.8
88 15.5 0.0 31.0

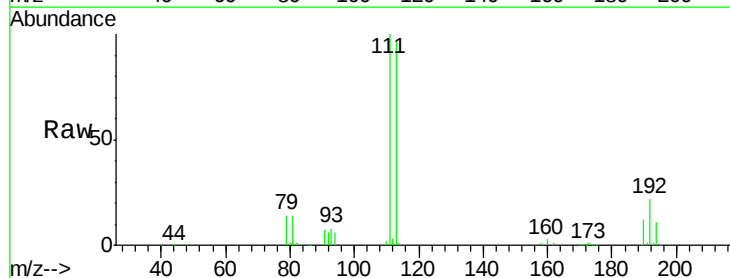


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

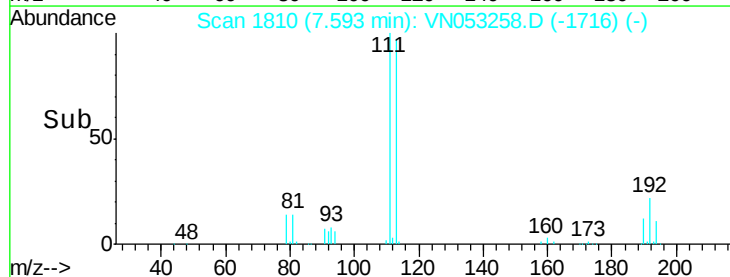
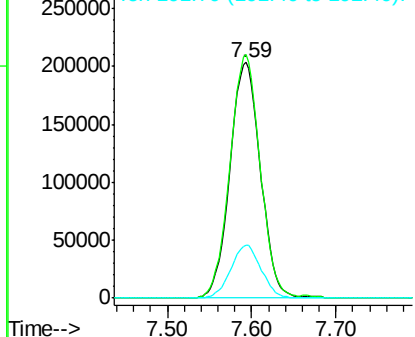


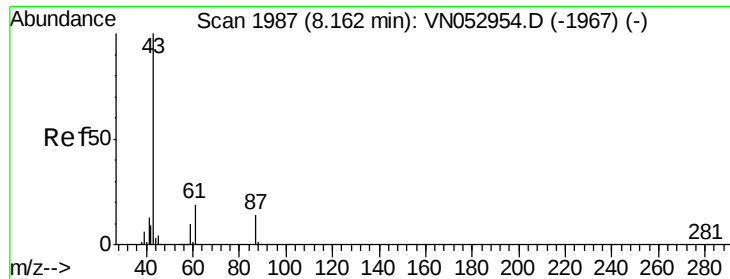
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053258.D
Acq: 3 Jan 2019 13:23

Tgt Ion:113 Resp: 513391
Ion Ratio Lower Upper
113 100
111 101.7 83.0 124.4
192 22.2 17.5 26.3



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: 1.842 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053258.D

Acq: 3 Jan 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

PB116111ZHE#03

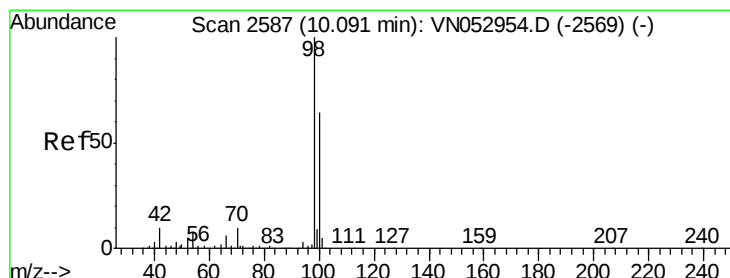
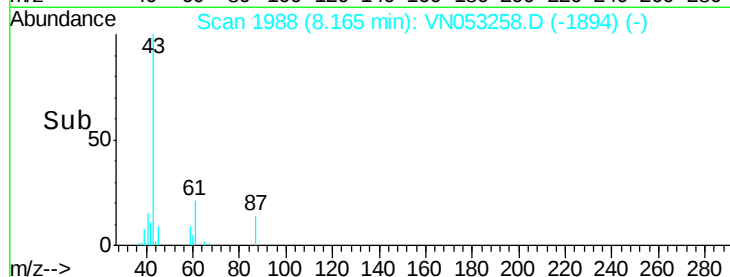
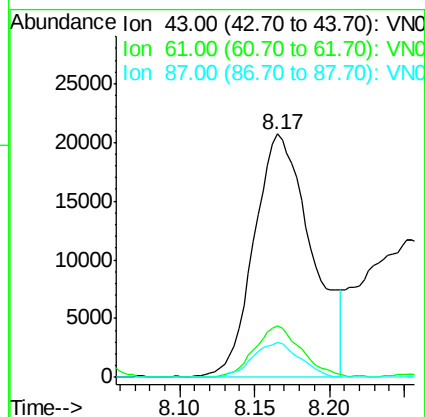
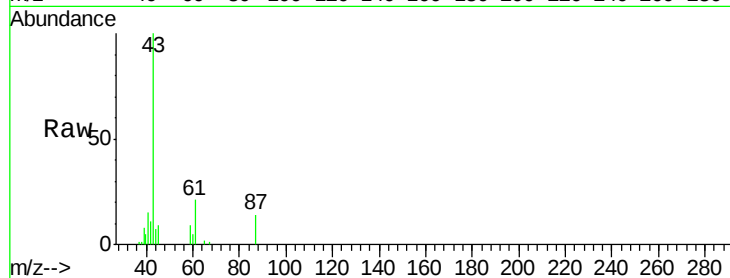
Tot Ion: 43 Resp: 55478

Ion Ratio Lower Upper

43 100

61 17.2 22.9 34.3#

87 11.7 10.6 15.8



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053258.D

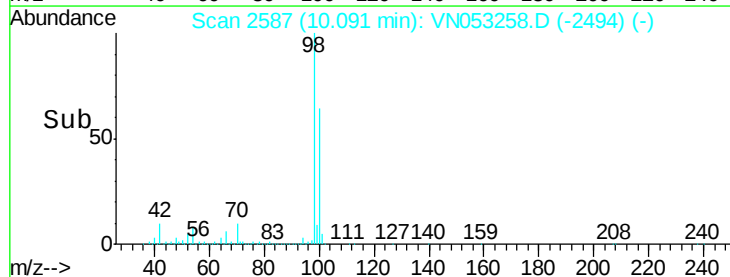
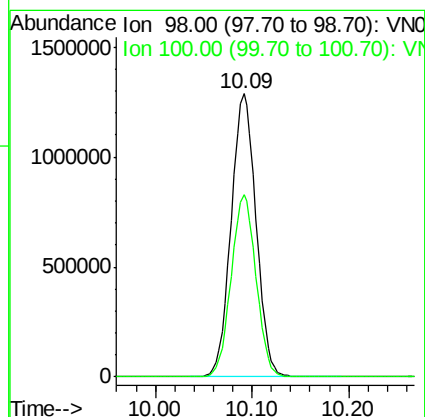
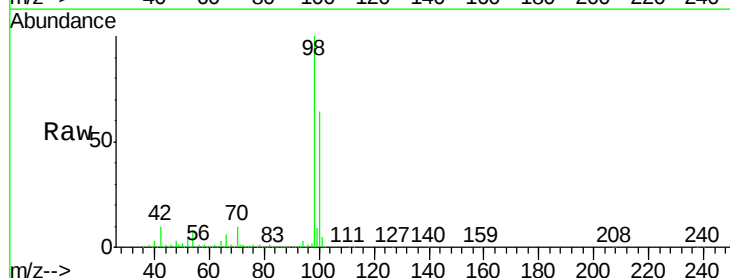
Acq: 3 Jan 2019 13:23

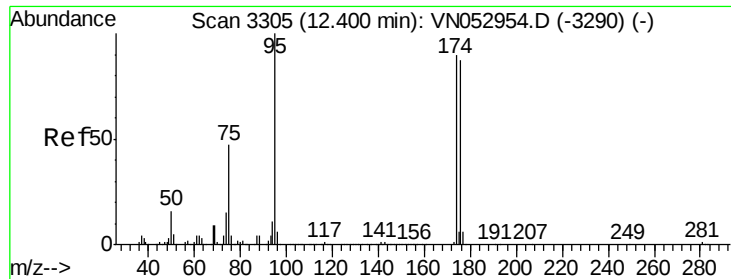
Tgt Ion: 98 Resp: 2303854

Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053258.D

Acq: 3 Jan 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

PB116111ZHE#03

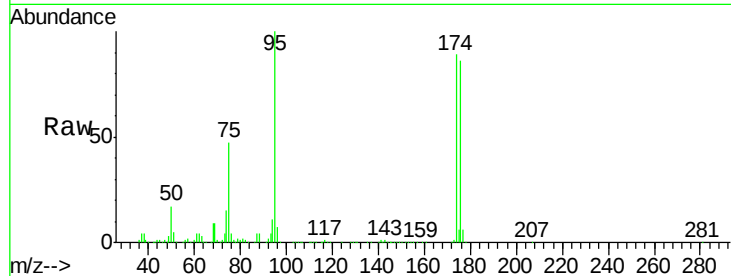
Tot Ion: 95 Resp: 694912

Ion Ratio Lower Upper

95 100

174 90.7 0.0 178.8

176 87.0 0.0 173.8

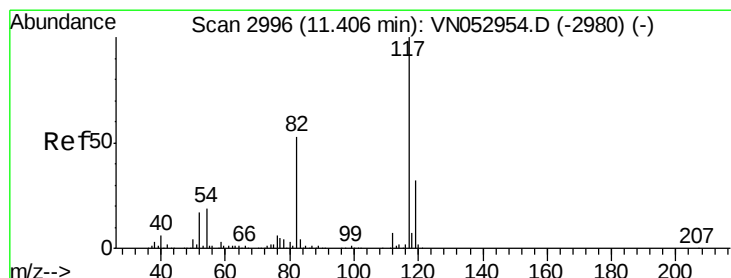
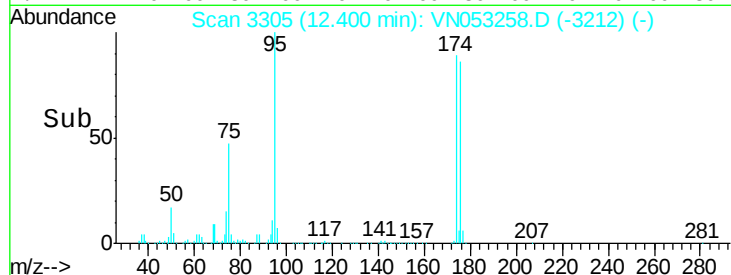


Abundance Ion 94.90 (94.60 to 95.60): VN053258.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN053258.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN053258.D (-3290) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN053258.D

Acq: 3 Jan 2019 13:23

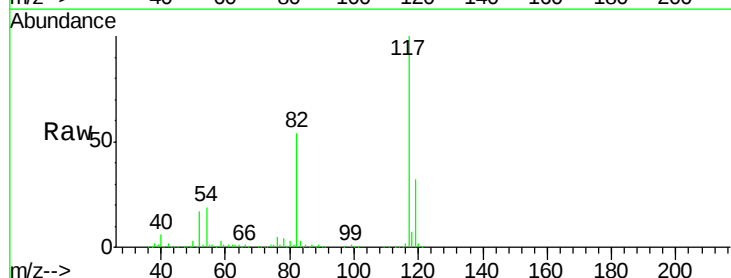
Tgt Ion: 117 Resp: 1645593

Ion Ratio Lower Upper

117 100

82 53.7 42.8 64.2

119 32.0 25.5 38.3

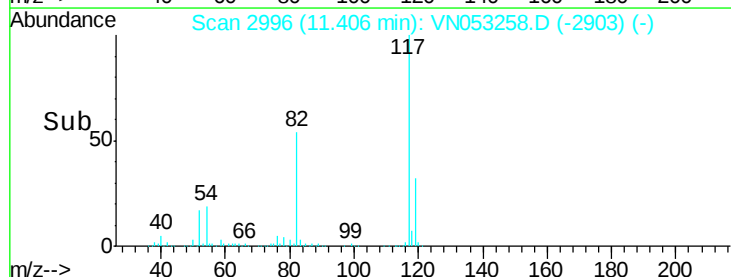


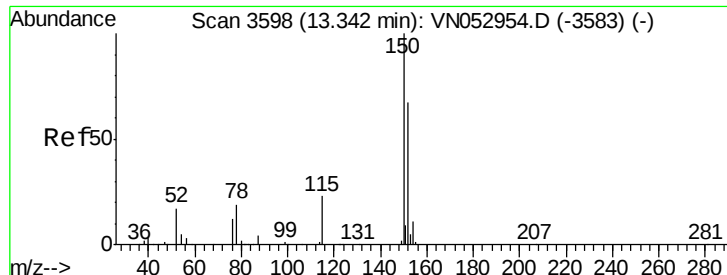
Abundance Ion 116.90 (116.60 to 117.60): VN053258.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053258.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053258.D (-2980) (-)

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053258.D

Acq: 3 Jan 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

PB116111ZHE#03

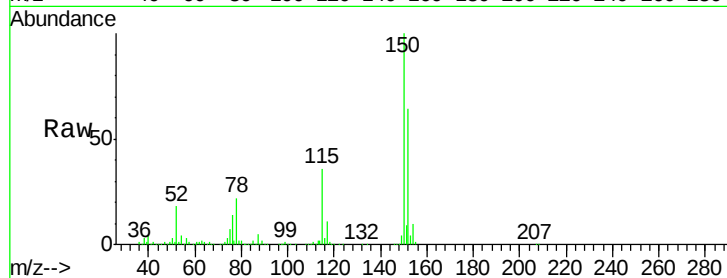
Tot Ion:152 Resp: 544880

Ion Ratio Lower Upper

152 100

115 56.6 28.3 85.0

150 157.6 0.0 347.8



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

