

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021519\
 Data File : VN053820.D
 Acq On : 16 Feb 2019 1:07
 Operator : JC/SP
 Sample : PB117124ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117124ZHE#05

Quant Time: Feb 16 05:57:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

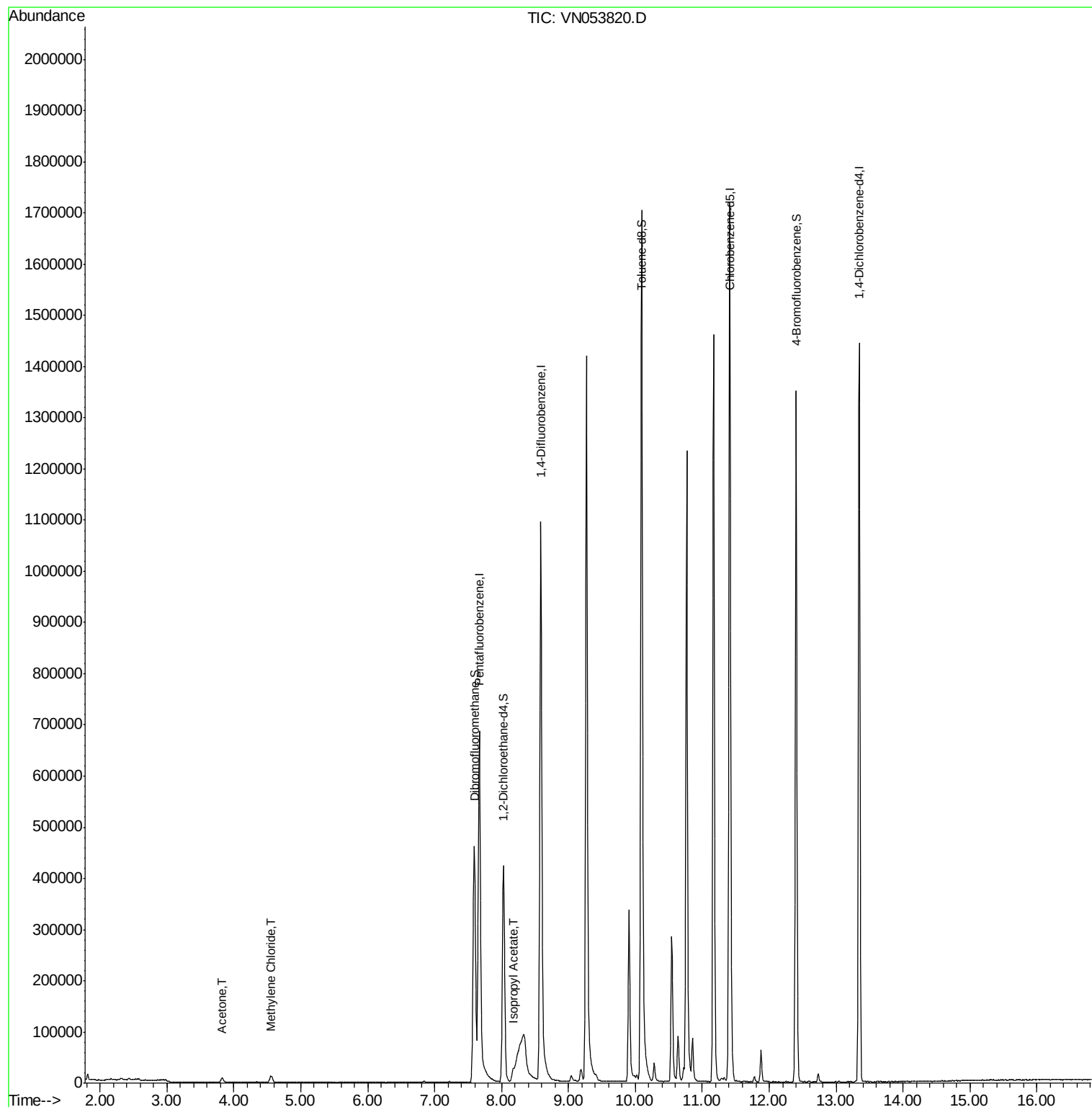
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	691525	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1159362	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1159562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	429497	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	366983	52.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.80%	
35) Dibromofluoromethane	7.59	113	365293	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
50) Toluene-d8	10.09	98	1405041	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
62) 4-Bromofluorobenzene	12.40	95	464306	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
Target Compounds						
16) Acetone	3.82	43	16238	9.125	ug/l	98
20) Methylene Chloride	4.56	84	10413	1.395	ug/l	88
43) Isopropyl Acetate	8.17	43	33005	2.928	ug/l #	79

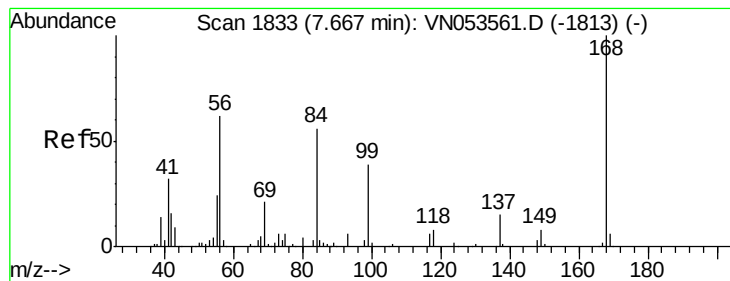
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021519\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN053820.D

Acq: 16 Feb 2019 1:07

Instrument :

MSVOA_N

ClientSampleId :

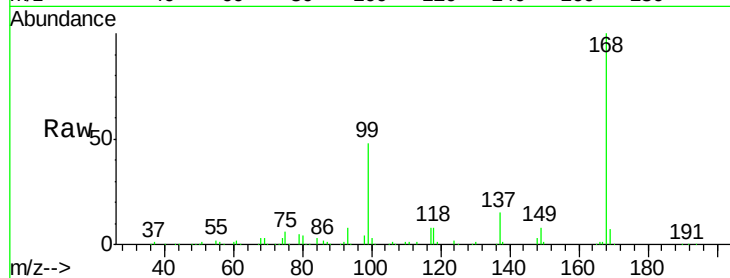
PB117124ZHE#05

Tot Ion:168 Resp: 691525

Ion Ratio Lower Upper

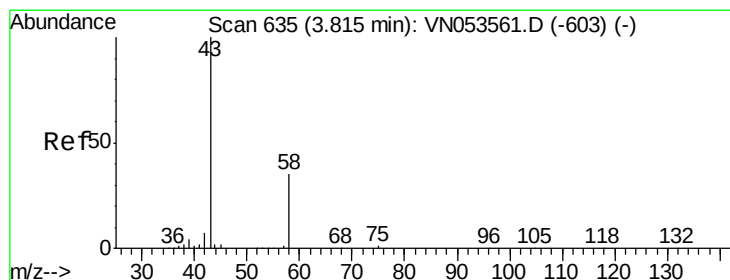
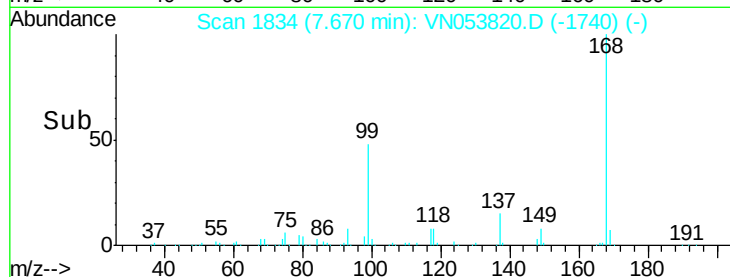
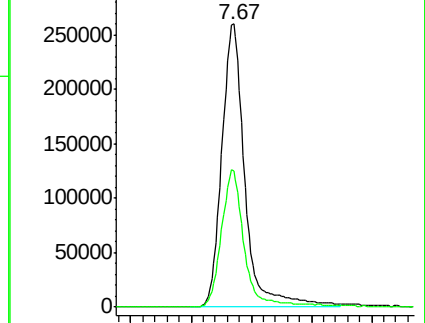
168 100

99 47.9 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 9.125 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053820.D

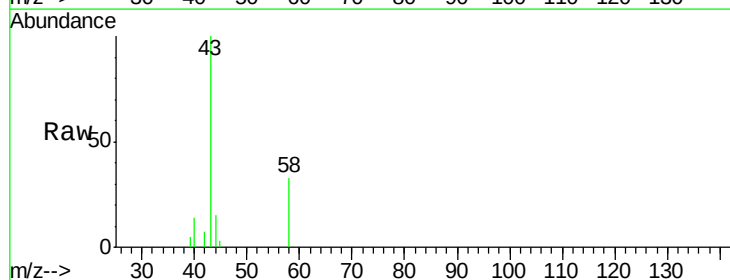
Acq: 16 Feb 2019 1:07

Tgt Ion: 43 Resp: 16238

Ion Ratio Lower Upper

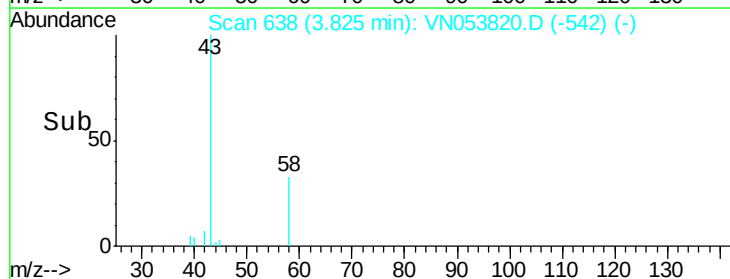
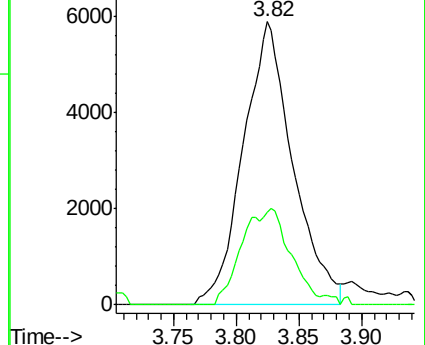
43 100

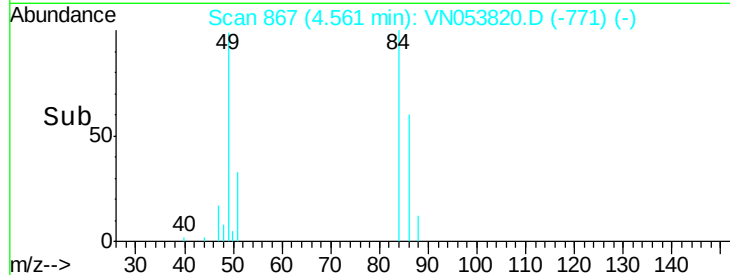
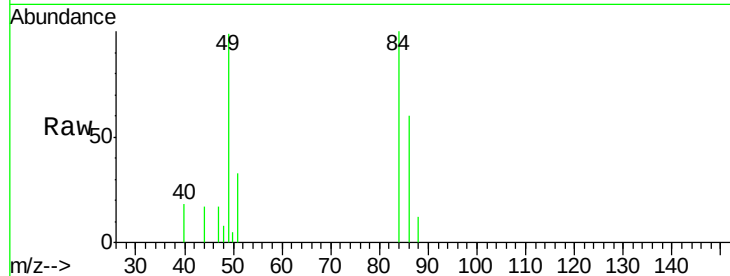
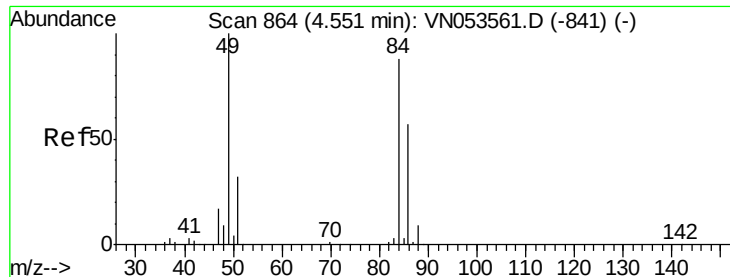
58 32.6 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

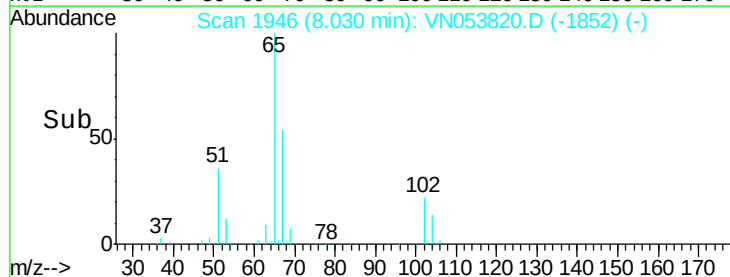
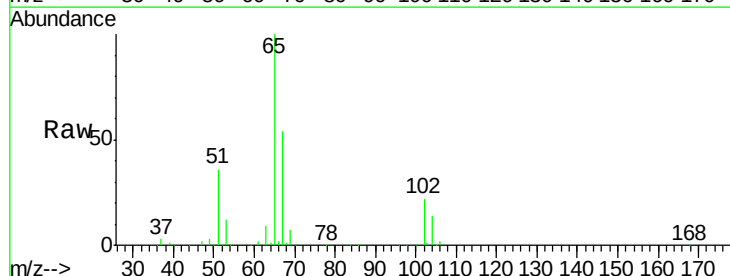
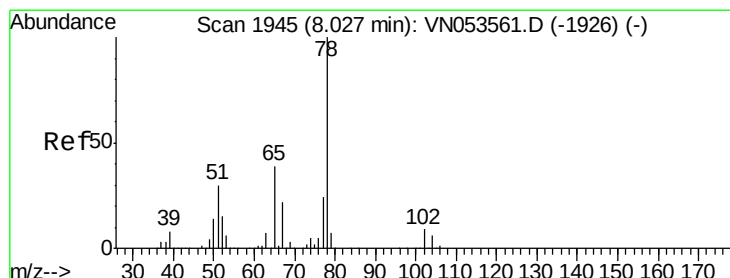
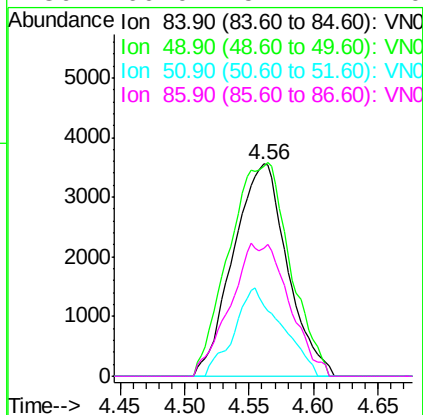




#20
Methvlene Chloride
Concen: 1.395 ug/l
RT: 4.56 min Scan# 867
Delta R.T. 0.01 min
Lab File: VN053820.D
Acq: 16 Feb 2019 1:07

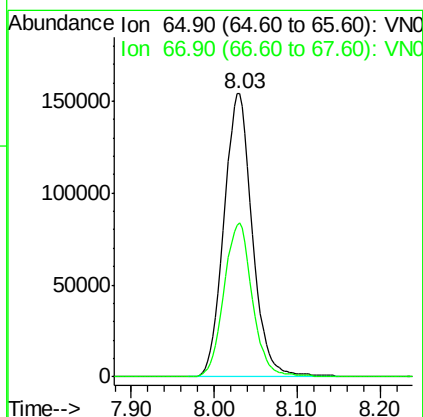
Instrument :
MSVOA_N
ClientSampleId :
PB117124ZHE#05

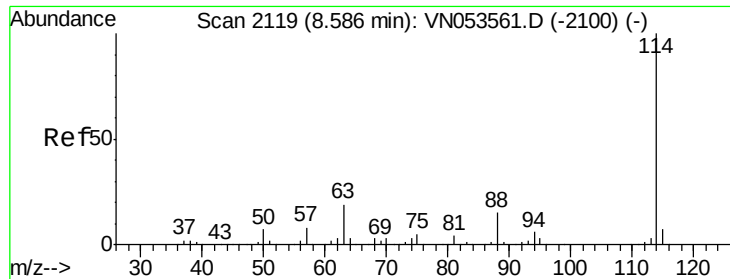
Tot Ion:	84	Resp:	10413
Ion	Ratio	Lower	Upper
84	100		
49	98.5	94.3	141.5
51	33.1	29.4	44.2
86	60.0	51.4	77.0



#33
1,2-Dichloroethane-d4
Concen: 52.900 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN053820.D
Acq: 16 Feb 2019 1:07

Tgt Ion:	65	Resp:	366983
Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	111.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053820.D

Acq: 16 Feb 2019 1:07

Instrument :

MSVOA_N

ClientSampleId :

PB117124ZHE#05

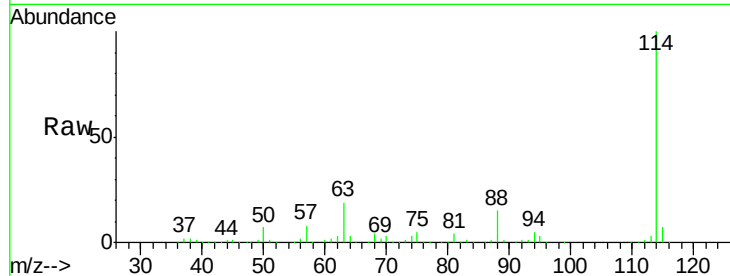
Tot Ion:114 Resp: 1159362

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.6

88 14.6 0.0 30.4



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

600000

400000

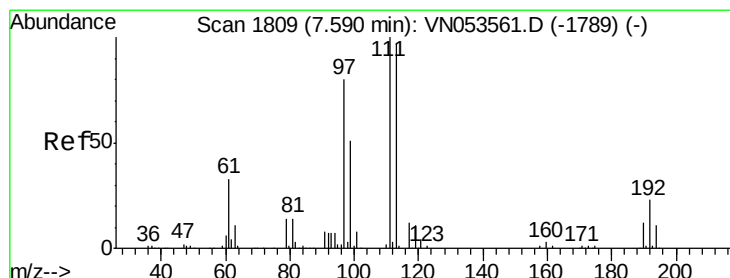
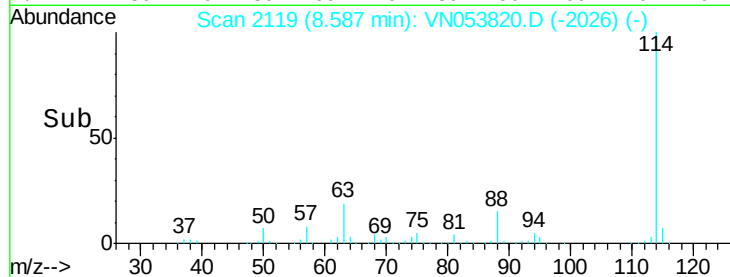
200000

0

8.59

8.50 8.60 8.70 8.80

Time-->



#35

Dibromofluoromethane

Concen: 49.865 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053820.D

Acq: 16 Feb 2019 1:07

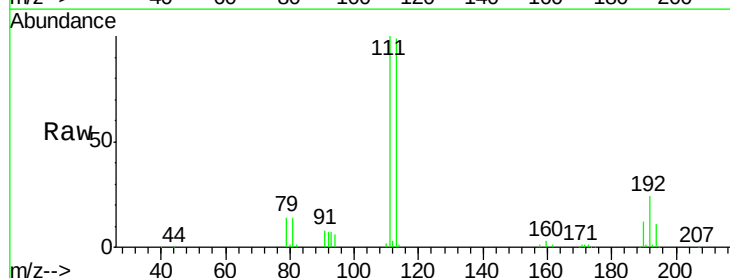
Tgt Ion:113 Resp: 365293

Ion Ratio Lower Upper

113 100

111 102.8 81.1 121.7

192 23.6 18.2 27.2



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

200000

150000

100000

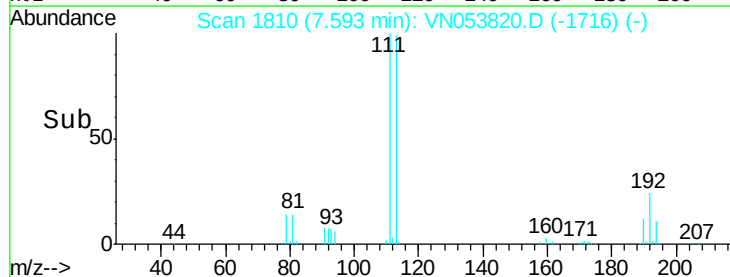
50000

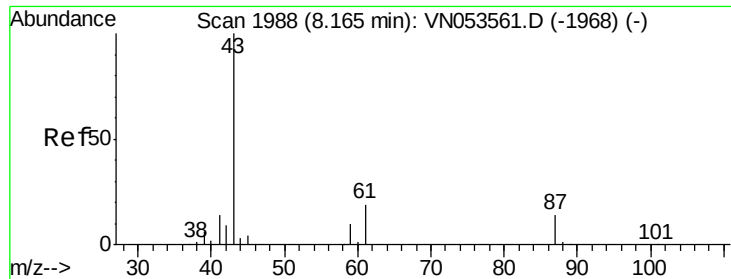
0

7.59

7.50 7.60 7.70 7.80

Time-->





#43

Isopropyl Acetate

Concen: 2.928 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN053820.D

Acq: 16 Feb 2019 1:07

Instrument :

MSVOA_N

ClientSampleId :

PB117124ZHE#05

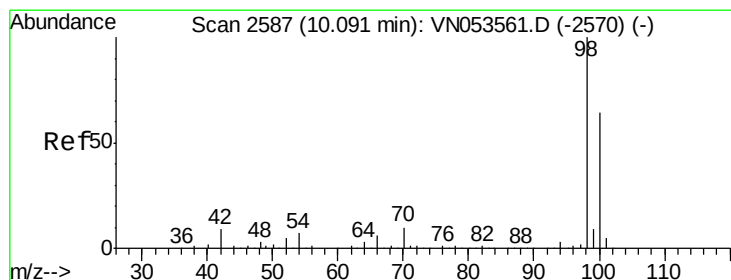
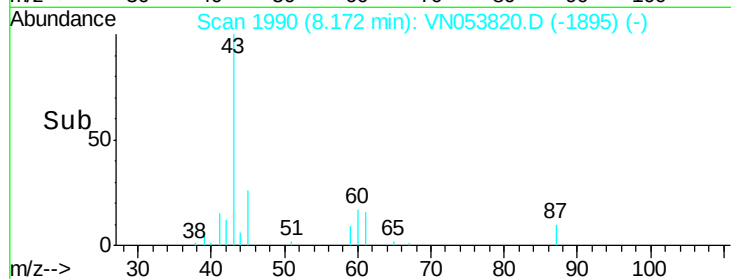
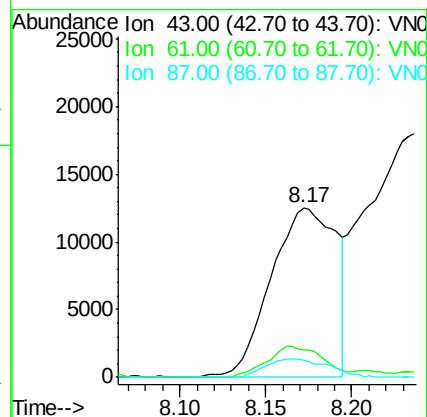
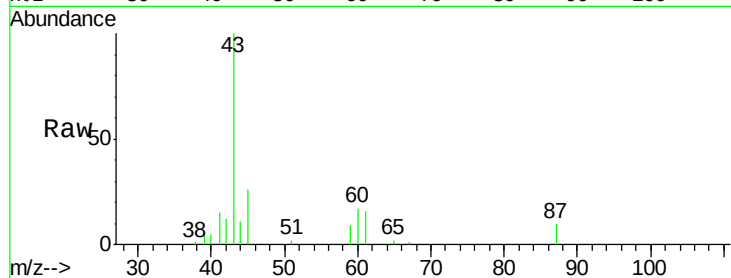
Tot Ion: 43 Resp: 33005

Ion Ratio Lower Upper

43 100

61 15.8 23.9 35.9#

87 10.3 11.0 16.6#



#50

Toluene-d8

Concen: 51.080 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053820.D

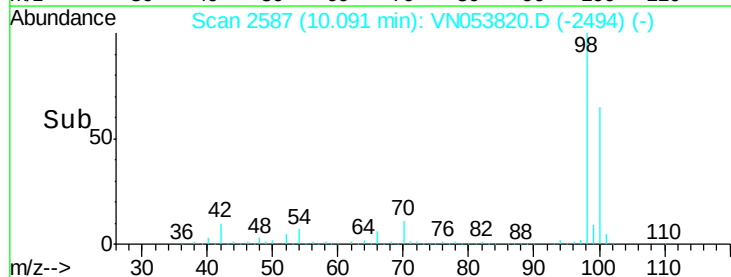
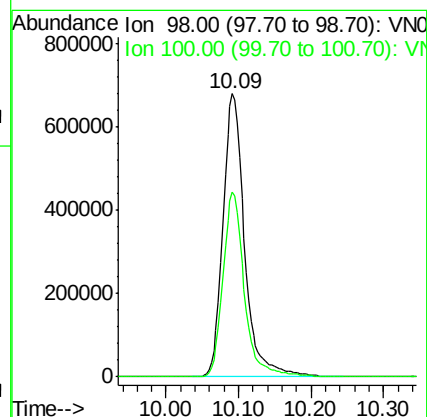
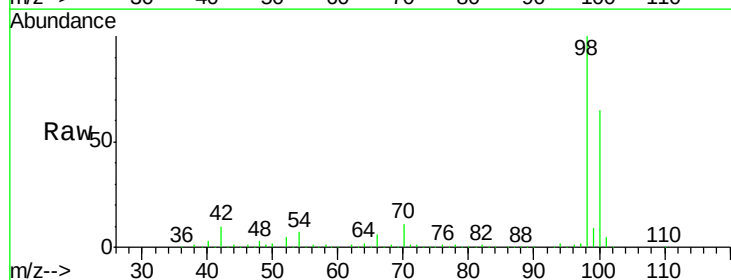
Acq: 16 Feb 2019 1:07

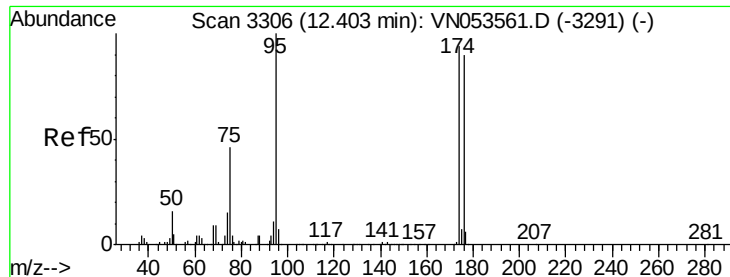
Tgt Ion: 98 Resp: 1405041

Ion Ratio Lower Upper

98 100

100 64.5 51.4 77.0





#62

4-Bromofluorobenzene

Concen: 50.612 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053820.D

Acq: 16 Feb 2019 1:07

Instrument :

MSVOA_N

ClientSampleId :

PB117124ZHE#05

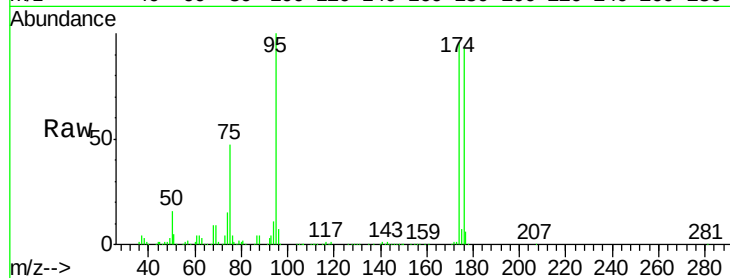
Tot Ion: 95 Resp: 464306

Ion Ratio Lower Upper

95 100

174 95.1 0.0 183.2

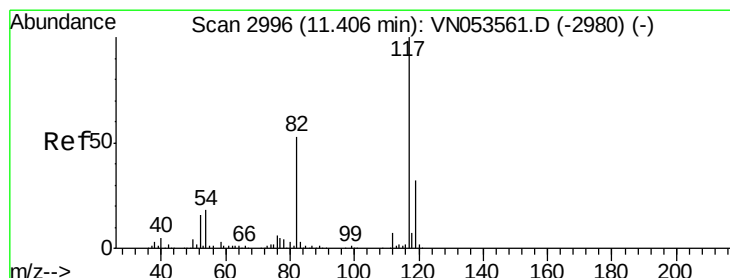
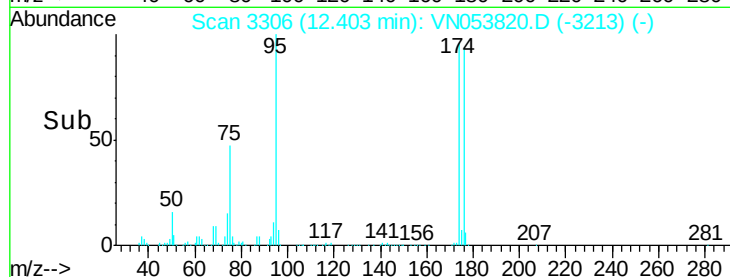
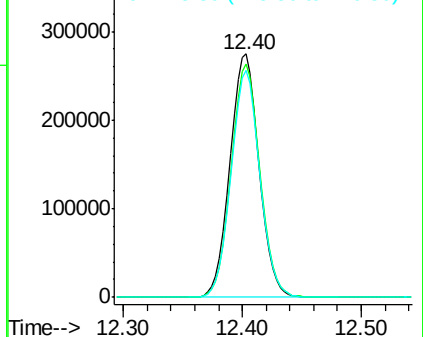
176 92.0 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053561.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053561.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053561.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053820.D

Acq: 16 Feb 2019 1:07

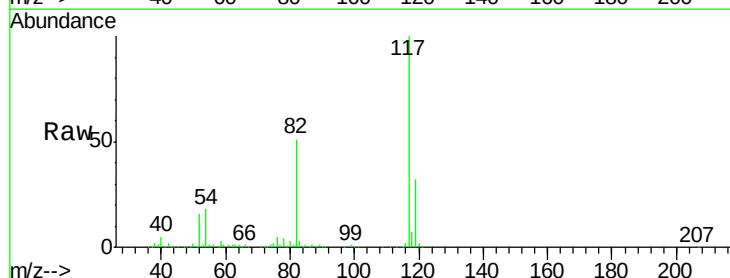
Tgt Ion: 117 Resp: 1159562

Ion Ratio Lower Upper

117 100

82 51.5 42.9 64.3

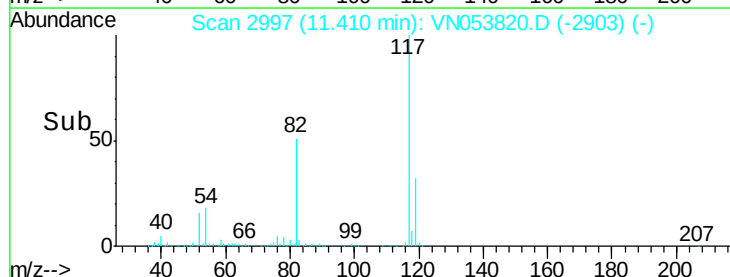
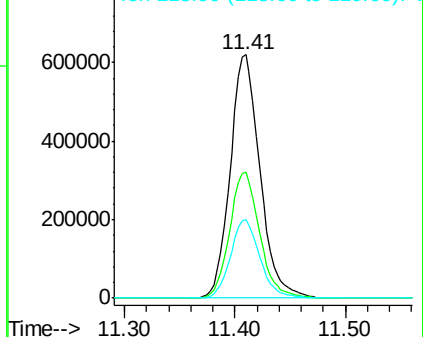
119 32.3 26.0 39.0

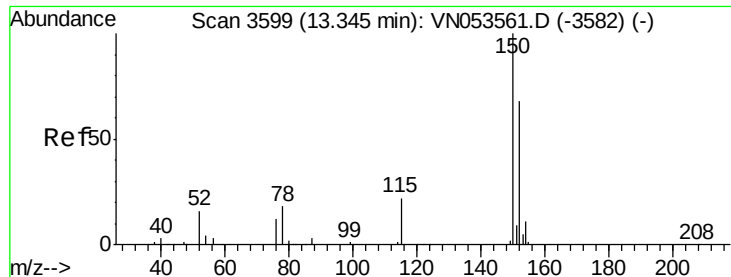


Abundance Ion 116.90 (116.60 to 117.60): VN053561.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053561.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053561.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053820.D

Acq: 16 Feb 2019 1:07

Instrument :

MSVOA_N

ClientSampleId :

PB117124ZHE#05

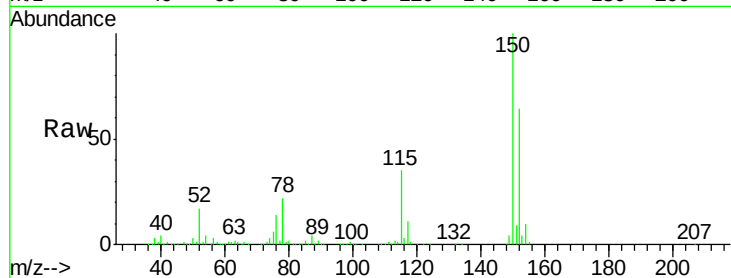
Tot Ion:152 Resp: 429497

Ion Ratio Lower Upper

152 100

115 54.6 27.8 83.4

150 157.4 0.0 349.0



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

