

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020119\
 Data File : VN053583.D
 Acq On : 1 Feb 2019 18:15
 Operator : JC/SP
 Sample : K1292-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-1

Quant Time: Feb 01 23:48:14 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

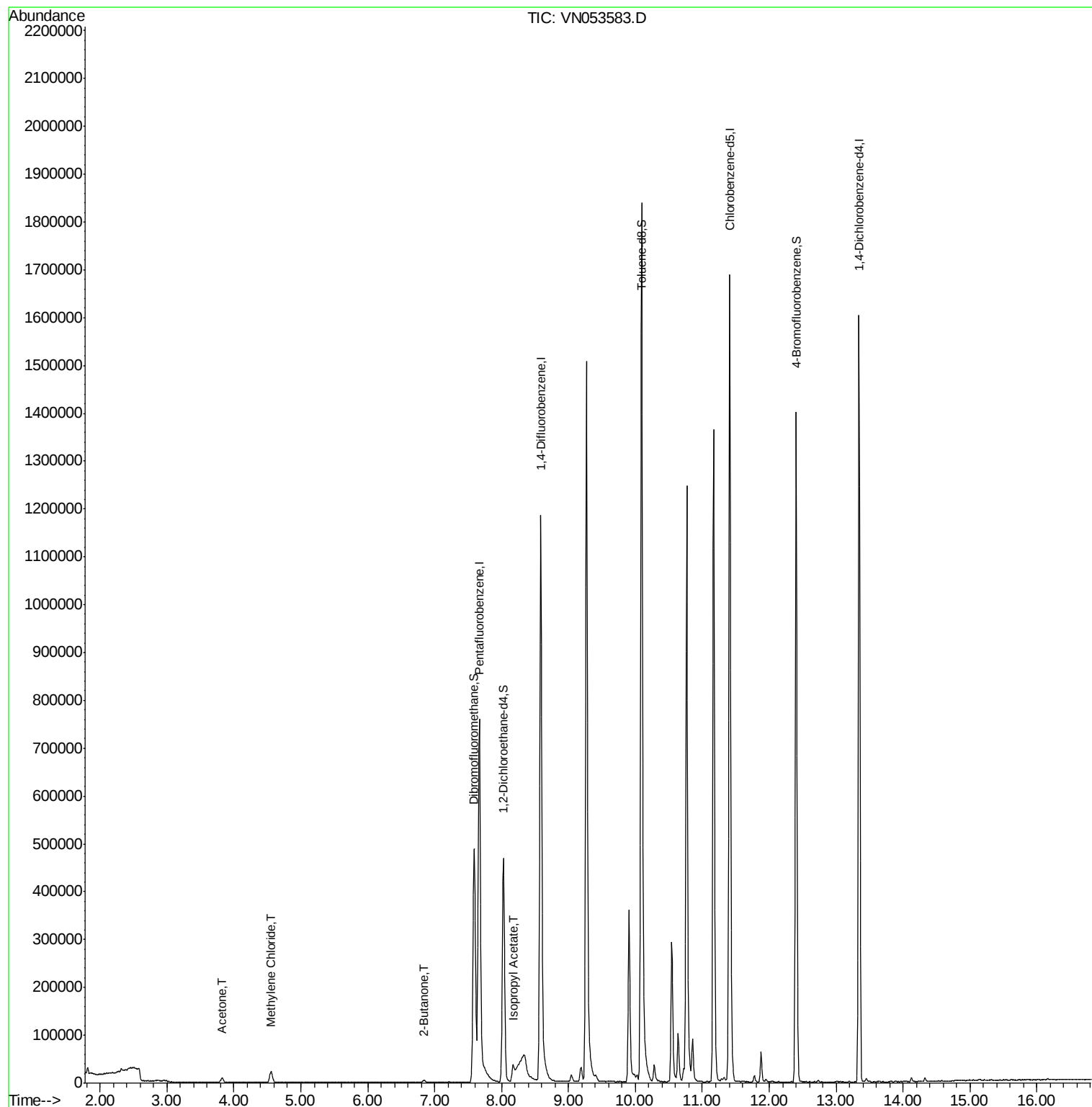
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	738164	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1232452	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1119378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	474525	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	395334	53.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.78%	
35) Dibromofluoromethane	7.59	113	385875	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
50) Toluene-d8	10.09	98	1499840	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.58%	
62) 4-Bromofluorobenzene	12.40	95	496323	50.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.78%	
Target Compounds						
16) Acetone	3.82	43	18180	9.571	ug/l	100
20) Methylene Chloride	4.56	84	18523	2.324	ug/l	97
25) 2-Butanone	6.83	43	8358	3.085	ug/l	98
43) Isopropyl Acetate	8.17	43	43962	3.669	ug/l #	74

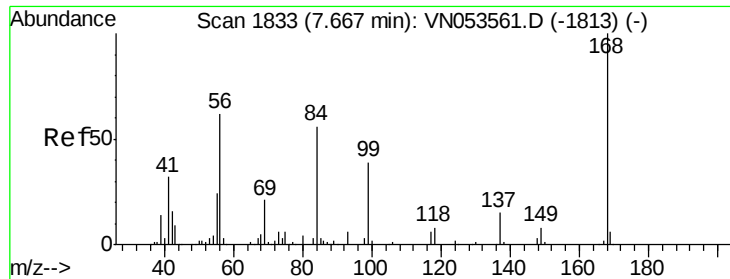
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053583.D

Acq: 1 Feb 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

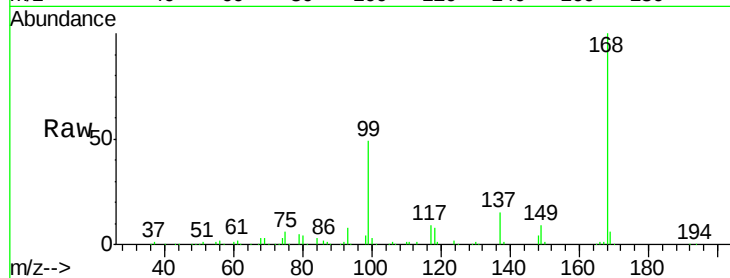
WC-1

Tgt Ion:168 Resp: 738164

Ion Ratio Lower Upper

168 100

99 48.5 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

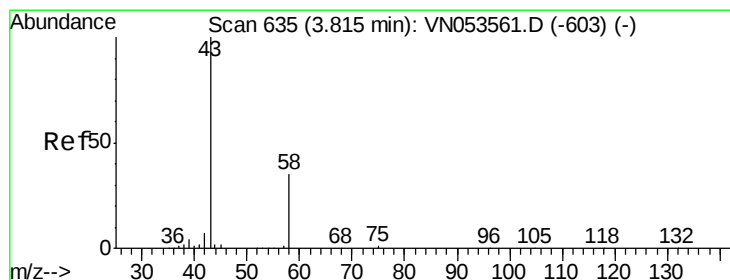
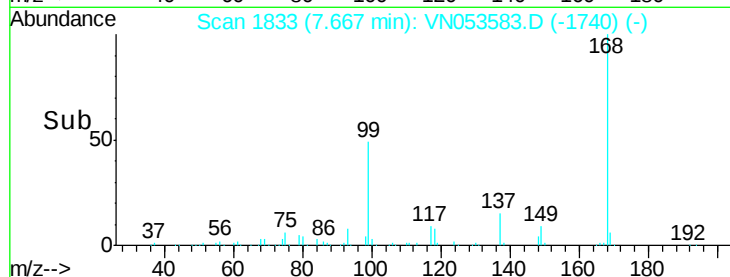
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 9.571 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053583.D

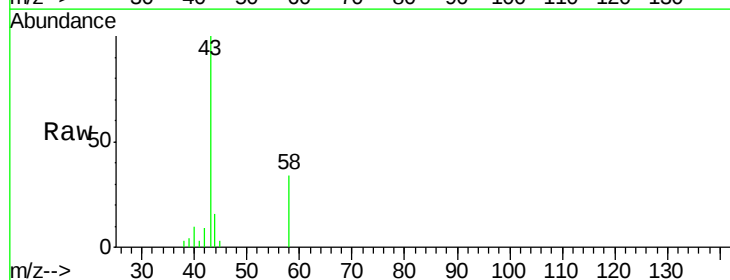
Acq: 1 Feb 2019 18:15

Tgt Ion: 43 Resp: 18180

Ion Ratio Lower Upper

43 100

58 34.1 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

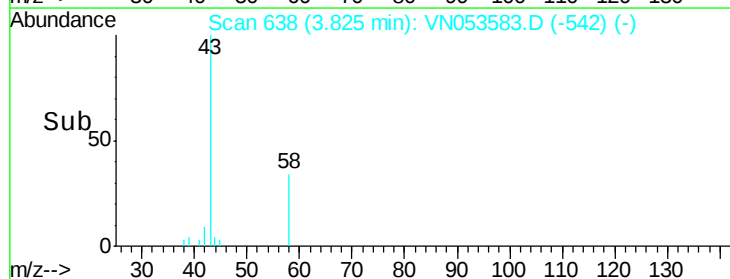
6000

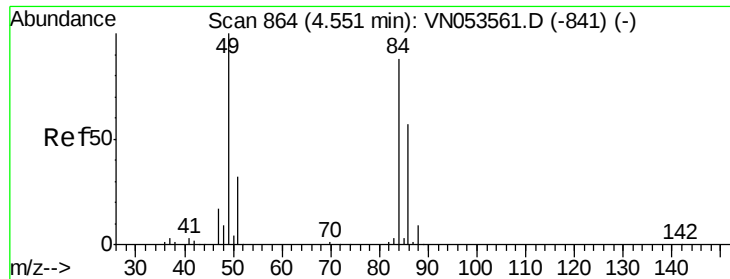
4000

2000

0

Time-->

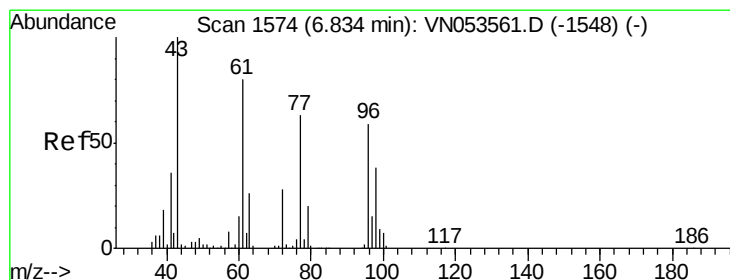
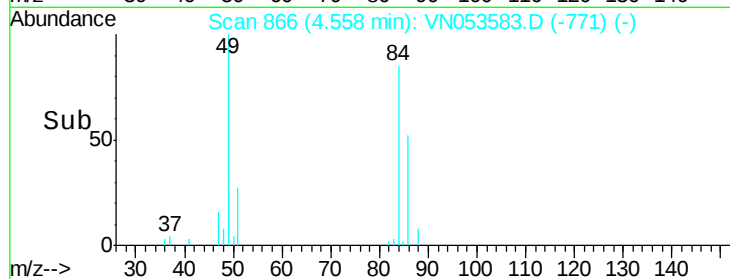
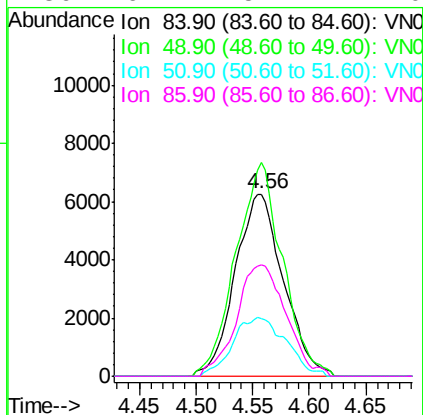
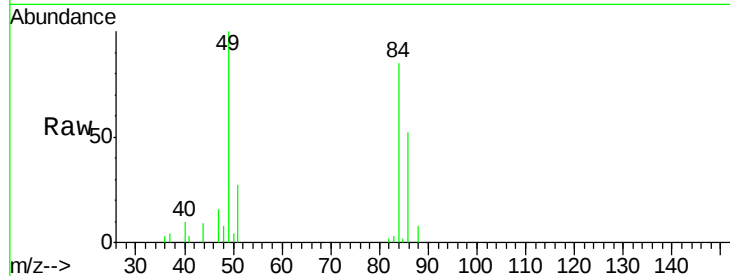




#20
Methylene Chloride
Concen: 2.324 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053583.D
Acq: 1 Feb 2019 18:15

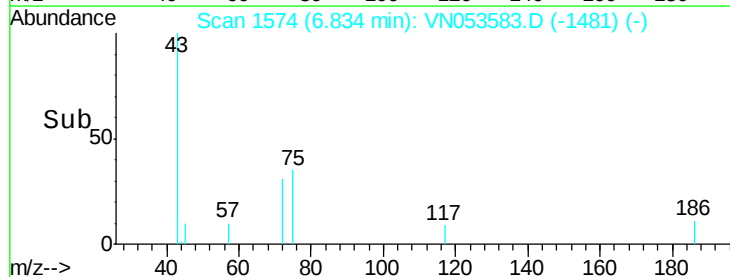
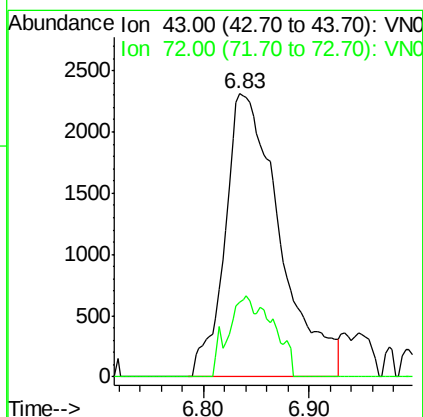
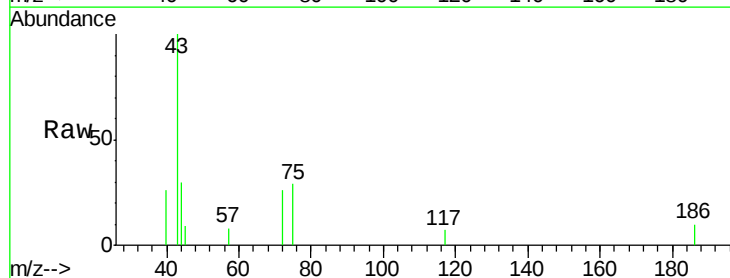
Instrument :
MSVOA_N
ClientSampled :
WC-1

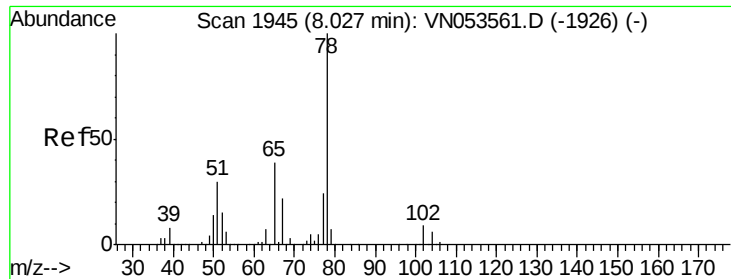
Tgt Ion:	84	Resp:	18523
Ion	Ratio	Lower	Upper
84	100		
49	117.4	94.3	141.5
51	31.5	29.4	44.2
86	61.1	51.4	77.0



#25
2-Butanone
Concen: 3.085 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VN053583.D
Acq: 1 Feb 2019 18:15

Tgt Ion:	43	Resp:	8358
Ion	Ratio	Lower	Upper
43	100		
72	26.3	22.0	33.0

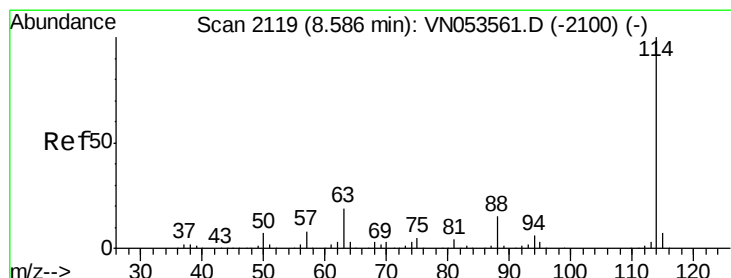
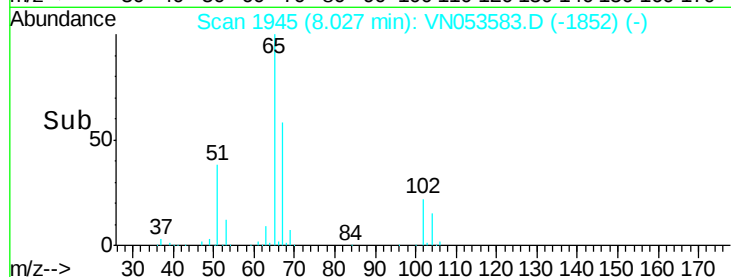
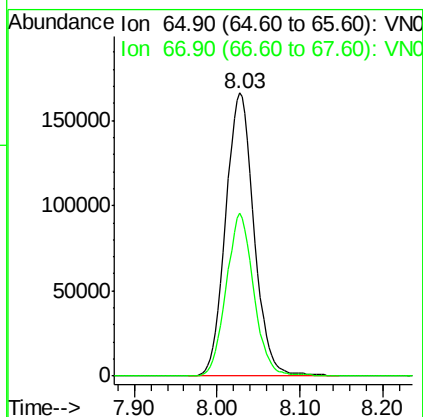
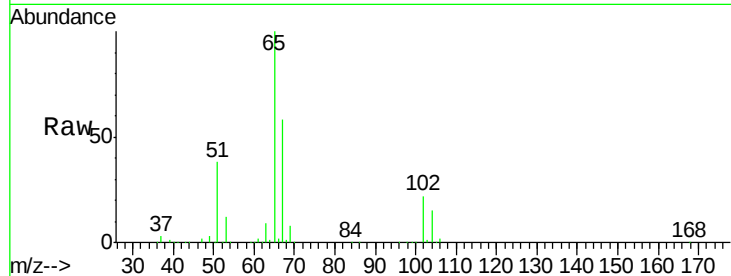




#33
 1,2-Dichloroethane-d4
 Concen: 53.386 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053583.D
 Acq: 1 Feb 2019 18:15

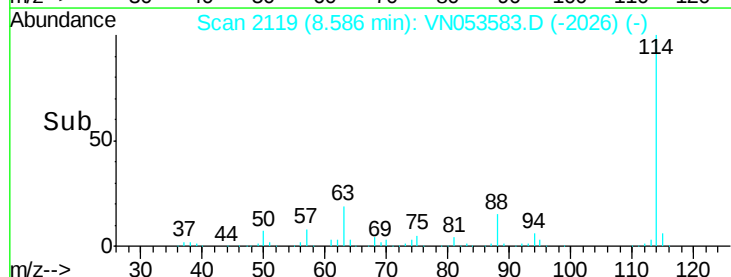
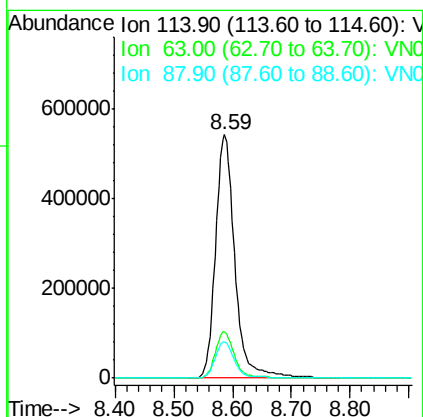
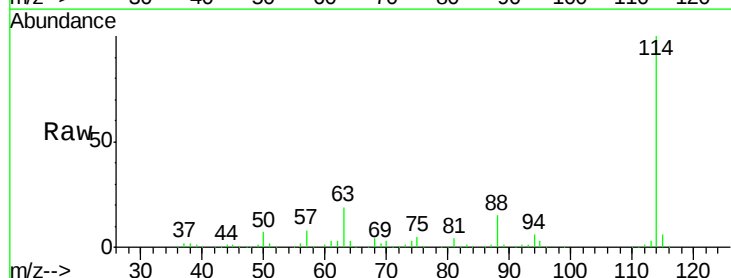
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-1

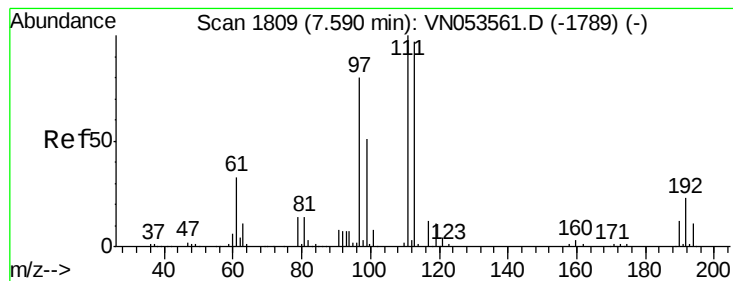
Tgt Ion: 65 Resp: 395334
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN053583.D
 Acq: 1 Feb 2019 18:15

Tgt Ion: 114 Resp: 1232452
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.6
 88 15.1 0.0 30.4





#35

Dibromofluoromethane

Concen: 49.551 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053583.D

Acq: 1 Feb 2019 18:15

Instrument :

MSVOA_N

ClientSampled :

WC-1

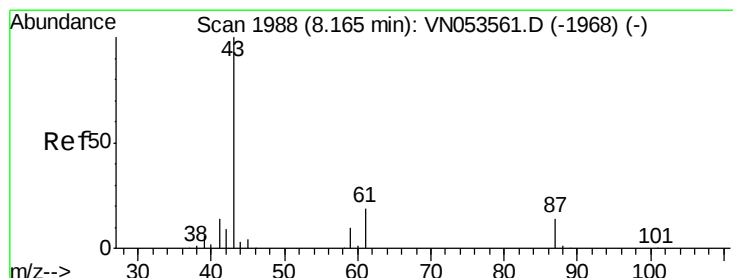
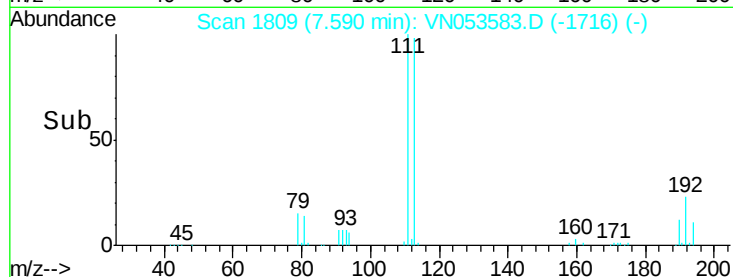
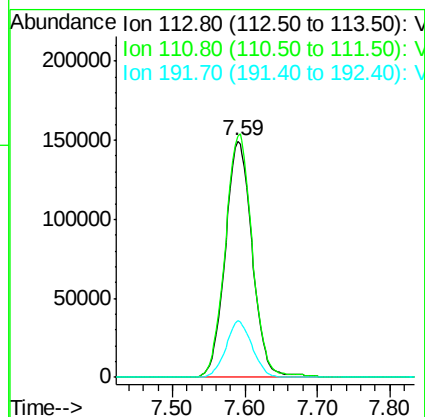
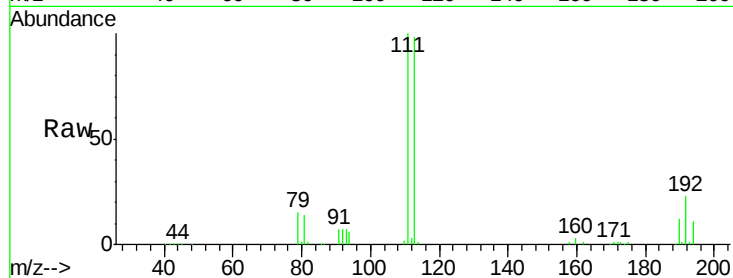
Tgt Ion: 113 Resp: 385875

Ion Ratio Lower Upper

113 100

111 103.2 81.1 121.7

192 23.1 18.2 27.2



#43

Isopropyl Acetate

Concen: 3.669 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN053583.D

Acq: 1 Feb 2019 18:15

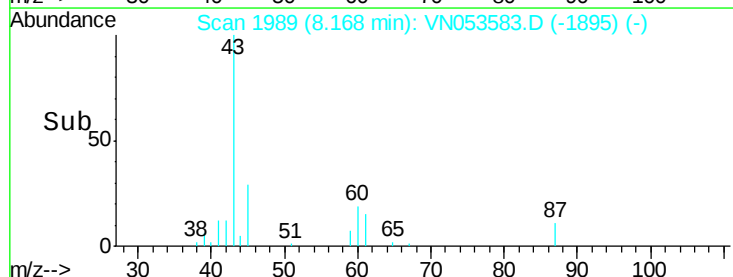
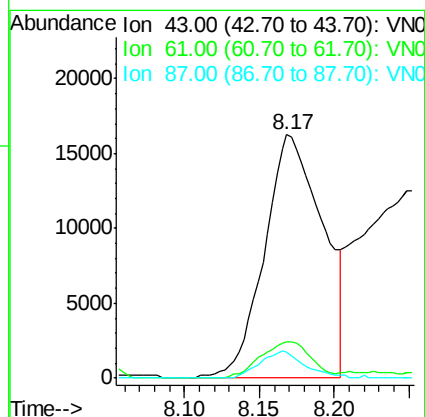
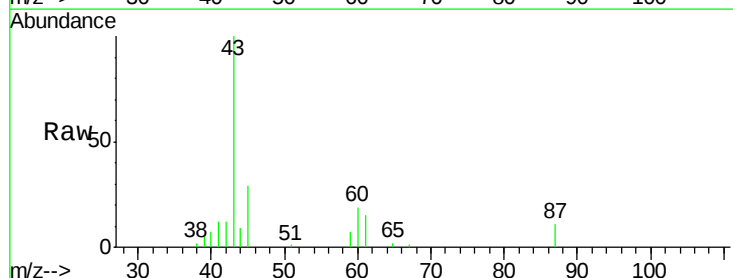
Tgt Ion: 43 Resp: 43962

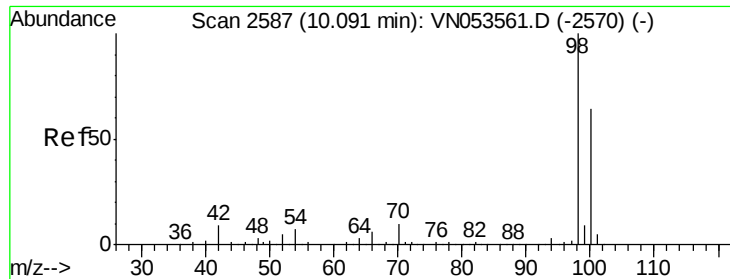
Ion Ratio Lower Upper

43 100

61 12.9 23.9 35.9#

87 8.5 11.0 16.6#





#50

Toluene-d8

Concen: 51.293 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053583.D

Acq: 1 Feb 2019 18:15

Instrument :

MSVOA_N

ClientSampled :

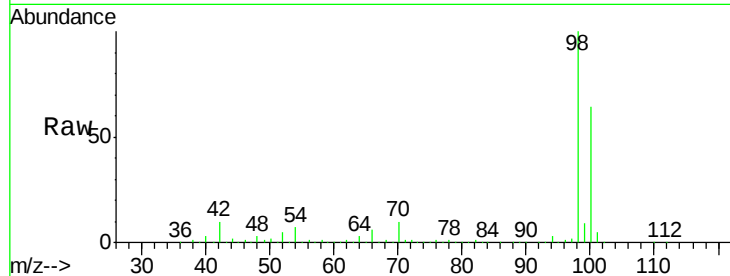
WC-1

Tgt Ion: 98 Resp: 1499840

Ion Ratio Lower Upper

98 100

100 64.0 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

800000

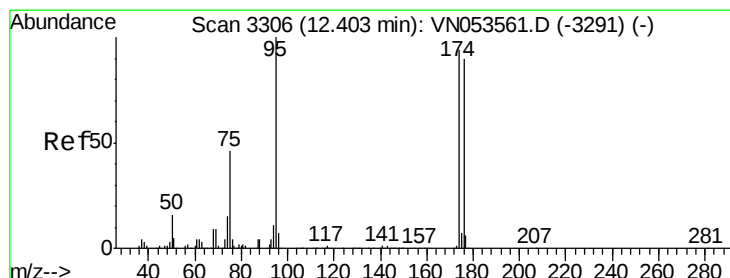
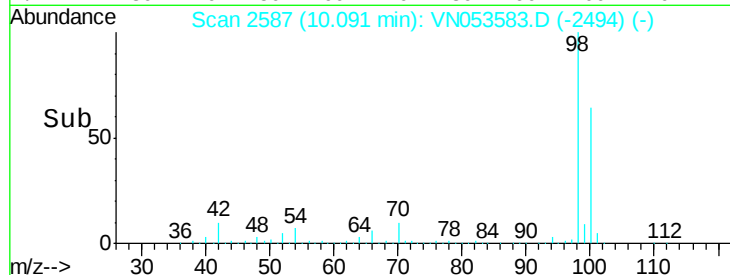
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.893 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN053583.D

Acq: 1 Feb 2019 18:15

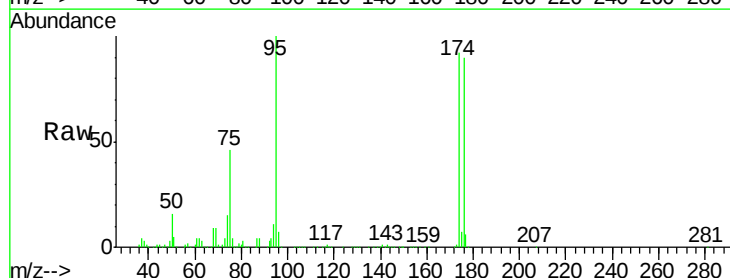
Tgt Ion: 95 Resp: 496323

Ion Ratio Lower Upper

95 100

174 92.4 0.0 183.2

176 90.1 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

400000

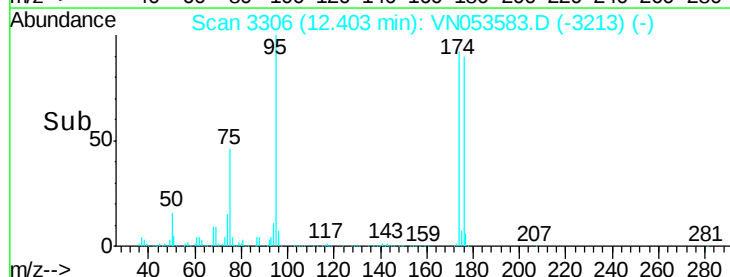
300000

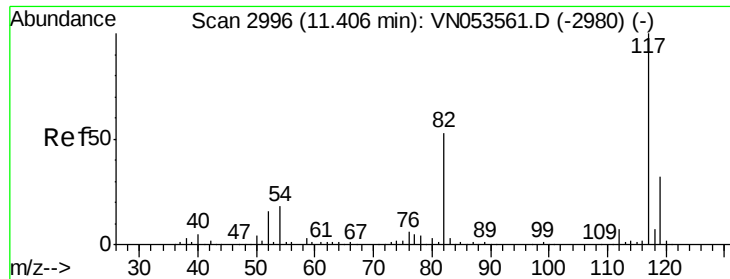
200000

100000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053583.D

Acq: 1 Feb 2019 18:15

Instrument :

MSVOA_N

ClientSampled :

WC-1

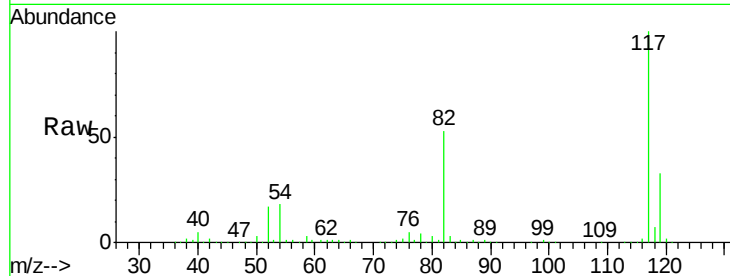
Tgt Ion:117 Resp: 1119378

Ion Ratio Lower Upper

117 100

82 53.2 42.9 64.3

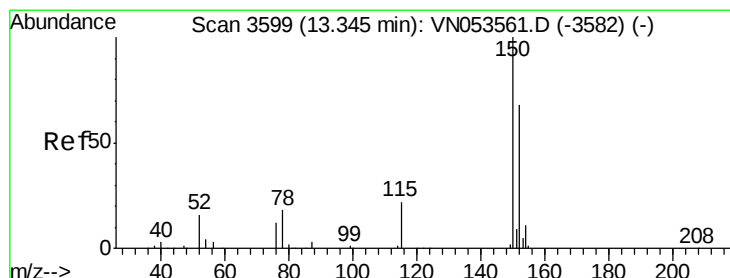
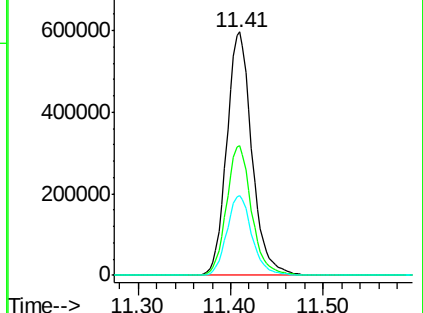
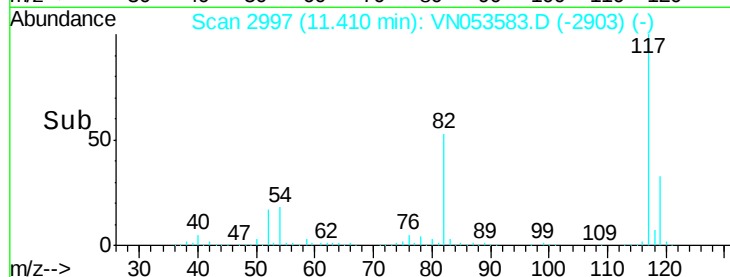
119 33.0 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN053583.D

Acq: 1 Feb 2019 18:15

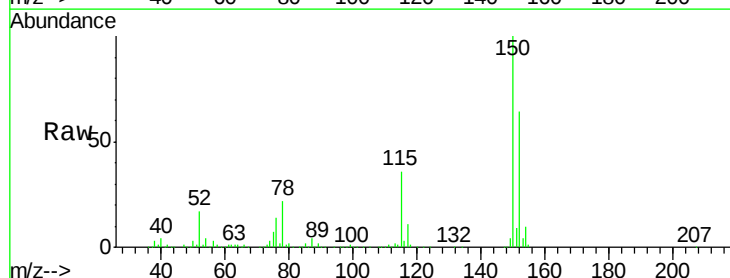
Tgt Ion:152 Resp: 474525

Ion Ratio Lower Upper

152 100

115 55.5 27.8 83.4

150 156.5 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

