

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060719\
 Data File : VN056063.D
 Acq On : 6 Jun 2019 23:18
 Operator : JC/SP
 Sample : PB120313TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120313TB

Quant Time: Jun 07 06:52:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

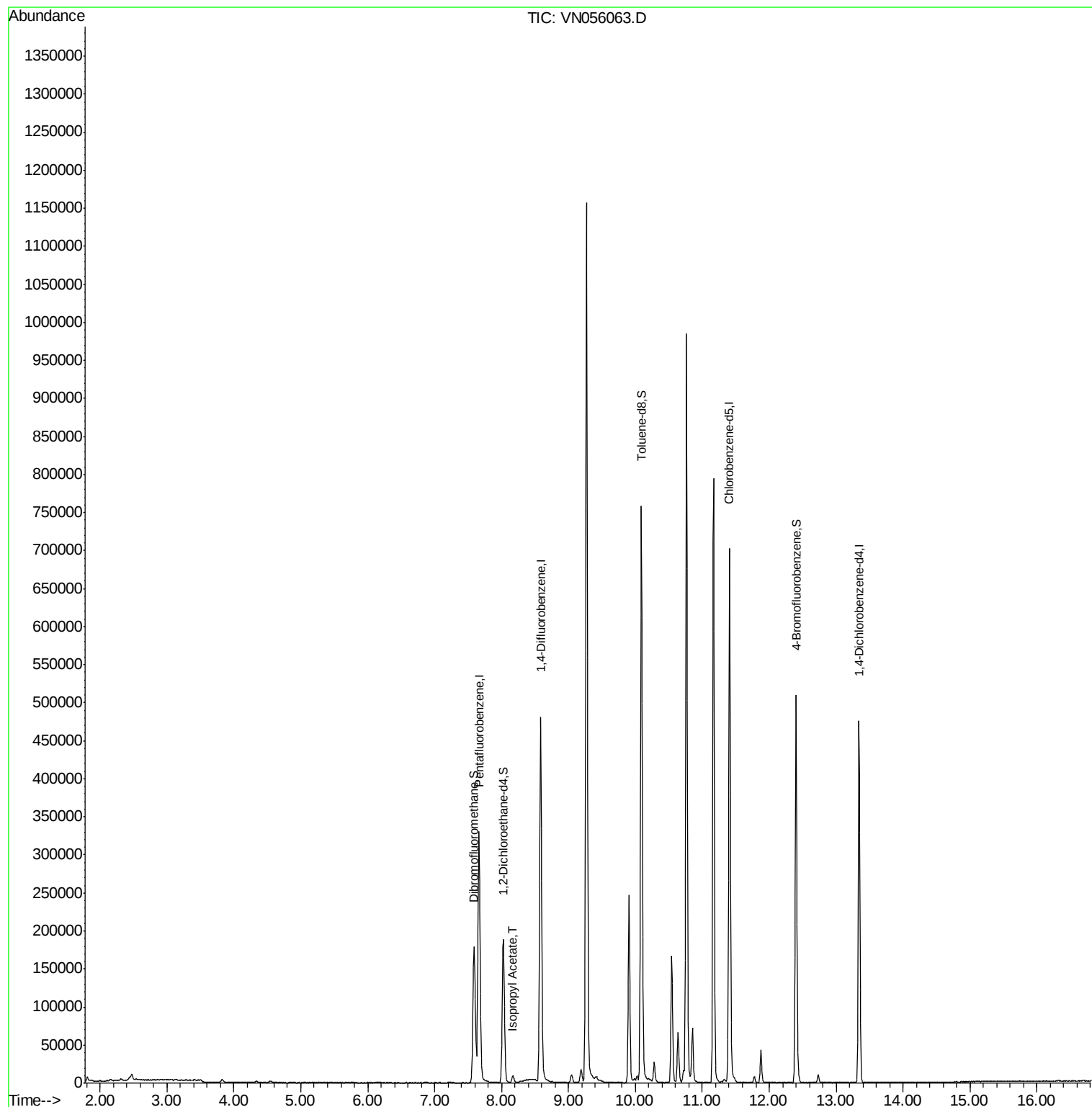
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	312202	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	478812	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	458549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	144587	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	158979	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.58%	
35) Dibromofluoromethane	7.59	113	137312	46.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.48%	
50) Toluene-d8	10.09	98	579313	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.50%	
62) 4-Bromofluorobenzene	12.40	95	183247	47.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.34%	
Target Compounds						
43) Isopropyl Acetate	8.17	43	10994	1.852	ug/l #	Qvalue 88

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056063.D

Acq: 6 Jun 2019 23:18

Instrument :

MSVOA_N

ClientSampled :

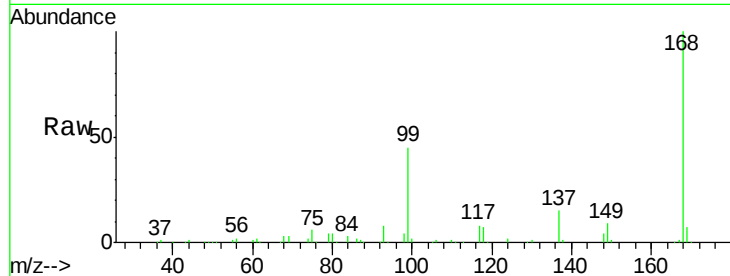
PB120313TB

Tot Ion:168 Resp: 312202

Ion Ratio Lower Upper

168 100

99 45.3 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

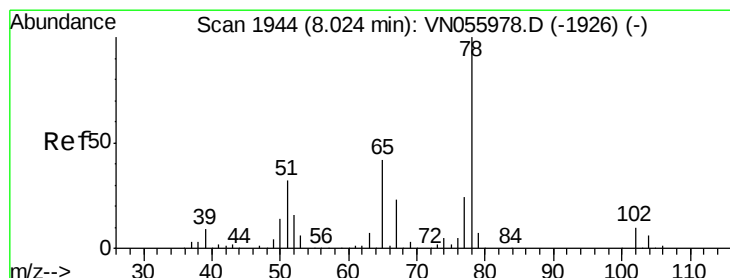
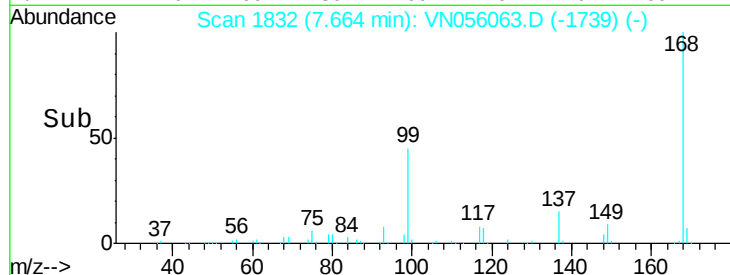
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.285 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056063.D

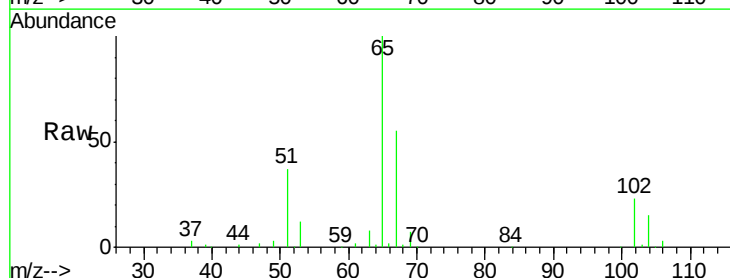
Acq: 6 Jun 2019 23:18

Tgt Ion: 65 Resp: 158979

Ion Ratio Lower Upper

65 100

67 54.8 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

80000

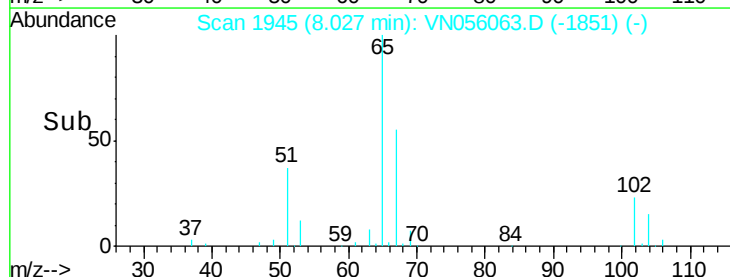
60000

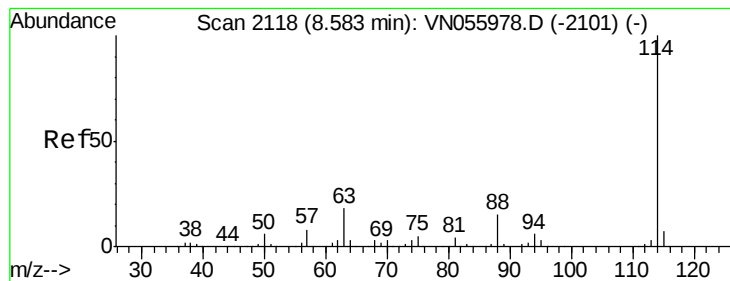
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN056063.D

Acq: 6 Jun 2019 23:18

Instrument :

MSVOA_N

ClientSampleId :

PB120313TB

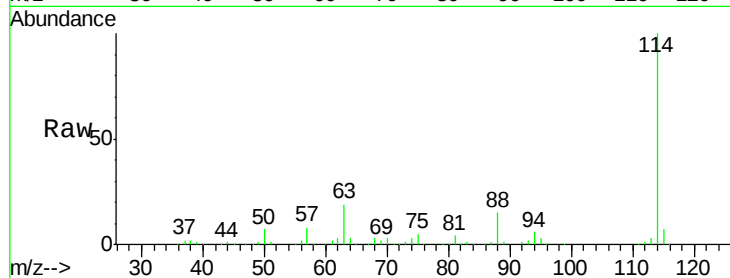
Tot Ion:114 Resp: 478812

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.2

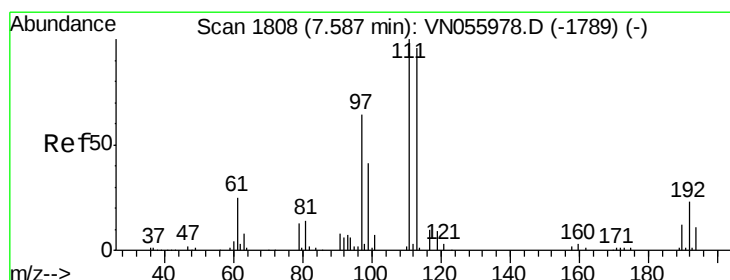
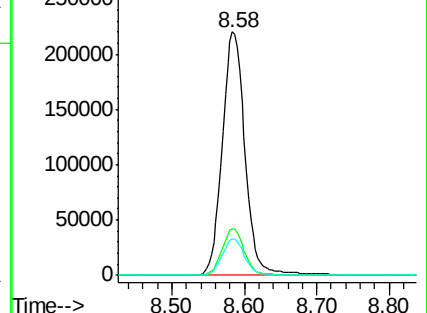
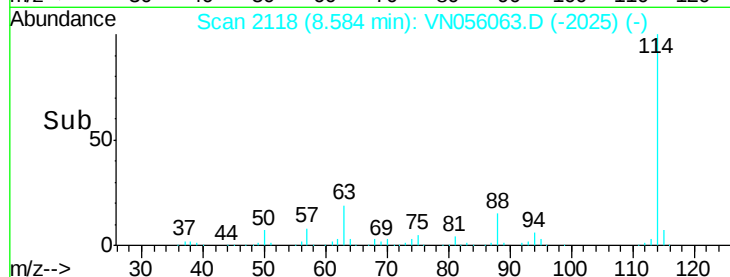
88 14.9 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 46.742 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056063.D

Acq: 6 Jun 2019 23:18

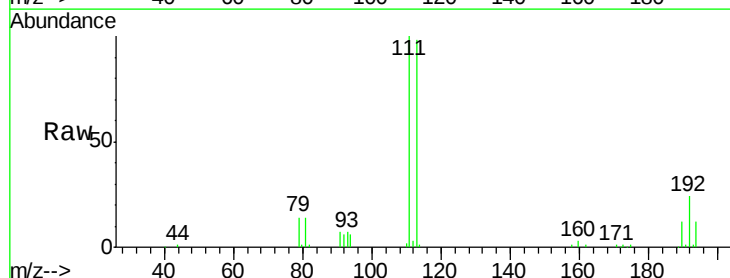
Tgt Ion:113 Resp: 137312

Ion Ratio Lower Upper

113 100

111 102.6 81.9 122.9

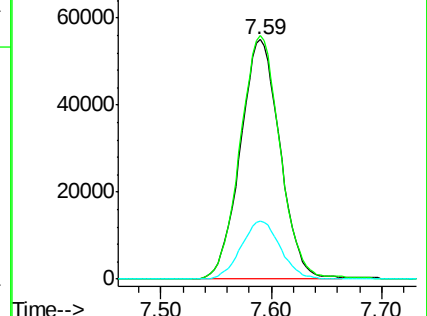
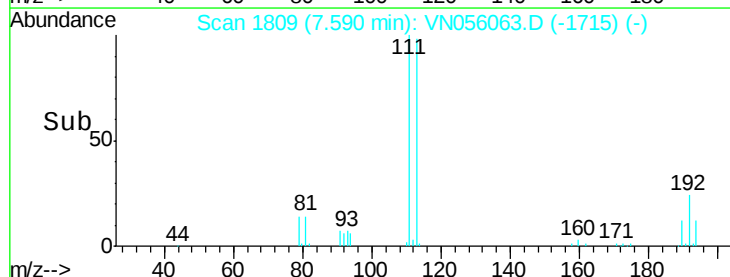
192 24.1 19.5 29.3

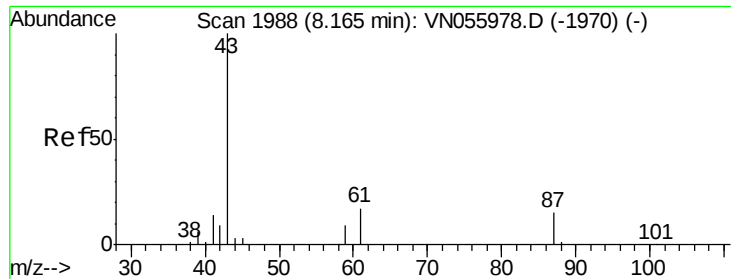


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.852 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056063.D

Acq: 6 Jun 2019 23:18

Instrument :

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ClientSampleId :

PB120313TB

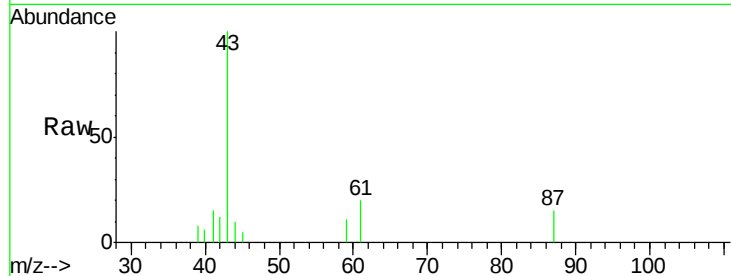
Tot Ion: 43 Resp: 10994

Ion Ratio Lower Upper

43 100

61 19.5 22.2 33.4#

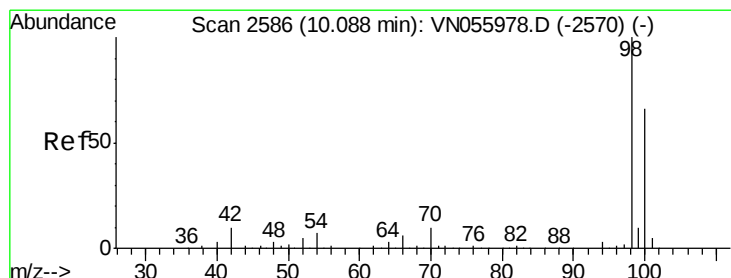
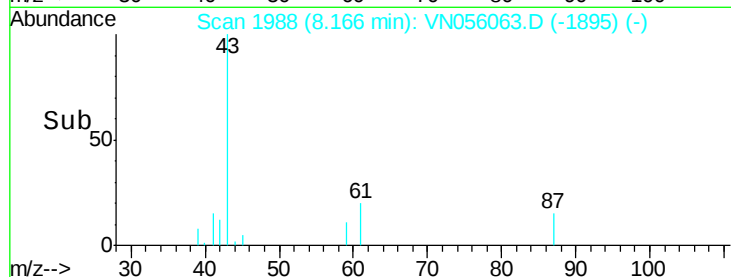
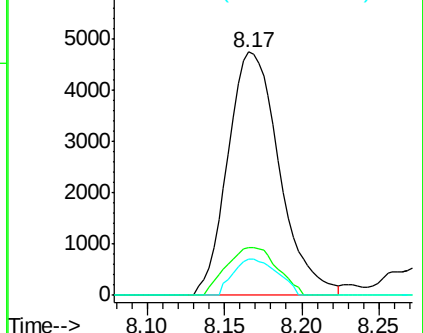
87 12.7 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055978.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055978.D (-1970) (-)



#50

Toluene-d8

Concen: 51.248 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056063.D

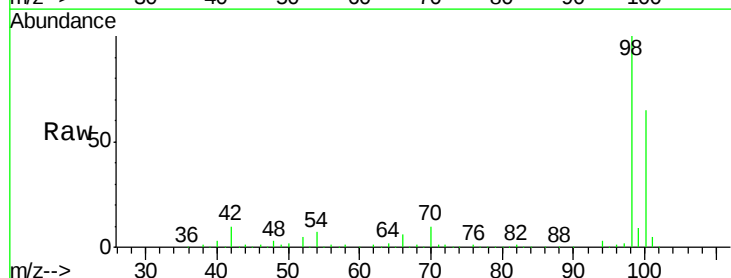
Acq: 6 Jun 2019 23:18

Tgt Ion: 98 Resp: 579313

Ion Ratio Lower Upper

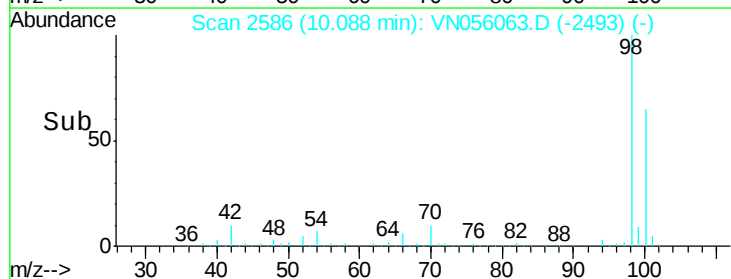
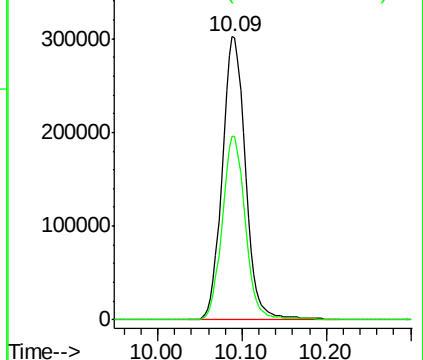
98 100

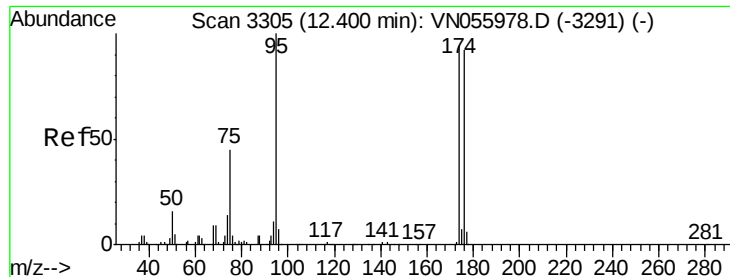
100 64.1 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055978.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055978.D (-2570) (-)





#62

4-Bromofluorobenzene

Concen: 47.668 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056063.D

Acq: 6 Jun 2019 23:18

Instrument :

MSVOA_N

ClientSampled :

PB120313TB

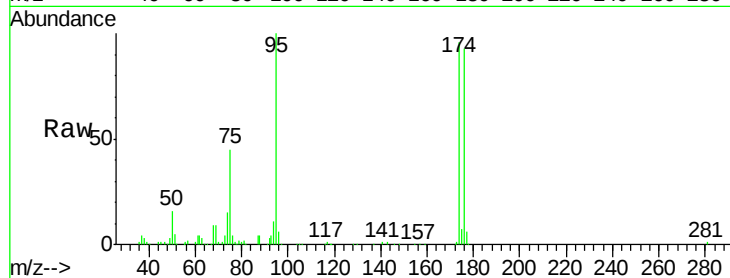
Tot Ion: 95 Resp: 183247

Ion Ratio Lower Upper

95 100

174 96.2 0.0 191.0

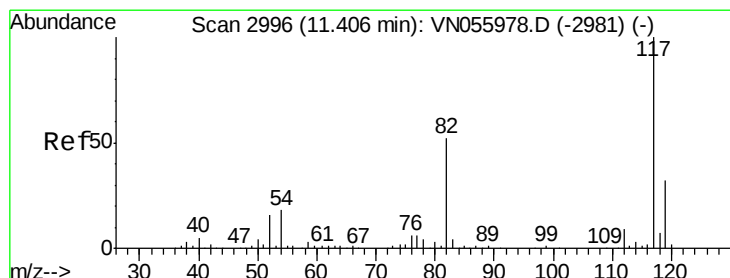
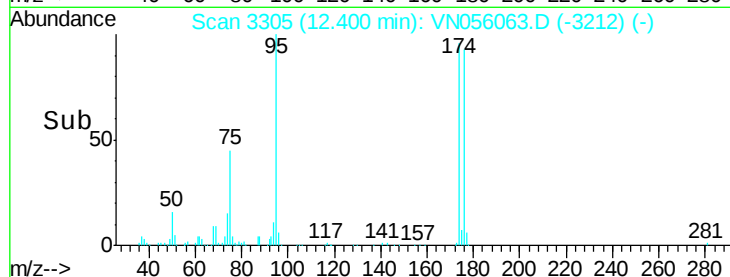
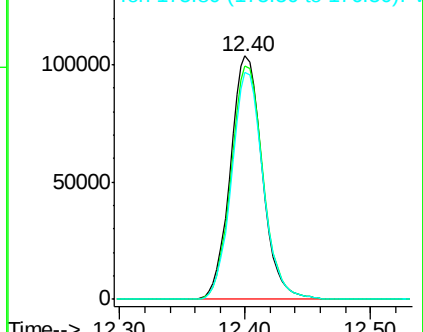
176 92.5 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055978.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055978.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056063.D

Acq: 6 Jun 2019 23:18

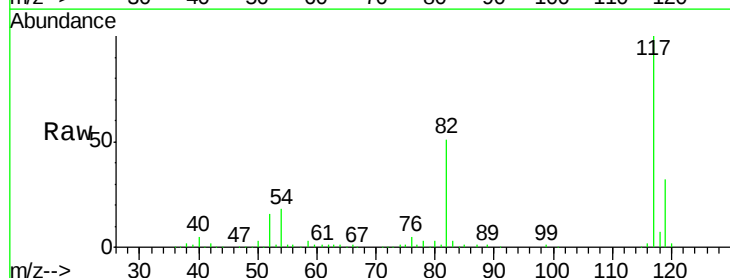
Tgt Ion: 117 Resp: 458549

Ion Ratio Lower Upper

117 100

82 51.3 41.8 62.8

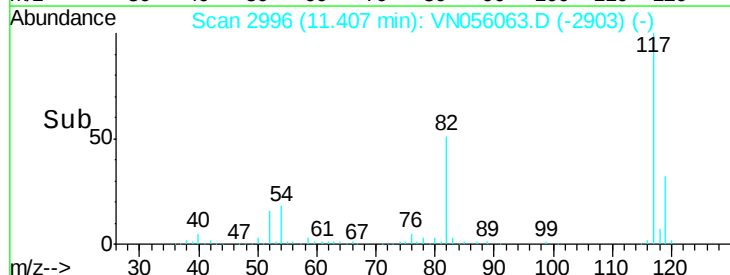
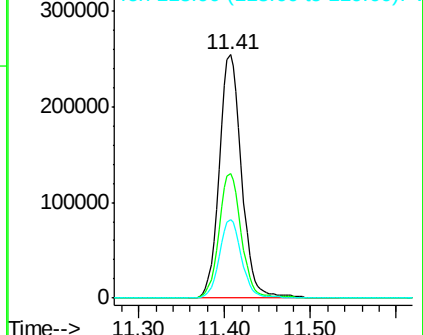
119 32.2 25.4 38.0

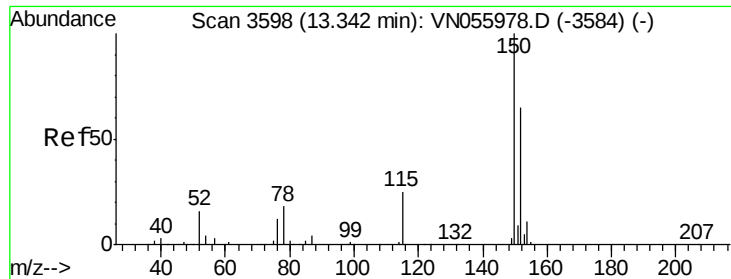


Abundance Ion 116.90 (116.60 to 117.60): VN055978.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055978.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055978.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: VN056063.D

Acq: 6 Jun 2019 23:18

Instrument :

MSVOA_N

ClientSampleId :

PB120313TB

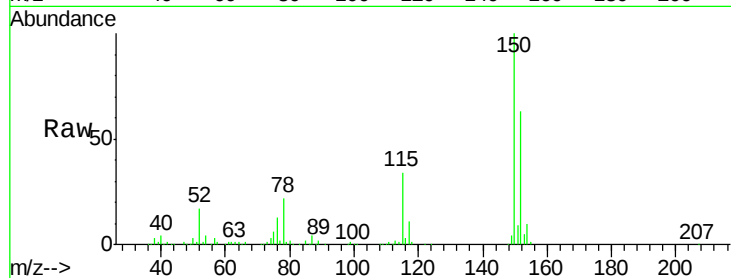
Tot Ion:152 Resp: 144587

Ion Ratio Lower Upper

152 100

115 53.3 27.0 81.0

150 157.1 0.0 343.2



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

