

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052319\
 Data File : VN055757.D
 Acq On : 23 May 2019 16:46
 Operator : JC/SP
 Sample : PB119982TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB119982TB

Quant Time: May 24 07:16:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

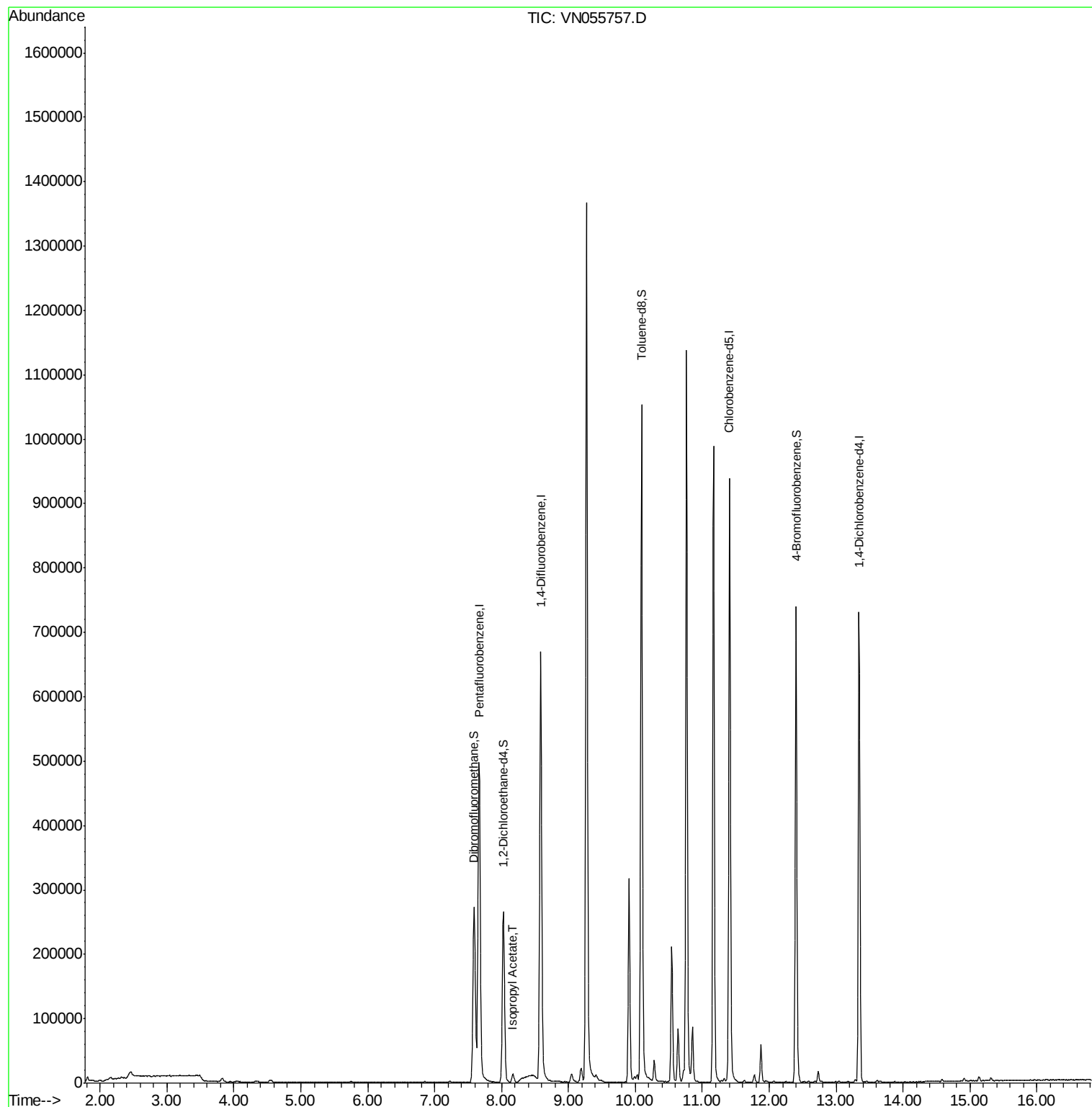
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	490299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	672599	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	603956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	227115	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	224983	44.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.86%	
35) Dibromofluoromethane	7.59	113	206842	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.28%	
50) Toluene-d8	10.09	98	793879	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
62) 4-Bromofluorobenzene	12.40	95	257672	46.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.14%	
Target Compounds						
43) Isopropyl Acetate	8.17	43	16241	1.706	ug/l #	Qvalue 88

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

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QLast Update : Fri May 24 06:41:54 2019
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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: VN055757.D

Acq: 23 May 2019 16:46

Instrument :

MSVOA_N

ClientSampled :

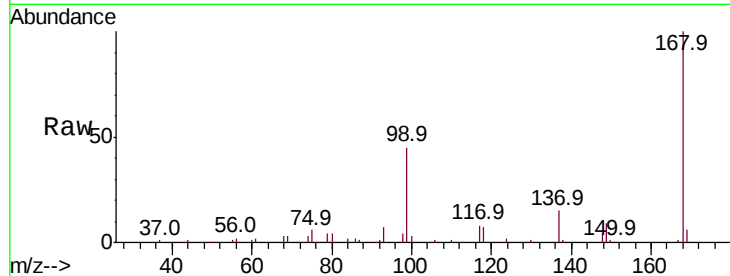
PB119982TB

Tot Ion:168 Resp: 490299

Ion Ratio Lower Upper

168 100

99 45.0 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

200000

150000

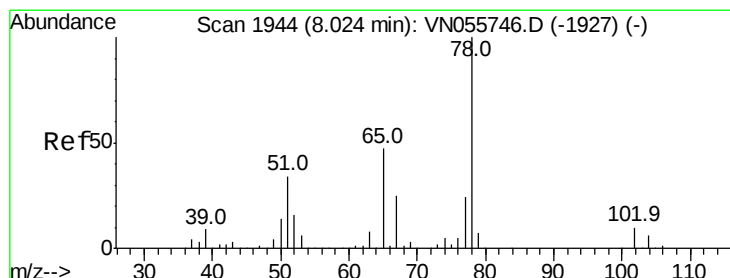
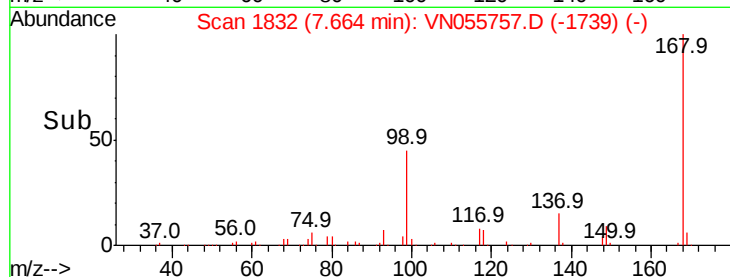
100000

50000

0

Time-->

7.50 7.60 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 44.433 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055757.D

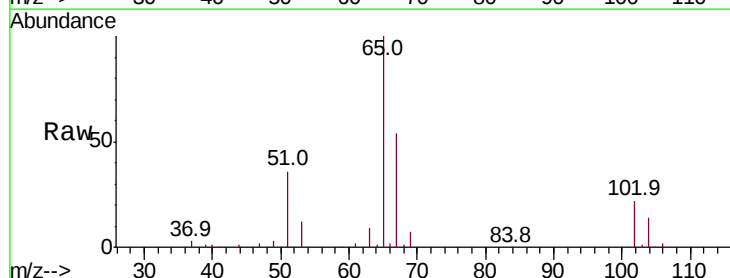
Acq: 23 May 2019 16:46

Tgt Ion: 65 Resp: 224983

Ion Ratio Lower Upper

65 100

67 53.8 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VN0

8.03

100000

80000

60000

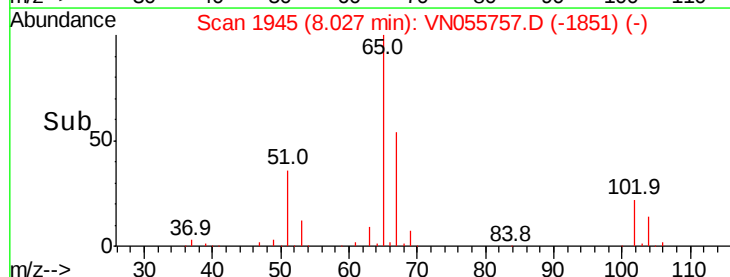
40000

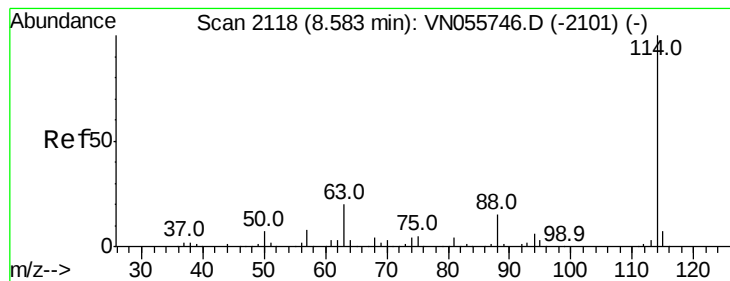
20000

0

Time-->

7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055757.D

Acq: 23 May 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

PB119982TB

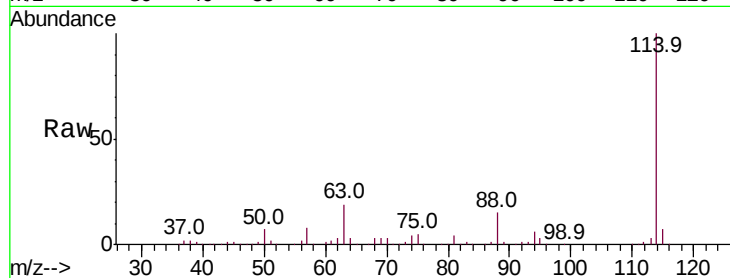
Tot Ion:114 Resp: 672599

Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.2

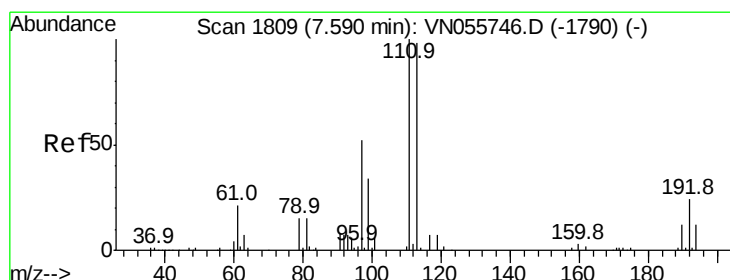
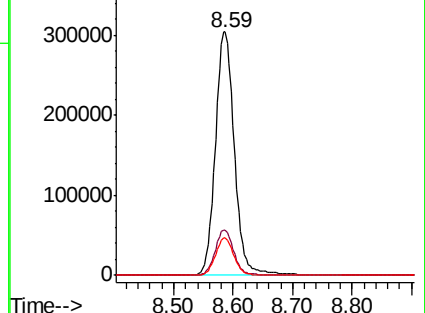
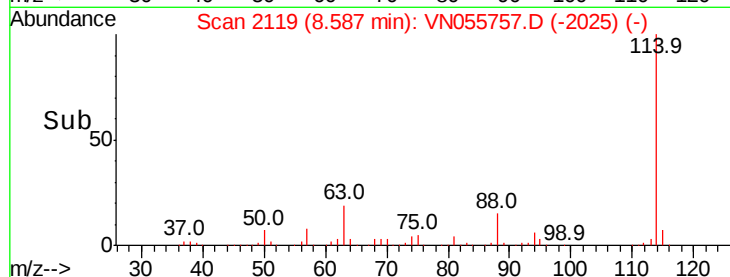
88 15.3 0.0 31.0



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: 48.641 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055757.D

Acq: 23 May 2019 16:46

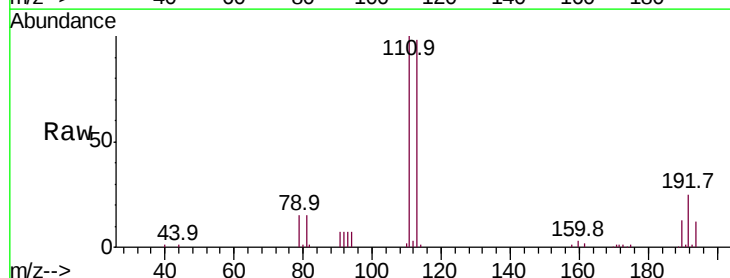
Tgt Ion:113 Resp: 206842

Ion Ratio Lower Upper

113 100

111 101.5 81.9 122.9

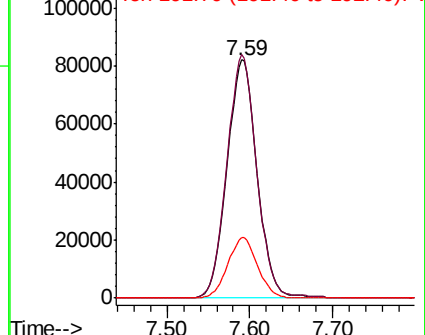
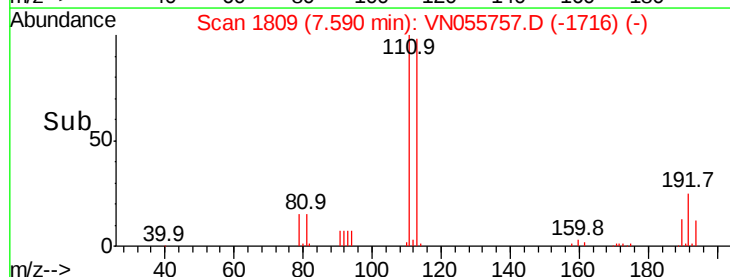
192 25.1 19.5 29.3

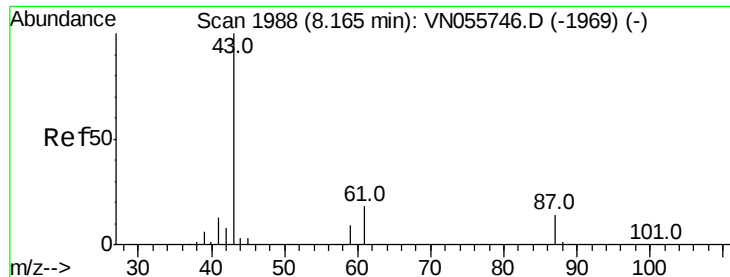


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.706 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055757.D

Acq: 23 May 2019 16:46

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PB119982TB

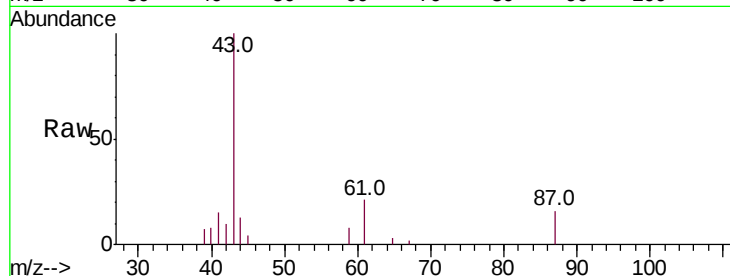
Tot Ion: 43 Resp: 16241

Ion Ratio Lower Upper

43 100

61 18.9 22.2 33.4#

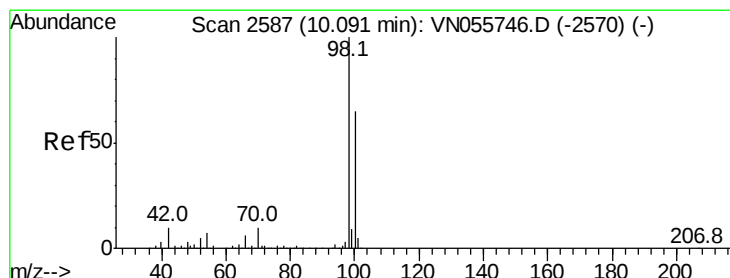
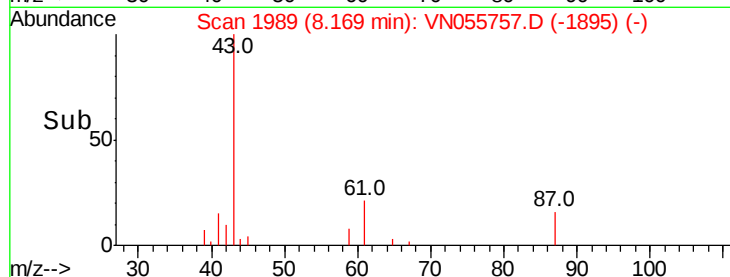
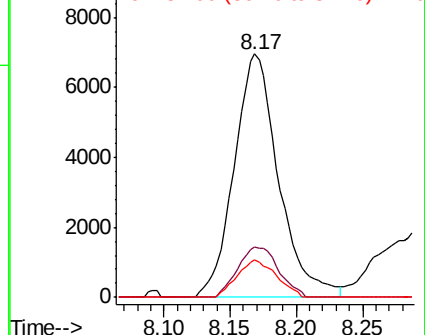
87 13.5 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 48.669 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055757.D

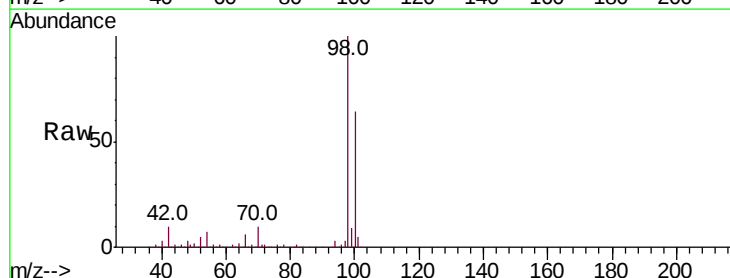
Acq: 23 May 2019 16:46

Tgt Ion: 98 Resp: 793879

Ion Ratio Lower Upper

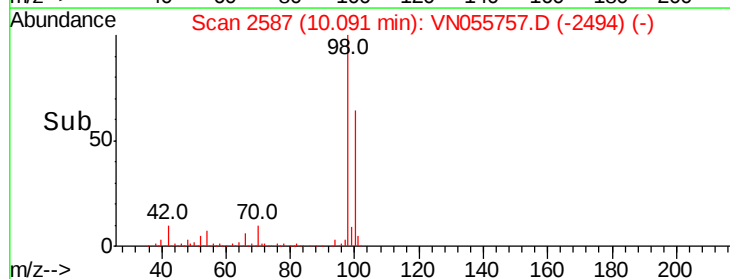
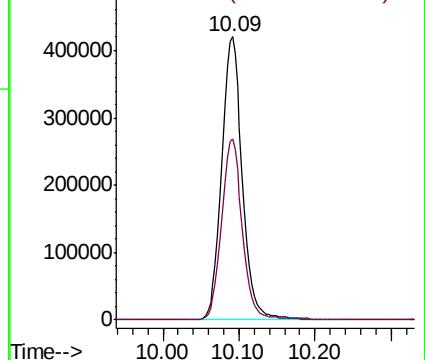
98 100

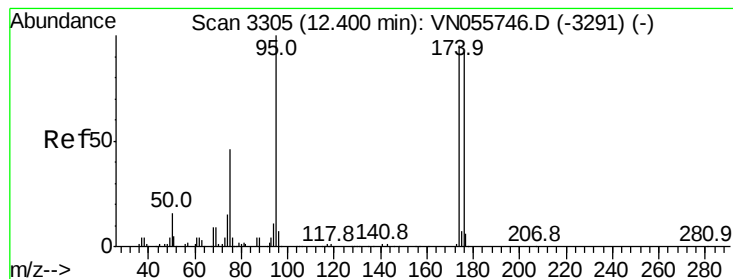
100 64.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 46.069 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055757.D

Acq: 23 May 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

PB119982TB

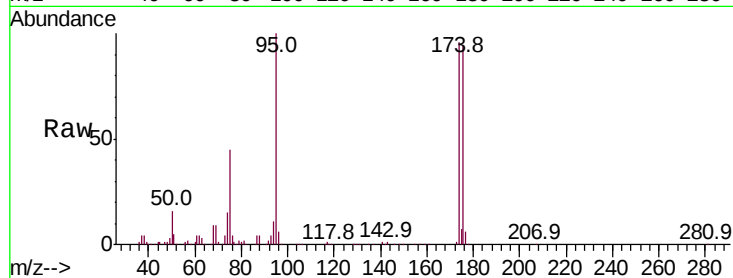
Tot Ion: 95 Resp: 257672

Ion Ratio Lower Upper

95 100

174 98.2 0.0 191.0

176 96.2 0.0 185.2

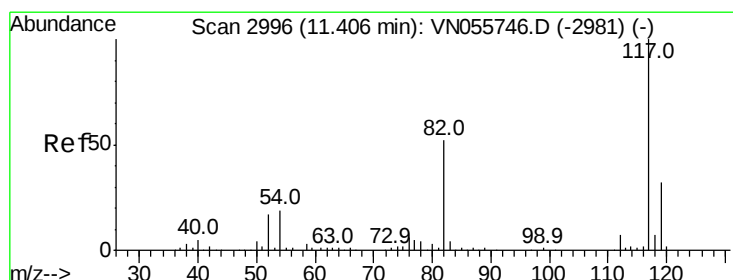
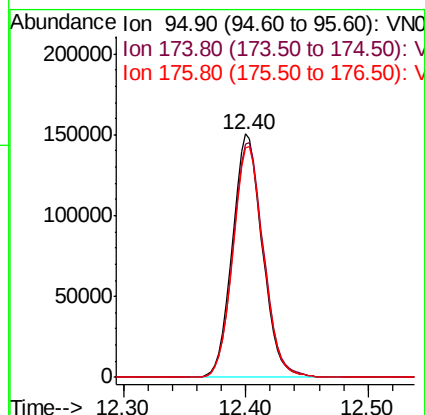
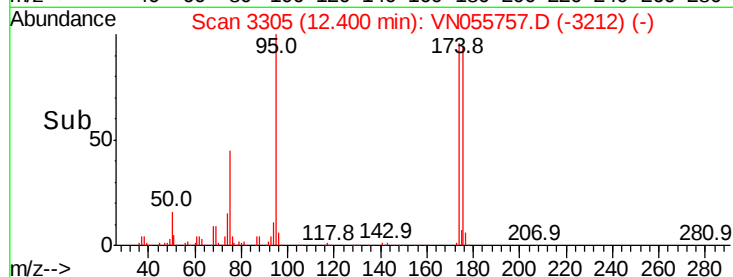


Abundance Ion 94.90 (94.60 to 95.60): VN055746.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055746.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055746.D (-3291) (-)

12.40



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055757.D

Acq: 23 May 2019 16:46

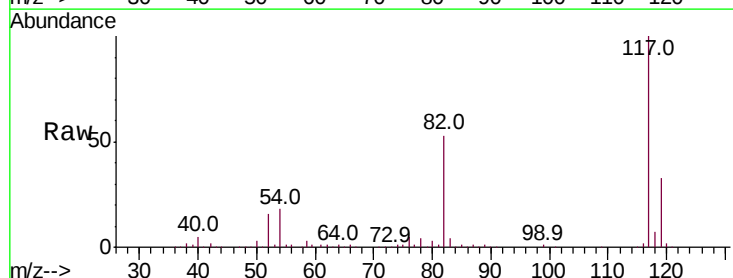
Tgt Ion: 117 Resp: 603956

Ion Ratio Lower Upper

117 100

82 52.8 41.8 62.8

119 32.8 25.4 38.0

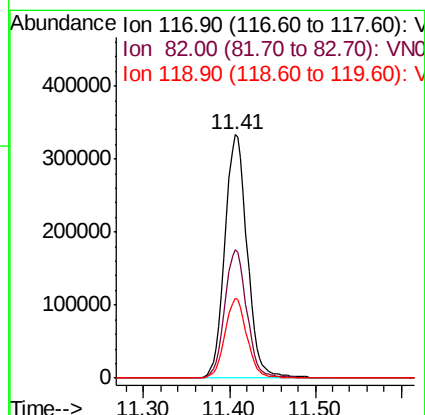
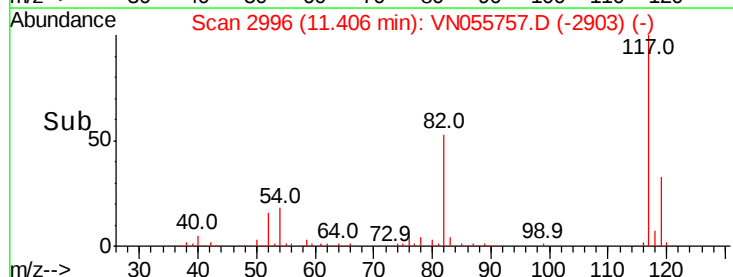


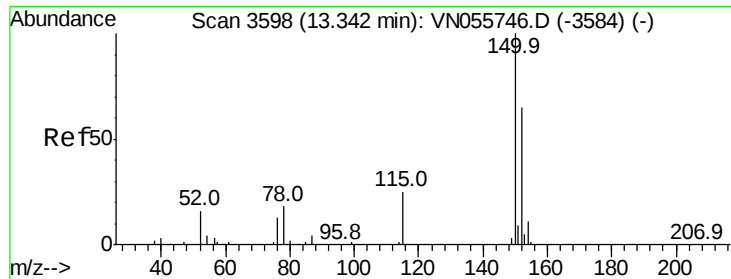
Abundance Ion 116.90 (116.60 to 117.60): VN055746.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055746.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055746.D (-2981) (-)

11.41





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055757.D

Acq: 23 May 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

PB119982TB

Tot Ion:152 Resp: 227115

Ion Ratio Lower Upper

152 100

115 52.3 27.0 81.0

150 155.2 0.0 343.2

