

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011720\
 Data File : VN059755.D
 Acq On : 17 Jan 2020 13:01
 Operator : JC/MD
 Sample : L1008-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-011620

Quant Time: Jan 18 01:23:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 14 08:58:21 2020
 Response via : Initial Calibration

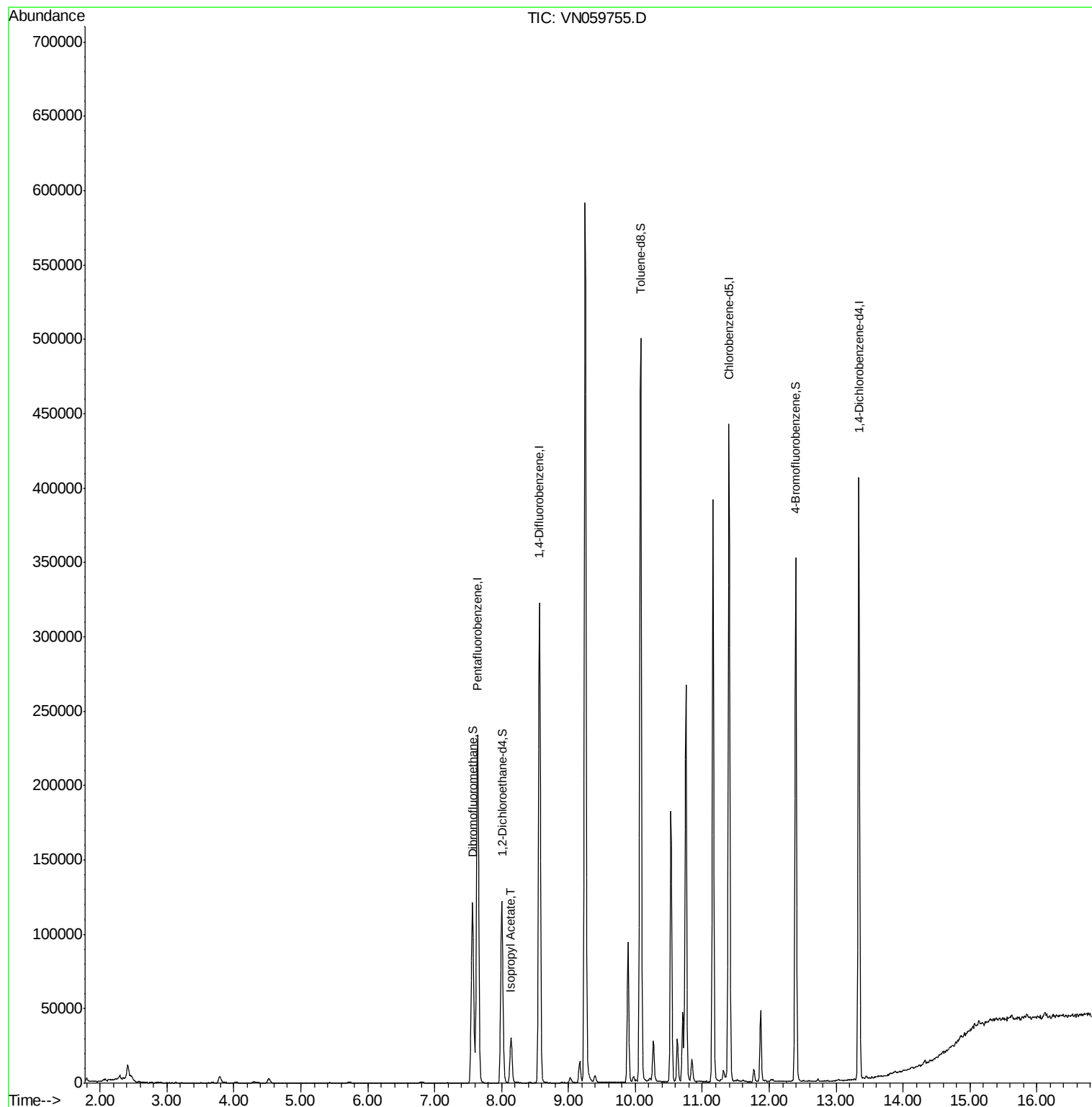
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	204310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	305080	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	264165	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	110621	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	106132	46.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.56%	
35) Dibromofluoromethane	7.57	113	92689	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
50) Toluene-d8	10.08	98	352809	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
62) 4-Bromofluorobenzene	12.40	95	117480	46.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.46%	
Target Compounds						
43) Isopropyl Acetate	8.14	43	36888	8.607	ug/l #	92

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059755.D

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Instrument :

MSVOA_N

ClientSampleId :

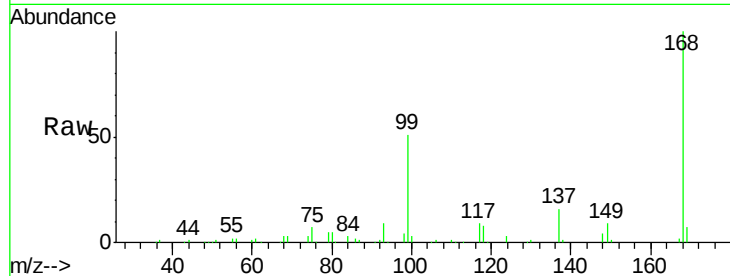
CL-01-011620

Tot Ion:168 Resp: 204310

Ion Ratio Lower Upper

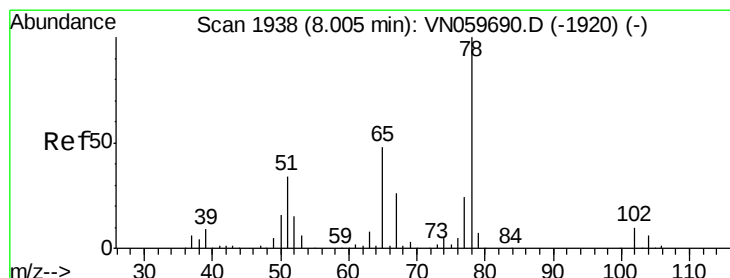
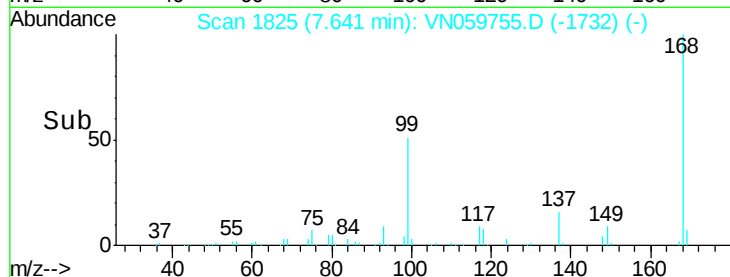
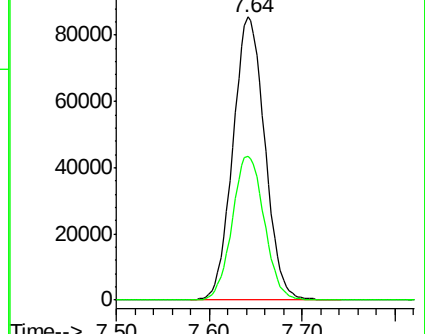
168 100

99 50.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 46.777 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059755.D

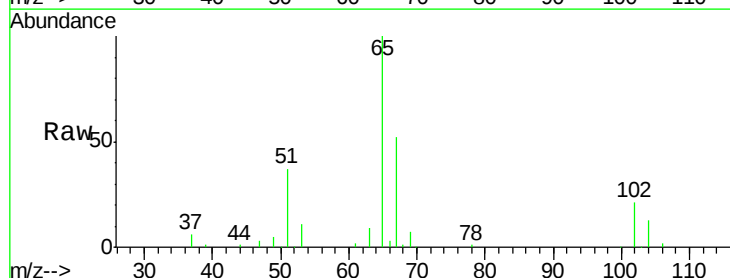
Acq: 17 Jan 2020 13:01

Tgt Ion: 65 Resp: 106132

Ion Ratio Lower Upper

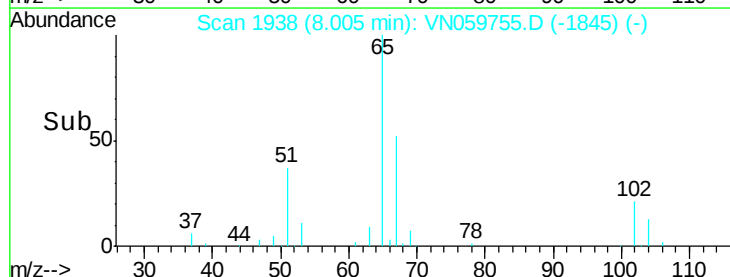
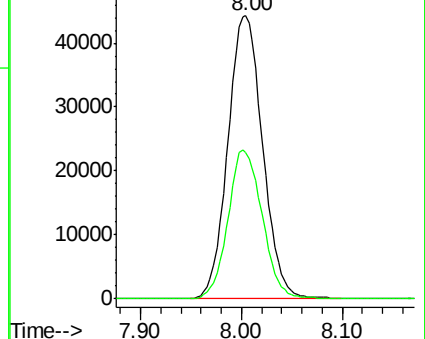
65 100

67 51.7 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

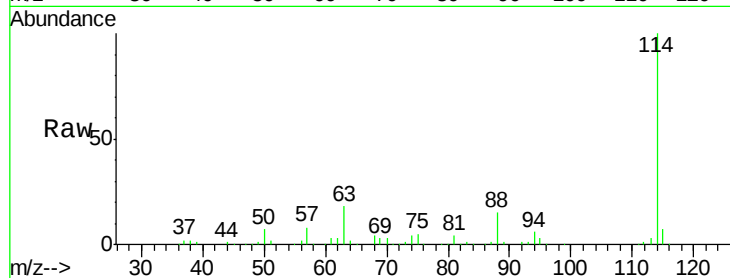




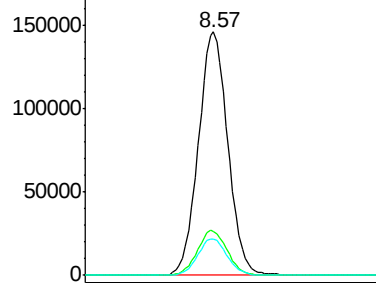
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059755.D
 Acq: 17 Jan 2020 13:01

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-011620

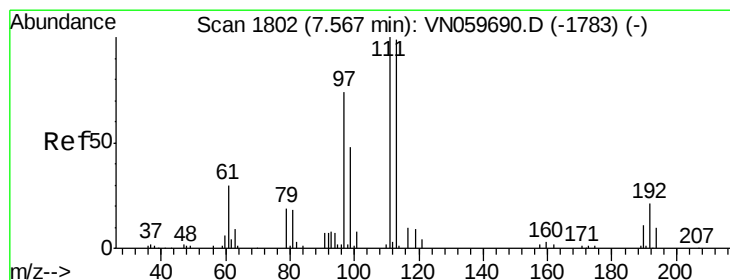
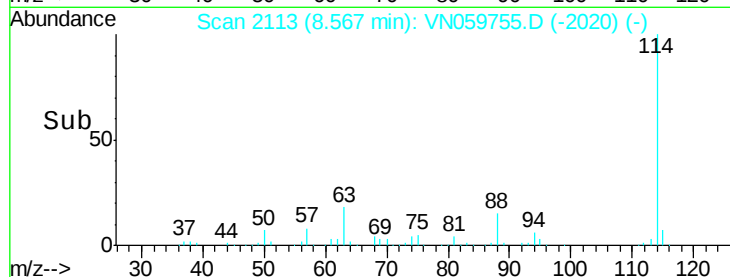
Tot Ion:114 Resp: 305080
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 43.6
 88 15.1 0.0 31.4



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

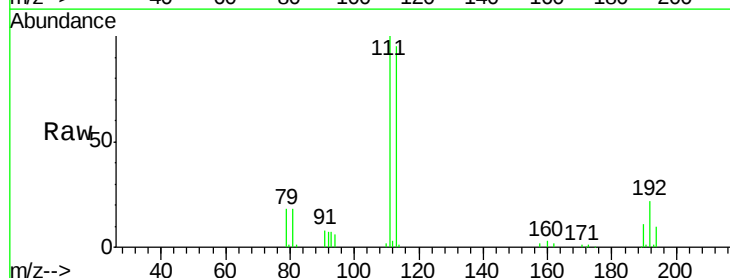


Time-->

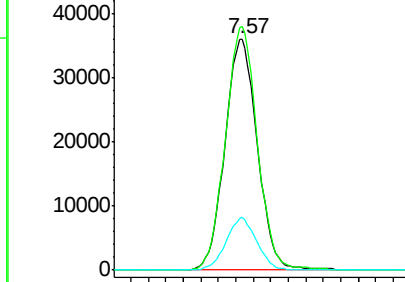


#35
 Dibromofluoromethane
 Concen: 50.947 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059755.D
 Acq: 17 Jan 2020 13:01

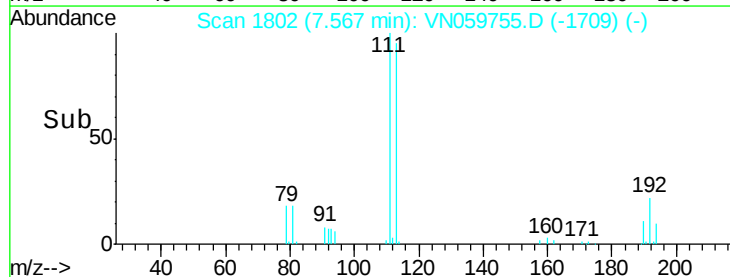
Tgt Ion:113 Resp: 92689
 Ion Ratio Lower Upper
 113 100
 111 103.7 83.5 125.3
 192 21.3 15.4 23.2

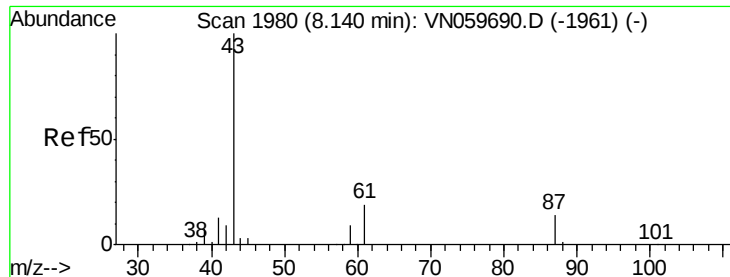


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V



Time-->





#43

Isopropyl Acetate

Concen: 8.607 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059755.D

Acq: 17 Jan 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

CL-01-011620

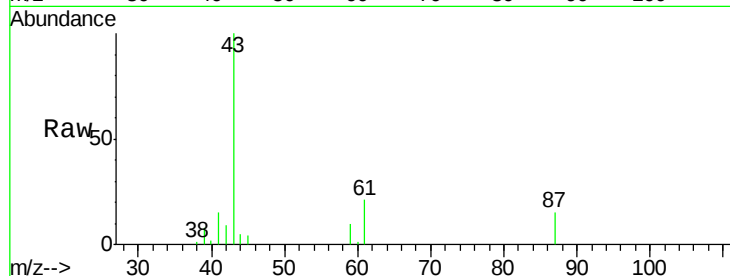
Tot Ion: 43 Resp: 36888

Ion Ratio Lower Upper

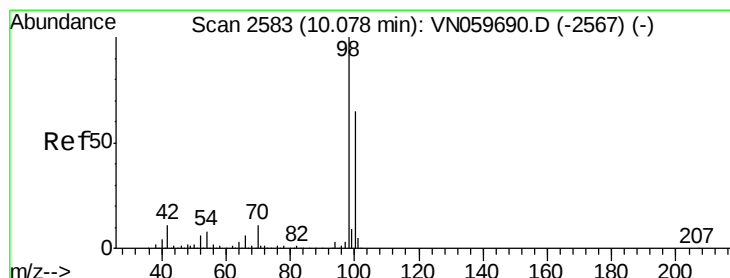
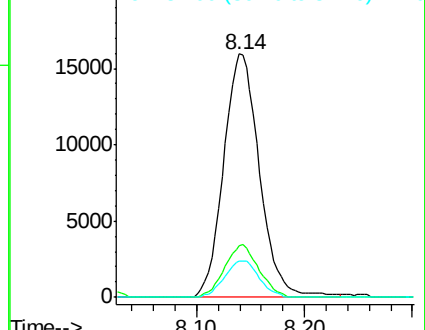
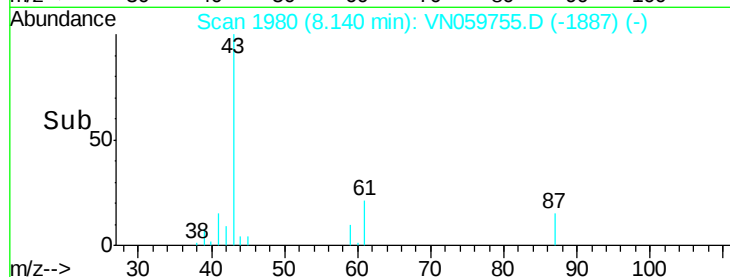
43 100

61 20.6 20.2 30.2

87 14.3 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059755.D (-1887) (-)



#50

Toluene-d8

Concen: 50.051 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN059755.D

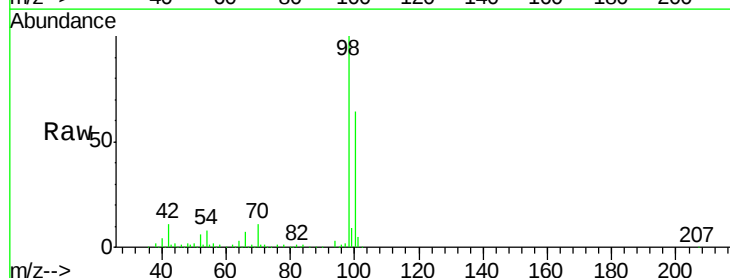
Acq: 17 Jan 2020 13:01

Tgt Ion: 98 Resp: 352809

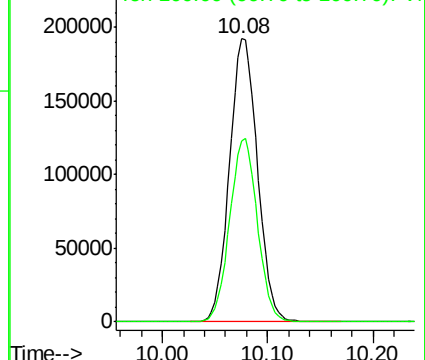
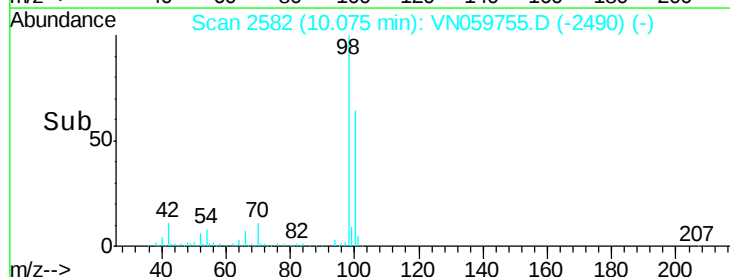
Ion Ratio Lower Upper

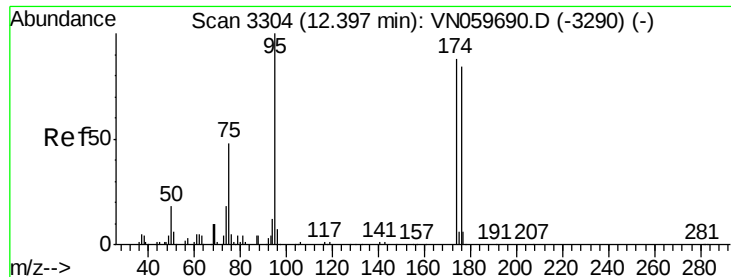
98 100

100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN059755.D (-2490) (-)





#62

4-Bromofluorobenzene

Concen: 46.231 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059755.D

Acq: 17 Jan 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

CL-01-011620

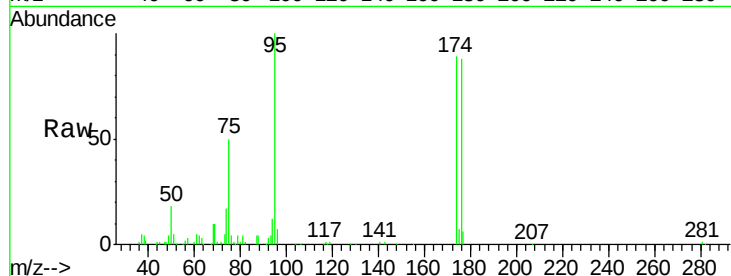
Tot Ion: 95 Resp: 117480

Ion Ratio Lower Upper

95 100

174 88.6 0.0 151.4

176 87.7 0.0 146.0

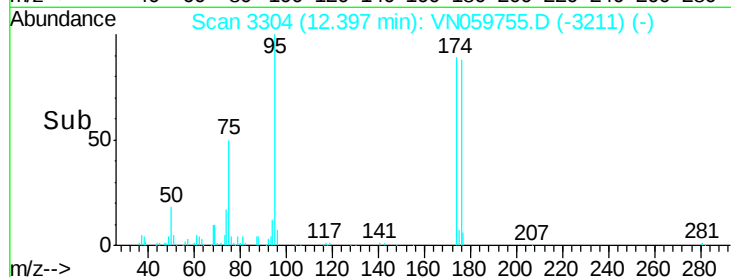


Abundance Ion 94.90 (94.60 to 95.60): VN059755.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN059755.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN059755.D (-3211) (-)

Time--> 12.30 12.35 12.40 12.45

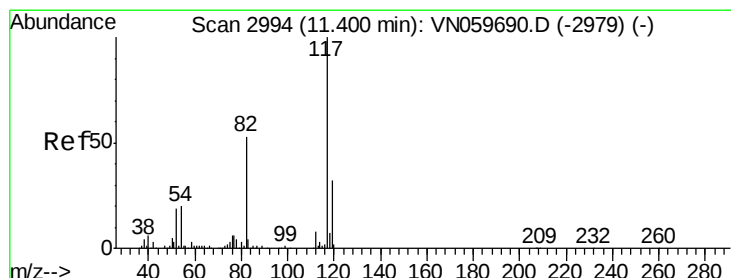


Abundance Ion 94.90 (94.60 to 95.60): VN059755.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN059755.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN059755.D (-3211) (-)

Time--> 12.30 12.35 12.40 12.45



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059755.D

Acq: 17 Jan 2020 13:01

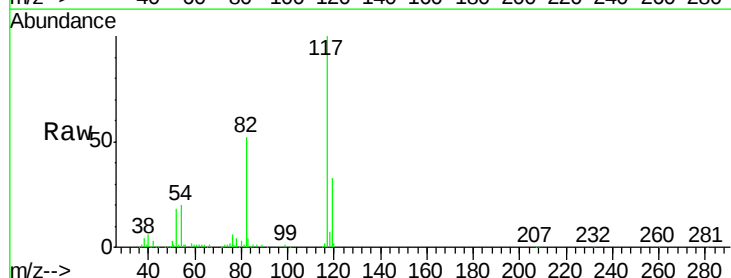
Tgt Ion: 117 Resp: 264165

Ion Ratio Lower Upper

117 100

82 52.0 45.9 68.9

119 32.6 25.5 38.3

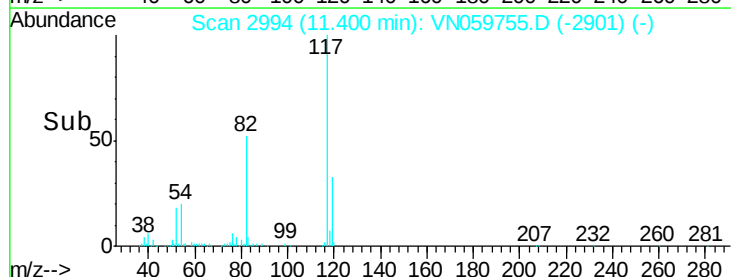


Abundance Ion 116.90 (116.60 to 117.60): VN059755.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN059755.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN059755.D (-2901) (-)

Time--> 11.30 11.40 11.50

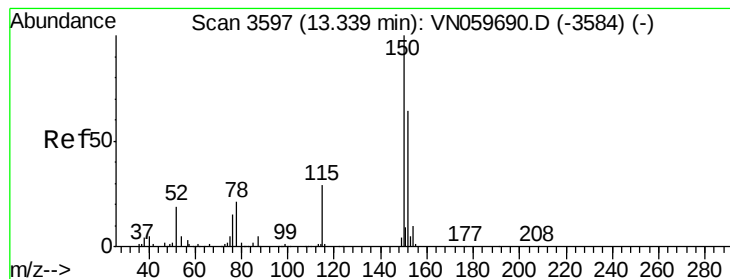


Abundance Ion 116.90 (116.60 to 117.60): VN059755.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN059755.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN059755.D (-2901) (-)

Time--> 11.30 11.40 11.50



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059755.D

Acq: 17 Jan 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

CL-01-011620

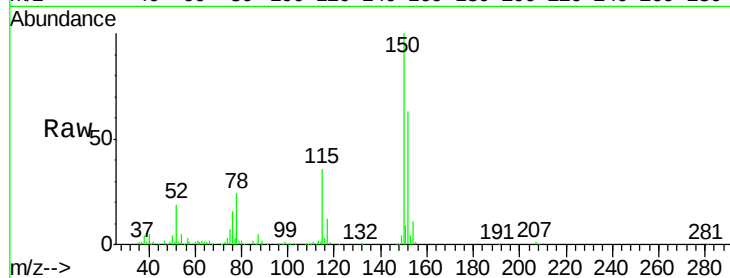
Tot Ion:152 Resp: 110621

Ion Ratio Lower Upper

152 100

115 56.8 30.3 90.9

150 158.1 0.0 345.2



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

