

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012420\
 Data File : VN059844.D
 Acq On : 24 Jan 2020 14:44
 Operator : JC/MD
 Sample : L1016-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-04-012320

Quant Time: Jan 25 01:07:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

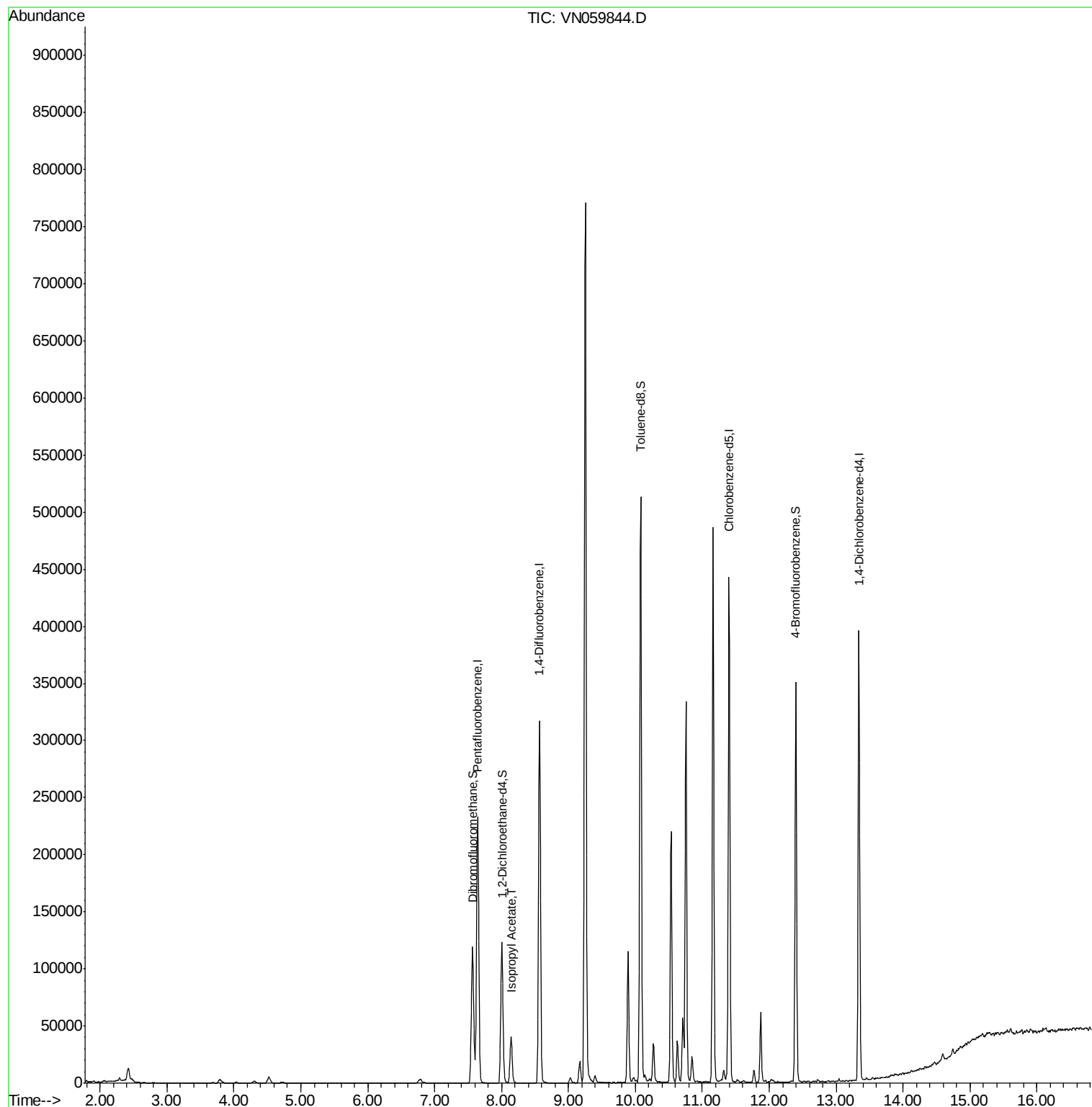
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	202185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	302159	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	265531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	108788	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	106356	47.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.74%	
35) Dibromofluoromethane	7.56	113	90841	50.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.82%	
50) Toluene-d8	10.08	98	354562	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
62) 4-Bromofluorobenzene	12.40	95	116840	46.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.84%	
Target Compounds						
43) Isopropyl Acetate	8.14	43	46416	10.934	ug/l #	Qvalue 92

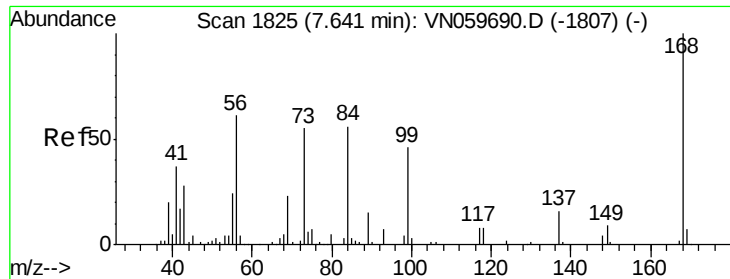
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059844.D

Acq: 24 Jan 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

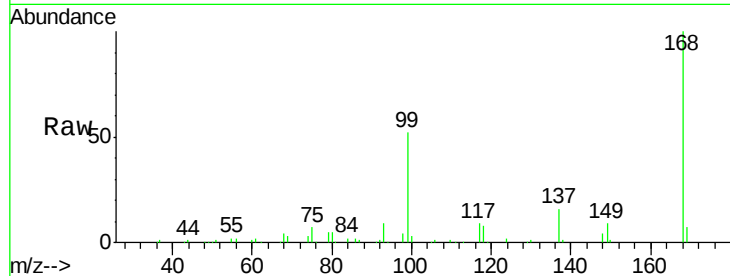
SU-04-012320

Tot Ion:168 Resp: 202185

Ion Ratio Lower Upper

168 100

99 52.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

80000

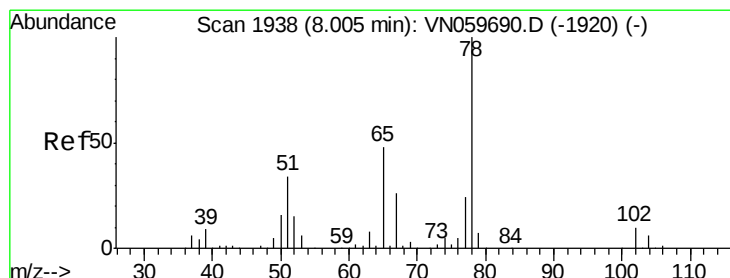
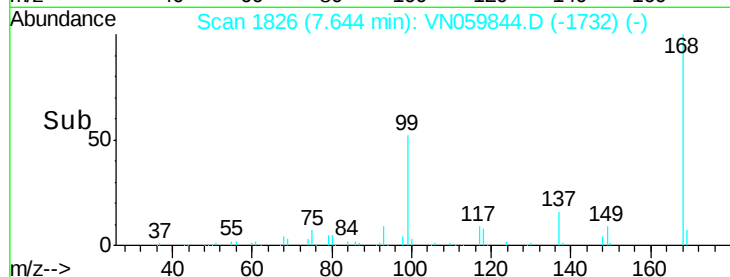
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 47.368 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059844.D

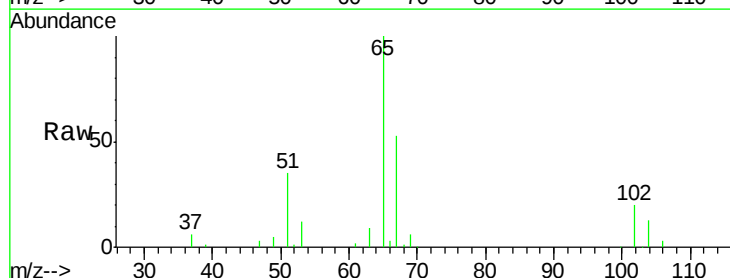
Acq: 24 Jan 2020 14:44

Tgt Ion: 65 Resp: 106356

Ion Ratio Lower Upper

65 100

67 52.1 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.00

50000

40000

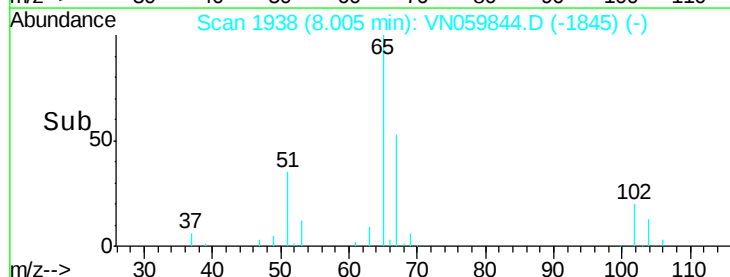
30000

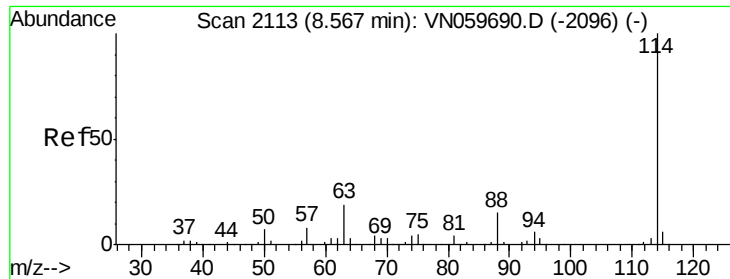
20000

10000

0

Time--> 7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN059844.D

Acq: 24 Jan 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

SU-04-012320

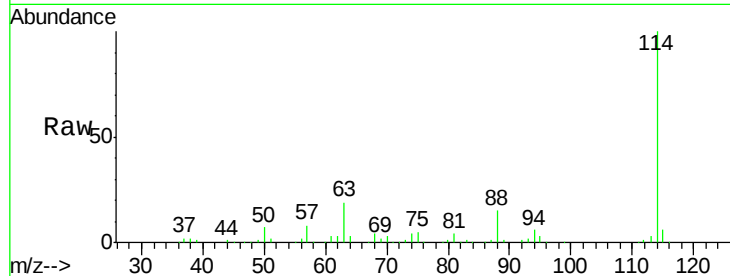
Tot Ion:114 Resp: 302159

Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.6

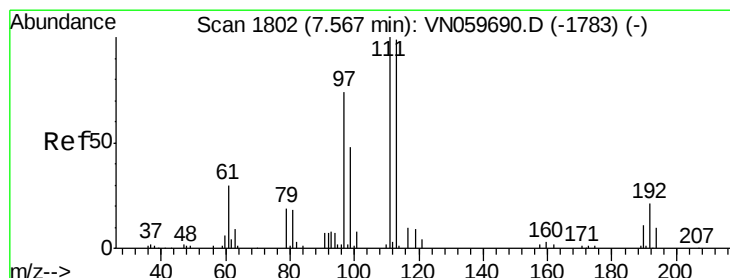
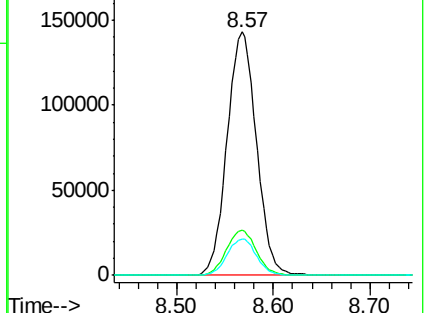
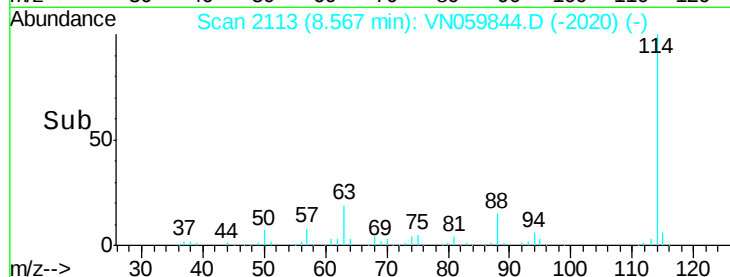
88 14.7 0.0 31.4



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



#35

Dibromofluoromethane

Concen: 50.414 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN059844.D

Acq: 24 Jan 2020 14:44

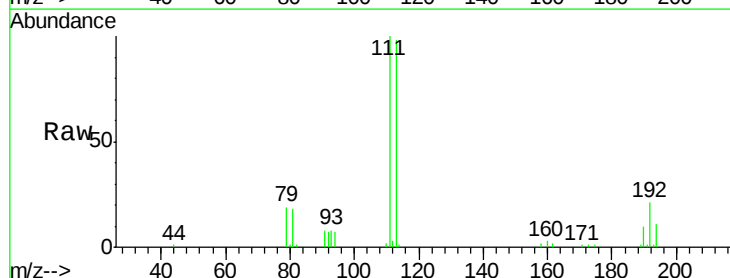
Tgt Ion:113 Resp: 90841

Ion Ratio Lower Upper

113 100

111 101.6 83.5 125.3

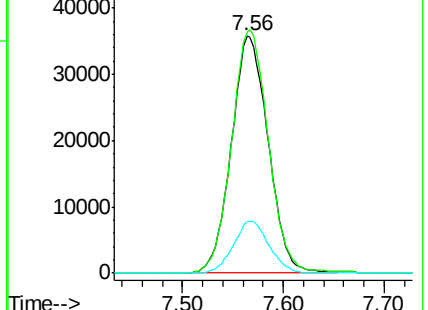
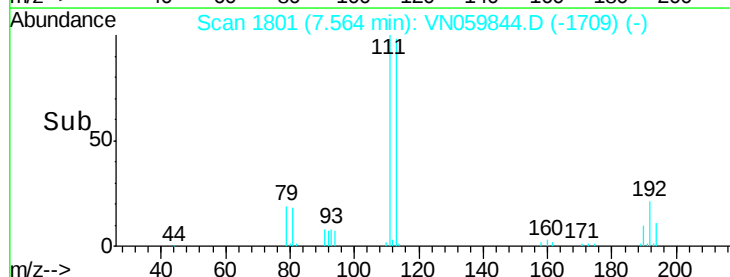
192 21.1 15.4 23.2

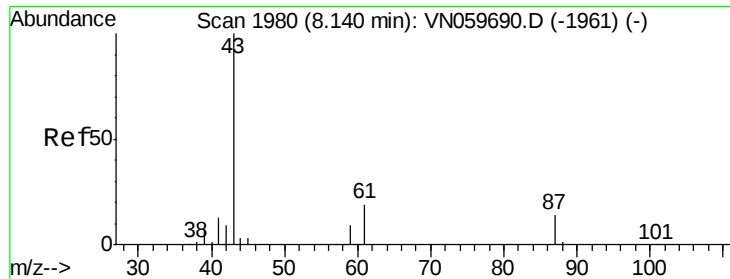


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.934 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059844.D

Acq: 24 Jan 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

SU-04-012320

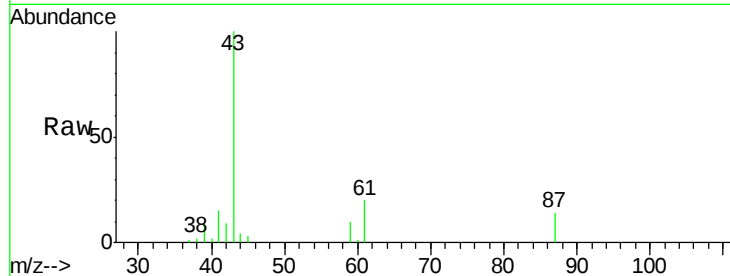
Tot Ion: 43 Resp: 46416

Ion Ratio Lower Upper

43 100

61 21.1 20.2 30.2

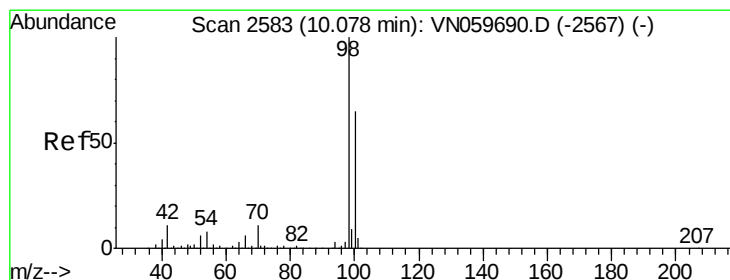
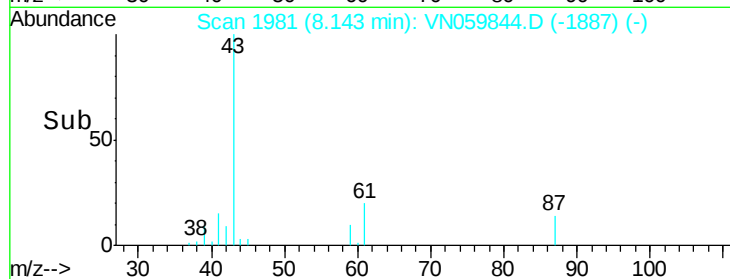
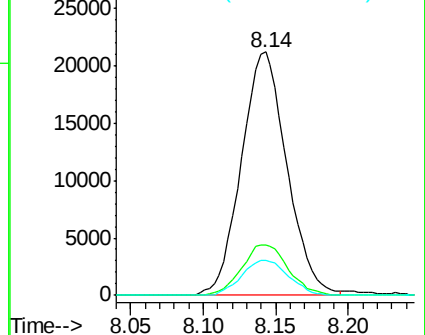
87 14.7 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059690.D (-1961) (-)

Ion 61.00 (60.70 to 61.70): VN059690.D (-1961) (-)

Ion 87.00 (86.70 to 87.70): VN059690.D (-1961) (-)



#50

Toluene-d8

Concen: 50.786 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059844.D

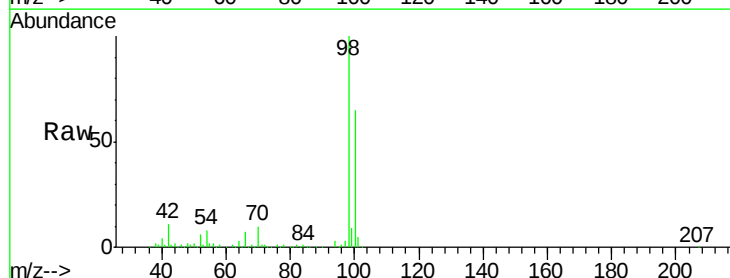
Acq: 24 Jan 2020 14:44

Tgt Ion: 98 Resp: 354562

Ion Ratio Lower Upper

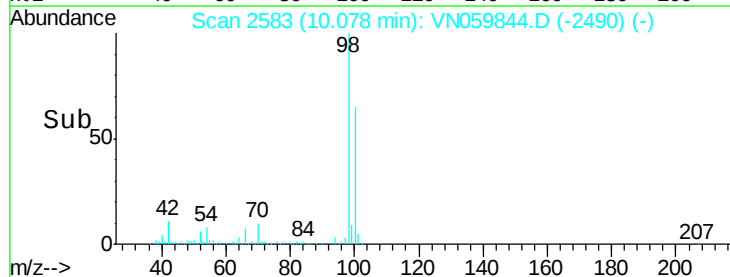
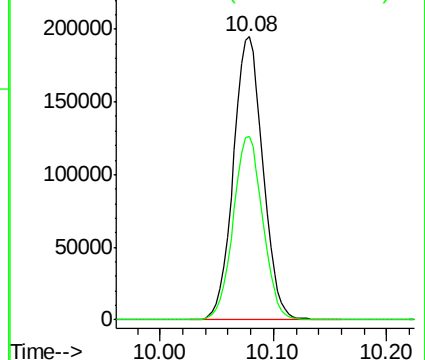
98 100

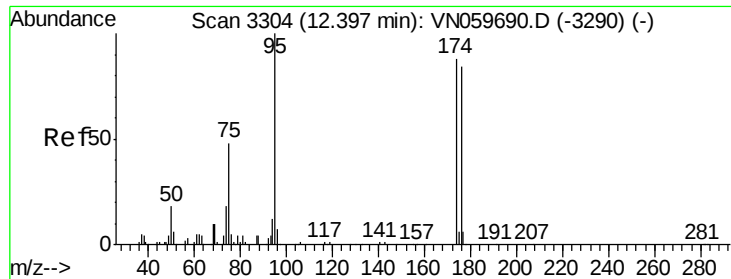
100 64.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN059690.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN059690.D (-2567) (-)





#62

4-Bromofluorobenzene

Concen: 46.424 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059844.D

Acq: 24 Jan 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

SU-04-012320

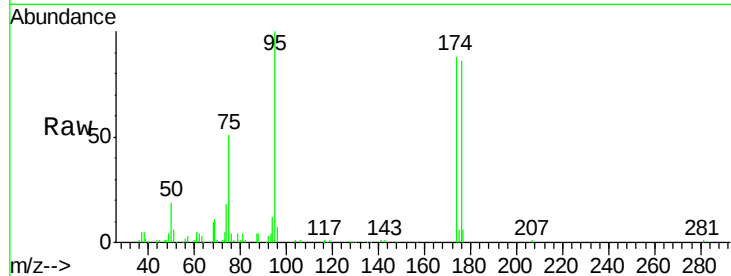
Tot Ion: 95 Resp: 116840

Ion Ratio Lower Upper

95 100

174 88.5 0.0 151.4

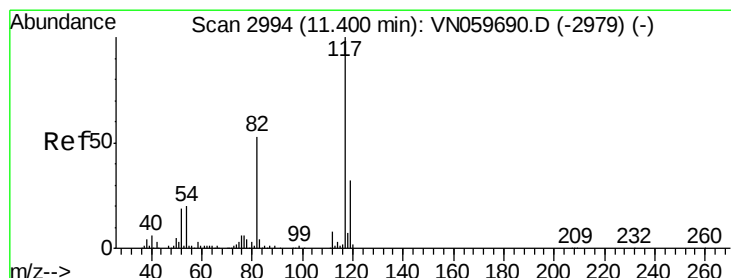
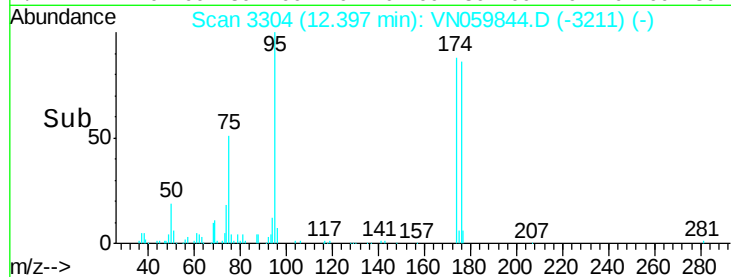
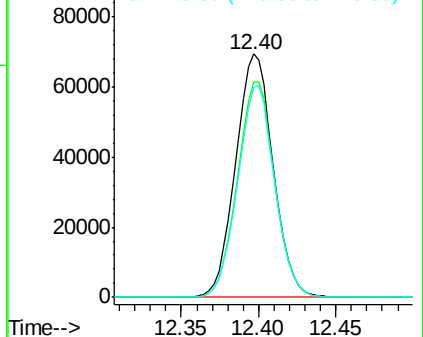
176 85.8 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059844.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN059844.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN059844.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059844.D

Acq: 24 Jan 2020 14:44

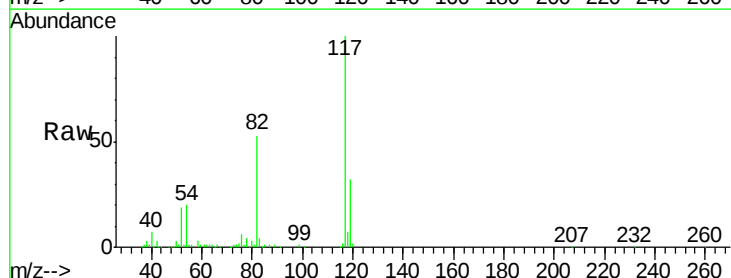
Tgt Ion: 117 Resp: 265531

Ion Ratio Lower Upper

117 100

82 53.0 45.9 68.9

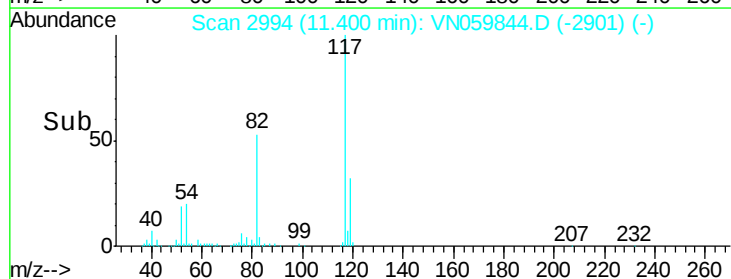
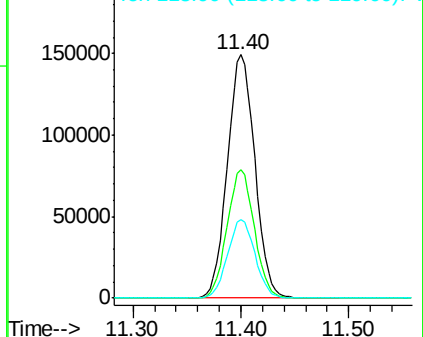
119 32.4 25.5 38.3

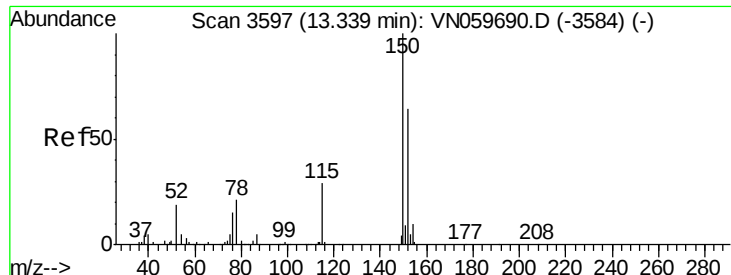


Abundance Ion 116.90 (116.60 to 117.60): VN059844.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN059844.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN059844.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059844.D

Acq: 24 Jan 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

SU-04-012320

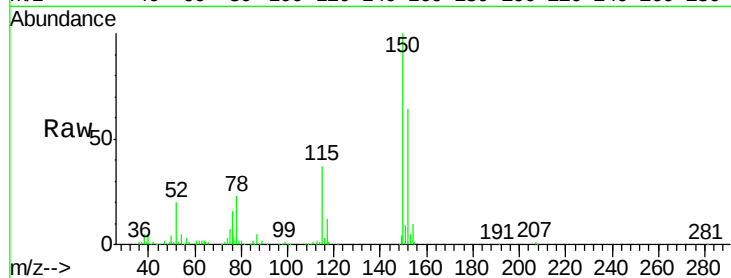
Tot Ion:152 Resp: 108788

Ion Ratio Lower Upper

152 100

115 58.0 30.3 90.9

150 157.3 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

