

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN013120\
 Data File : VN059944.D
 Acq On : 31 Jan 2020 13:48
 Operator : JC/MD
 Sample : L1325-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 346

Quant Time: Feb 03 03:05:27 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

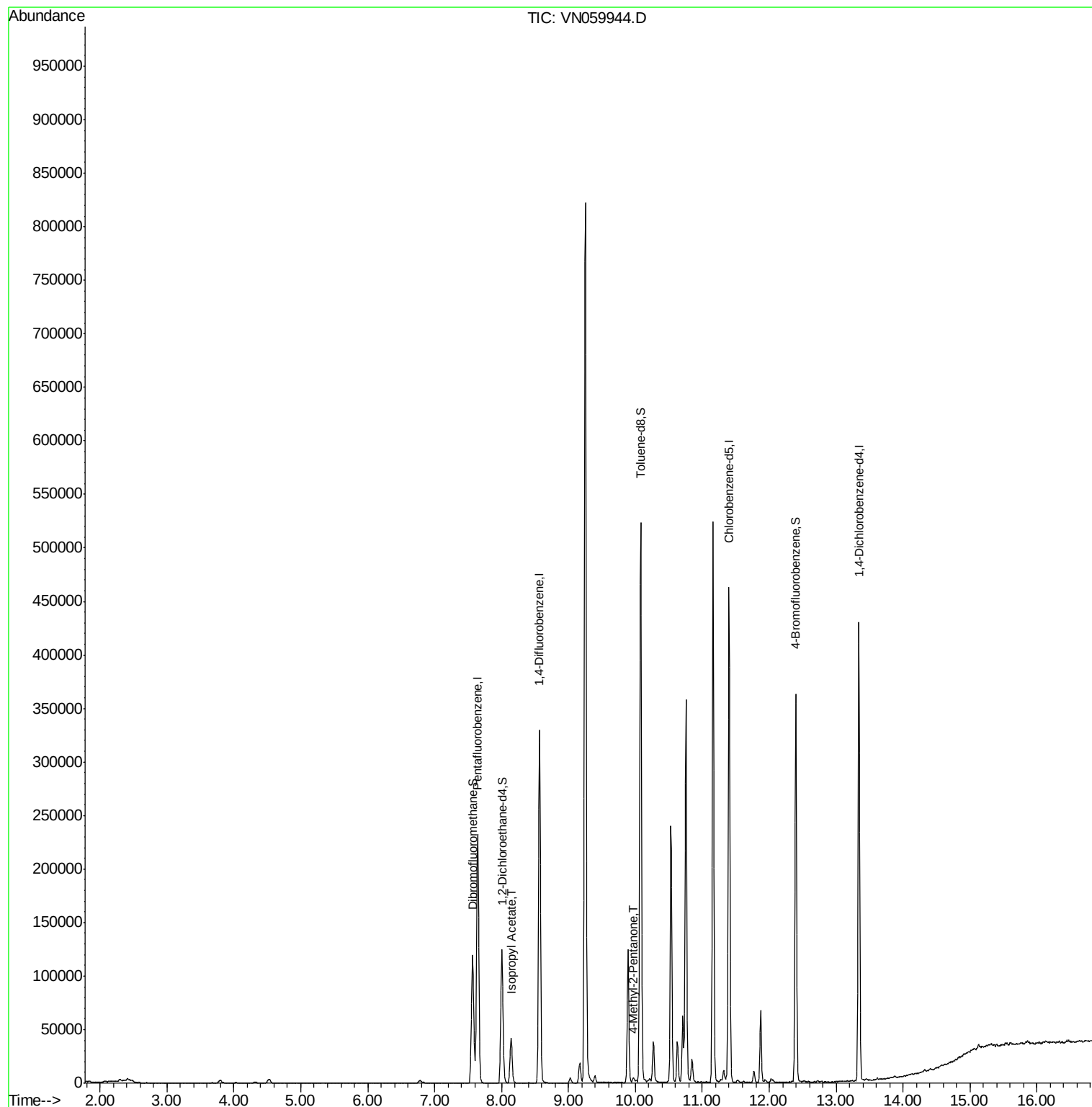
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	197924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	300642	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	272577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	118415	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	108834	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
35) Dibromofluoromethane	7.57	113	91141	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
50) Toluene-d8	10.08	98	359157	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.40%	
62) 4-Bromofluorobenzene	12.40	95	122985	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
Target Compounds						
43) Isopropyl Acetate	8.14	43	49948	11.826	ug/l #	90
51) 4-Methyl-2-Pentanone	9.97	43	3209	1.314	ug/l	96

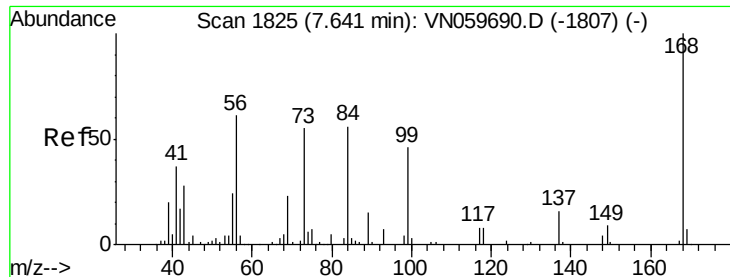
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN059944.D

Acq: 31 Jan 2020 13:48

Instrument :

MSVOA_N

ClientSampled :

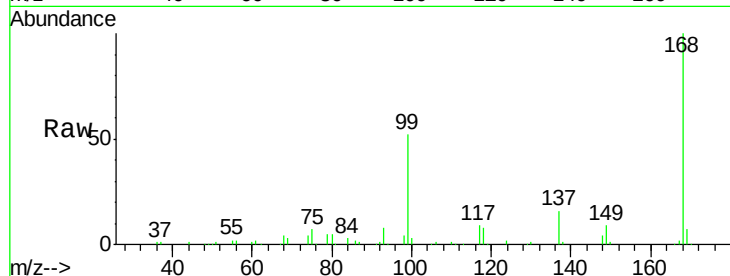
346

Tot Ion:168 Resp: 197924

Ion Ratio Lower Upper

168 100

99 52.2 48.2 72.4

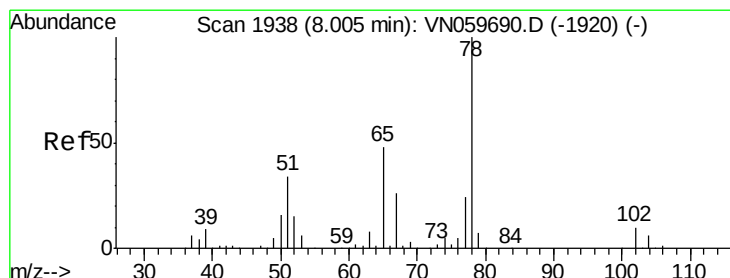
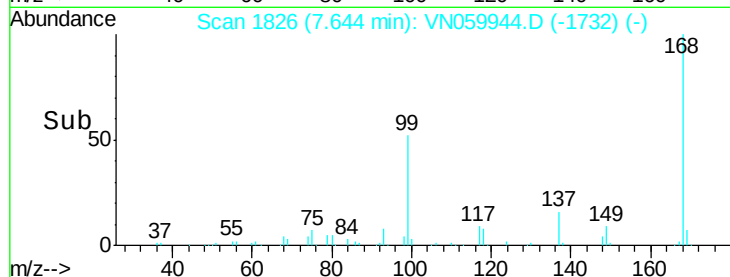


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 49.515 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059944.D

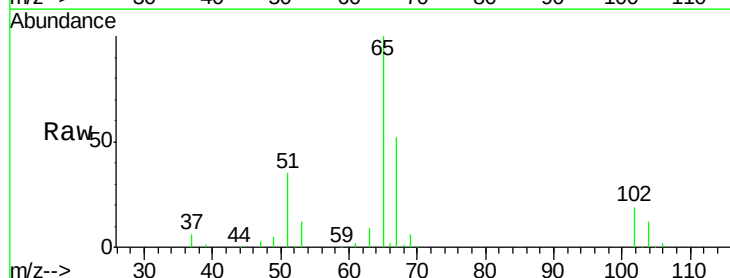
Acq: 31 Jan 2020 13:48

Tgt Ion: 65 Resp: 108834

Ion Ratio Lower Upper

65 100

67 52.9 0.0 103.0

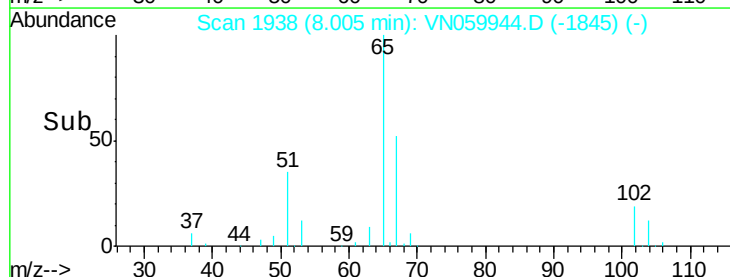


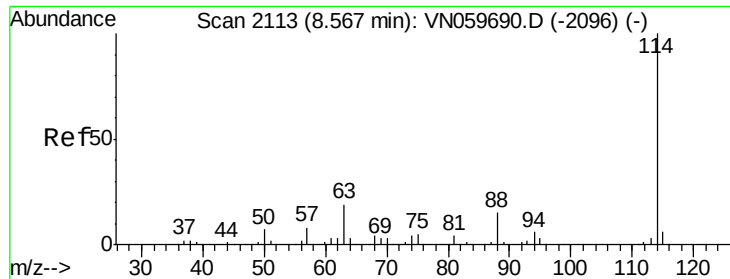
Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.00

Time--> 7.90 8.00 8.10

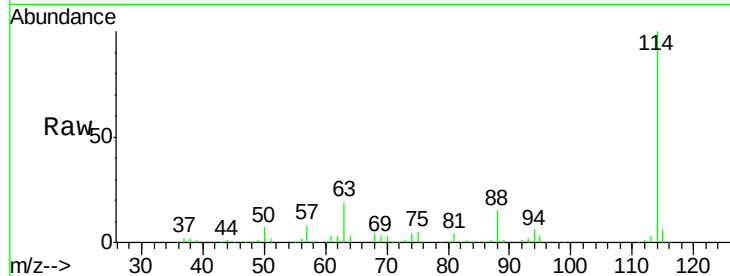




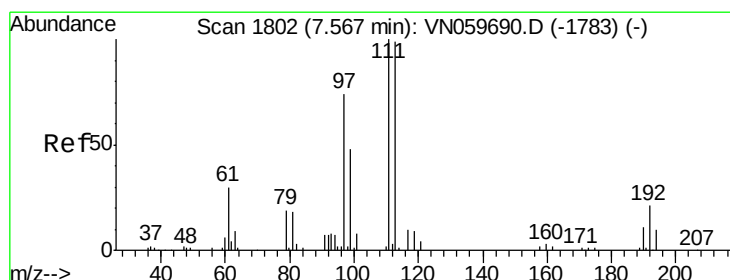
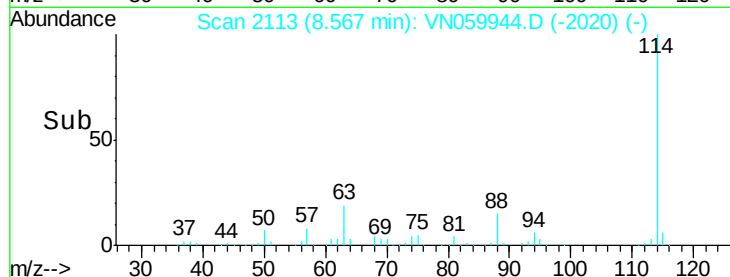
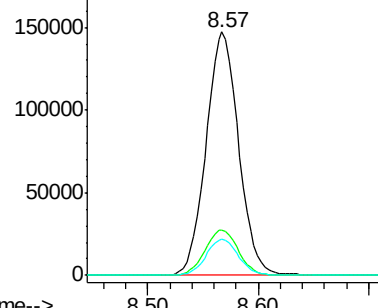
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN059944.D
Acq: 31 Jan 2020 13:48

Instrument :
MSVOA_N
ClientSampleId :
346

Tot Ion:114 Resp: 300642
Ion Ratio Lower Upper
114 100
63 18.7 0.0 43.6
88 14.8 0.0 31.4

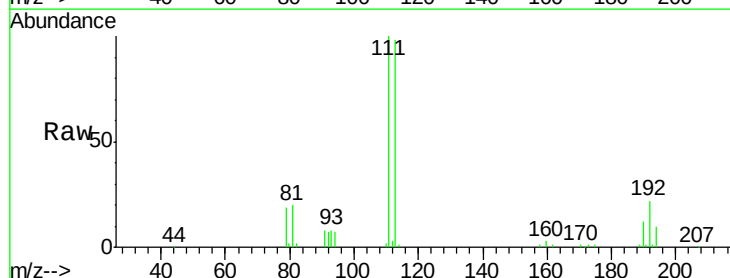


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

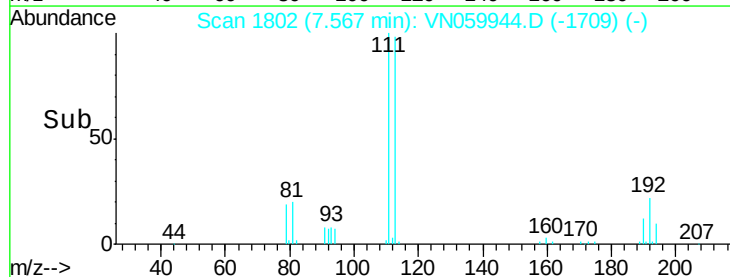
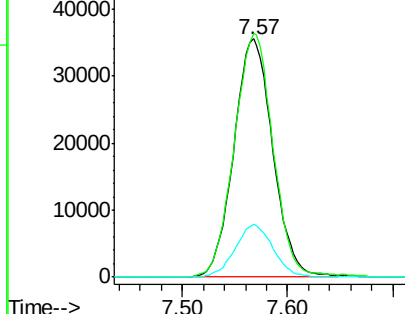


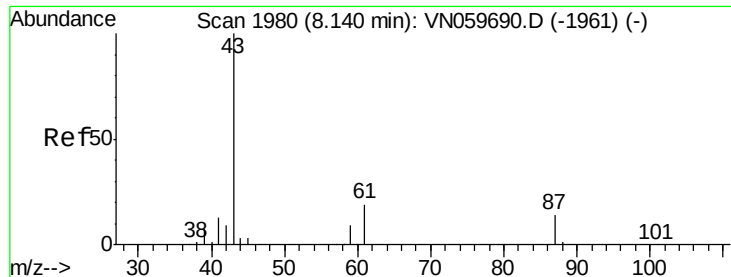
#35
Dibromofluoromethane
Concen: 50.836 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN059944.D
Acq: 31 Jan 2020 13:48

Tgt Ion:113 Resp: 91141
Ion Ratio Lower Upper
113 100
111 101.5 83.5 125.3
192 21.4 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: 11.826 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059944.D

Acq: 31 Jan 2020 13:48

Instrument :

MSVOA_N

ClientSampleId :

346

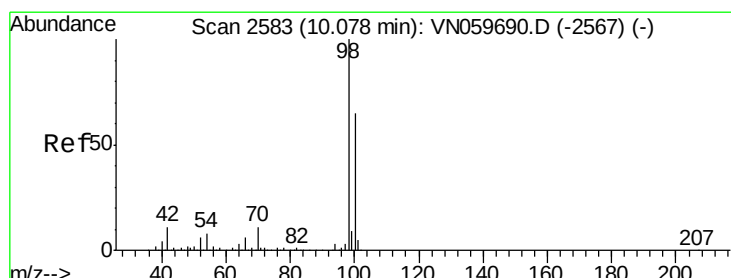
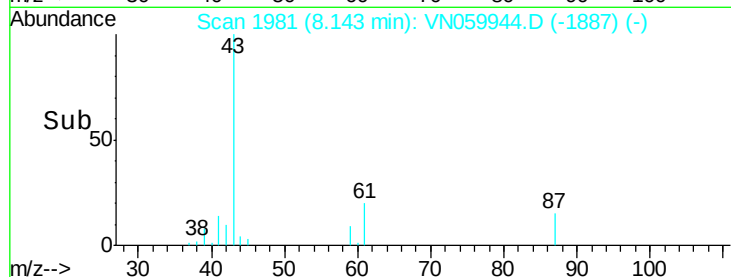
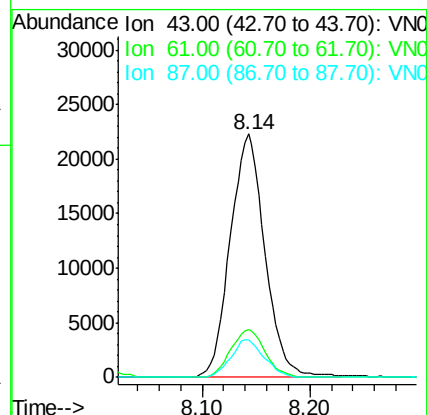
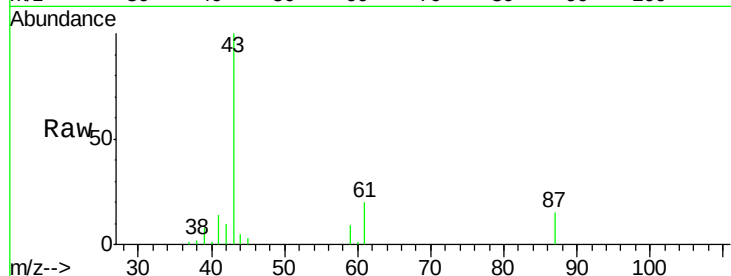
Tot Ion: 43 Resp: 49948

Ion Ratio Lower Upper

43 100

61 19.4 20.2 30.2#

87 14.6 9.5 14.3#



#50

Toluene-d8

Concen: 51.704 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059944.D

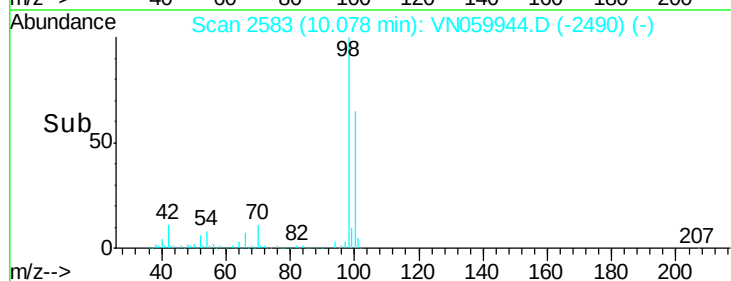
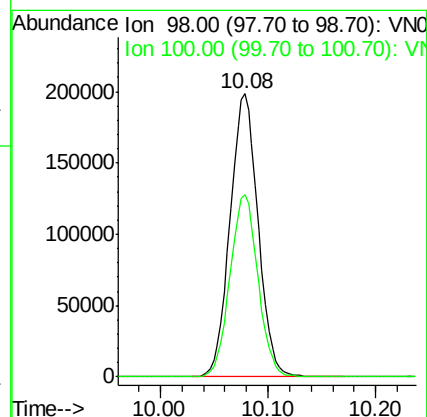
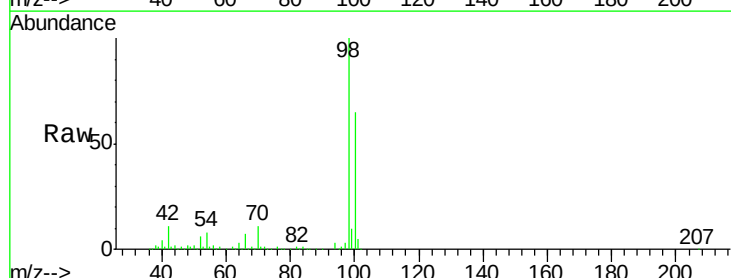
Acq: 31 Jan 2020 13:48

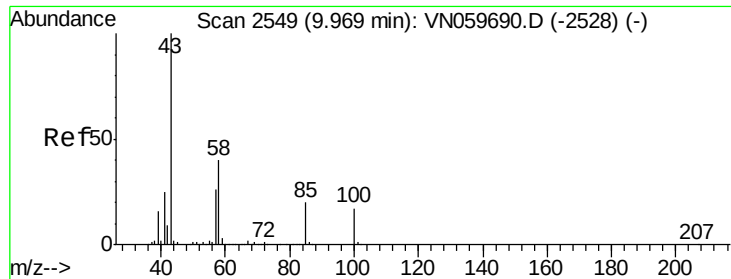
Tgt Ion: 98 Resp: 359157

Ion Ratio Lower Upper

98 100

100 64.4 51.2 76.8

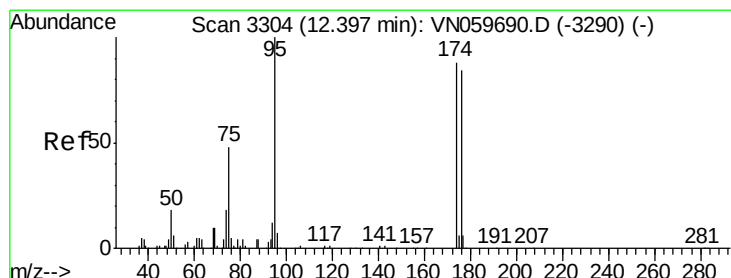
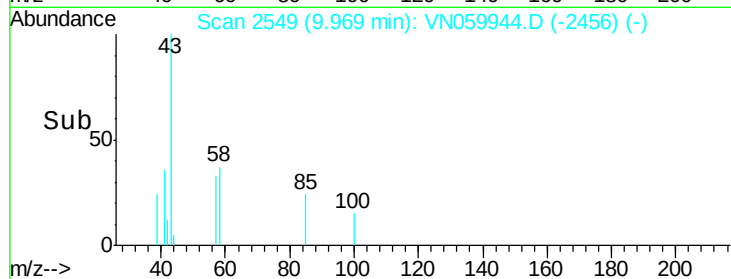
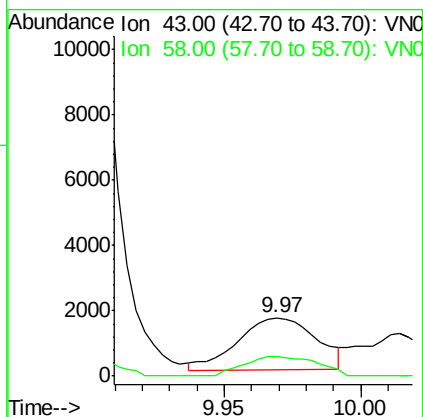
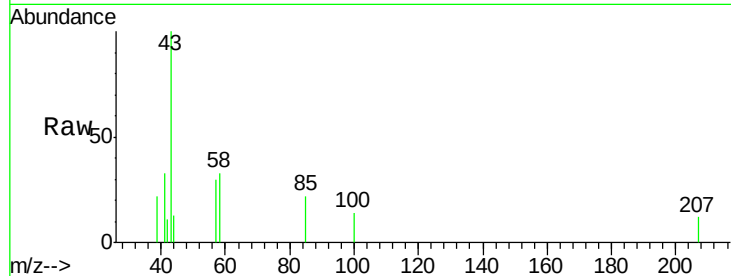




#51
 4-Methyl-2-Pentanone
 Concen: 1.314 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: VN059944.D
 Acq: 31 Jan 2020 13:48

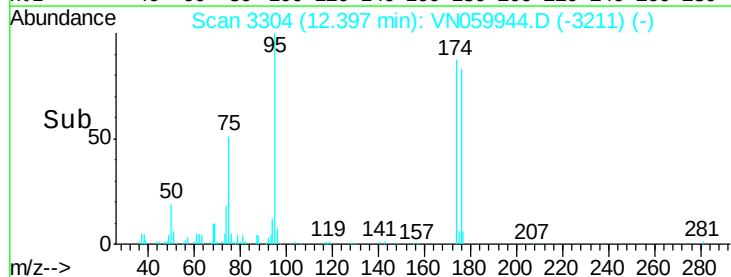
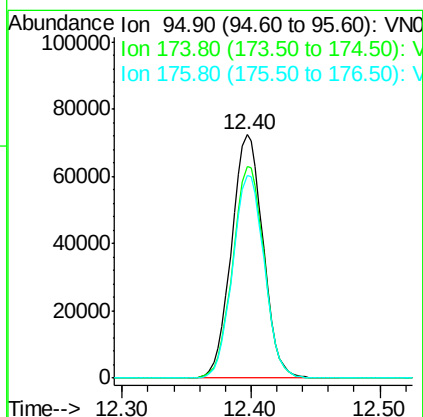
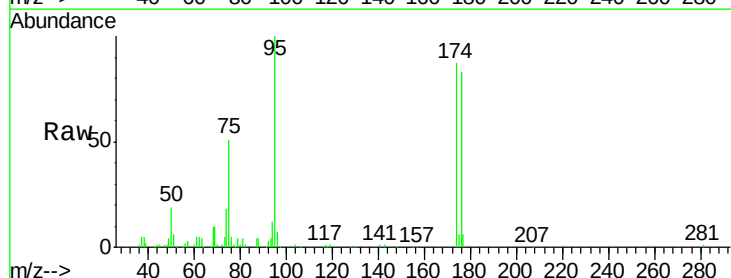
Instrument :
 MSVOA_N
 ClientSampleId :
 346

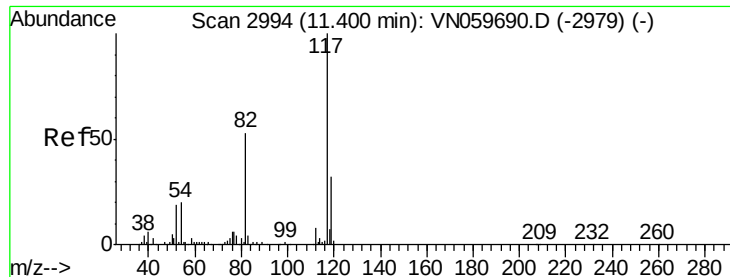
Tot Ion: 43 Resp: 3209
 Ion Ratio Lower Upper
 43 100
 58 34.9 29.8 44.8



#62
 4-Bromofluorobenzene
 Concen: 49.112 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059944.D
 Acq: 31 Jan 2020 13:48

Tgt Ion: 95 Resp: 122985
 Ion Ratio Lower Upper
 95 100
 174 86.8 0.0 151.4
 176 83.6 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059944.D

Acq: 31 Jan 2020 13:48

Instrument :

MSVOA_N

ClientSampled :

346

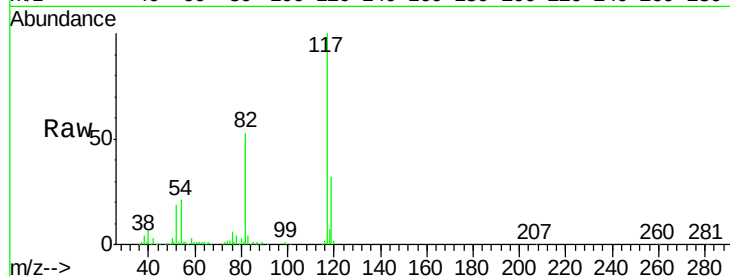
Tot Ion:117 Resp: 272577

Ion Ratio Lower Upper

117 100

82 52.7 45.9 68.9

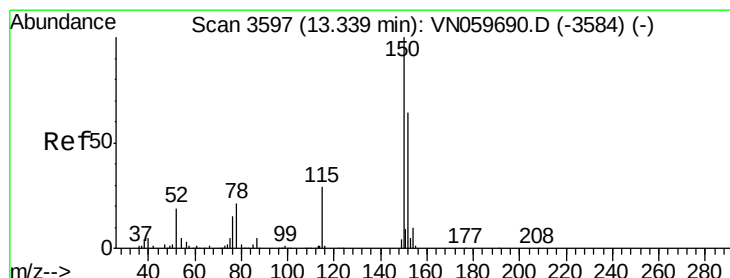
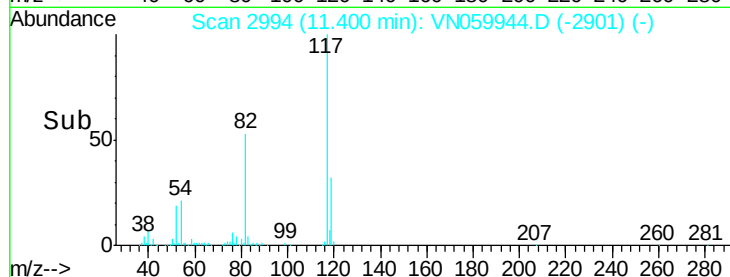
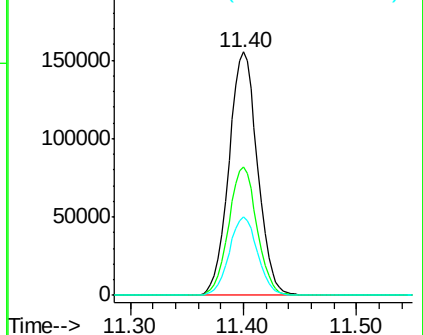
119 32.0 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059944.D

Acq: 31 Jan 2020 13:48

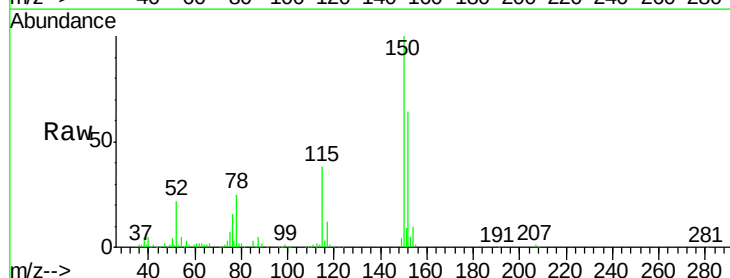
Tgt Ion:152 Resp: 118415

Ion Ratio Lower Upper

152 100

115 58.3 30.3 90.9

150 155.6 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

