

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020320\
 Data File : VN059976.D
 Acq On : 3 Feb 2020 15:48
 Operator : JC/MD
 Sample : L1329-17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 40098

Quant Time: Feb 04 08:07:42 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

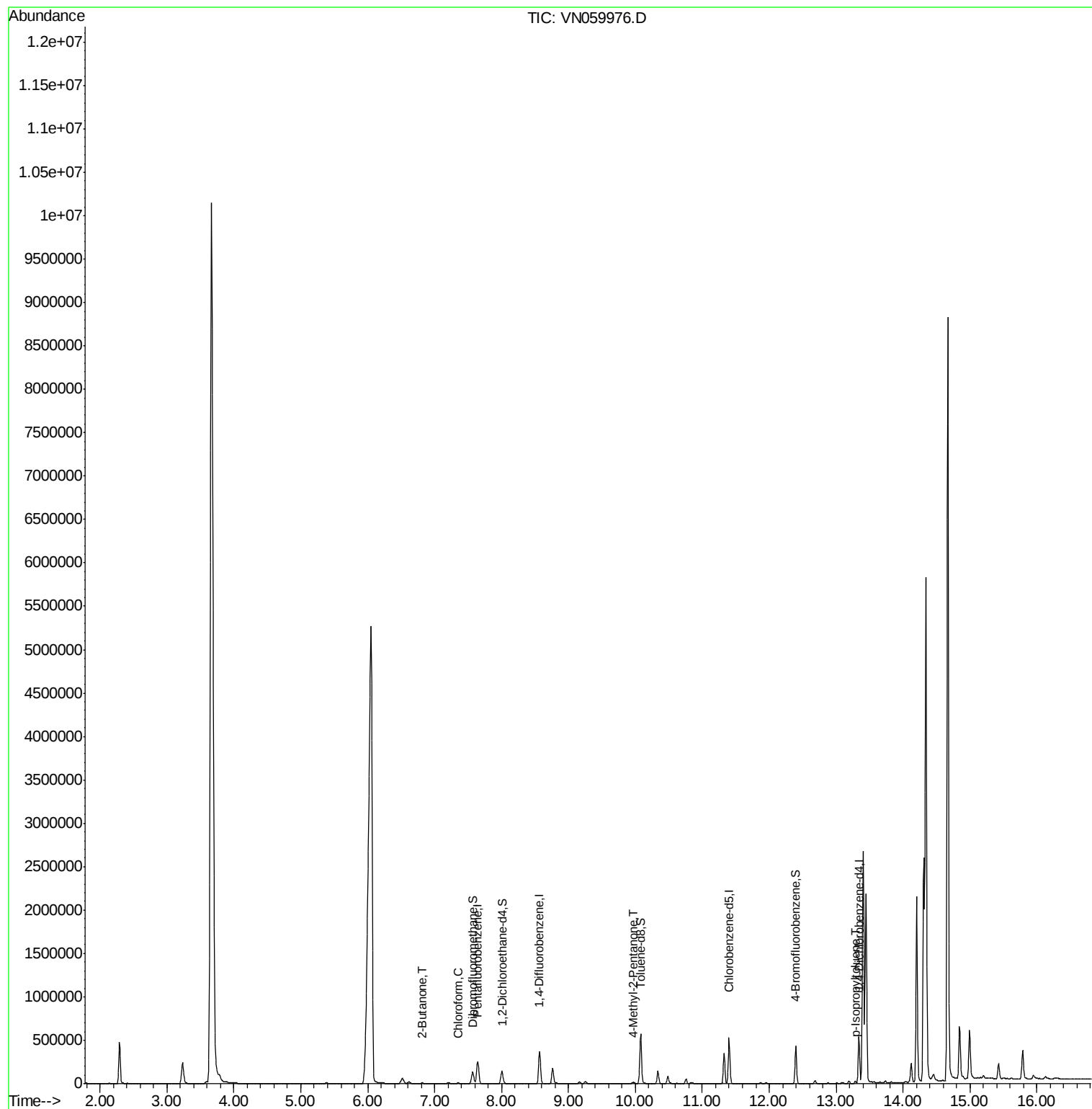
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	219425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	335346	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	308741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	147638	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	124257	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
35) Dibromofluoromethane	7.57	113	101829	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
50) Toluene-d8	10.08	98	398377	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
62) 4-Bromofluorobenzene	12.40	95	144697	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.60%	
Target Compounds						
25) 2-Butanone	6.81	43	13384	9.699	ug/l	91
30) Chloroform	7.35	83	7499	1.932	ug/l	93
51) 4-Methyl-2-Pentanone	9.97	43	13286	4.878	ug/l #	86
86) p-Isopropyltoluene	13.28	119	14173	1.480	ug/l	99

(#) = 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: VN059976.D

Acq: 3 Feb 2020 15:48

Instrument :

MSVOA_N

ClientSampleId :

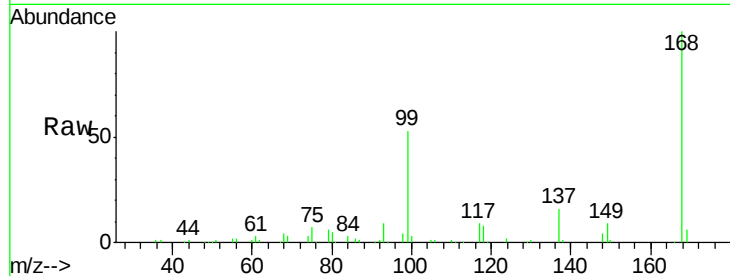
40098

Tot Ion:168 Resp: 219425

Ion Ratio Lower Upper

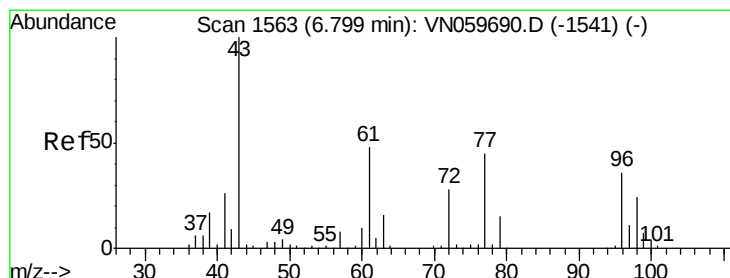
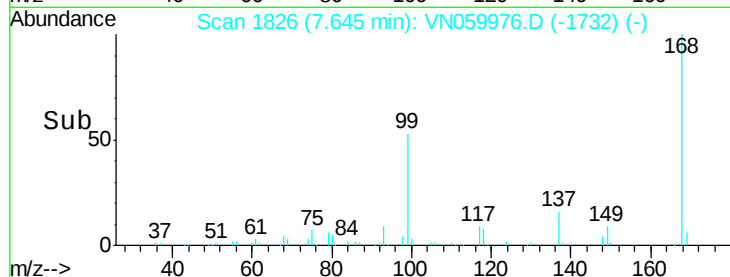
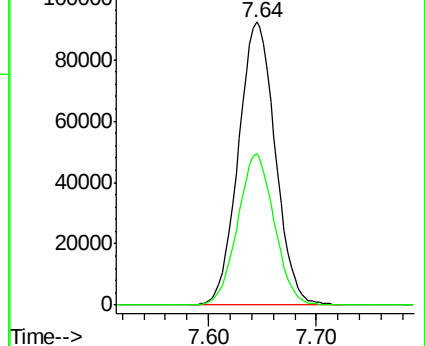
168 100

99 53.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#25

2-Butanone

Concen: 9.699 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.01 min

Lab File: VN059976.D

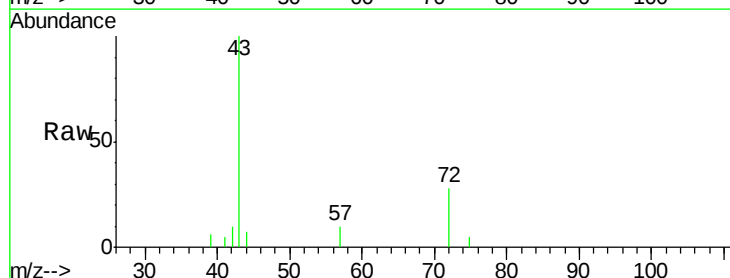
Acq: 3 Feb 2020 15:48

Tgt Ion: 43 Resp: 13384

Ion Ratio Lower Upper

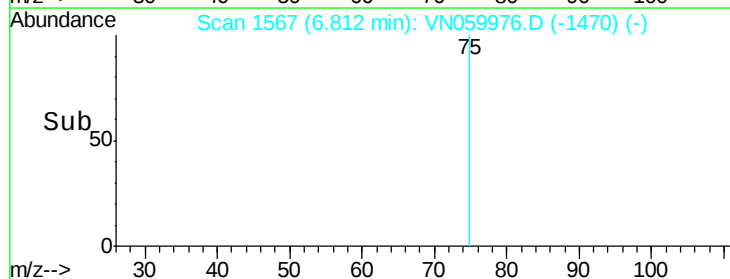
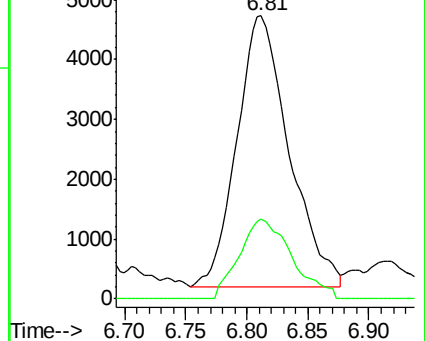
43 100

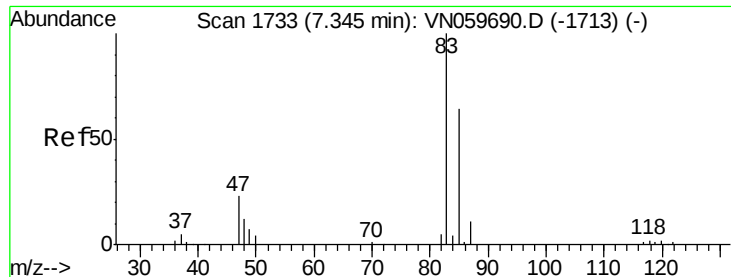
72 29.4 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 72.00 (71.70 to 72.70): VNO

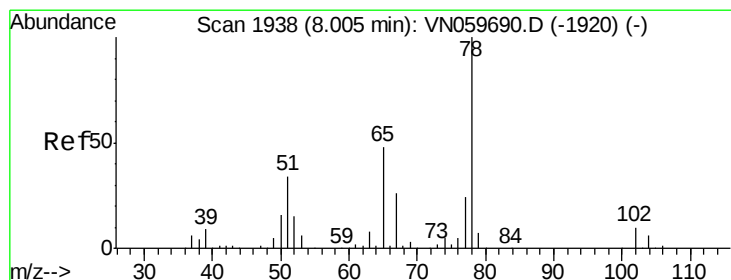
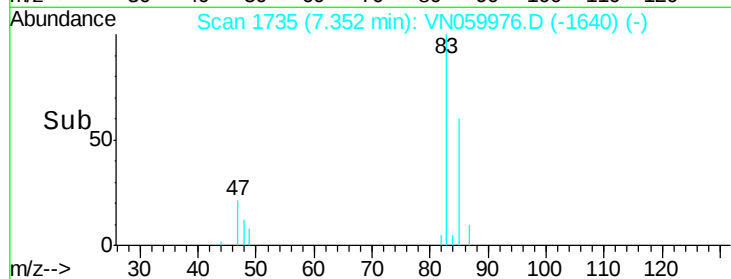
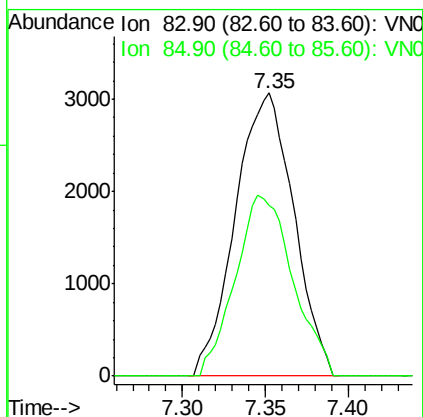
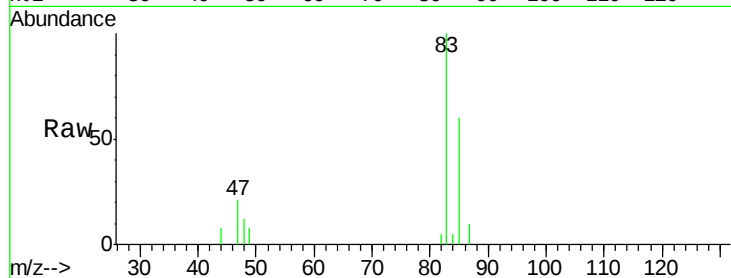




#30
Chloroform
Concen: 1.932 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. 0.01 min
Lab File: VN059976.D
Acq: 3 Feb 2020 15:48

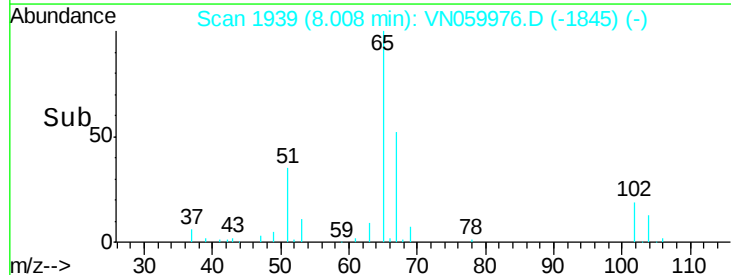
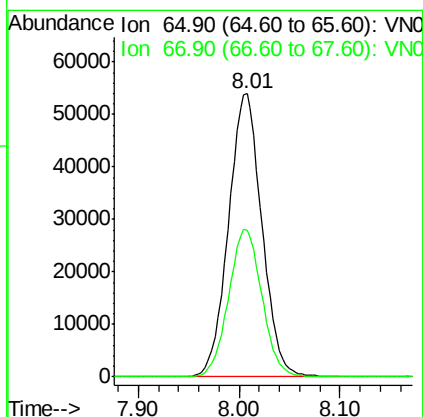
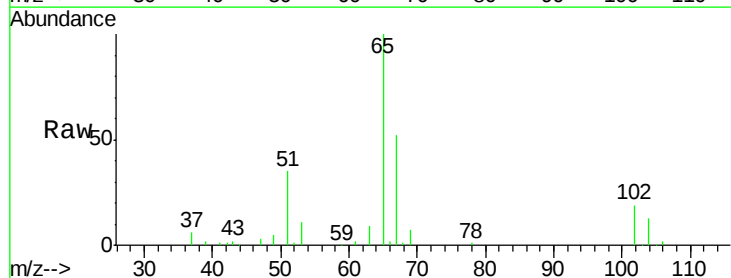
Instrument :
MSVOA_N
ClientSampleId :
40098

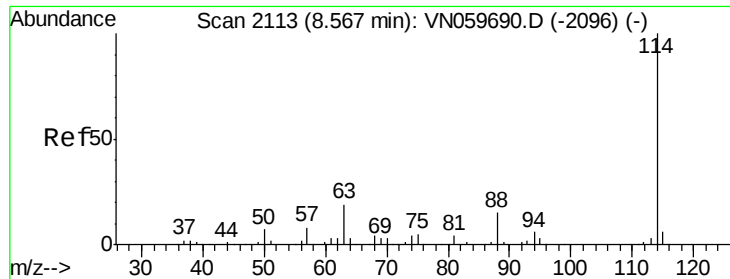
Tot Ion: 83 Resp: 7499
Ion Ratio Lower Upper
83 100
85 60.1 52.4 78.6



#33
1,2-Dichloroethane-d4
Concen: 50.993 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. 0.00 min
Lab File: VN059976.D
Acq: 3 Feb 2020 15:48

Tgt Ion: 65 Resp: 124257
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN059976.D

Acq: 3 Feb 2020 15:48

Instrument :

MSVOA_N

ClientSampleId :

40098

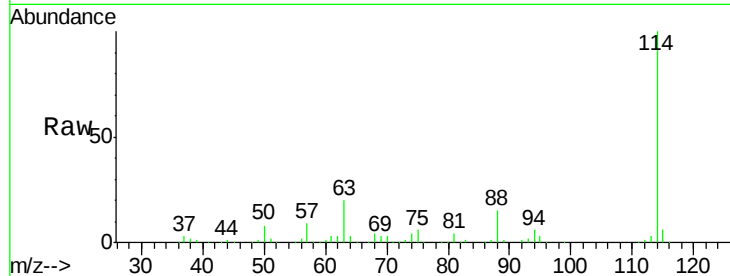
Tot Ion:114 Resp: 335346

Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.6

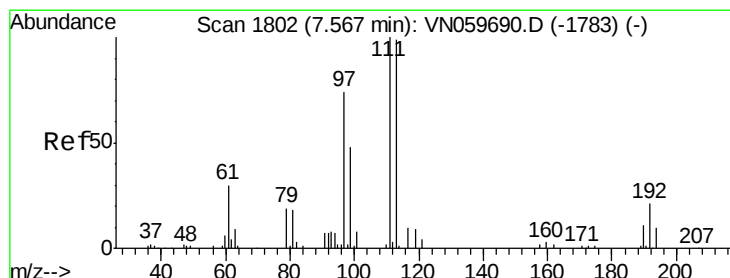
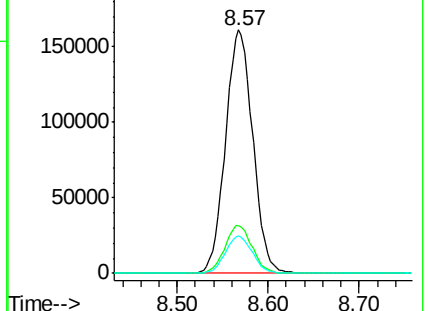
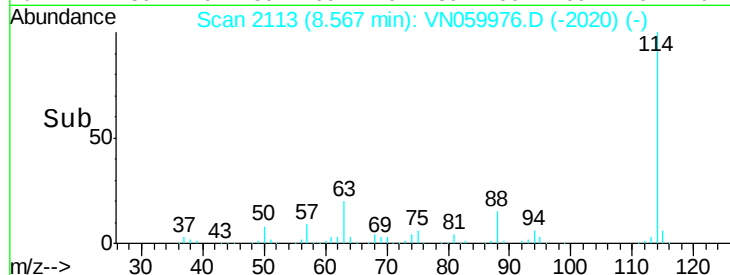
88 15.4 0.0 31.4



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: 50.919 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN059976.D

Acq: 3 Feb 2020 15:48

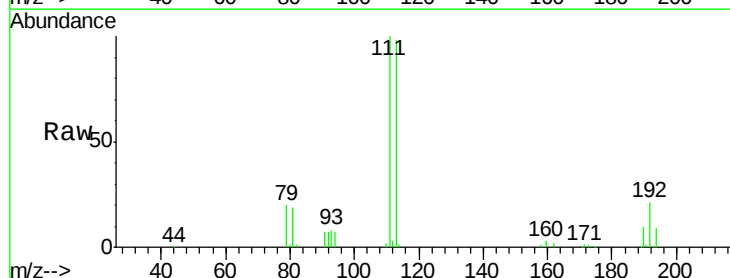
Tgt Ion:113 Resp: 101829

Ion Ratio Lower Upper

113 100

111 102.8 83.5 125.3

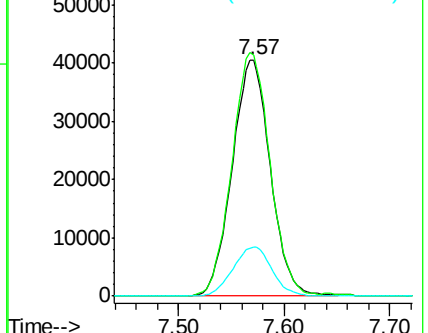
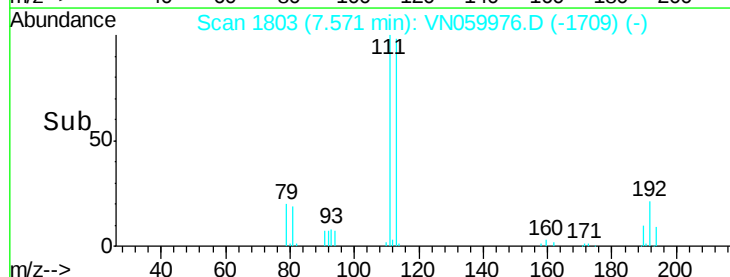
192 21.1 15.4 23.2

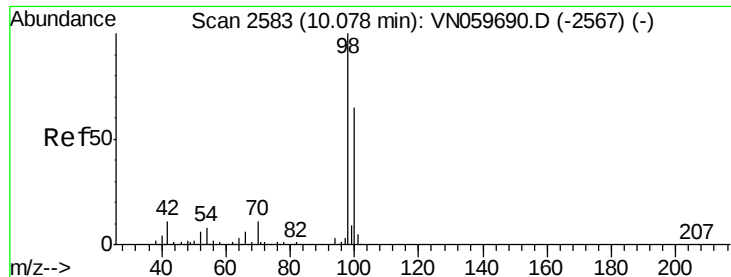


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

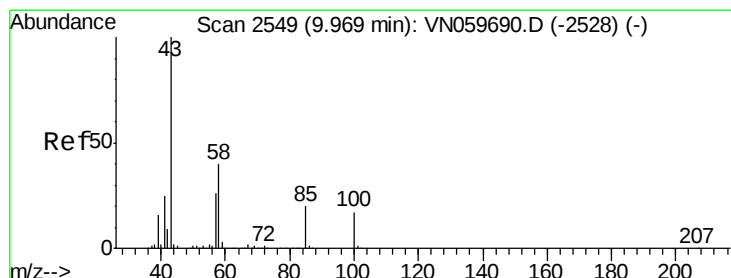
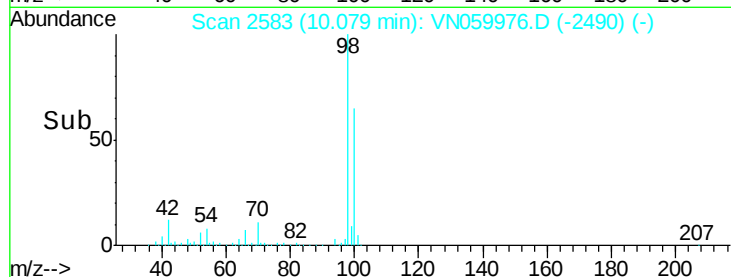
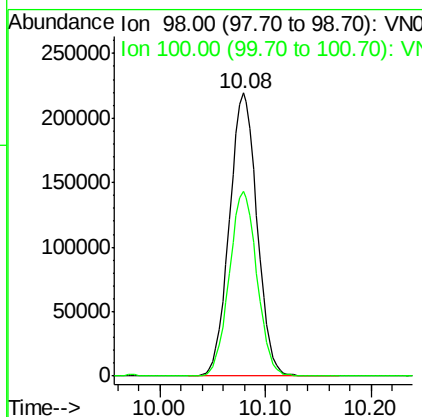
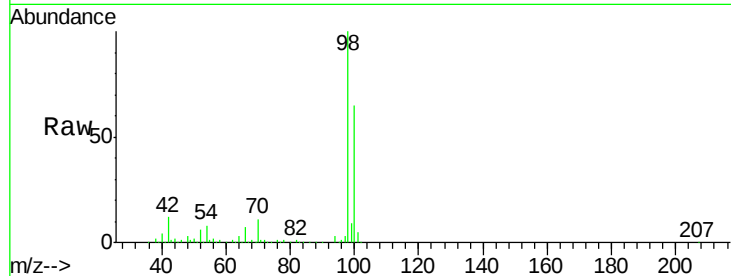




#50
Toluene-d8
Concen: 51.415 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059976.D
Acq: 3 Feb 2020 15:48

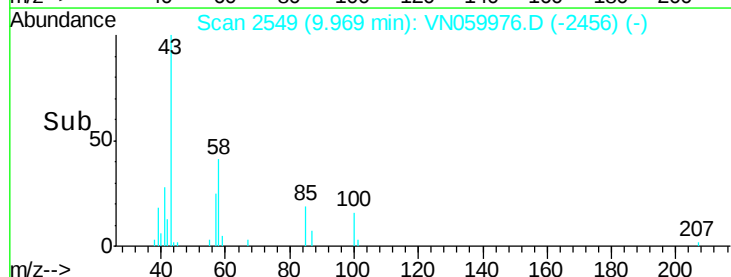
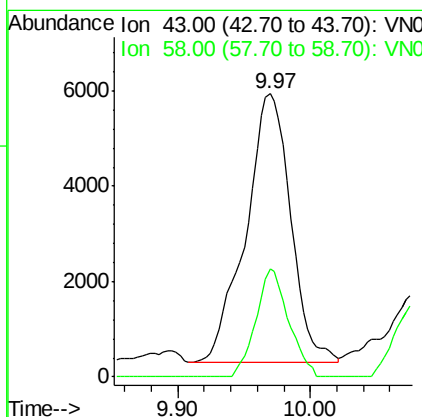
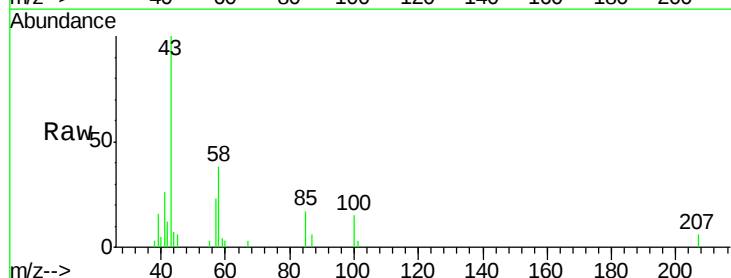
Instrument :
MSVOA_N
ClientSampled :
40098

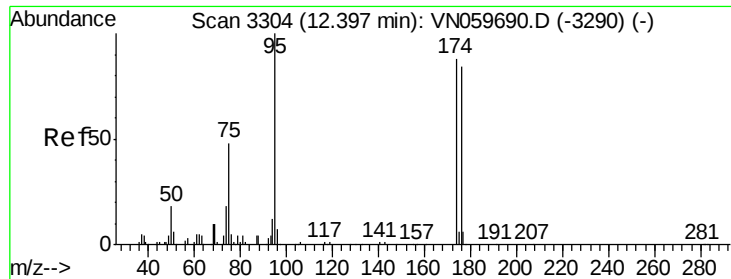
Tot Ion: 98 Resp: 398377
Ion Ratio Lower Upper
98 100
100 65.4 51.2 76.8



#51
4-Methyl-2-Pentanone
Concen: 4.878 ug/l
RT: 9.97 min Scan# 2549
Delta R.T. 0.00 min
Lab File: VN059976.D
Acq: 3 Feb 2020 15:48

Tgt Ion: 43 Resp: 13286
Ion Ratio Lower Upper
43 100
58 29.2 29.8 44.8#

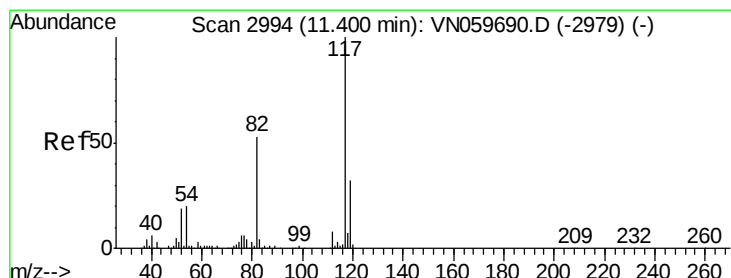
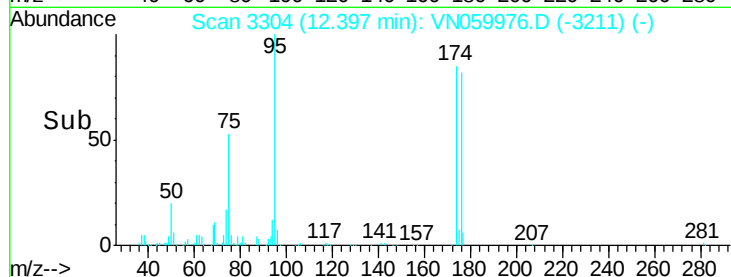
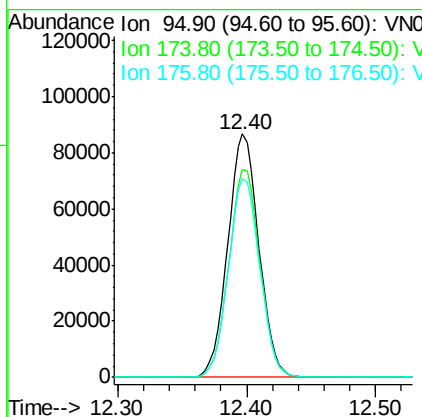
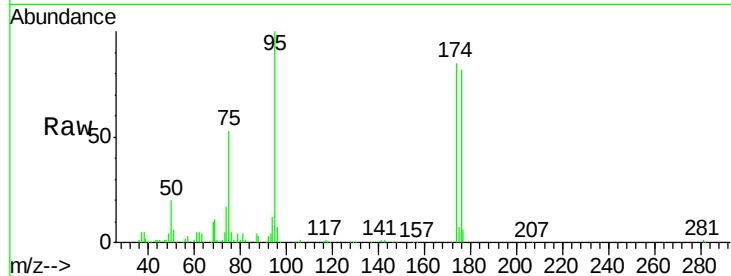




#62
4-Bromofluorobenzene
Concen: 51.802 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN059976.D
Acq: 3 Feb 2020 15:48

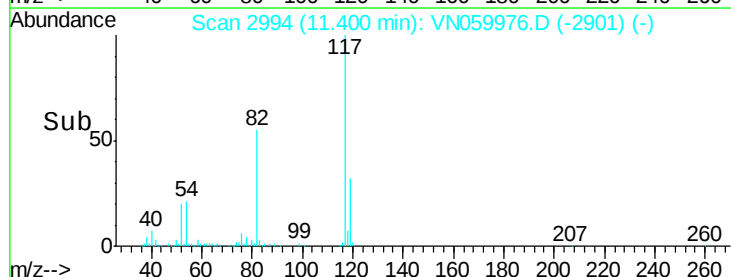
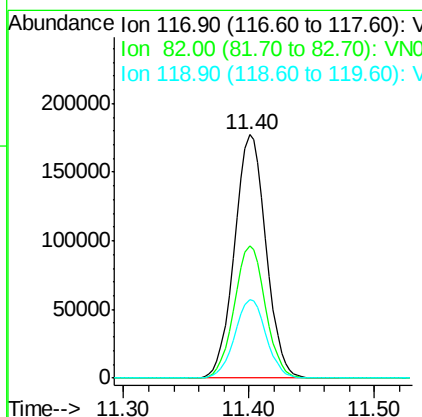
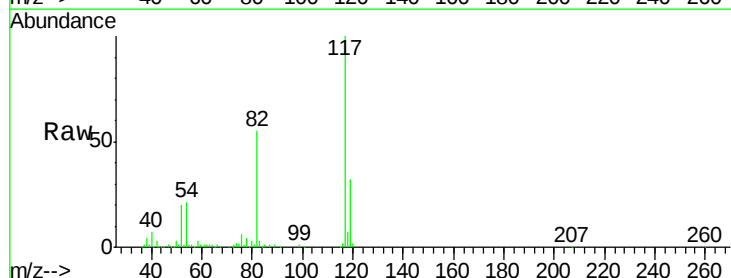
Instrument :
MSVOA_N
ClientSampleId :
40098

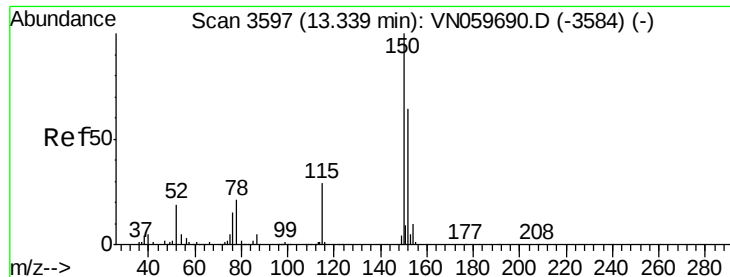
Tot Ion: 95 Resp: 144697
Ion Ratio Lower Upper
95 100
174 85.6 0.0 151.4
176 82.7 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059976.D
Acq: 3 Feb 2020 15:48

Tgt Ion: 117 Resp: 308741
Ion Ratio Lower Upper
117 100
82 54.5 45.9 68.9
119 32.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059976.D

Acq: 3 Feb 2020 15:48

Instrument :

MSVOA_N

ClientSampleId :

40098

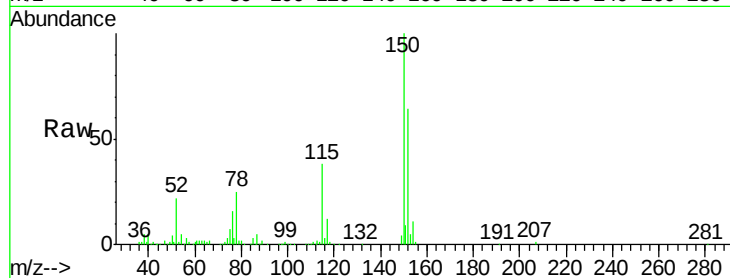
Tot Ion:152 Resp: 147638

Ion Ratio Lower Upper

152 100

115 57.6 30.3 90.9

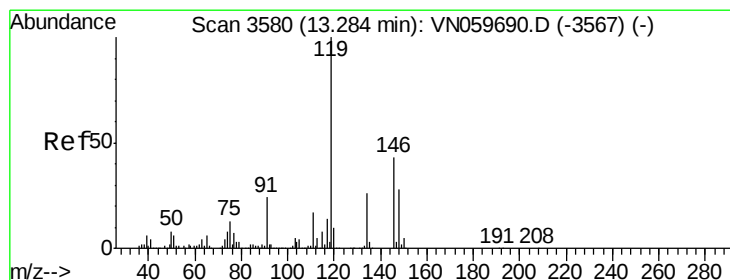
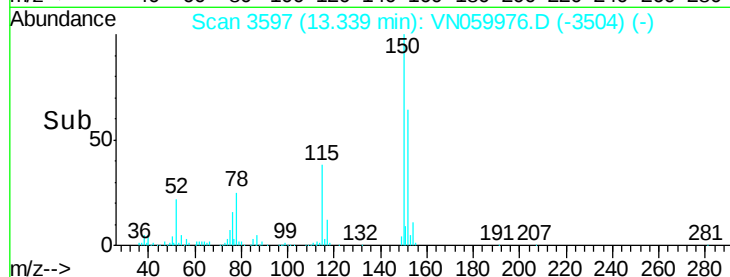
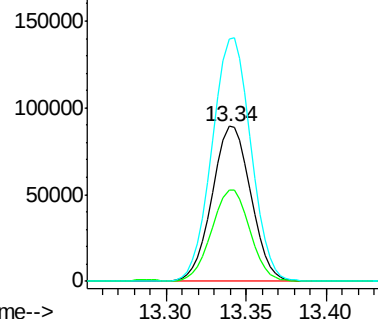
150 157.7 0.0 345.2



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



#86

p-Isopropyltoluene

Concen: 1.480 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059976.D

Acq: 3 Feb 2020 15:48

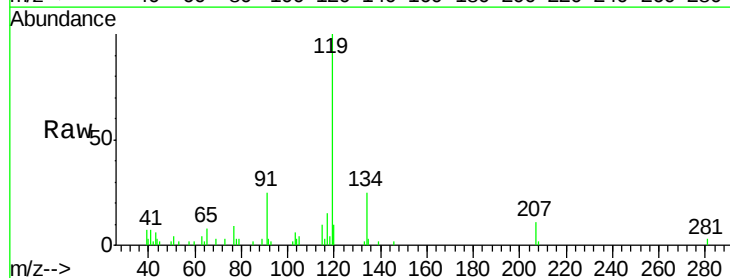
Tgt Ion:119 Resp: 14173

Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.7

91 24.3 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

