

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021920\
 Data File : VN060155.D
 Acq On : 19 Feb 2020 14:55
 Operator : JC/MD
 Sample : L1573-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOC-2

Quant Time: Feb 20 03:10:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

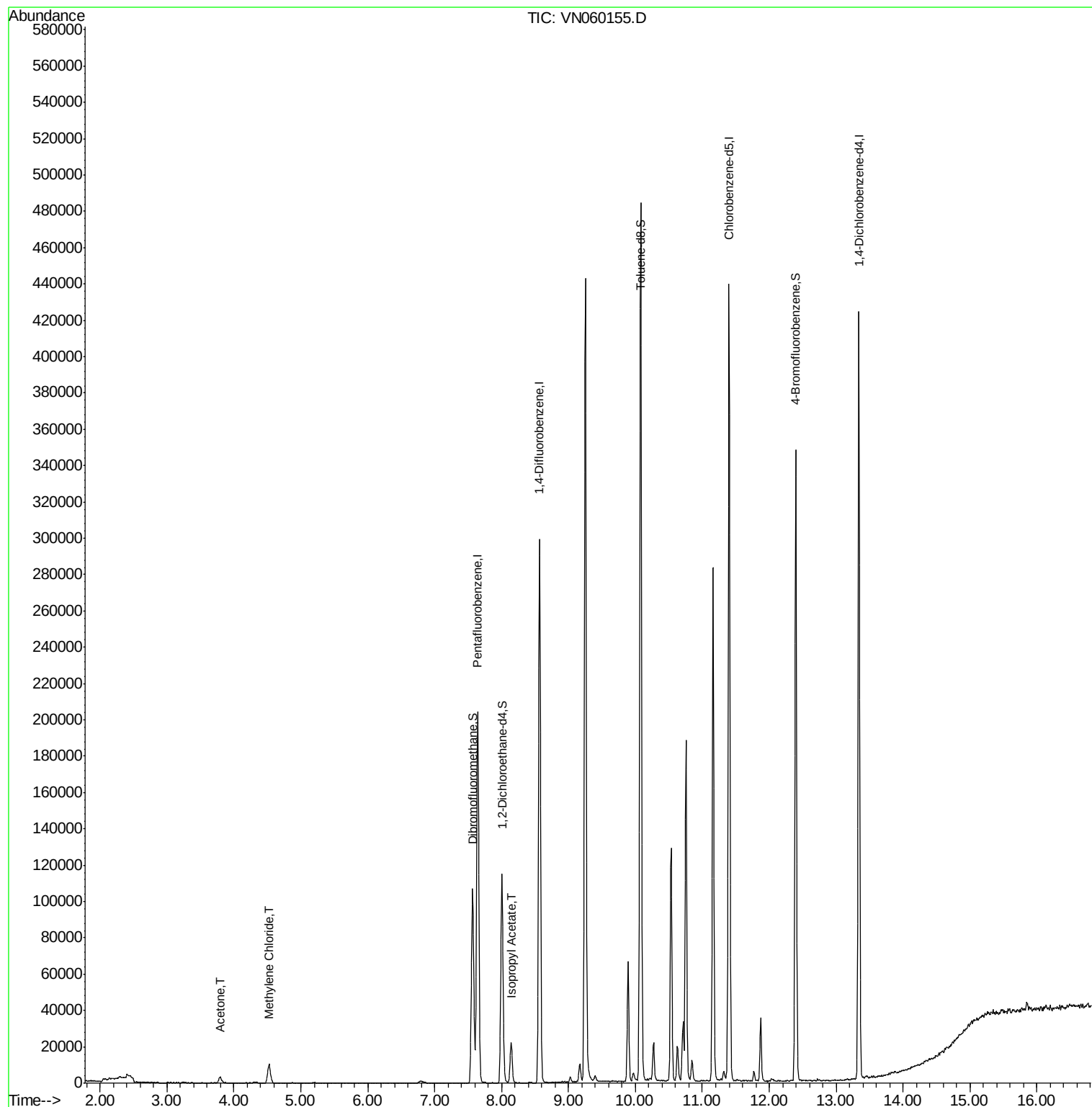
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	171335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	270936	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	255005	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	113849	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	101274	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
35) Dibromofluoromethane	7.57	113	82577	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
50) Toluene-d8	10.08	98	329718	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.54%	
62) 4-Bromofluorobenzene	12.40	95	116087	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
Target Compounds						
16) Acetone	3.80	43	6176	6.791	ug/l	98
20) Methylene Chloride	4.53	84	8319	4.585	ug/l	97
43) Isopropyl Acetate	8.14	43	26543	6.846	ug/l #	90

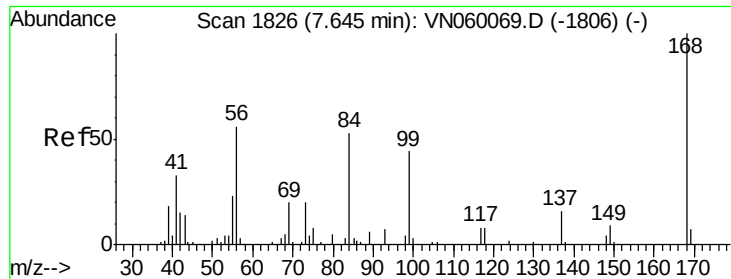
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021920\
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Quant Time: Feb 20 03:10:55 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060155.D

Acq: 19 Feb 2020 14:55

Instrument :

MSVOA_N

ClientSampled :

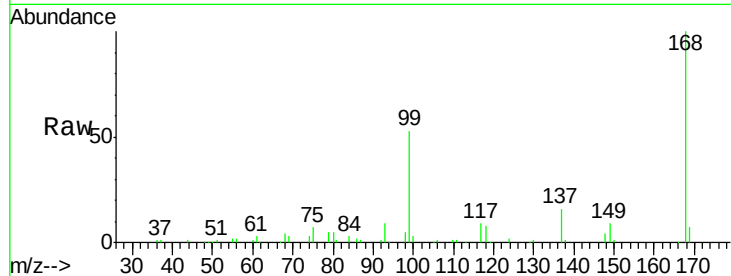
LOC-2

Tot Ion:168 Resp: 171335

Ion Ratio Lower Upper

168 100

99 53.3 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

60000

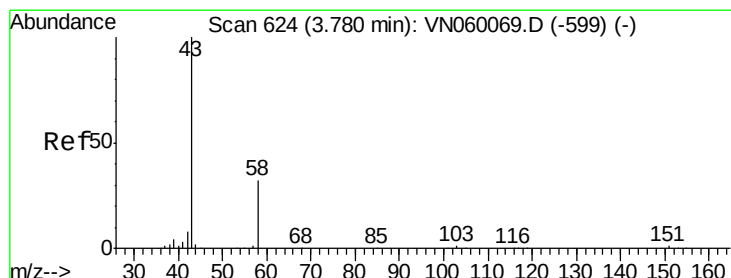
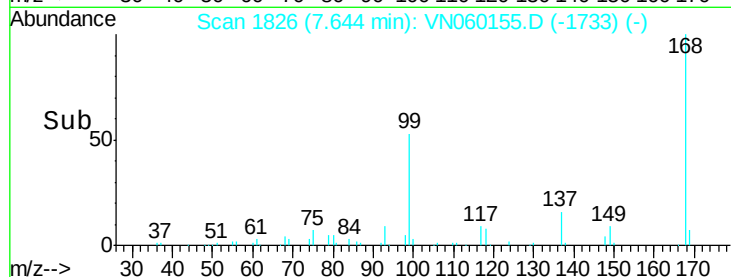
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 6.791 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.02 min

Lab File: VN060155.D

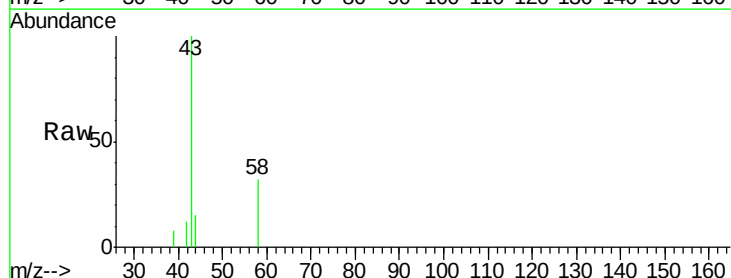
Acq: 19 Feb 2020 14:55

Tgt Ion: 43 Resp: 6176

Ion Ratio Lower Upper

43 100

58 32.4 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.80

2000

1500

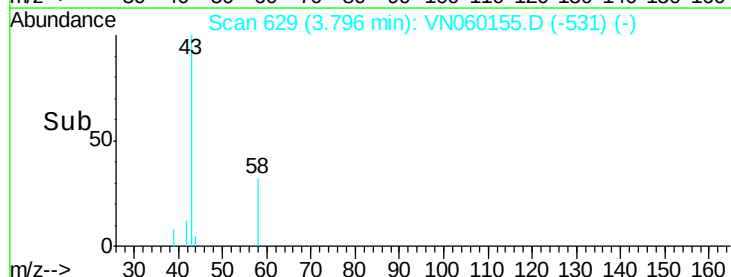
1000

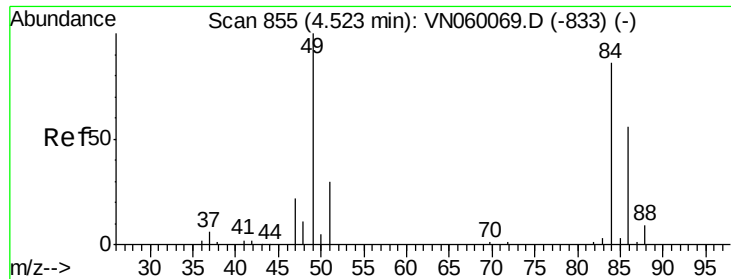
500

0

3.70 3.75 3.80 3.85 3.90

Time-->

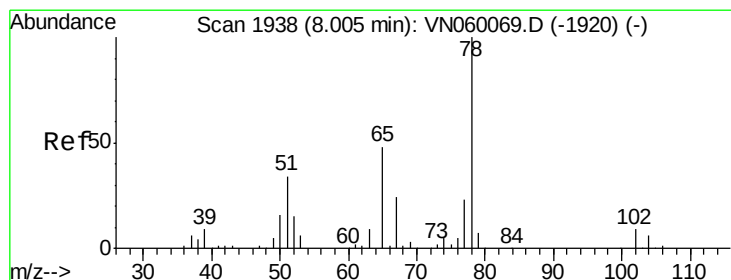
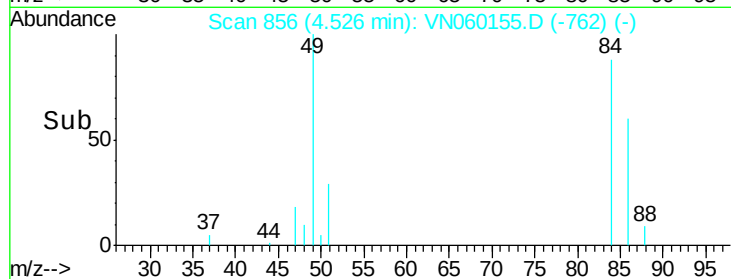
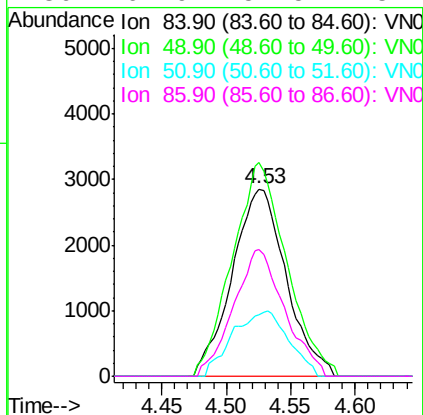
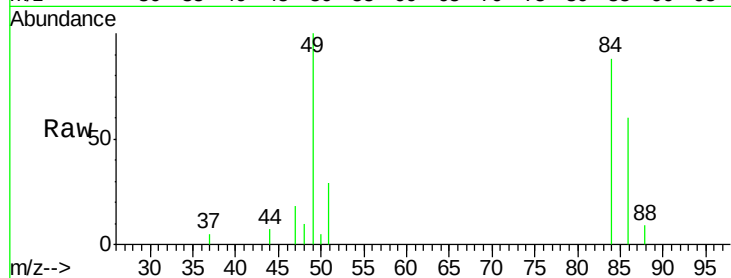




#20
Methylene Chloride
Concen: 4.585 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060155.D
Acq: 19 Feb 2020 14:55

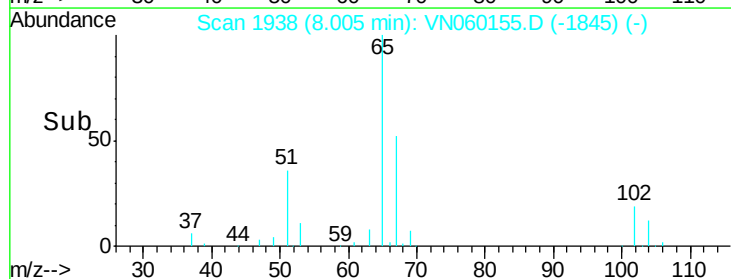
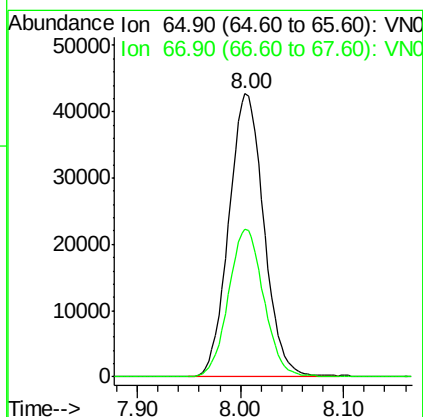
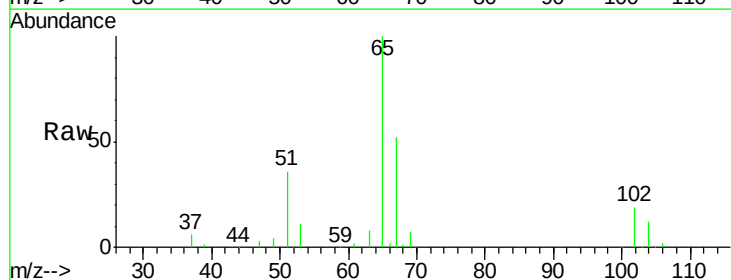
Instrument :
MSVOA_N
ClientSampled :
LOC-2

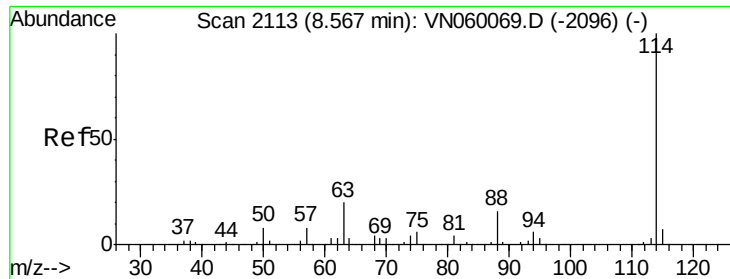
Tot Ion: 84 Resp: 8319
Ion Ratio Lower Upper
84 100
49 114.0 93.4 140.0
51 33.0 28.4 42.6
86 67.9 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 48.576 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN060155.D
Acq: 19 Feb 2020 14:55

Tgt Ion: 65 Resp: 101274
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN060155.D

Acq: 19 Feb 2020 14:55

Instrument :

MSVOA_N

ClientSampleId :

LOC-2

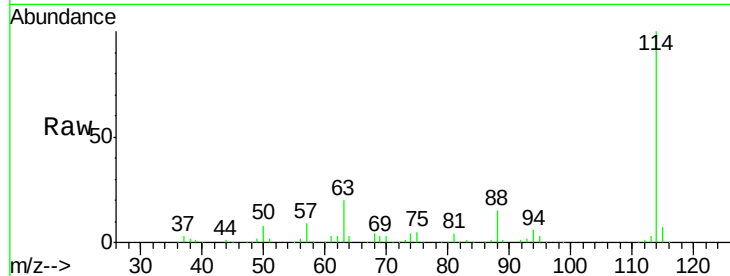
Tot Ion:114 Resp: 270936

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.0

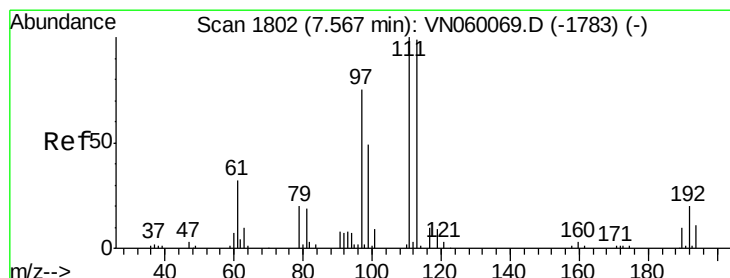
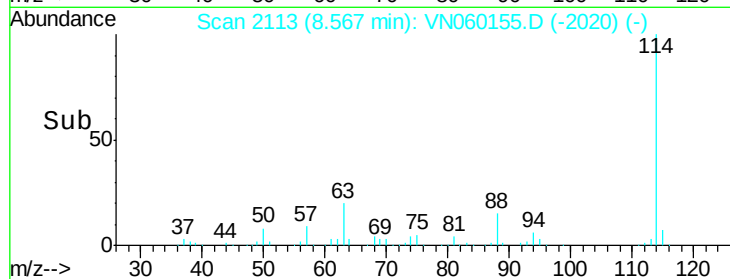
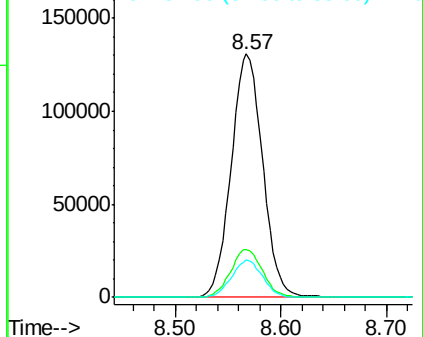
88 15.2 0.0 31.6



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: 49.583 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN060155.D

Acq: 19 Feb 2020 14:55

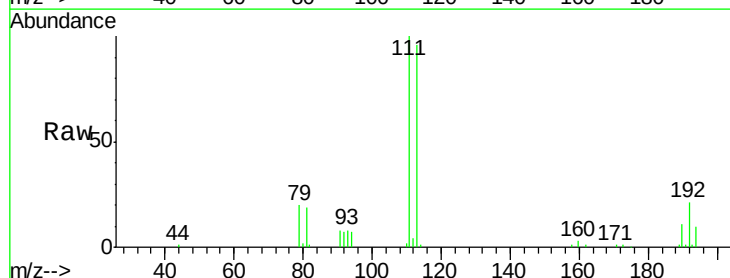
Tgt Ion:113 Resp: 82577

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.2

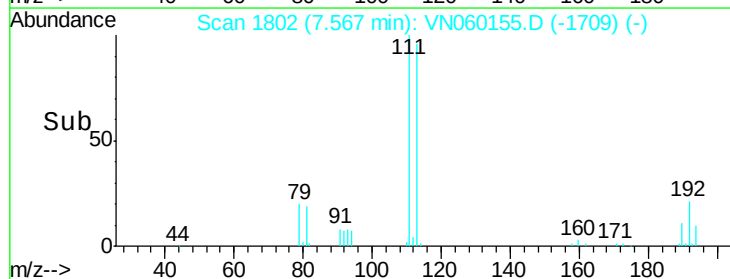
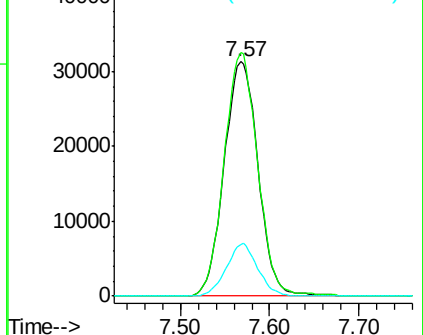
192 20.6 16.2 24.2

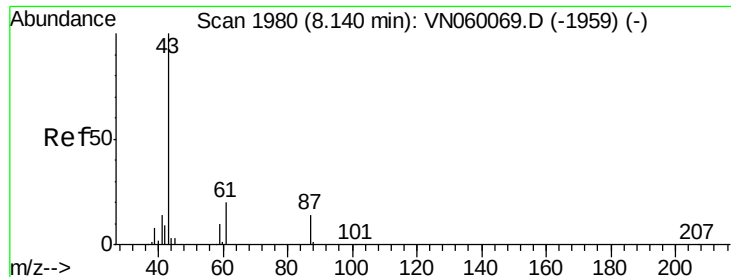


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 6.846 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN060155.D

Acq: 19 Feb 2020 14:55

Instrument :

MSVOA_N

ClientSampleId :

LOC-2

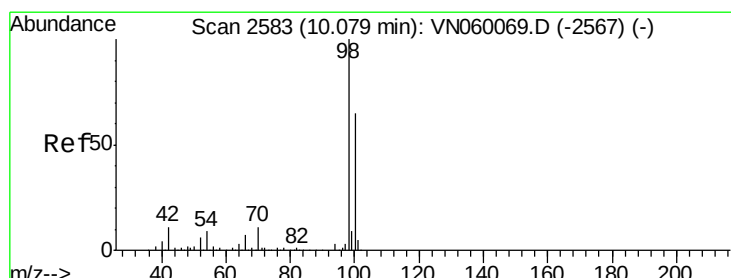
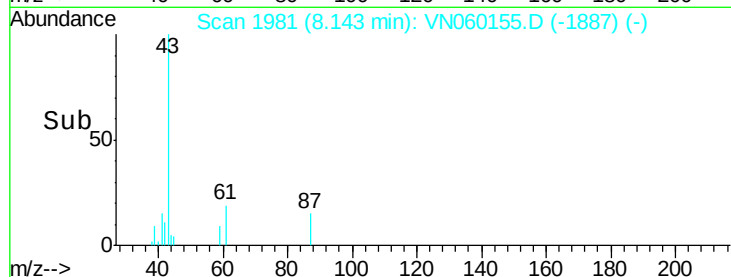
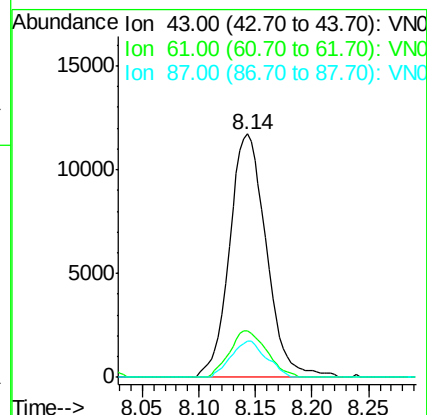
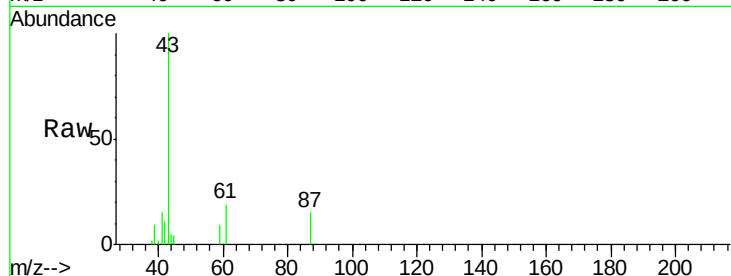
Tot Ion: 43 Resp: 26543

Ion Ratio Lower Upper

43 100

61 19.3 21.8 32.6#

87 14.3 11.4 17.2



#50

Toluene-d8

Concen: 50.274 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060155.D

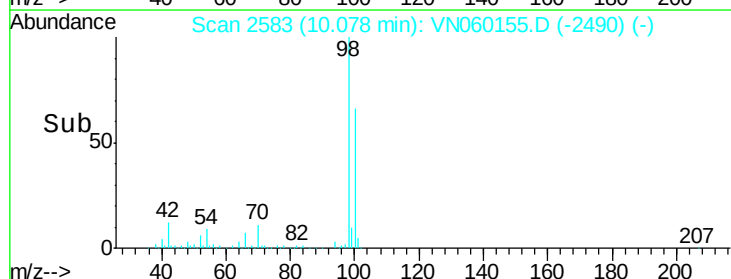
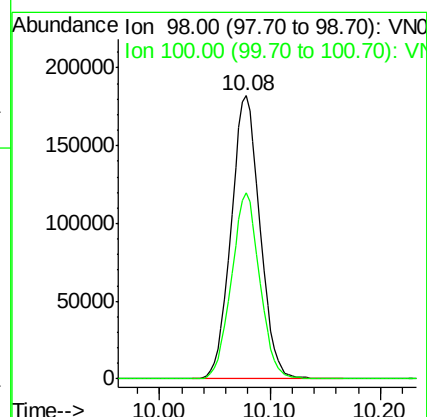
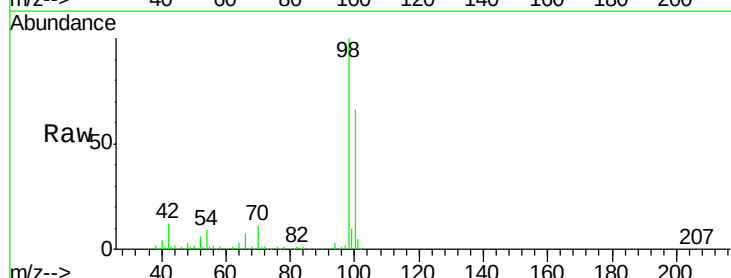
Acq: 19 Feb 2020 14:55

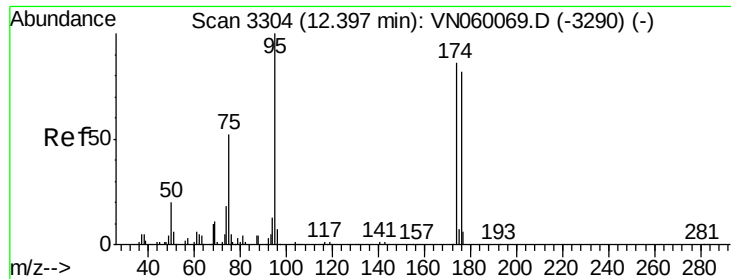
Tgt Ion: 98 Resp: 329718

Ion Ratio Lower Upper

98 100

100 64.6 51.7 77.5

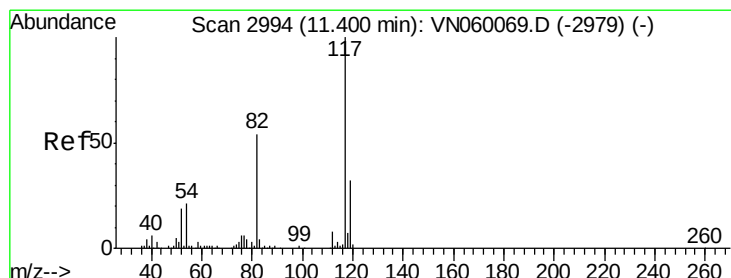
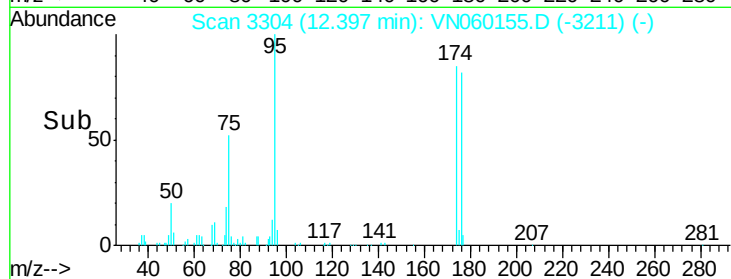
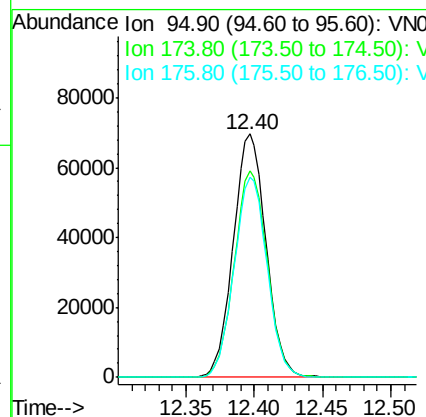
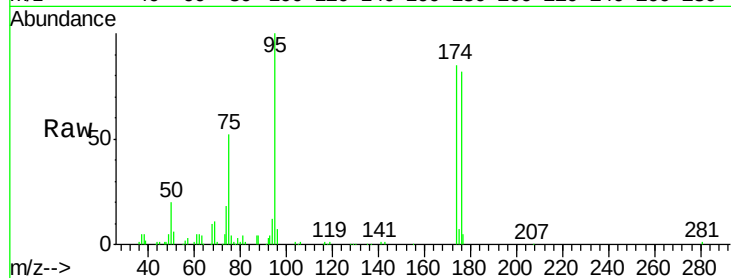




#62
4-Bromofluorobenzene
Concen: 48.170 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060155.D
Acq: 19 Feb 2020 14:55

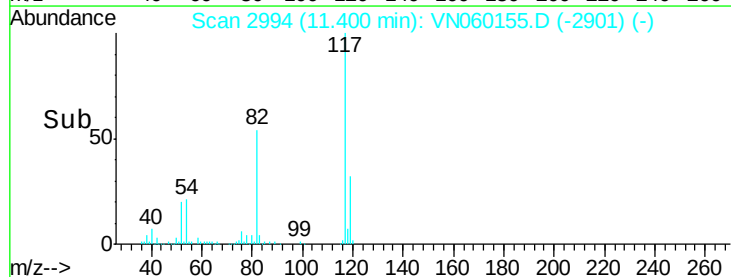
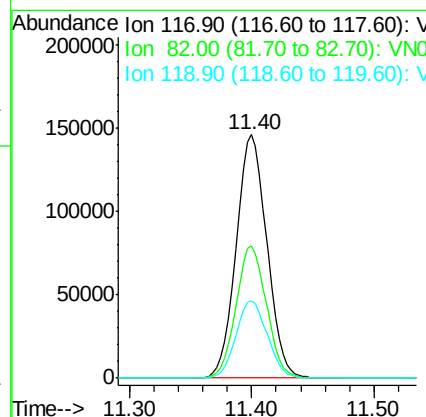
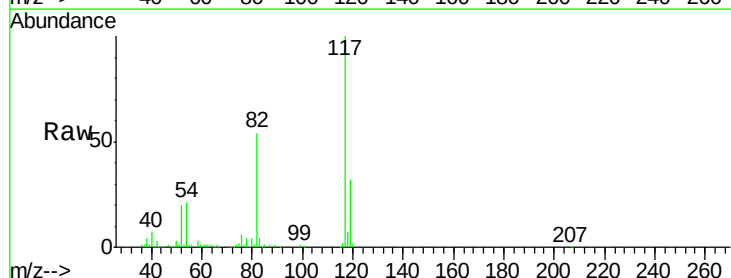
Instrument :
MSVOA_N
ClientSampleId :
LOC-2

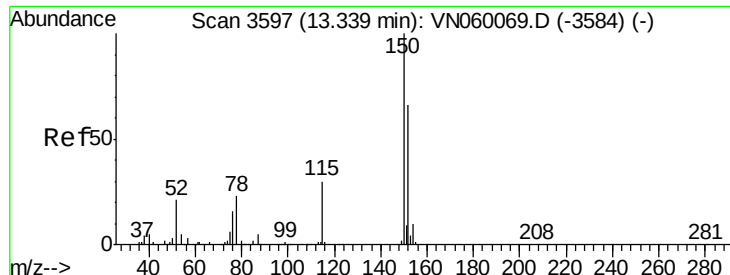
Tot Ion: 95 Resp: 116087
Ion Ratio Lower Upper
95 100
174 85.7 0.0 169.8
176 82.8 0.0 164.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060155.D
Acq: 19 Feb 2020 14:55

Tgt Ion: 117 Resp: 255005
Ion Ratio Lower Upper
117 100
82 54.4 43.4 65.0
119 31.8 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060155.D

Acq: 19 Feb 2020 14:55

Instrument :

MSVOA_N

ClientSampleId :

LOC-2

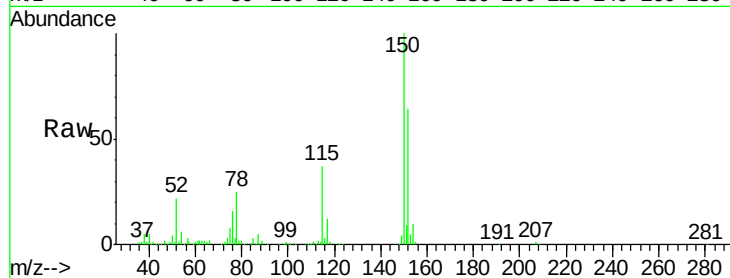
Tot Ion:152 Resp: 113849

Ion Ratio Lower Upper

152 100

115 57.1 28.9 86.8

150 154.6 0.0 342.4



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

