

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020720\
 Data File : VN060025.D
 Acq On : 7 Feb 2020 12:44
 Operator : JC/MD
 Sample : L1431-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 72-11986

Quant Time: Feb 07 23:45:04 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

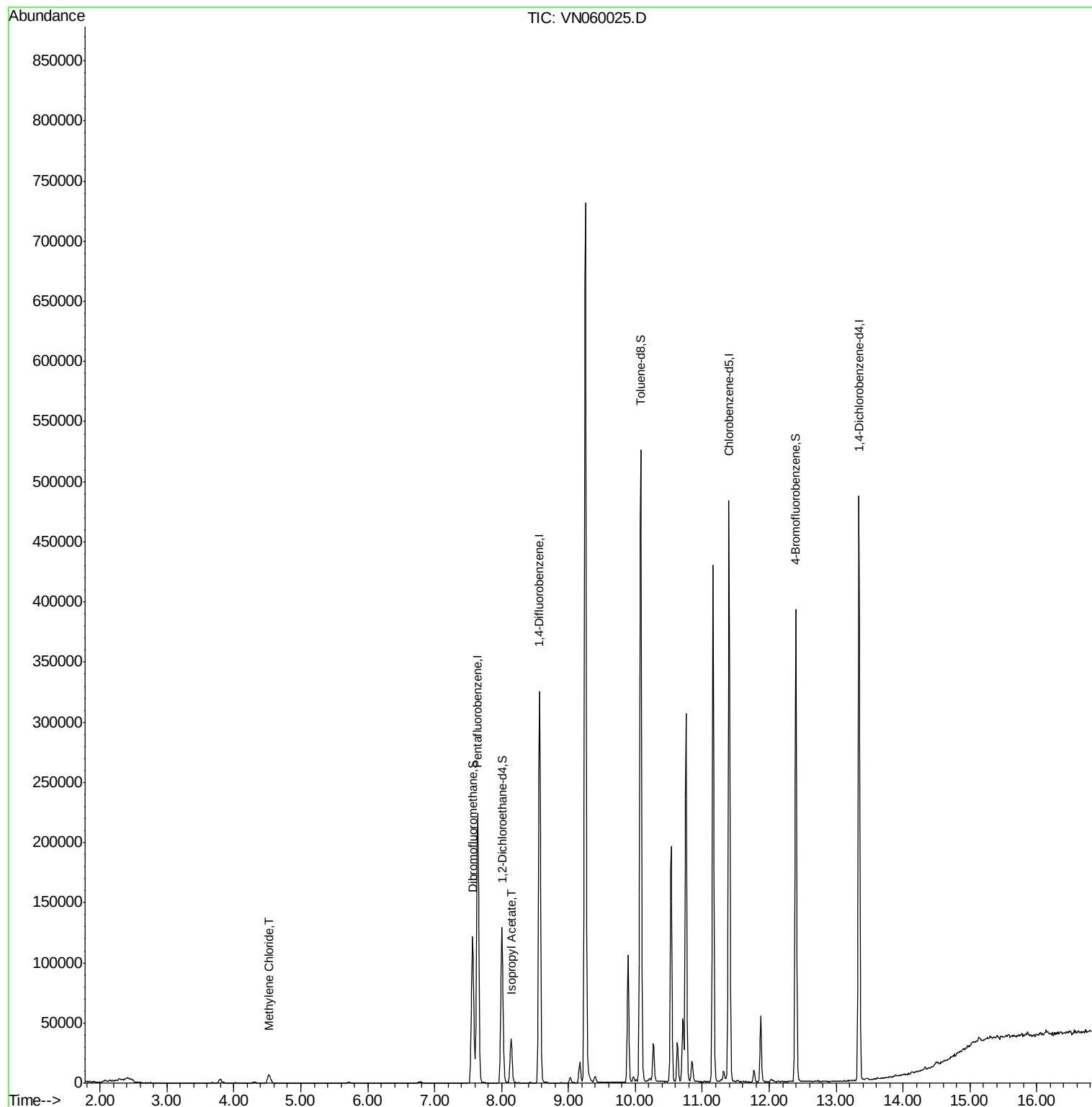
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	190215	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	299339	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	282446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	130361	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	111071	52.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.16%	
35) Dibromofluoromethane	7.57	113	92038	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.12%	
50) Toluene-d8	10.08	98	363991	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.26%	
62) 4-Bromofluorobenzene	12.40	95	132319	53.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.14%	
Target Compounds						
20) Methylene Chloride	4.53	84	5921	1.852	ug/l	91
43) Isopropyl Acetate	8.14	43	43477	10.339	ug/l #	91

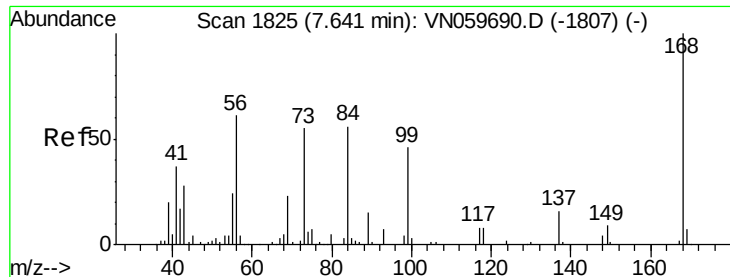
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jan 18 03:09:32 2020
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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: VN060025.D

Acq: 7 Feb 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

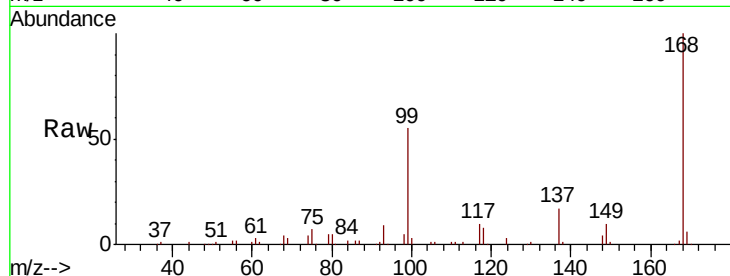
72-11986

Tot Ion:168 Resp: 190215

Ion Ratio Lower Upper

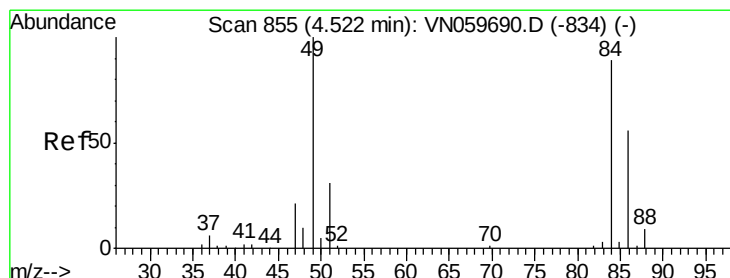
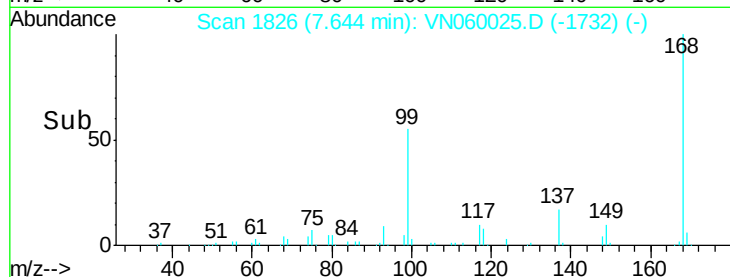
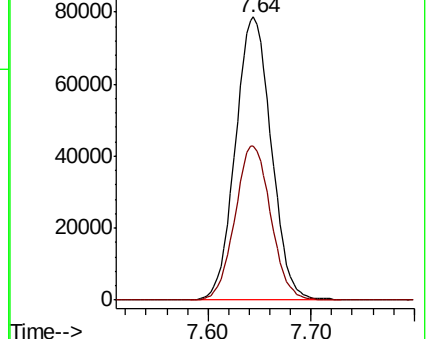
168 100

99 54.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#20

Methylene Chloride

Concen: 1.852 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN060025.D

Acq: 7 Feb 2020 12:44

Tgt Ion: 84 Resp: 5921

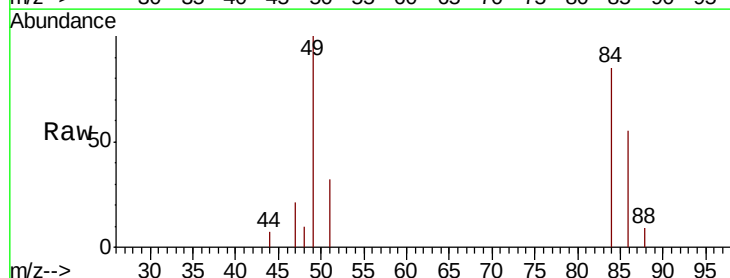
Ion Ratio Lower Upper

84 100

49 117.2 106.6 160.0

51 37.0 31.9 47.9

86 64.4 50.8 76.2

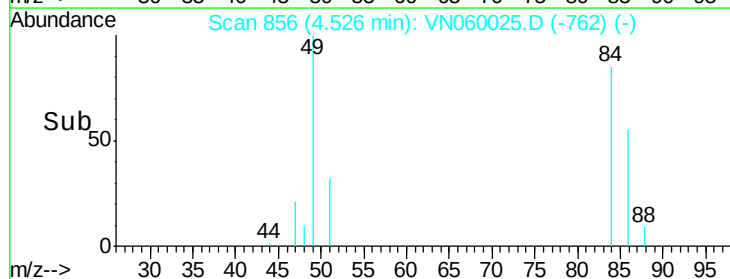
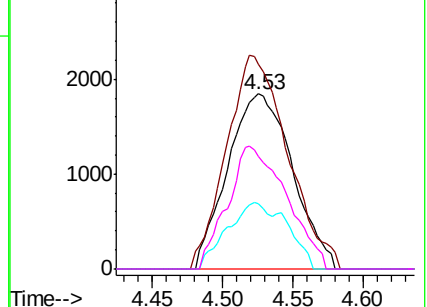


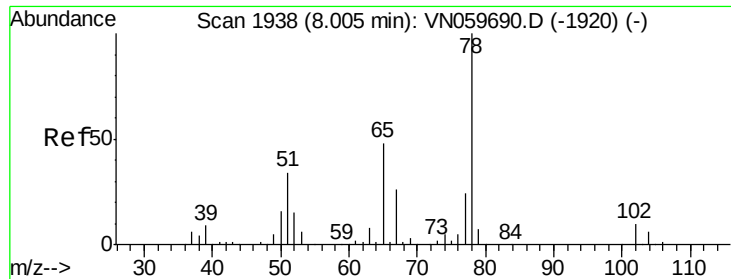
Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

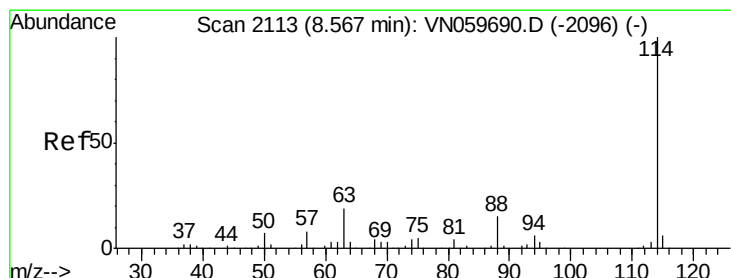
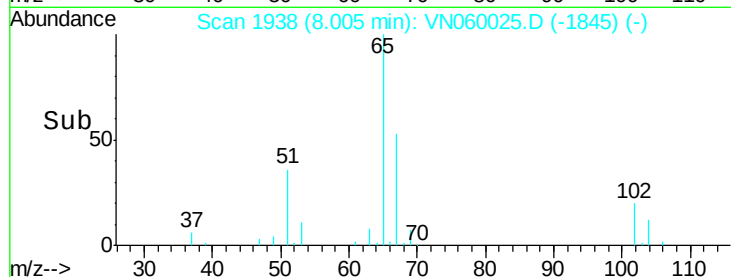
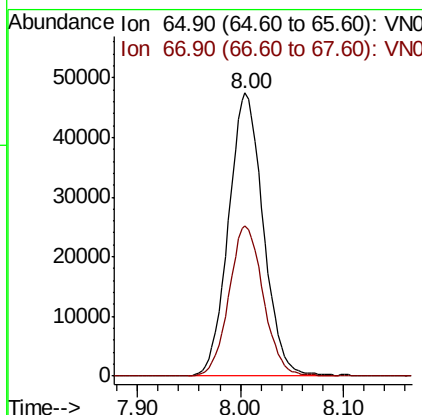
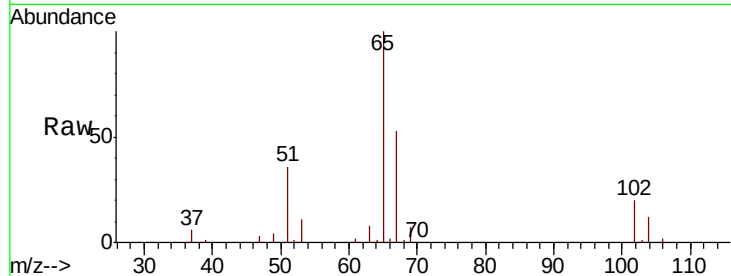




#33
 1,2-Dichloroethane-d4
 Concen: 52.581 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060025.D
 Acq: 7 Feb 2020 12:44

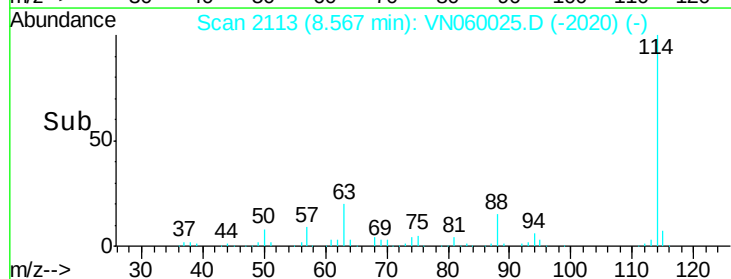
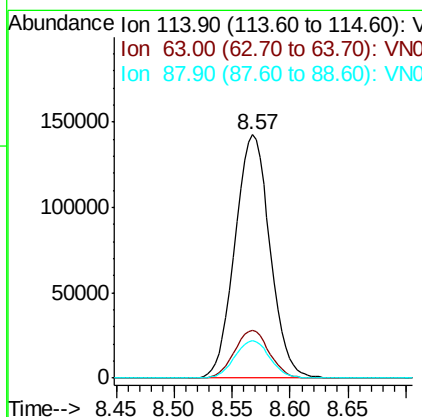
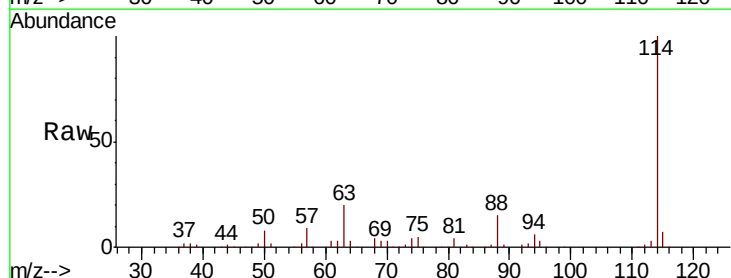
Instrument :
 MSVOA_N
 ClientSampled :
 72-11986

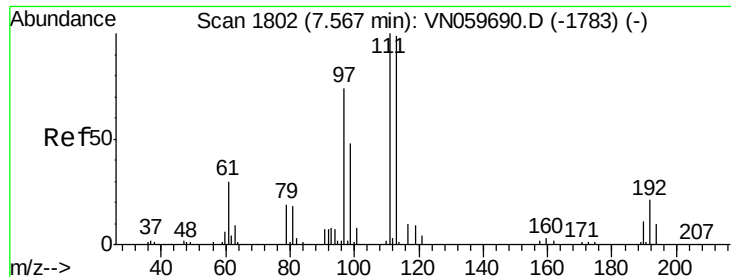
Tot Ion: 65 Resp: 111071
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060025.D
 Acq: 7 Feb 2020 12:44

Tgt Ion: 114 Resp: 299339
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 43.6
 88 15.2 0.0 31.4

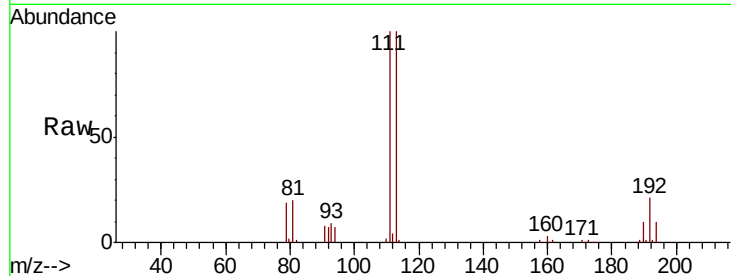




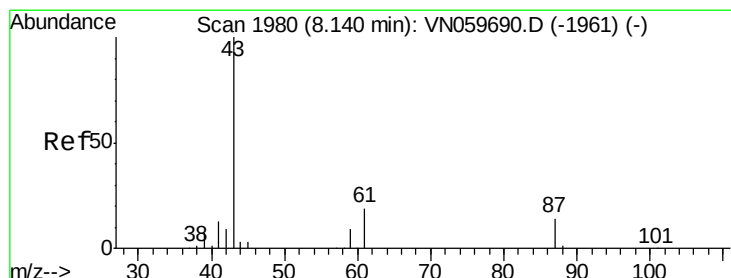
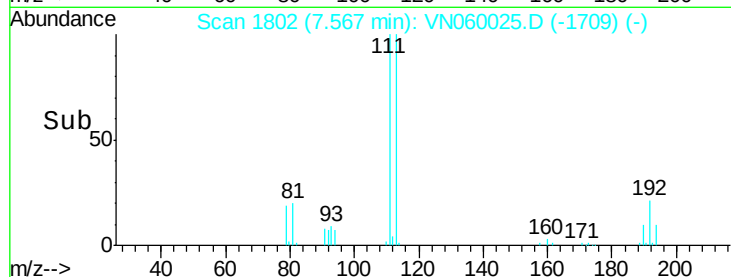
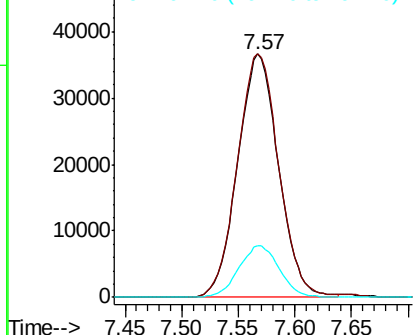
#35
 Dibromofluoromethane
 Concen: 51.559 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060025.D
 Acq: 7 Feb 2020 12:44

Instrument :
 MSVOA_N
 ClientSampleId :
 72-11986

Tot Ion:113 Resp: 92038
 Ion Ratio Lower Upper
 113 100
 111 101.4 83.5 125.3
 192 21.1 15.4 23.2

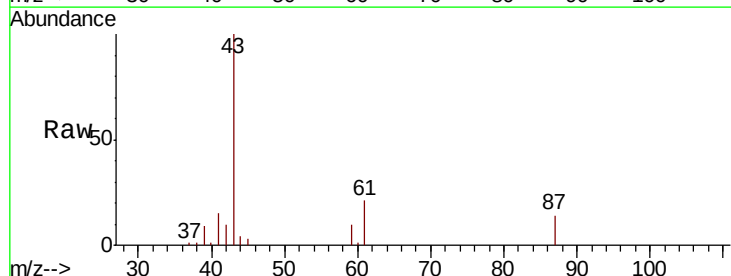


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

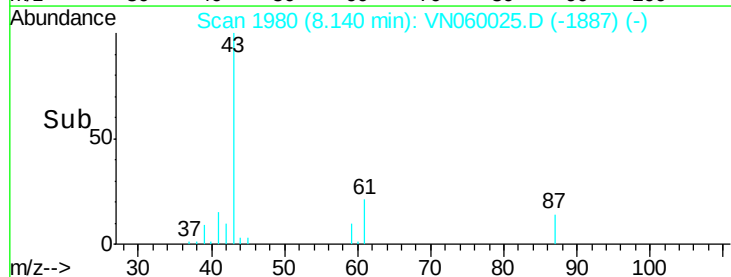
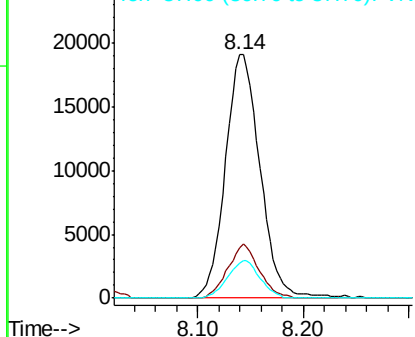


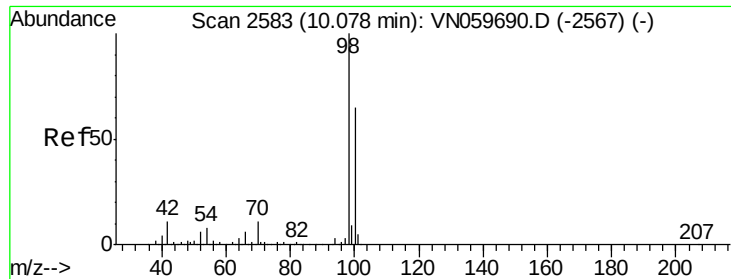
#43
 Isopropyl Acetate
 Concen: 10.339 ug/l
 RT: 8.14 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: VN060025.D
 Acq: 7 Feb 2020 12:44

Tgt Ion: 43 Resp: 43477
 Ion Ratio Lower Upper
 43 100
 61 19.9 20.2 30.2#
 87 14.2 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): V
 Ion 61.00 (60.70 to 61.70): V
 Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 52.628 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060025.D

Acq: 7 Feb 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

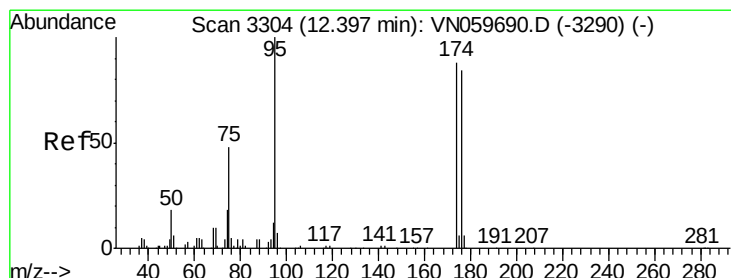
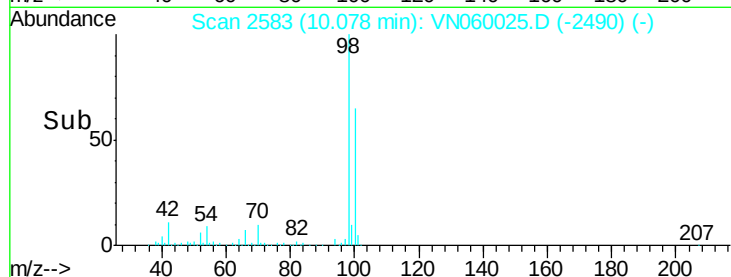
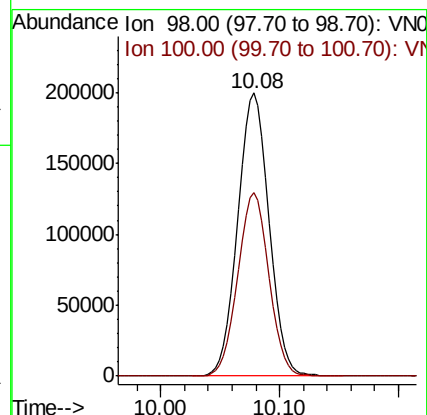
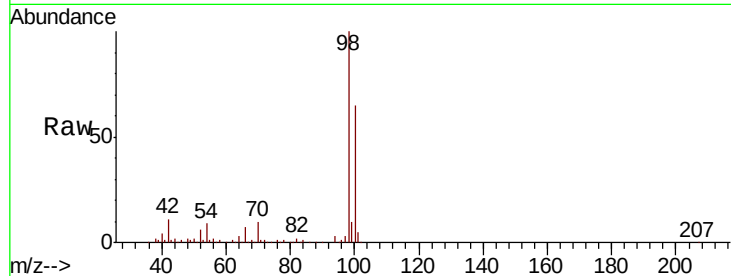
72-11986

Tot Ion: 98 Resp: 363991

Ion Ratio Lower Upper

98 100

100 64.6 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 53.069 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060025.D

Acq: 7 Feb 2020 12:44

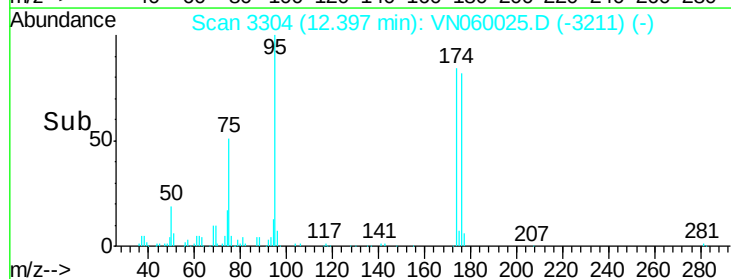
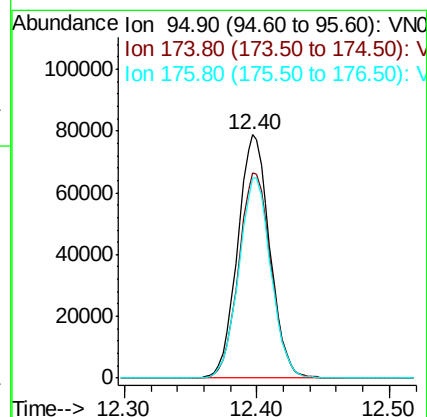
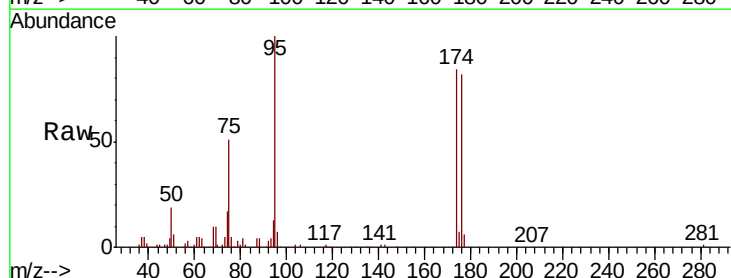
Tgt Ion: 95 Resp: 132319

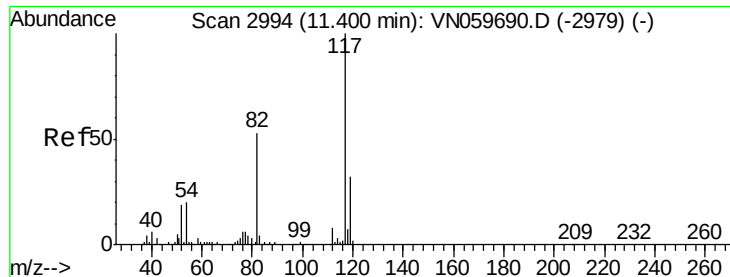
Ion Ratio Lower Upper

95 100

174 85.3 0.0 151.4

176 82.3 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: VN060025.D

Acq: 7 Feb 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

72-11986

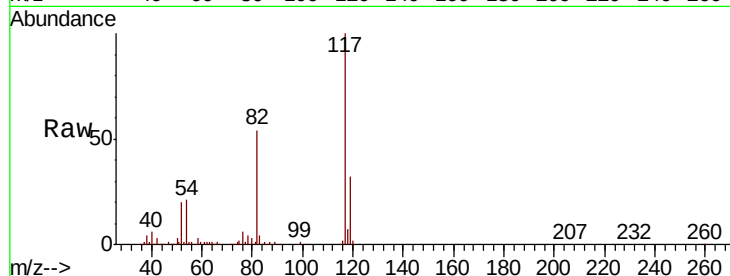
Tot Ion:117 Resp: 282446

Ion Ratio Lower Upper

117 100

82 54.1 45.9 68.9

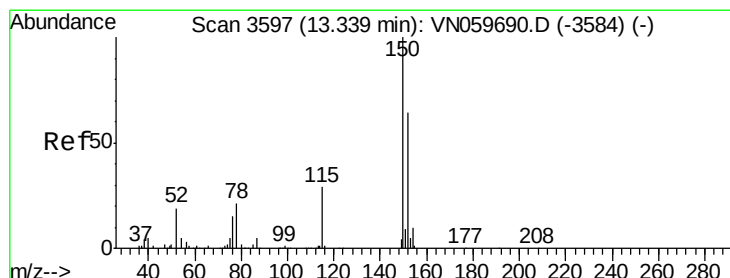
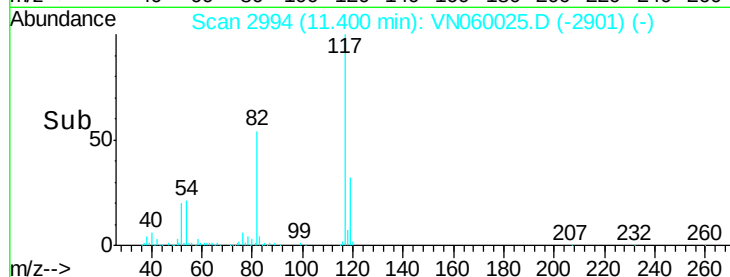
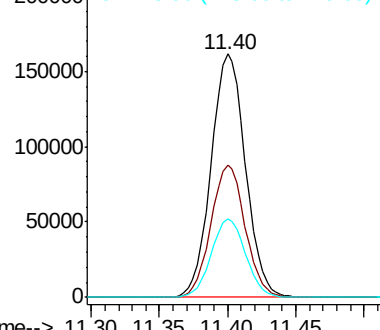
119 32.0 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN060025.D

Acq: 7 Feb 2020 12:44

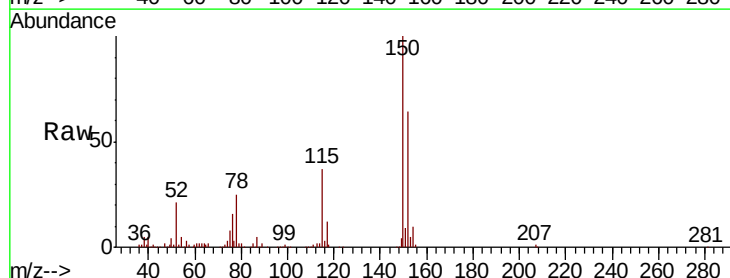
Tgt Ion:152 Resp: 130361

Ion Ratio Lower Upper

152 100

115 58.4 30.3 90.9

150 156.4 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

