

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020720\
 Data File : VN060023.D
 Acq On : 7 Feb 2020 11:58
 Operator : JC/MD
 Sample : L1431-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 350

Quant Time: Feb 07 23:42:01 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

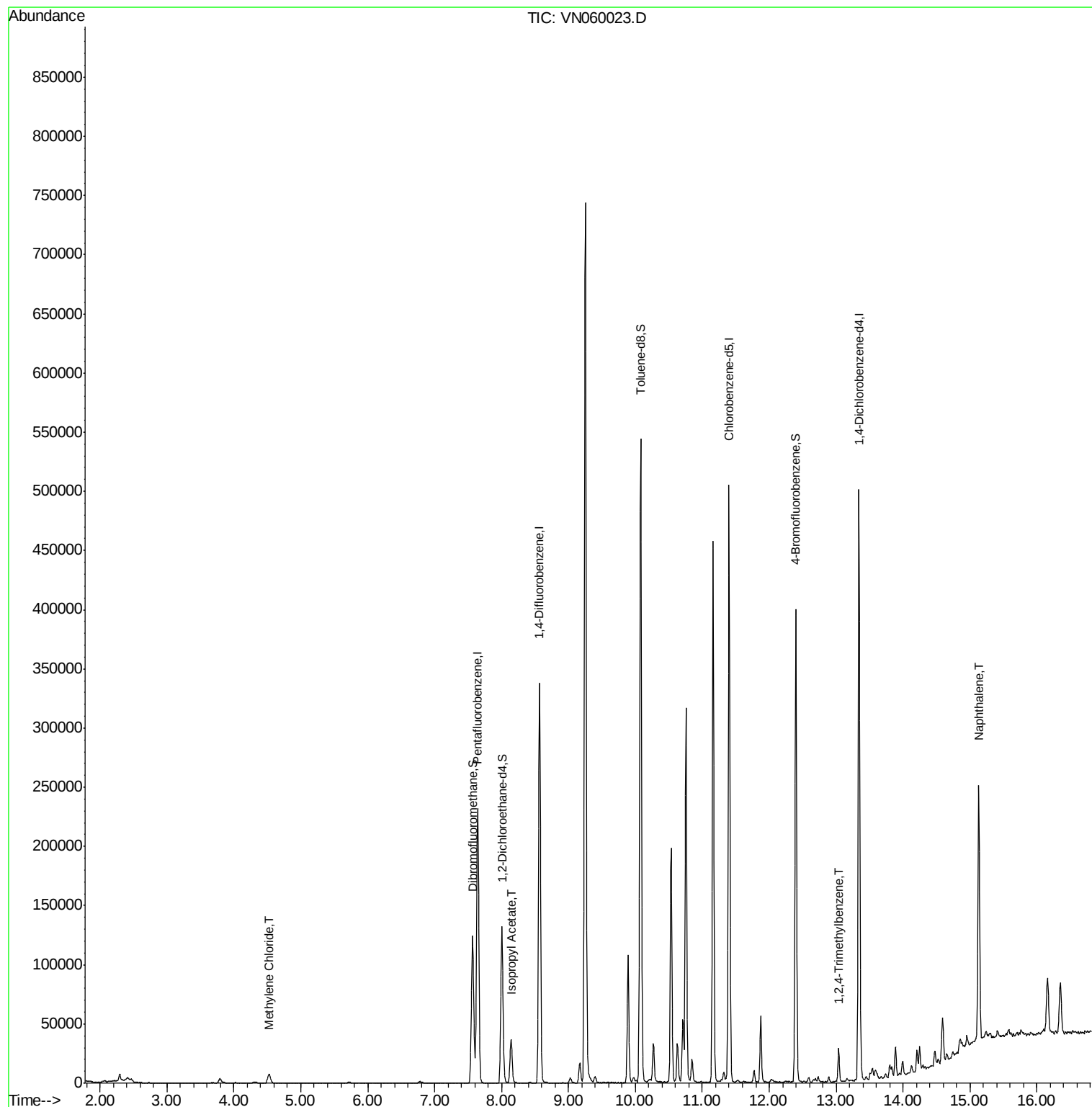
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	197297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	306287	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	291139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	135795	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	114732	52.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.72%	
35) Dibromofluoromethane	7.57	113	94226	51.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.18%	
50) Toluene-d8	10.08	98	371961	52.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.12%	
62) 4-Bromofluorobenzene	12.40	95	136348	53.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.88%	
Target Compounds						
20) Methylene Chloride	4.53	84	6213	1.889	ug/l #	78
43) Isopropyl Acetate	8.14	43	44386	10.315	ug/l #	90
84) 1,2,4-Trimethylbenzene	13.04	105	16382	1.977	ug/l	98
95) Naphthalene	15.13	128	186200	25.154	ug/l	99

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

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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: VN060023.D

Acq: 7 Feb 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

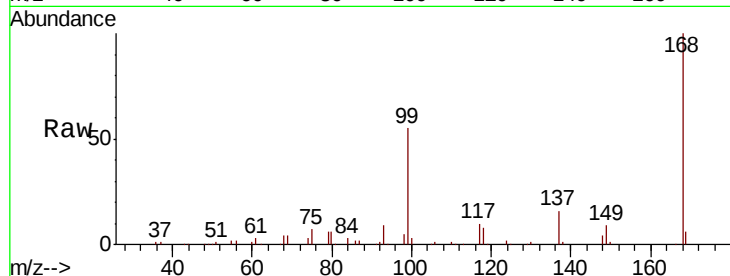
350

Tot Ion:168 Resp: 197297

Ion Ratio Lower Upper

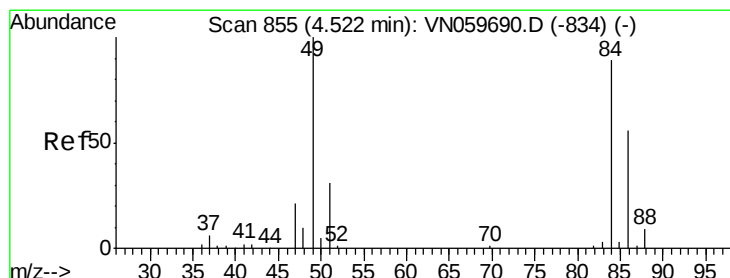
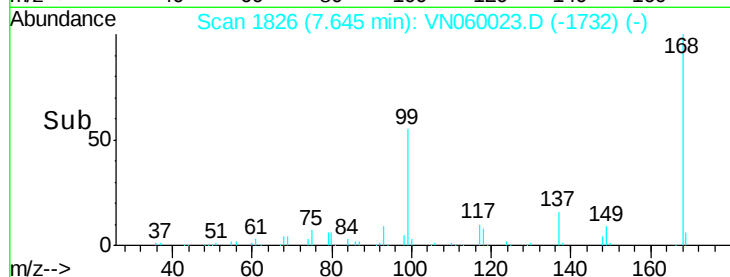
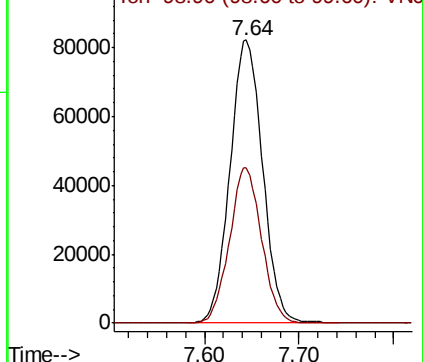
168 100

99 54.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#20

Methylene Chloride

Concen: 1.889 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN060023.D

Acq: 7 Feb 2020 11:58

Tgt Ion: 84 Resp: 6213

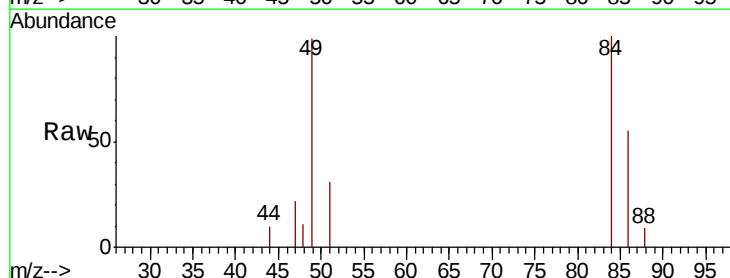
Ion Ratio Lower Upper

84 100

49 99.0 106.6 160.0#

51 30.6 31.9 47.9#

86 55.1 50.8 76.2

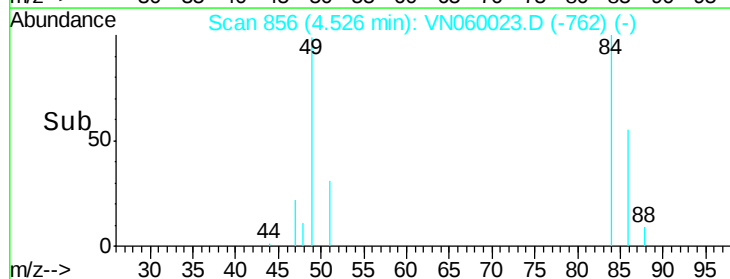
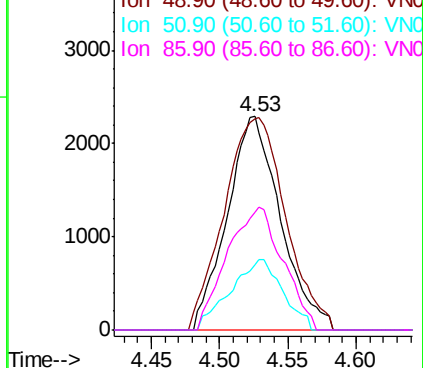


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0

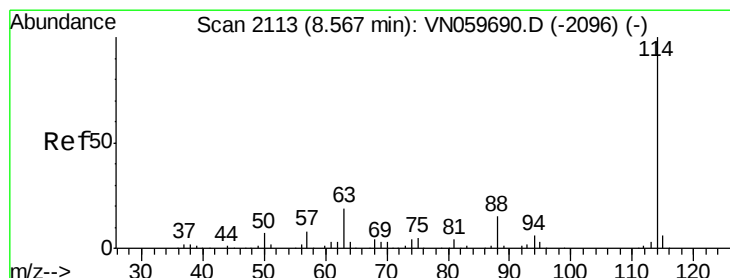
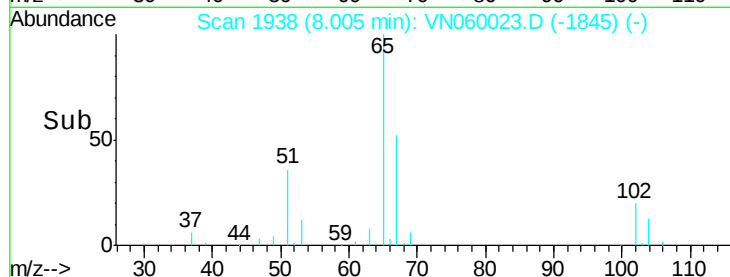
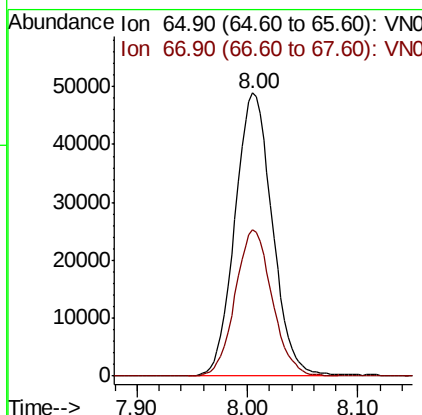
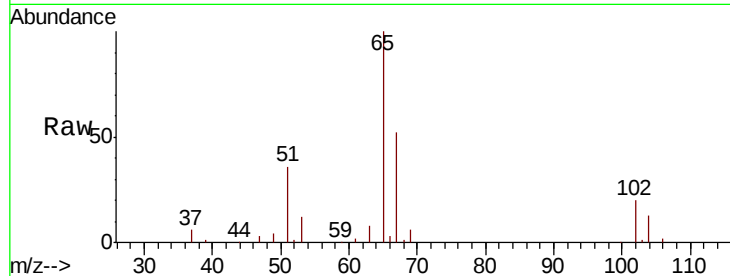




#33
 1,2-Dichloroethane-d4
 Concen: 52.364 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060023.D
 Acq: 7 Feb 2020 11:58

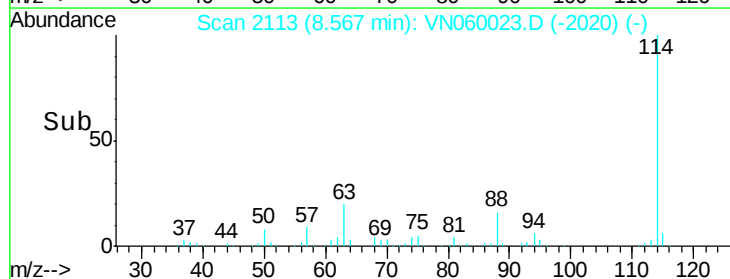
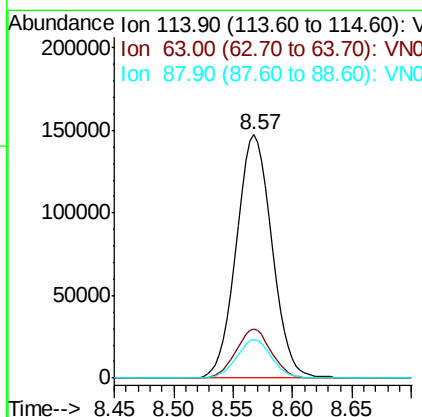
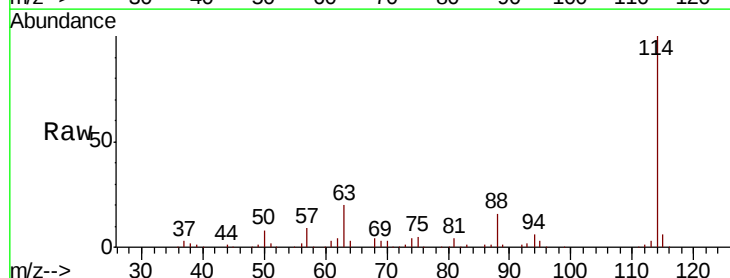
Instrument :
 MSVOA_N
 ClientSampled :
 350

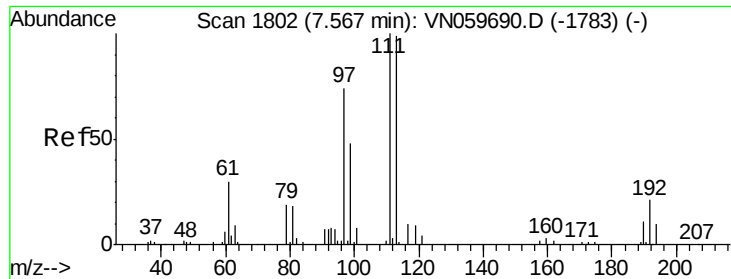
Tot Ion: 65 Resp: 114732
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060023.D
 Acq: 7 Feb 2020 11:58

Tgt Ion: 114 Resp: 306287
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 43.6
 88 15.8 0.0 31.4

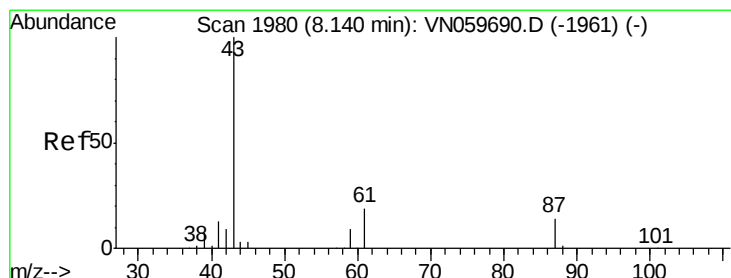
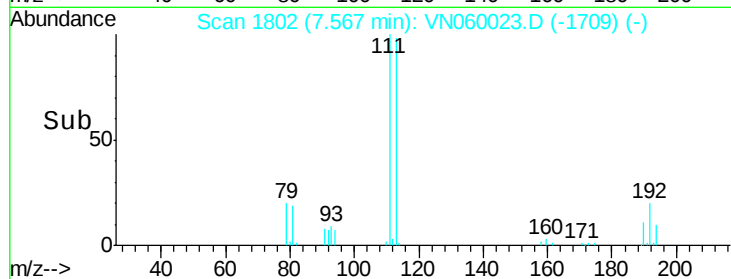
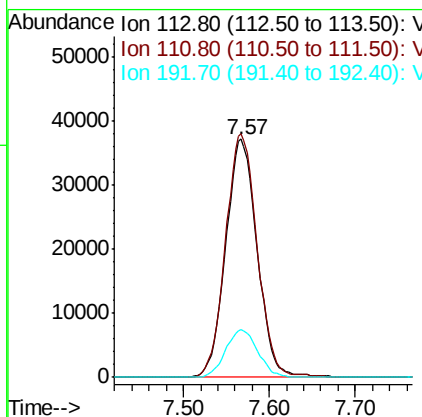
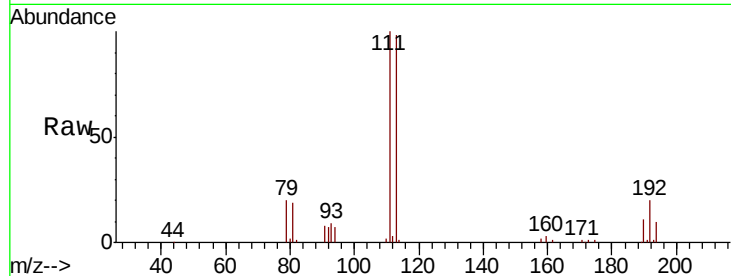




#35
 Dibromofluoromethane
 Concen: 51.588 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060023.D
 Acq: 7 Feb 2020 11:58

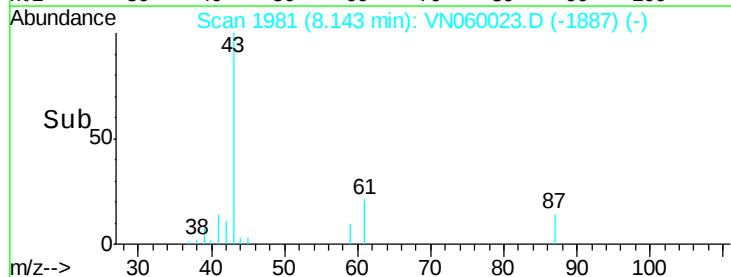
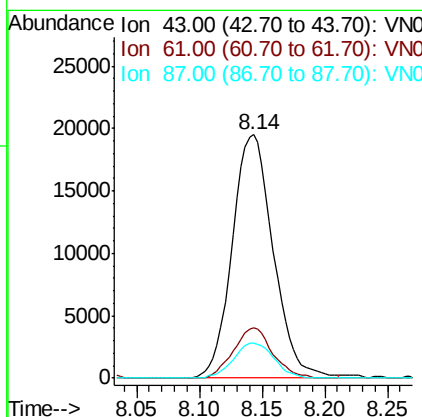
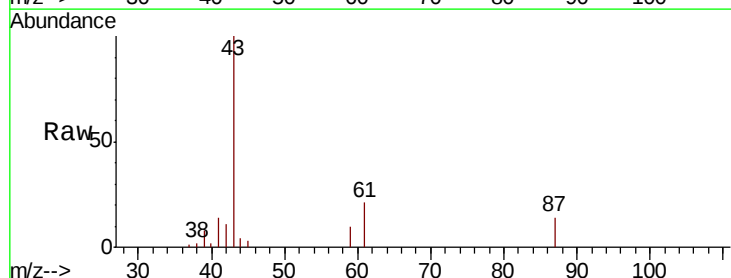
Instrument :
 MSVOA_N
 ClientSampleId :
 350

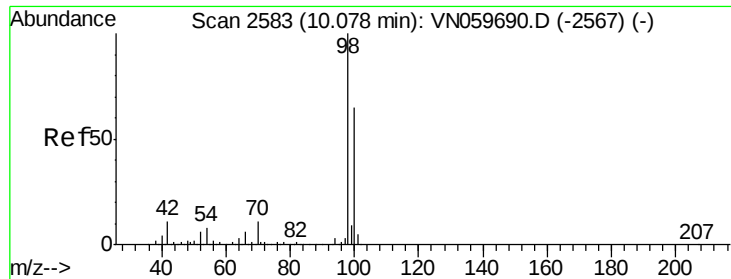
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.5	125.3
192	20.3	15.4	23.2



#43
 Isopropyl Acetate
 Concen: 10.315 ug/l
 RT: 8.14 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: VN060023.D
 Acq: 7 Feb 2020 11:58

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.5	20.2	30.2#
87	14.1	9.5	14.3





#50

Toluene-d8

Concen: 52.560 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060023.D

Acq: 7 Feb 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

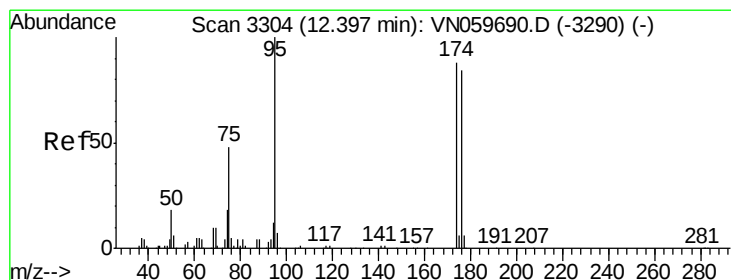
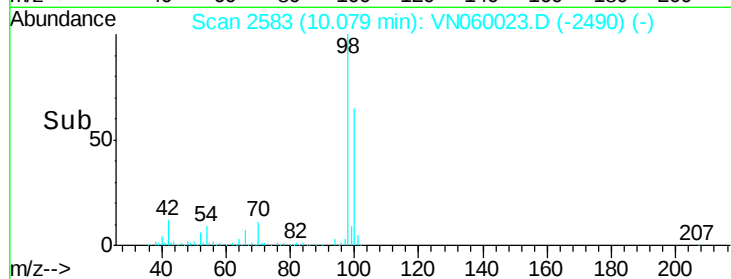
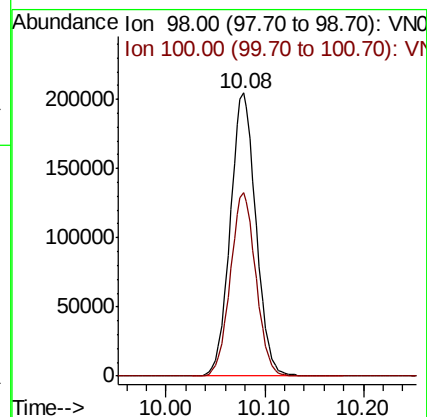
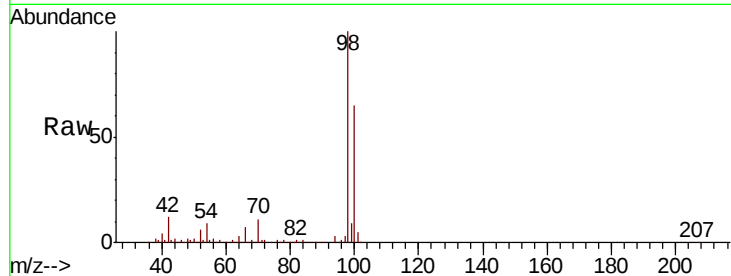
350

Tot Ion: 98 Resp: 371961

Ion Ratio Lower Upper

98 100

100 64.4 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 53.445 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060023.D

Acq: 7 Feb 2020 11:58

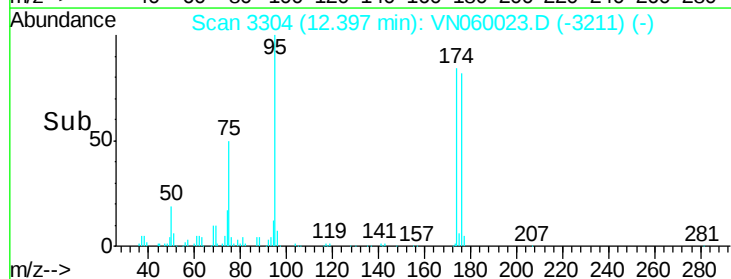
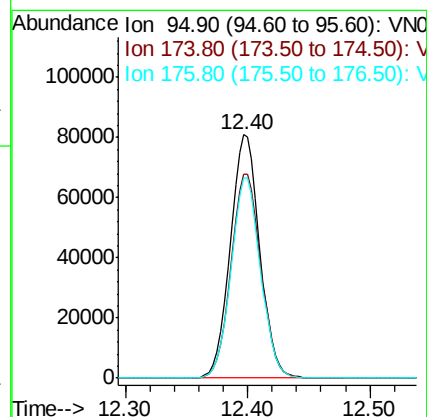
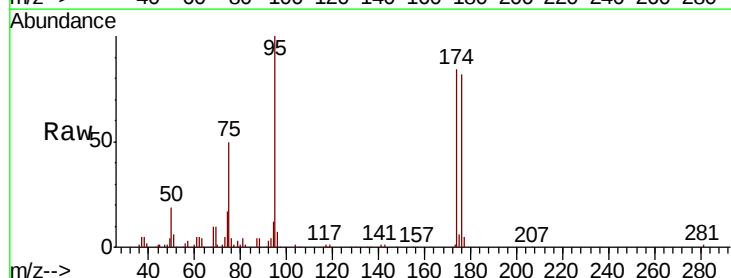
Tgt Ion: 95 Resp: 136348

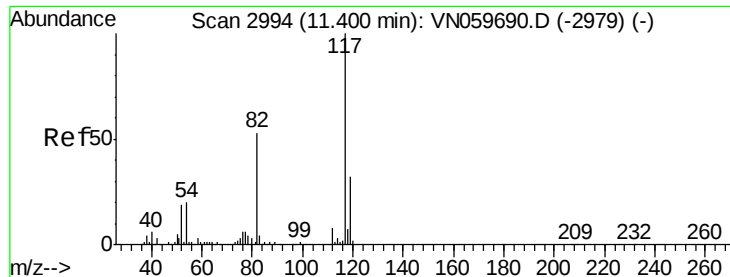
Ion Ratio Lower Upper

95 100

174 85.3 0.0 151.4

176 82.3 0.0 146.0

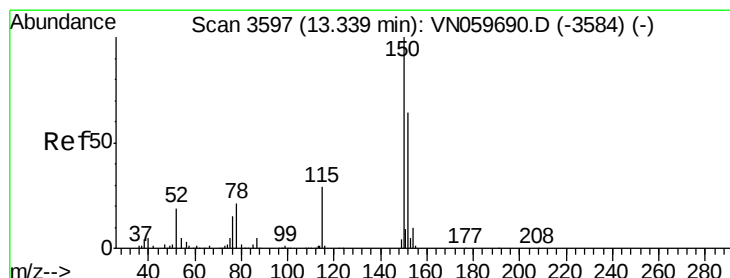
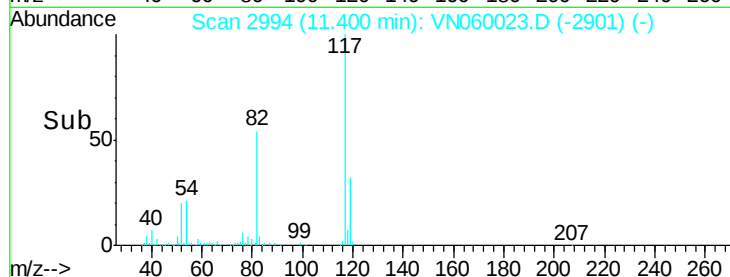
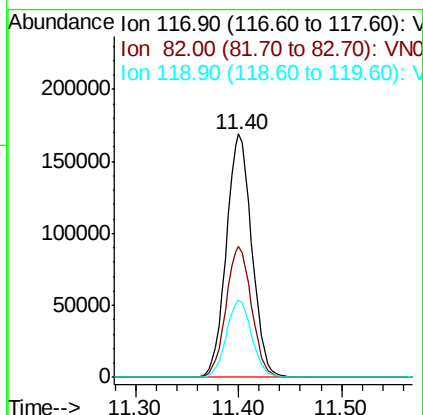
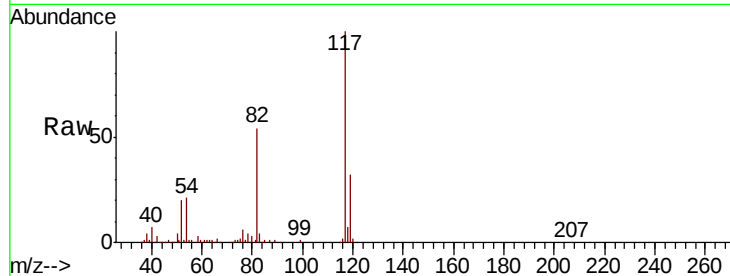




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060023.D
Acq: 7 Feb 2020 11:58

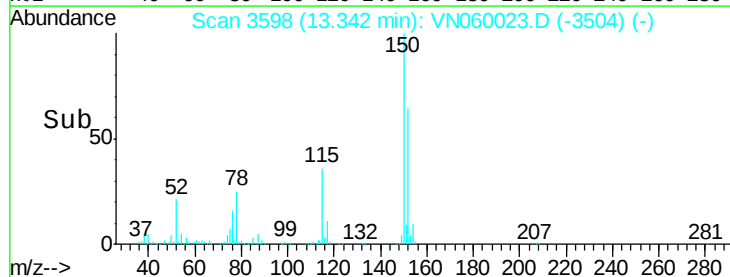
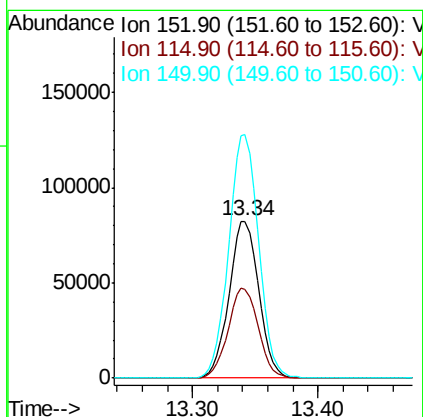
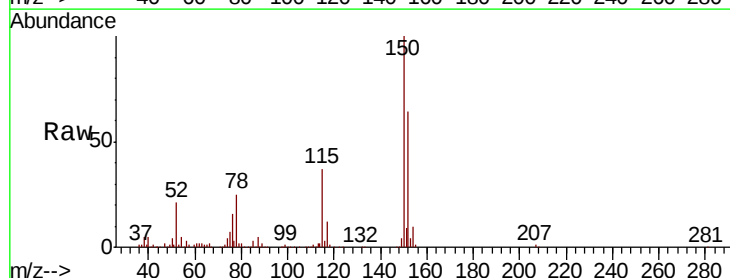
Instrument :
MSVOA_N
ClientSampled :
350

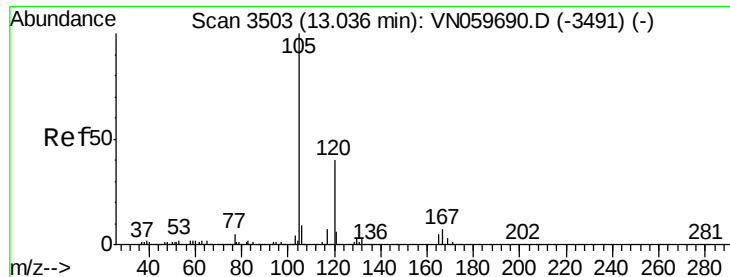
Tot Ion:117 Resp: 291139
Ion Ratio Lower Upper
117 100
82 53.6 45.9 68.9
119 31.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN060023.D
Acq: 7 Feb 2020 11:58

Tgt Ion:152 Resp: 135795
Ion Ratio Lower Upper
152 100
115 58.3 30.3 90.9
150 156.2 0.0 345.2

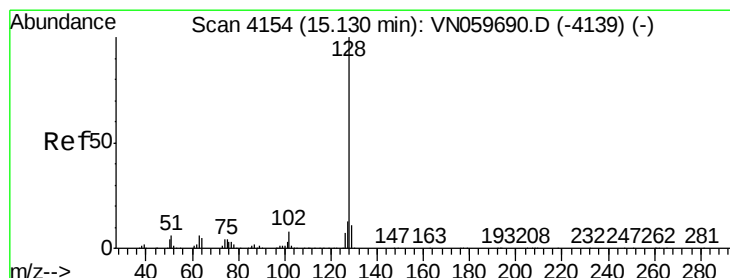
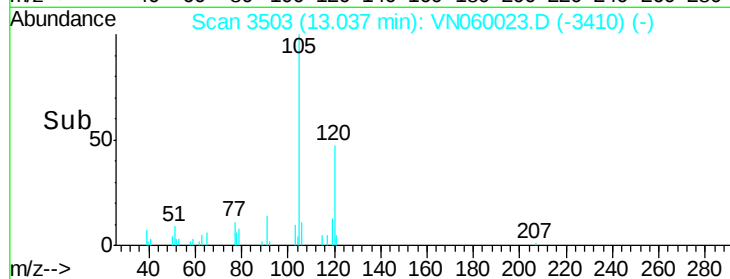
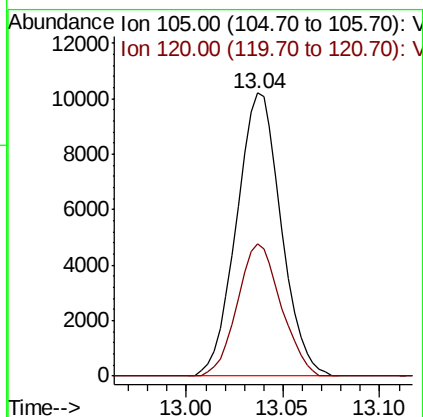
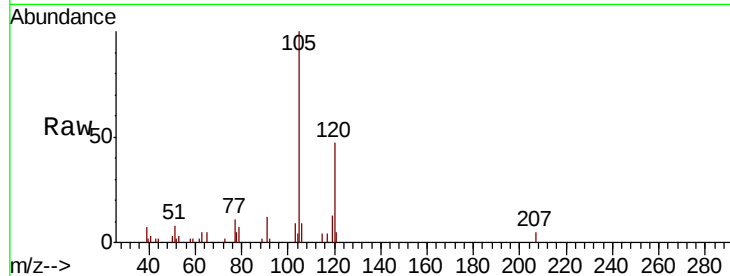




#84
 1,2,4-Trimethylbenzene
 Concen: 1.977 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN060023.D
 Acq: 7 Feb 2020 11:58

Instrument :
 MSVOA_N
 ClientSampled :
 350

Tot Ion:105 Resp: 16382
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.3 66.9



#95
 Naphthalene
 Concen: 25.154 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. 0.00 min
 Lab File: VN060023.D
 Acq: 7 Feb 2020 11:58

Tgt Ion:128 Resp: 186200
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.4 15.6
 129 10.9 8.6 12.8

