

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021320\
 Data File : VN060089.D
 Acq On : 13 Feb 2020 13:06
 Operator : JC/MD
 Sample : L1385-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HD-02-021220

Quant Time: Feb 14 05:44:01 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

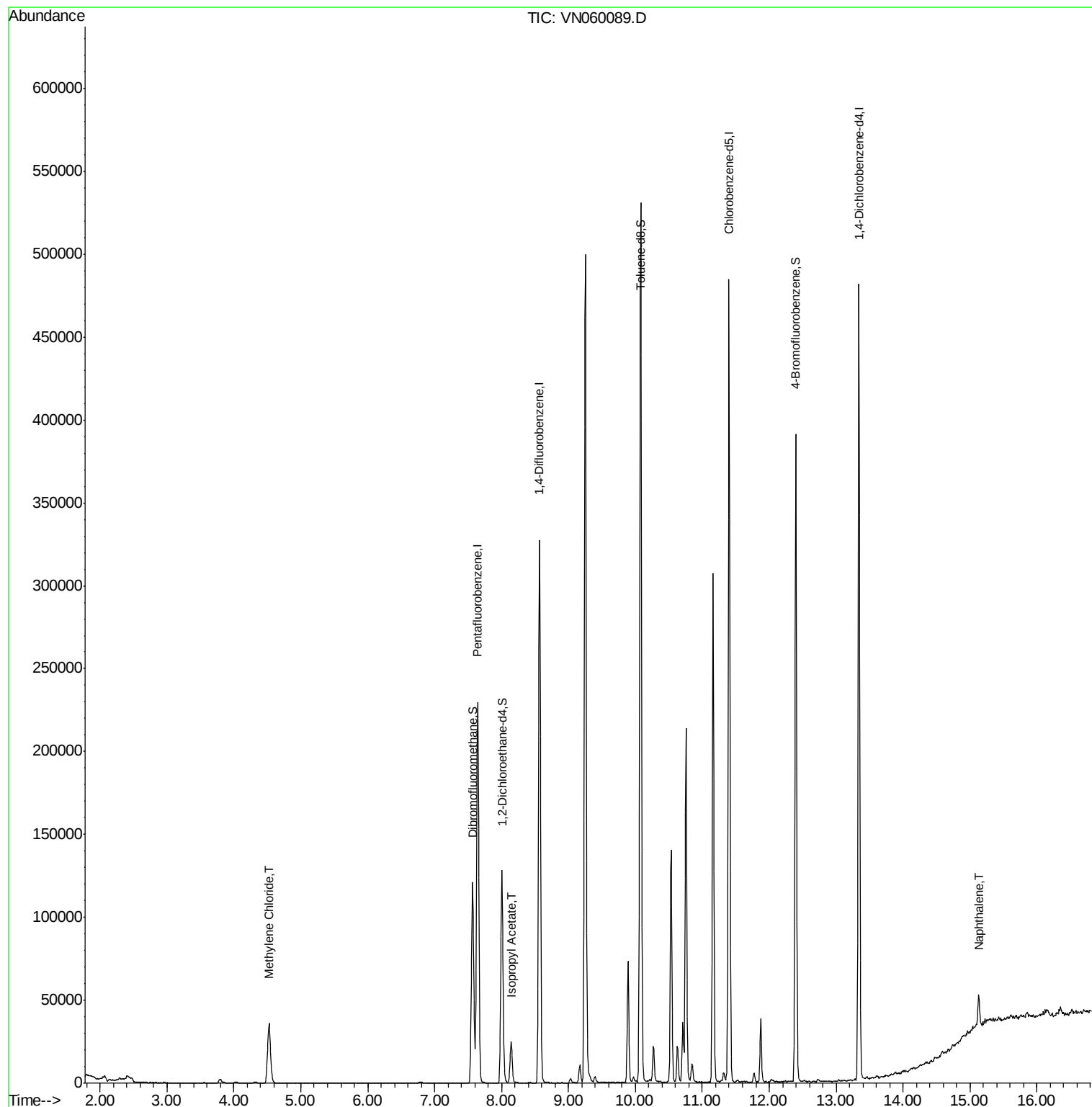
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	192712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	303223	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	284178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	128914	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	111120	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.78%	
35) Dibromofluoromethane	7.57	113	92009	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
50) Toluene-d8	10.08	98	366814	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
62) 4-Bromofluorobenzene	12.40	95	131649	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
Target Compounds						
20) Methylene Chloride	4.52	84	28632	14.031	ug/l	96
43) Isopropyl Acetate	8.14	43	30170	6.953	ug/l #	90
95) Naphthalene	15.13	128	16775	2.554	ug/l	99

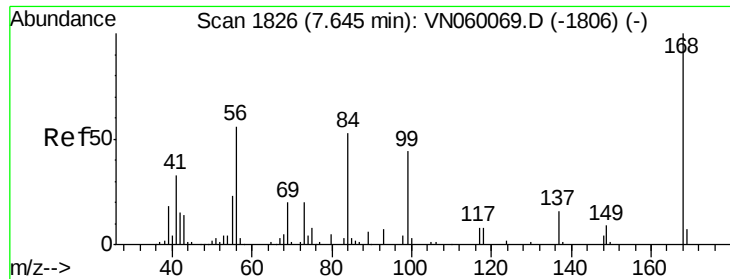
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021320\
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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: VN060089.D

Acq: 13 Feb 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

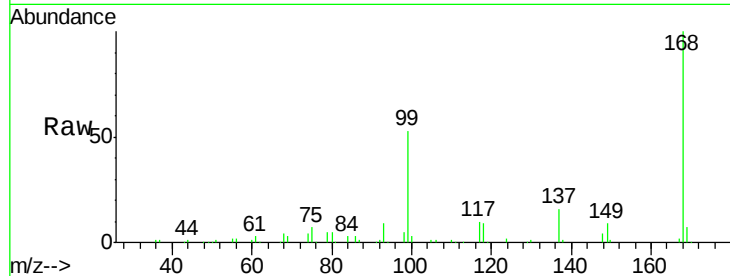
HD-02-021220

Tot Ion:168 Resp: 192712

Ion Ratio Lower Upper

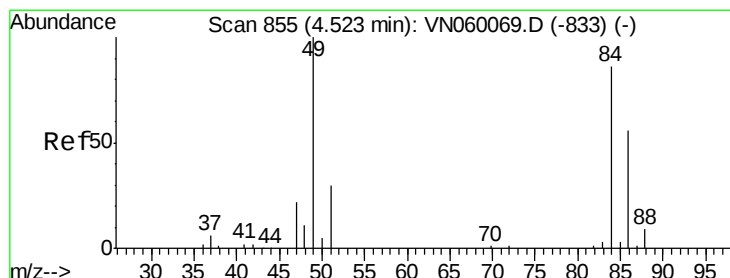
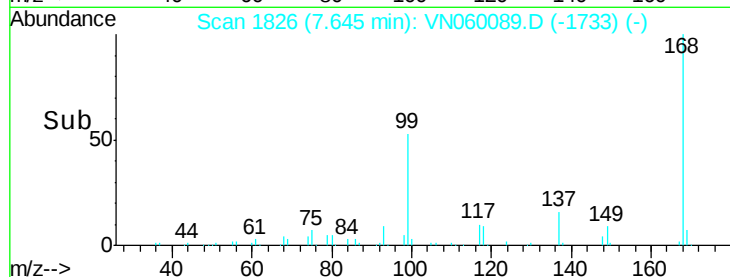
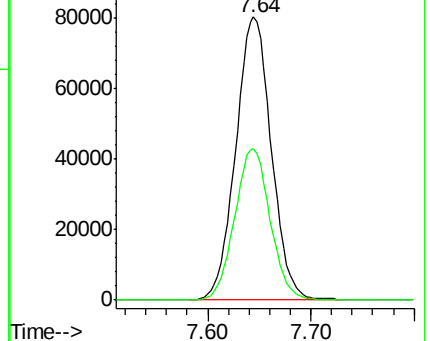
168 100

99 53.4 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 14.031 ug/l

RT: 4.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: VN060089.D

Acq: 13 Feb 2020 13:06

Tgt Ion: 84 Resp: 28632

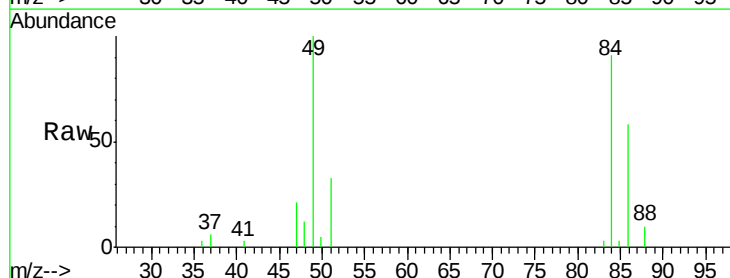
Ion Ratio Lower Upper

84 100

49 110.3 93.4 140.0

51 36.1 28.4 42.6

86 63.8 52.5 78.7

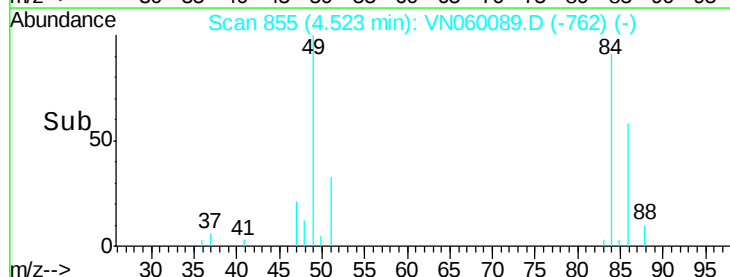
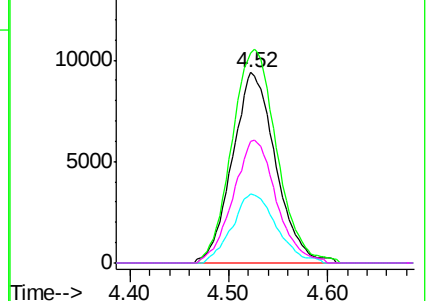


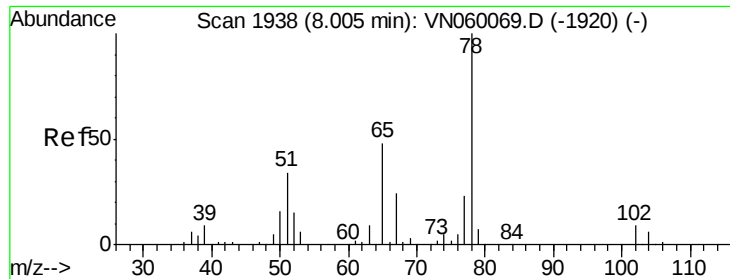
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

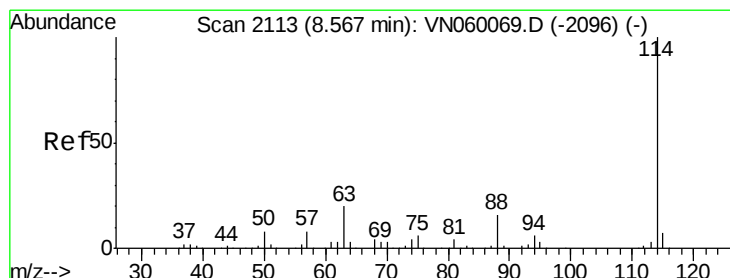
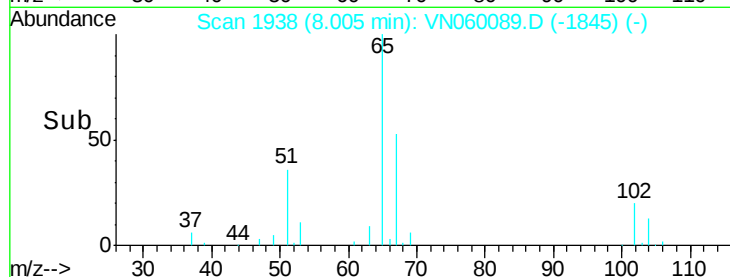
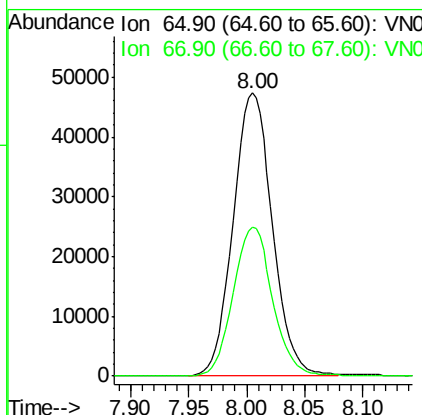
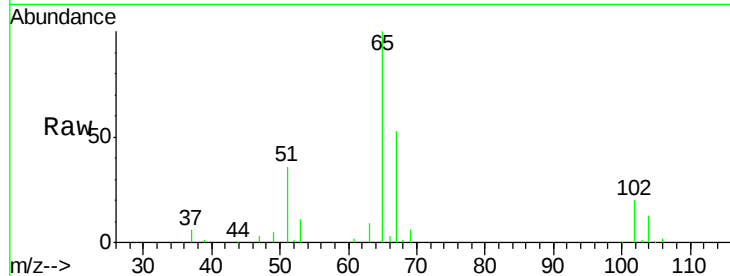




#33
 1,2-Dichloroethane-d4
 Concen: 47.386 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060089.D
 Acq: 13 Feb 2020 13:06

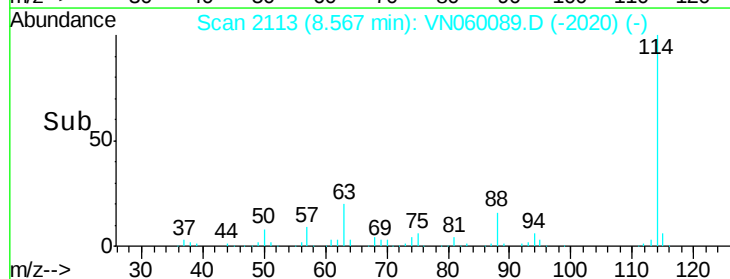
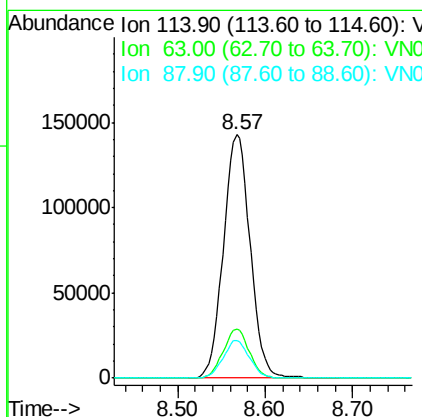
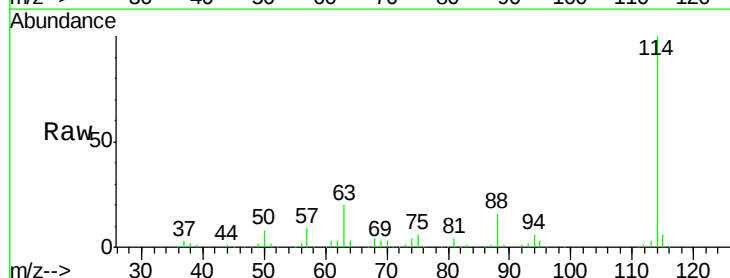
Instrument :
 MSVOA_N
 ClientSampled :
 HD-02-021220

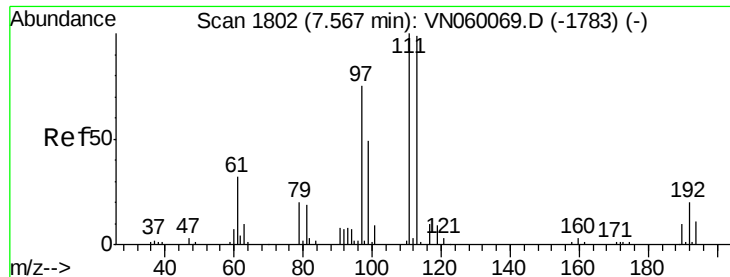
Tot Ion: 65 Resp: 111120
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060089.D
 Acq: 13 Feb 2020 13:06

Tgt Ion: 114 Resp: 303223
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.0
 88 15.6 0.0 31.6

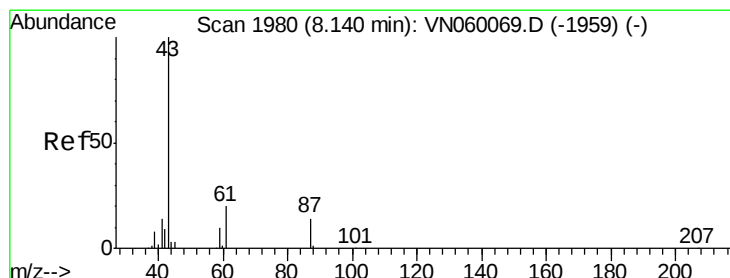
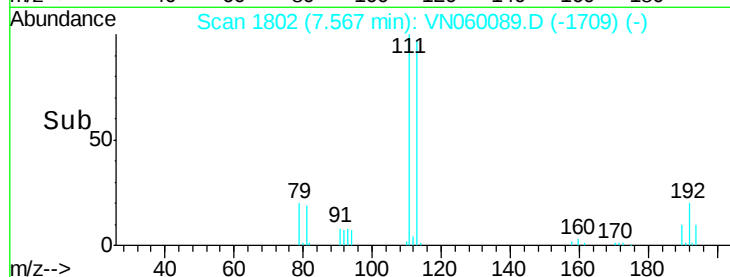
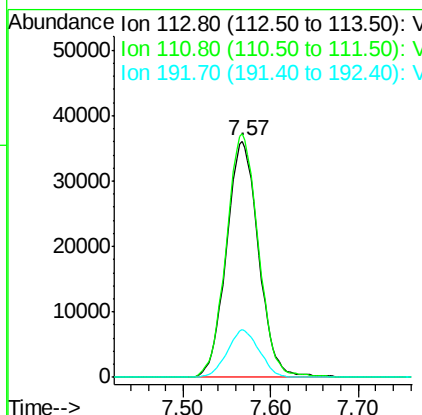
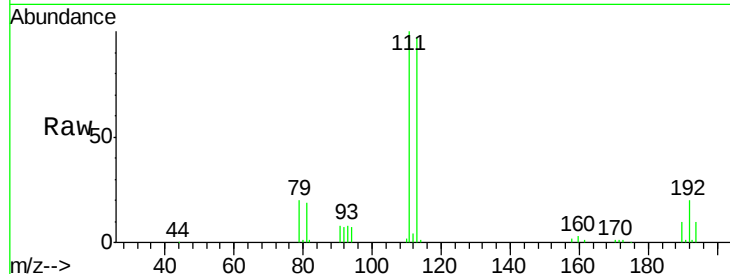




#35
 Dibromofluoromethane
 Concen: 49.363 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060089.D
 Acq: 13 Feb 2020 13:06

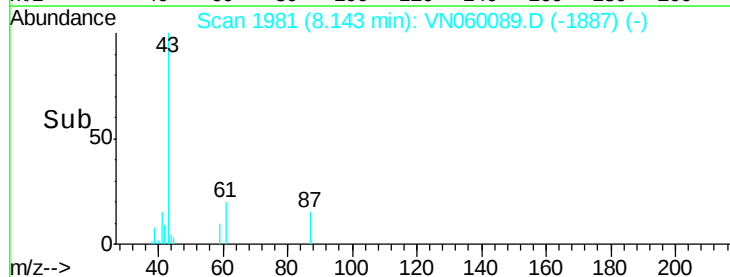
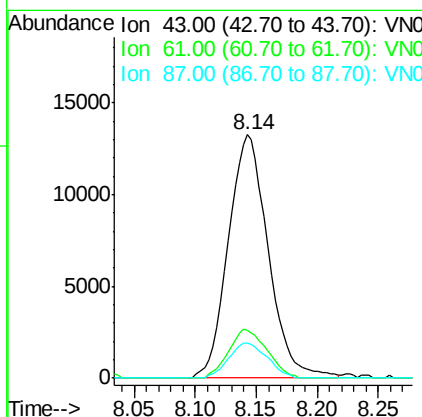
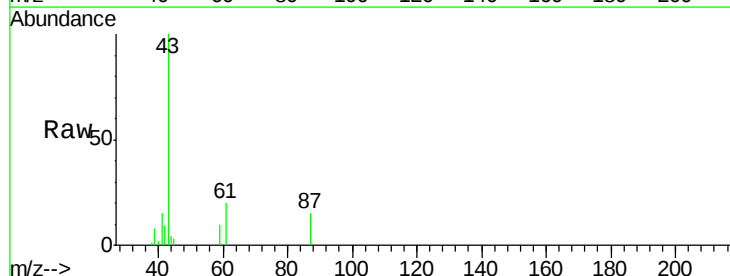
Instrument :
 MSVOA_N
 ClientSampleId :
 HD-02-021220

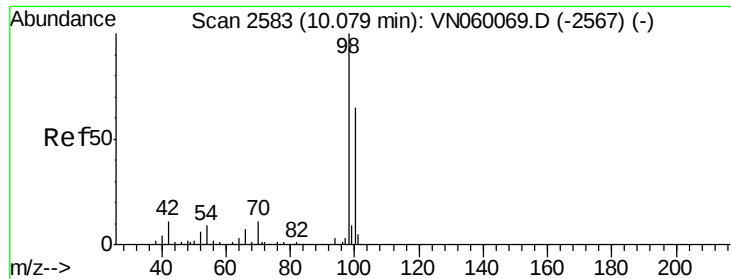
Tot Ion:113 Resp: 92009
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.4 122.2
 192 20.0 16.2 24.2



#43
 Isopropyl Acetate
 Concen: 6.953 ug/l
 RT: 8.14 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: VN060089.D
 Acq: 13 Feb 2020 13:06

Tgt Ion: 43 Resp: 30170
 Ion Ratio Lower Upper
 43 100
 61 19.3 21.8 32.6#
 87 13.9 11.4 17.2





#50

Toluene-d8

Concen: 49.975 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060089.D

Acq: 13 Feb 2020 13:06

Instrument :

MSVOA_N

ClientSampled :

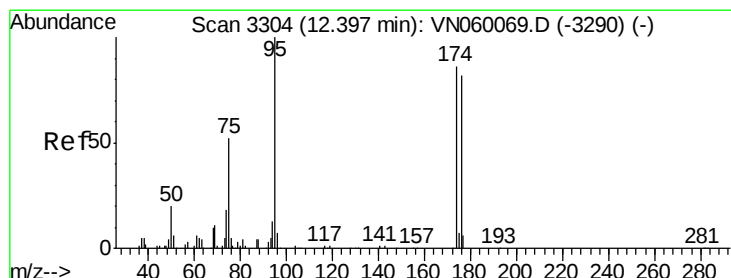
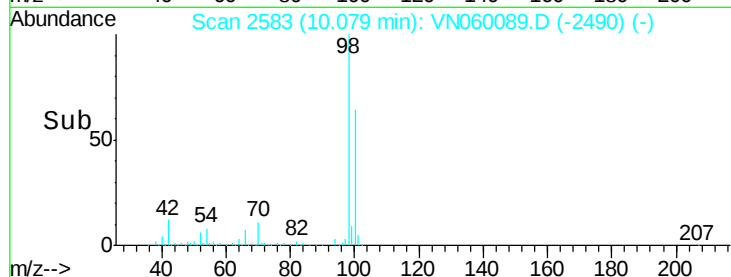
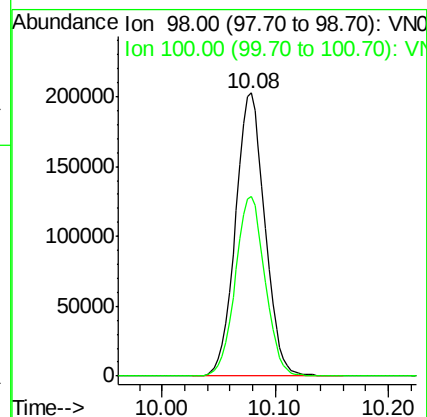
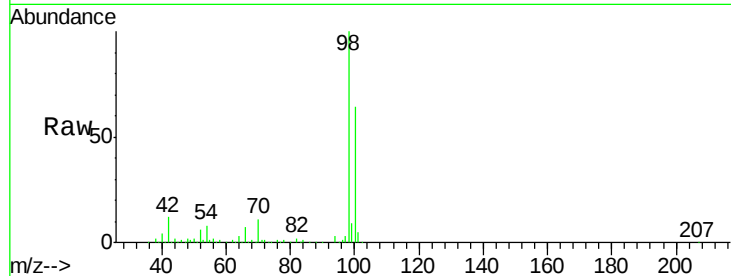
HD-02-021220

Tot Ion: 98 Resp: 366814

Ion Ratio Lower Upper

98 100

100 64.1 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 48.811 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060089.D

Acq: 13 Feb 2020 13:06

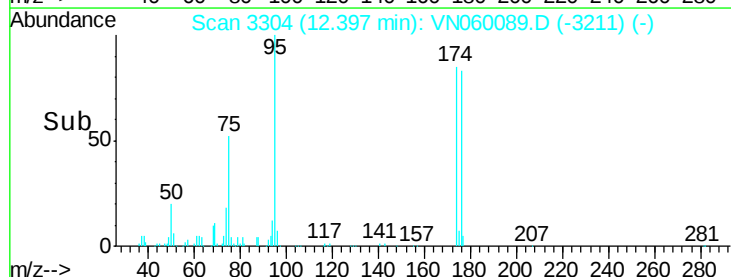
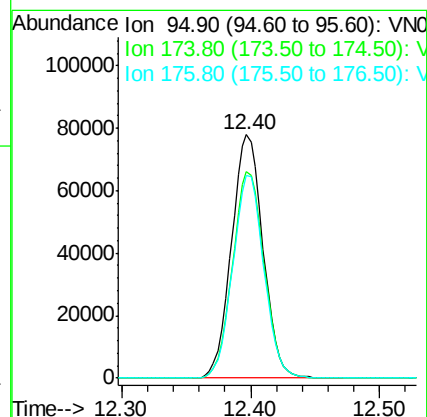
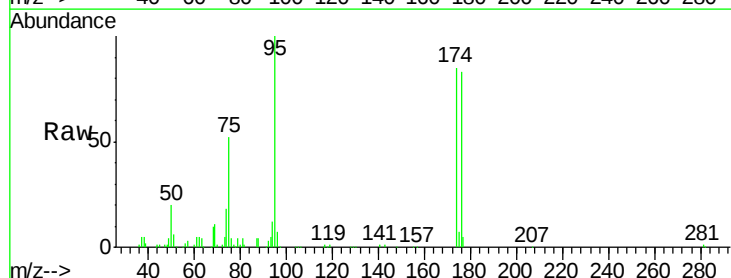
Tgt Ion: 95 Resp: 131649

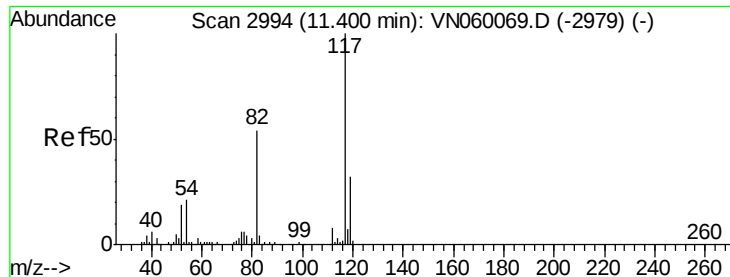
Ion Ratio Lower Upper

95 100

174 85.4 0.0 169.8

176 82.6 0.0 164.8

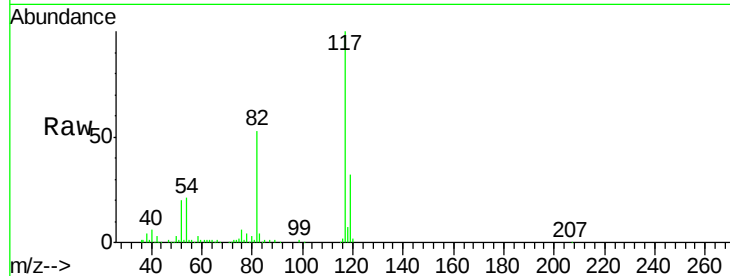




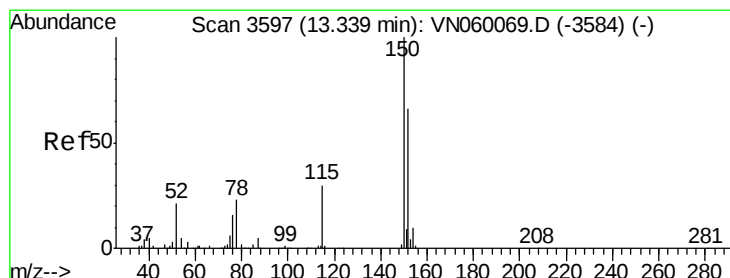
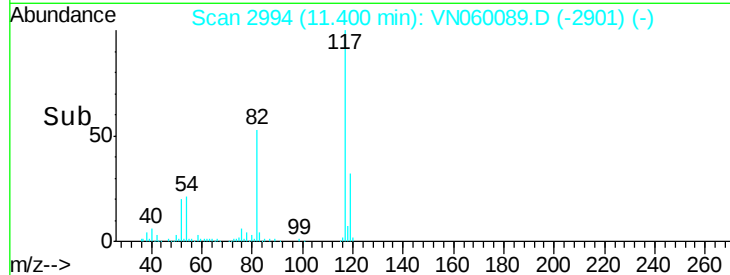
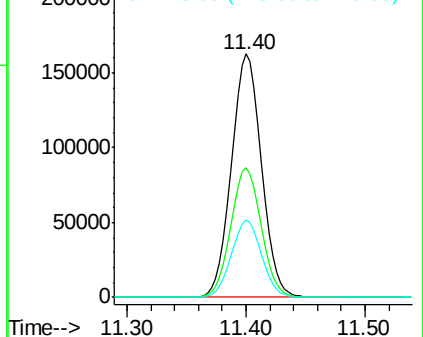
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060089.D
Acq: 13 Feb 2020 13:06

Instrument :
MSVOA_N
ClientSampleId :
HD-02-021220

Tot Ion:117 Resp: 284178
Ion Ratio Lower Upper
117 100
82 53.2 43.4 65.0
119 31.7 25.8 38.6

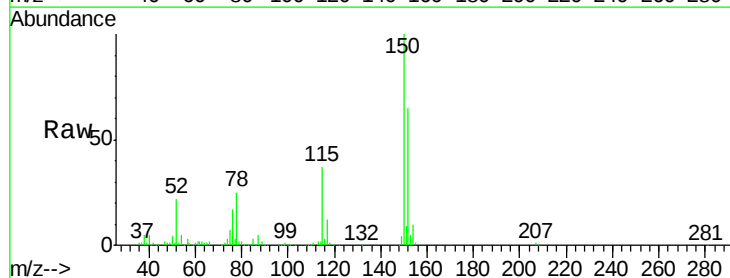


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

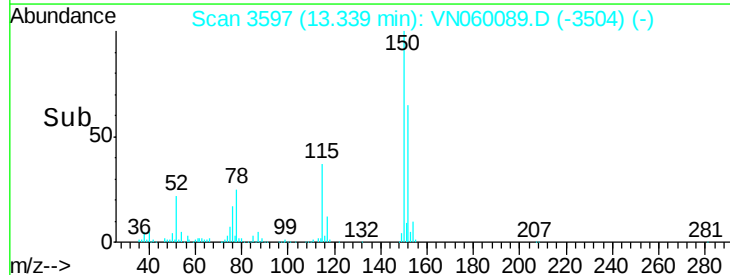
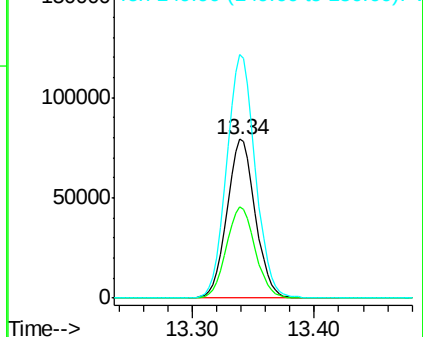


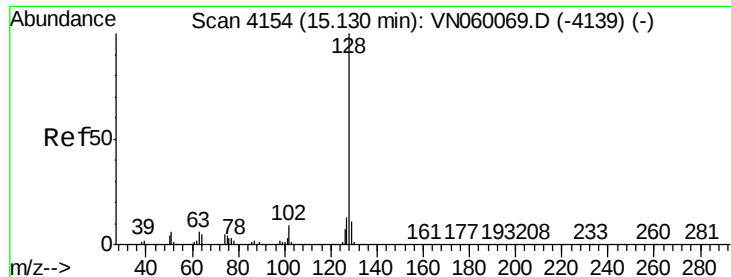
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060089.D
Acq: 13 Feb 2020 13:06

Tgt Ion:152 Resp: 128914
Ion Ratio Lower Upper
152 100
115 58.5 28.9 86.8
150 155.3 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





#95

Naphthalene

Concen: 2.554 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN060089.D

Acq: 13 Feb 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

HD-02-021220

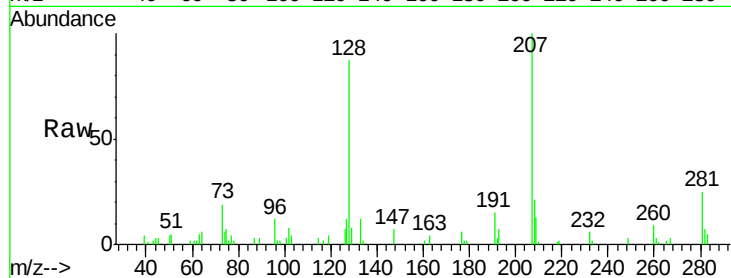
Tot Ion:128 Resp: 16775

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.0 8.6 13.0



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

