

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN030920\
 Data File : VN060396.D
 Acq On : 9 Mar 2020 12:32
 Operator : JC/MD
 Sample : PB127354ZHE#01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127354ZHE#01

Quant Time: Mar 09 17:06:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	203868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	336307	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	304996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	132508	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	130529	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
35) Dibromofluoromethane	7.56	113	96259	61.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.32%	
50) Toluene-d8	10.08	98	409952	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
62) 4-Bromofluorobenzene	12.40	95	145997	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	

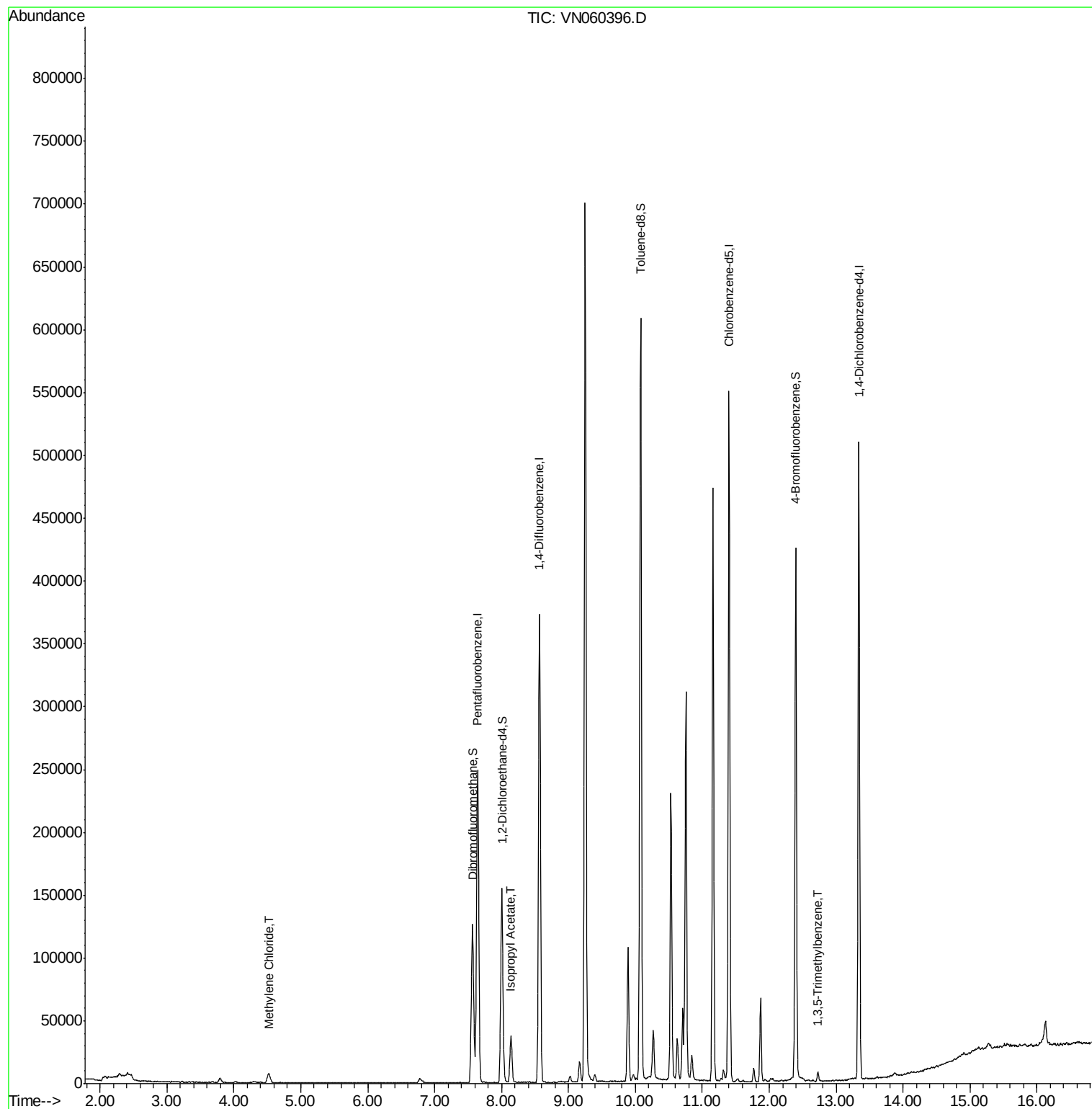
Target Compounds						Qvalue
20) Methylene Chloride	4.52	84	5658	2.44	ug/l	# 91
43) Isopropyl Acetate	8.14	43	44305	8.34	ug/l	# 89
80) 1,3,5-Trimethylbenzene	12.73	105	4309	0.52	ug/l	100

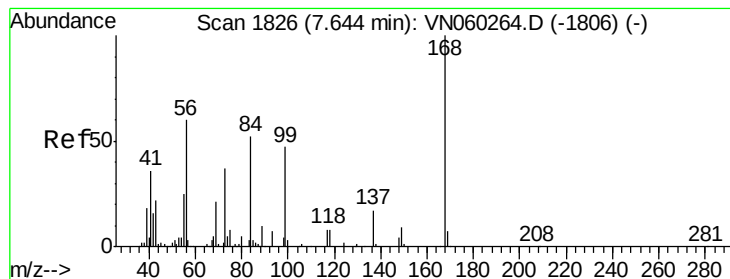
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060396.D

Acq: 9 Mar 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

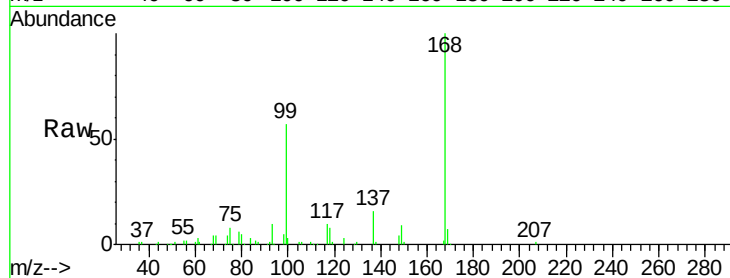
PB127354ZHE#01

Tgt Ion:168 Resp: 203868

Ion Ratio Lower Upper

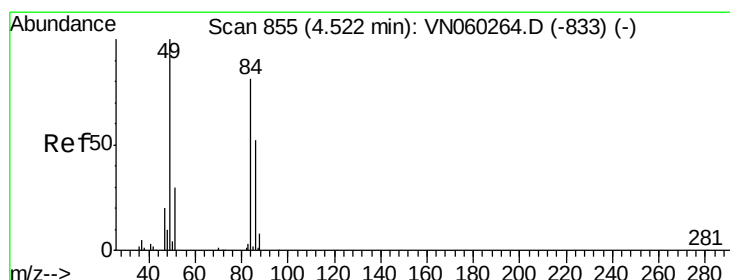
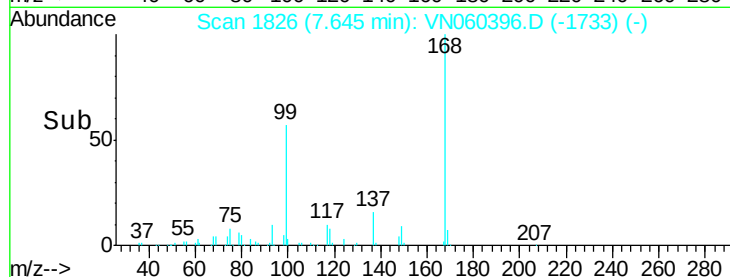
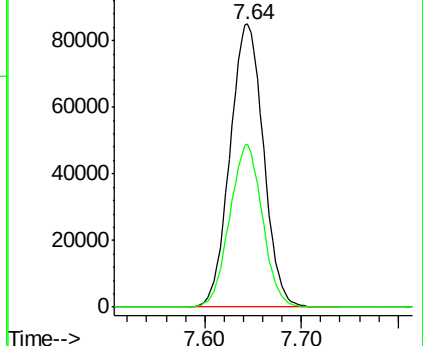
168 100

99 57.4 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#20

Methylene Chloride

Concen: 2.44 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN060396.D

Acq: 9 Mar 2020 12:32

Tgt Ion: 84 Resp: 5658

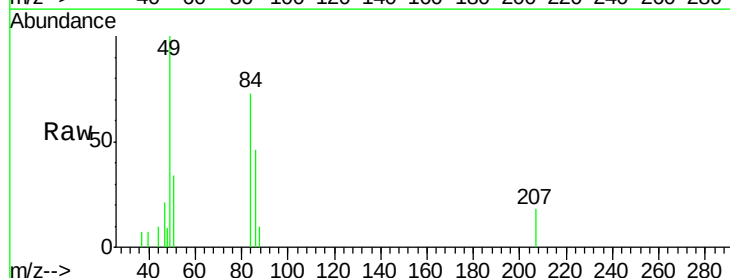
Ion Ratio Lower Upper

84 100

49 136.2 99.3 148.9

51 46.4 30.1 45.1#

86 63.0 51.1 76.7

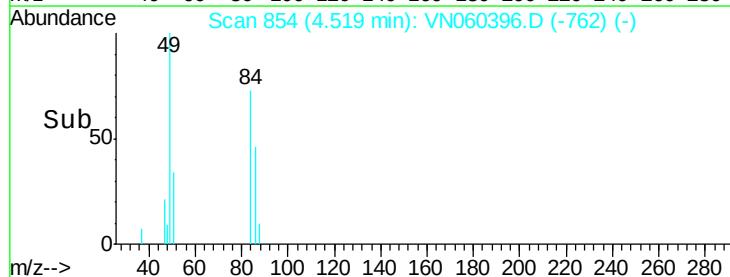
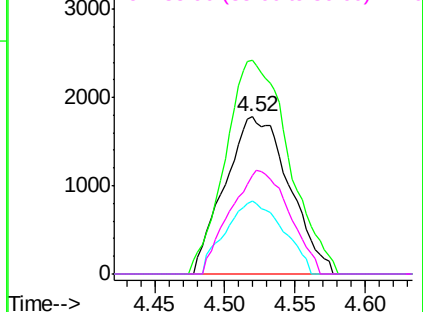


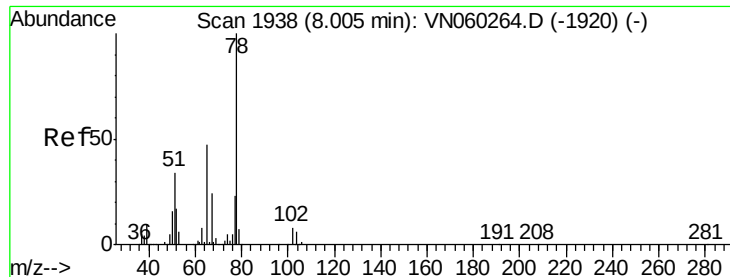
Abundance Ion 83.90 (83.60 to 84.60): VN

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

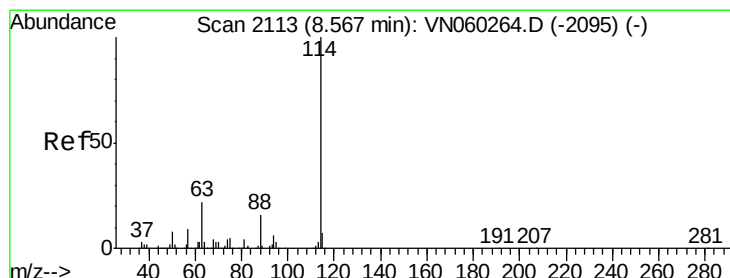
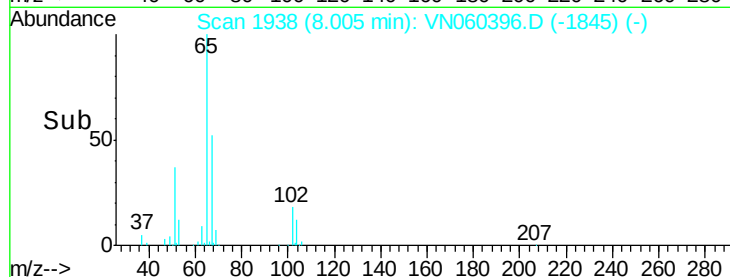
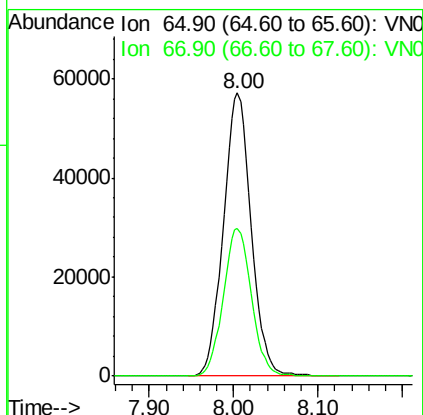
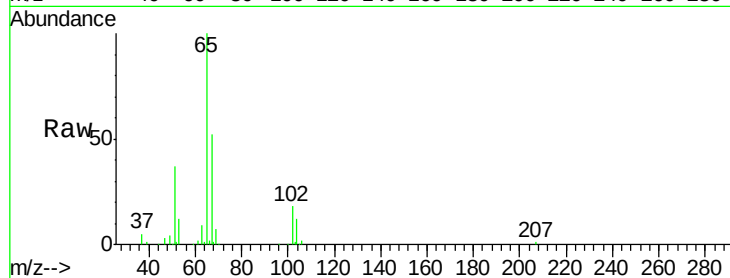




#33
 1,2-Dichloroethane-d4
 Concen: 49.90 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060396.D
 Acq: 9 Mar 2020 12:32

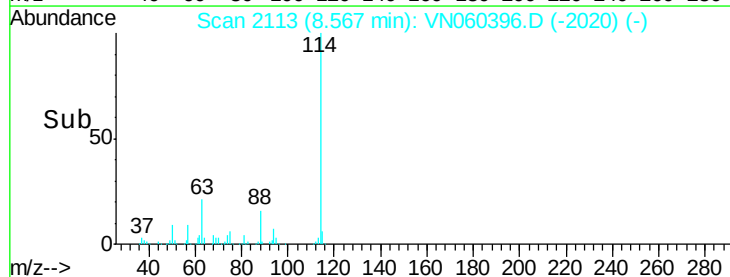
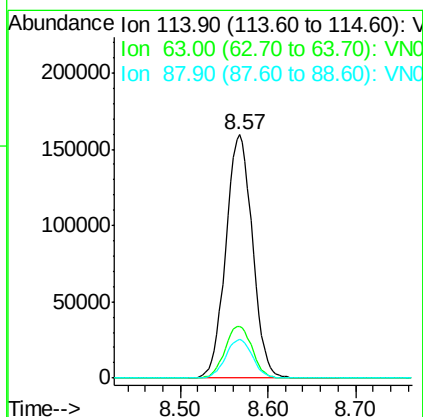
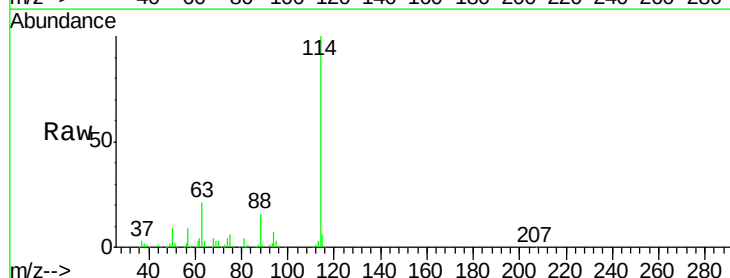
Instrument :
 MSVOA_N
 ClientSampleId :
 PB127354ZHE#01

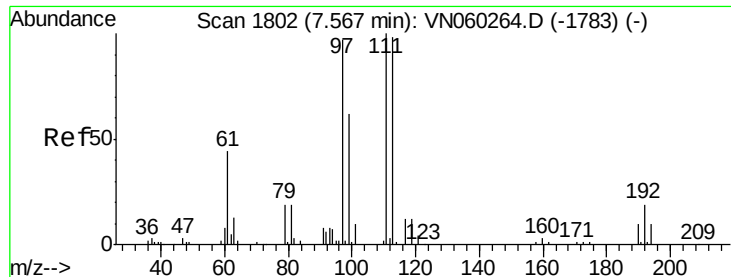
Tgt Ion: 65 Resp: 130529
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060396.D
 Acq: 9 Mar 2020 12:32

Tgt Ion: 114 Resp: 336307
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.2
 88 15.9 0.0 31.6

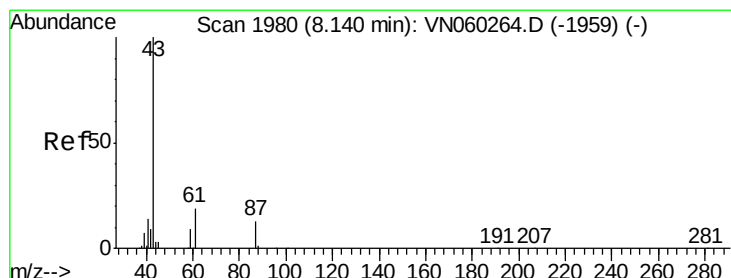
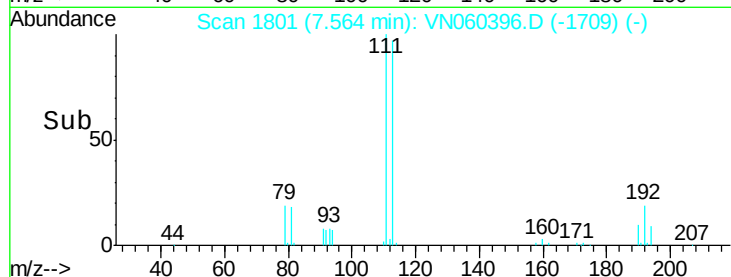
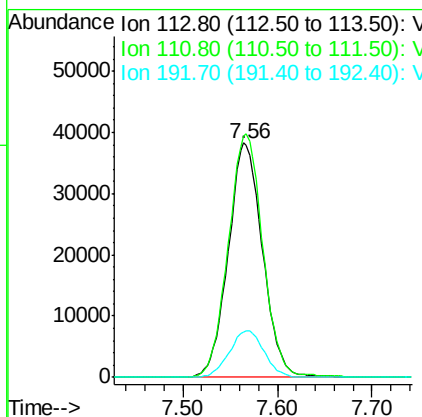
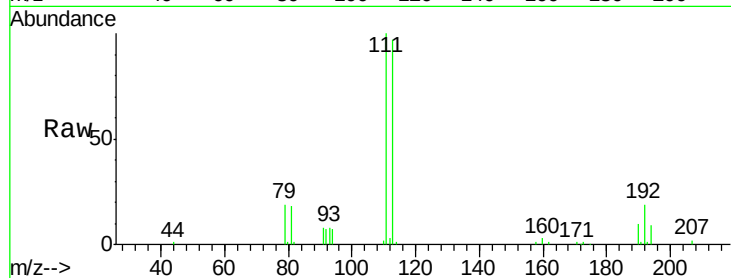




#35
 Dibromofluoromethane
 Concen: 61.66 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060396.D
 Acq: 9 Mar 2020 12:32

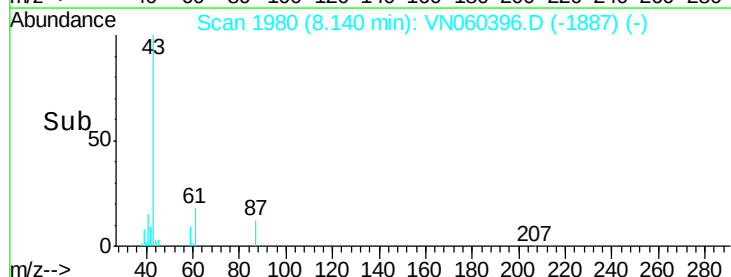
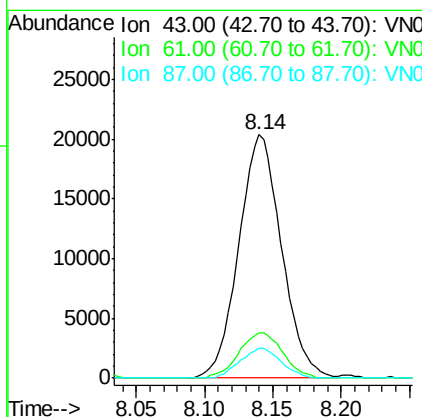
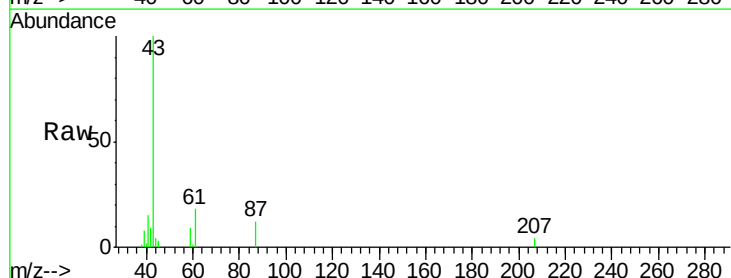
Instrument :
 MSVOA_N
 ClientSampleId :
 PB127354ZHE#01

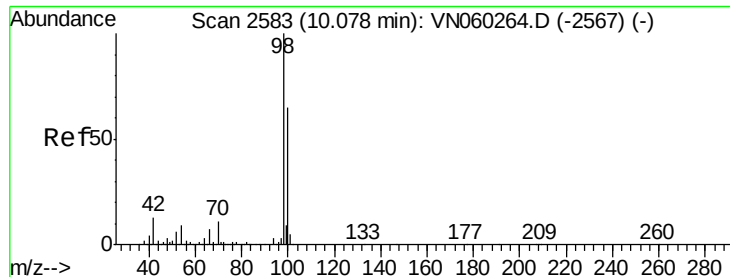
Tgt Ion:113 Resp: 96259
 Ion Ratio Lower Upper
 113 100
 111 104.3 82.4 123.6
 192 20.1 16.2 24.2



#43
 Isopropyl Acetate
 Concen: 8.34 ug/l
 RT: 8.14 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: VN060396.D
 Acq: 9 Mar 2020 12:32

Tgt Ion: 43 Resp: 44305
 Ion Ratio Lower Upper
 43 100
 61 18.9 20.9 31.3#
 87 11.8 10.6 16.0





#50

Toluene-d8

Concen: 51.89 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060396.D

Acq: 9 Mar 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

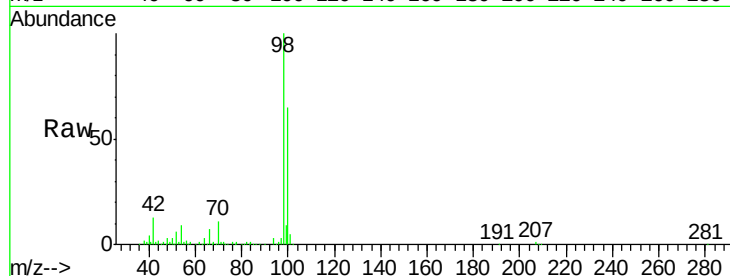
PB127354ZHE#01

Tgt Ion: 98 Resp: 409952

Ion Ratio Lower Upper

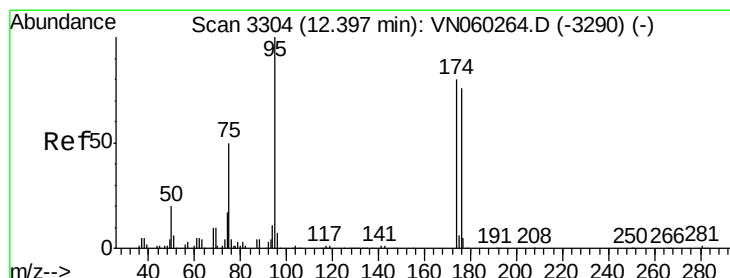
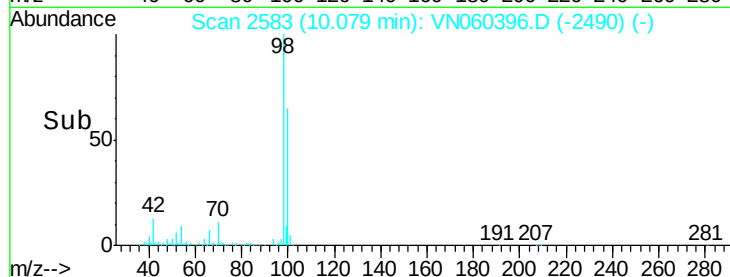
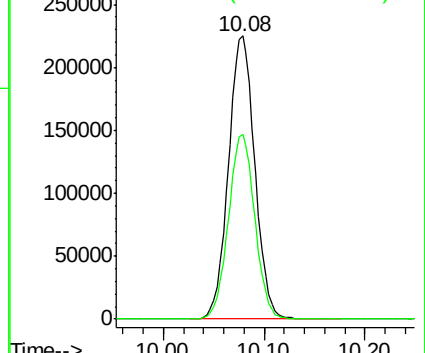
98 100

100 65.1 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 48.75 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060396.D

Acq: 9 Mar 2020 12:32

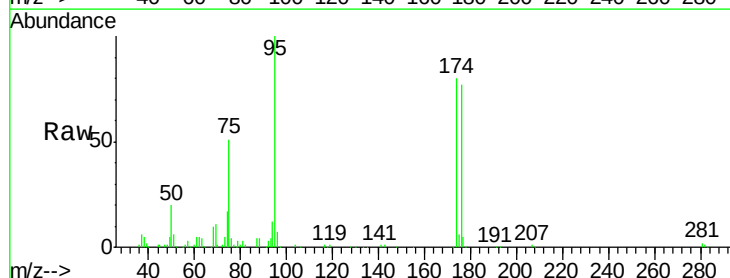
Tgt Ion: 95 Resp: 145997

Ion Ratio Lower Upper

95 100

174 79.1 0.0 159.2

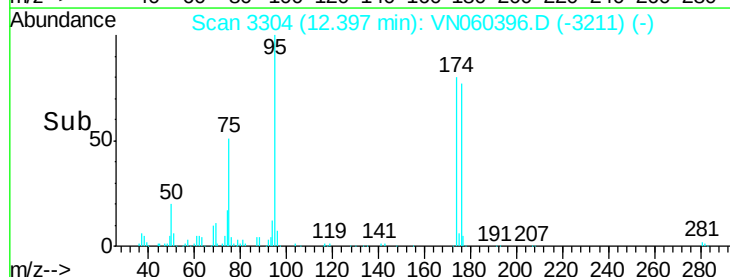
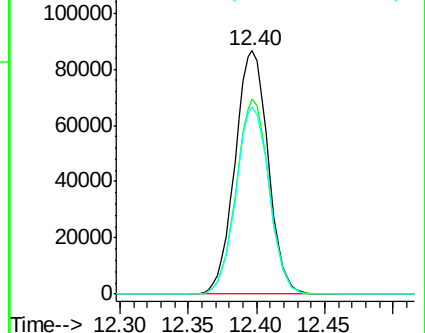
176 77.3 0.0 153.8

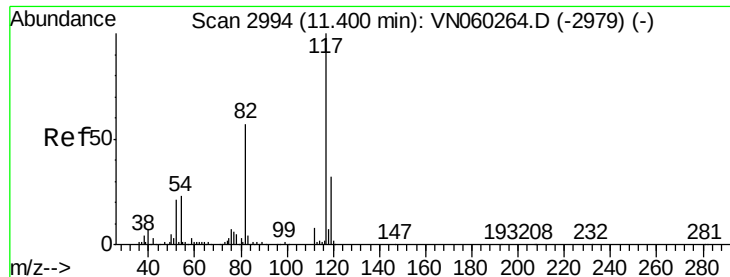


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

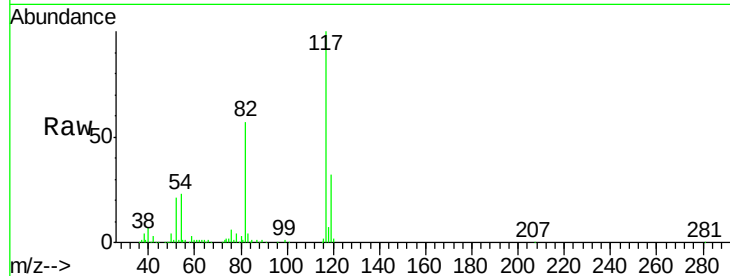




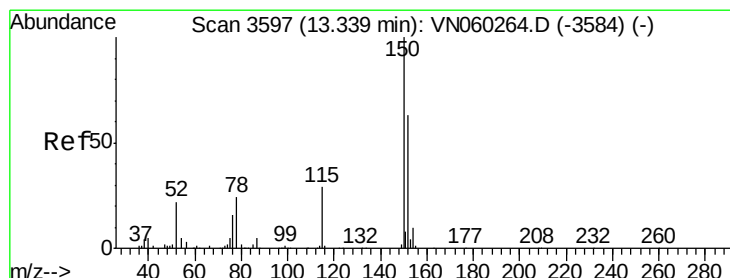
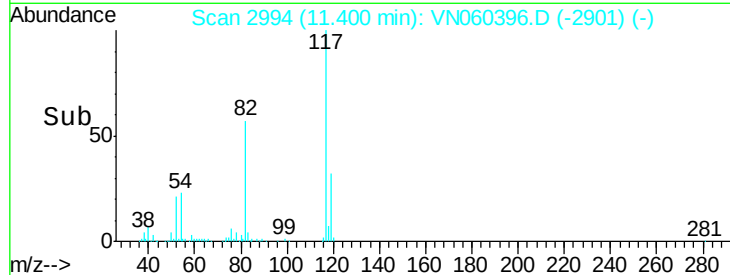
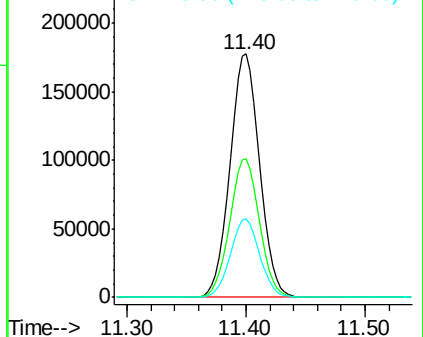
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060396.D
Acq: 9 Mar 2020 12:32

Instrument :
MSVOA_N
ClientSampleId :
PB127354ZHE#01

Tgt Ion:117 Resp: 304996
Ion Ratio Lower Upper
117 100
82 56.8 45.8 68.6
119 32.4 25.8 38.8

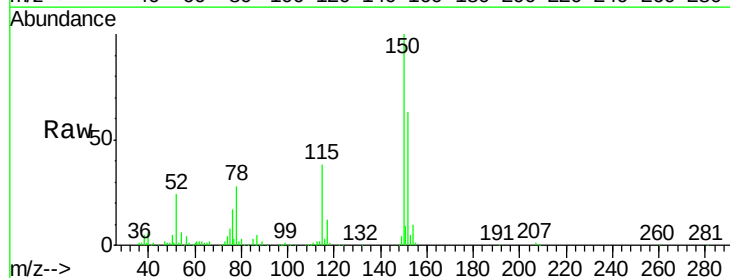


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

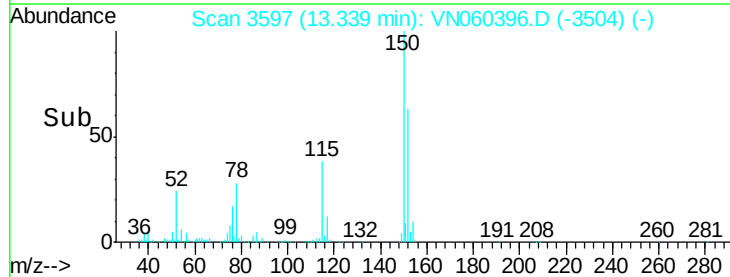
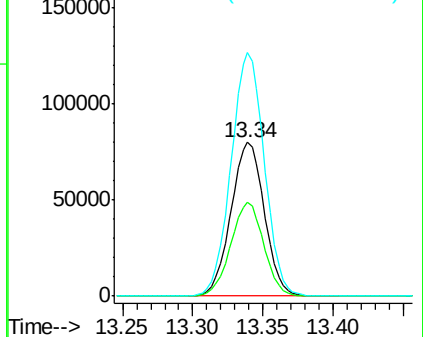


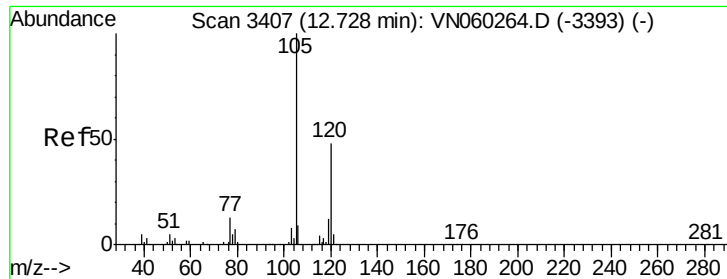
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060396.D
Acq: 9 Mar 2020 12:32

Tgt Ion:152 Resp: 132508
Ion Ratio Lower Upper
152 100
115 60.1 30.0 90.0
150 157.7 0.0 349.6



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





#80
 1,3,5-Trimethylbenzene
 Concen: 0.52 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN060396.D
 Acq: 9 Mar 2020 12:32

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127354ZHE#01

Tgt Ion:105 Resp: 4309
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.1 72.4

