

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032020\
 Data File : VN060651.D
 Acq On : 20 Mar 2020 14:40
 Operator : JC/MD
 Sample : PB127692TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127692TB

Quant Time: Mar 21 04:32:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	185457	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	307173	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	293570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	133022	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	121149	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	
35) Dibromofluoromethane	7.57	113	91613	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
50) Toluene-d8	10.08	98	382938	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.40	95	144233	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	

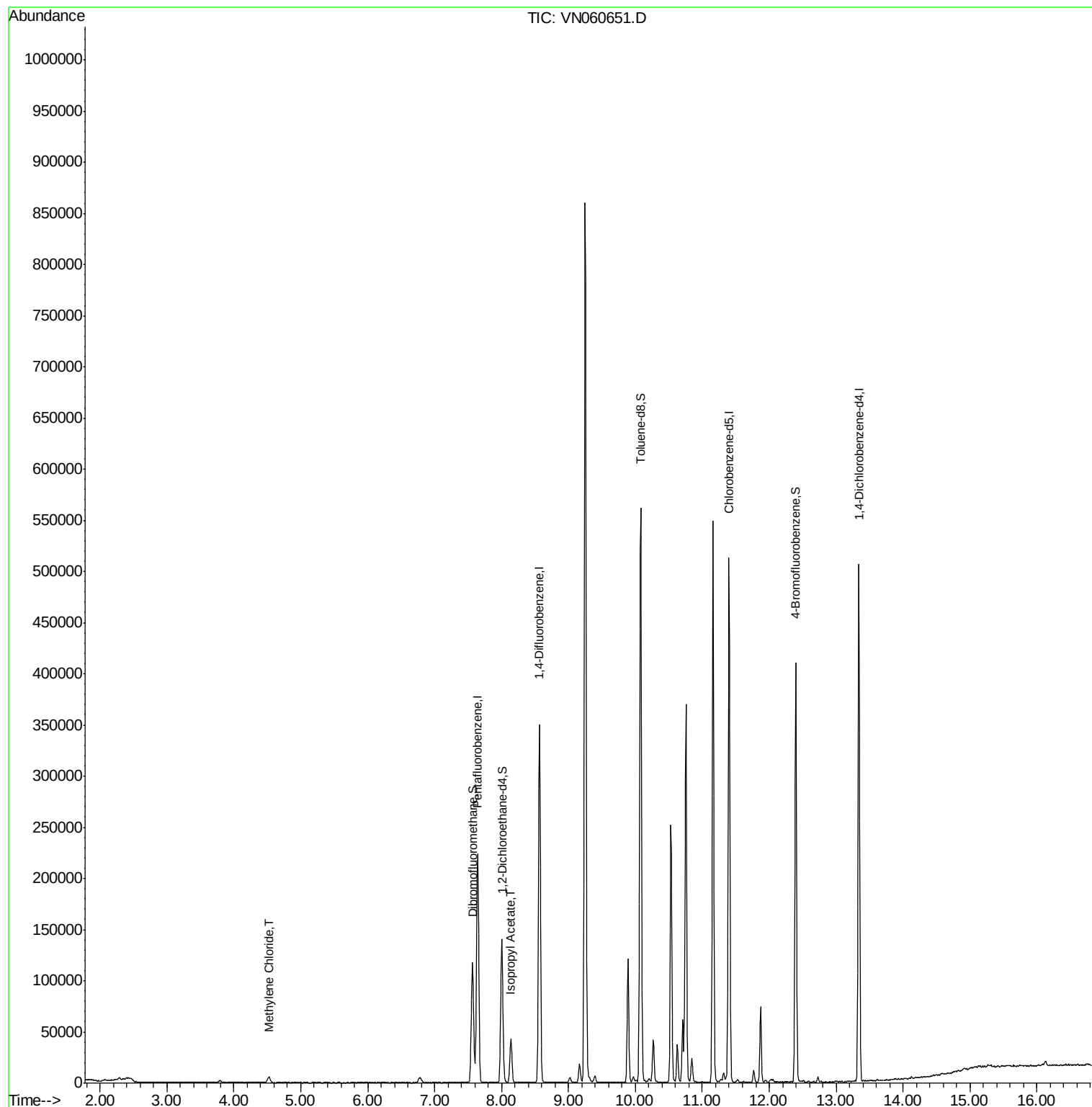
Target Compounds						Qvalue
20) Methylene Chloride	4.52	84	4360	1.97	ug/l	97
43) Isopropyl Acetate	8.14	43	50197	9.47	ug/l	# 91

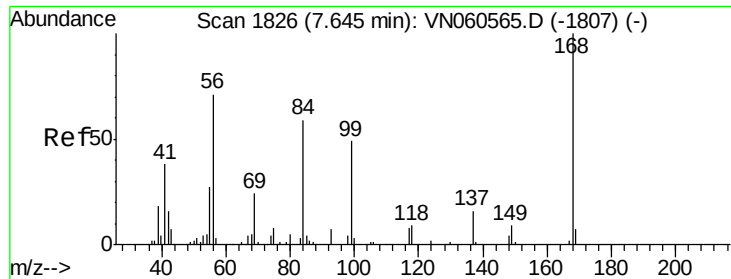
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN060651.D

Acq: 20 Mar 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

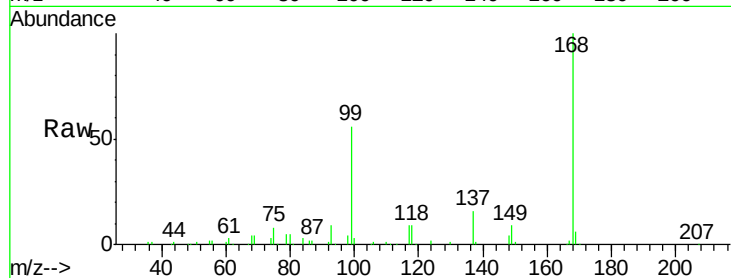
PB127692TB

Tgt Ion:168 Resp: 185457

Ion Ratio Lower Upper

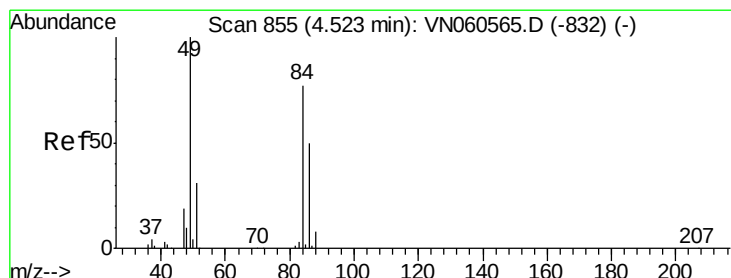
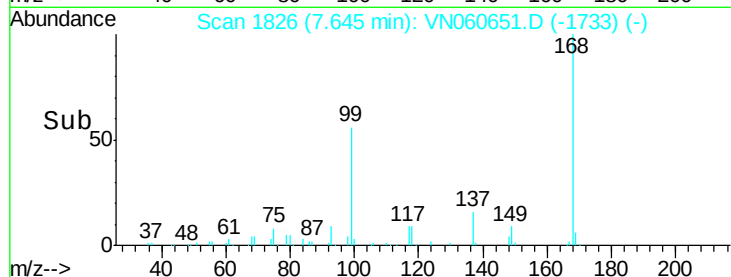
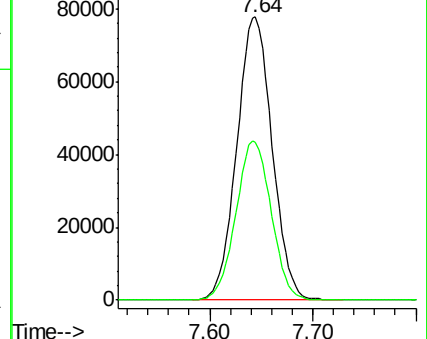
168 100

99 55.8 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 1.97 ug/l

RT: 4.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: VN060651.D

Acq: 20 Mar 2020 14:40

Tgt Ion: 84 Resp: 4360

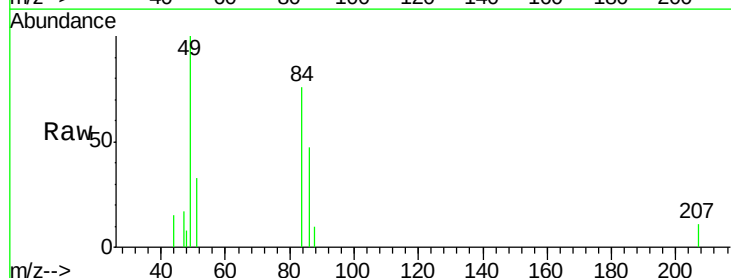
Ion Ratio Lower Upper

84 100

49 131.0 103.3 154.9

51 43.5 31.6 47.4

86 61.7 52.0 78.0

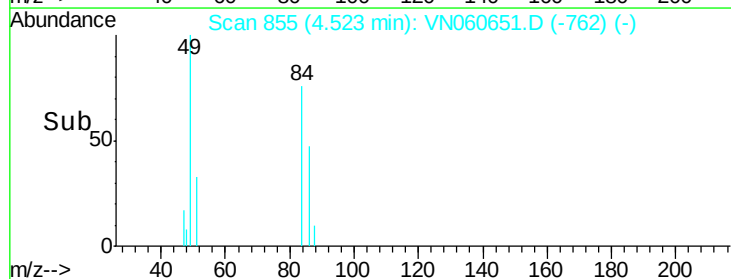
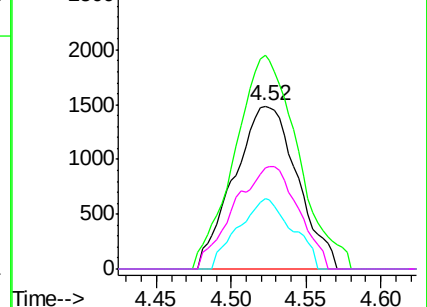


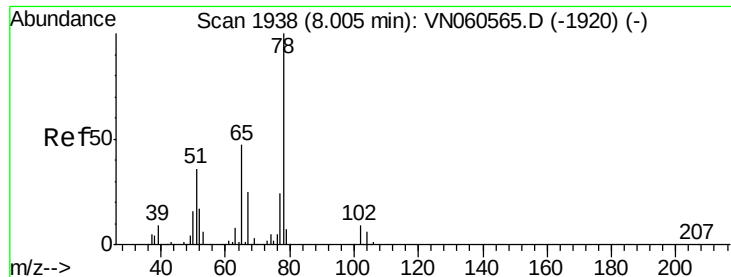
Abundance Ion 83.90 (83.60 to 84.60): VNO

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

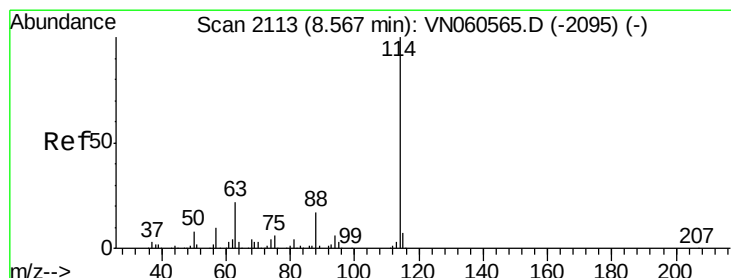
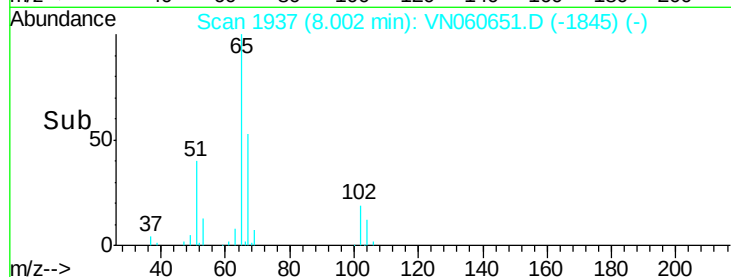
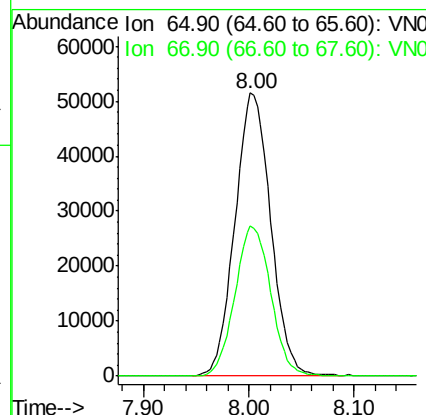
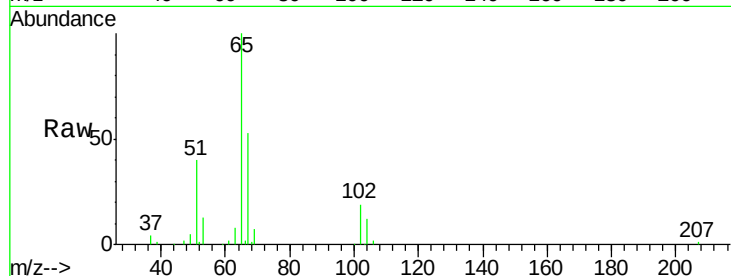




#33
 1,2-Dichloroethane-d4
 Concen: 47.59 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060651.D
 Acq: 20 Mar 2020 14:40

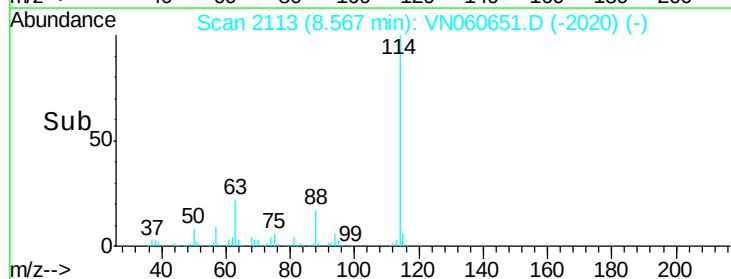
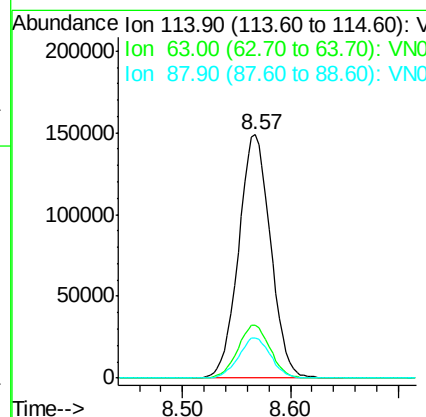
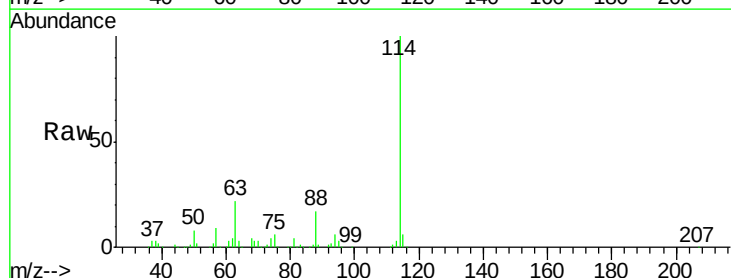
Instrument :
 MSVOA_N
 ClientSampleId :
 PB127692TB

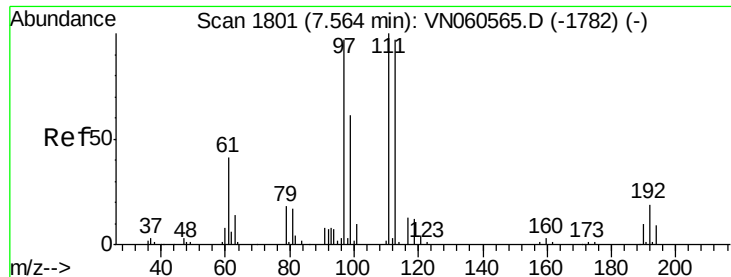
Tgt Ion: 65 Resp: 121149
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060651.D
 Acq: 20 Mar 2020 14:40

Tgt Ion: 114 Resp: 307173
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.8
 88 16.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.32 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060651.D

Acq: 20 Mar 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

PB127692TB

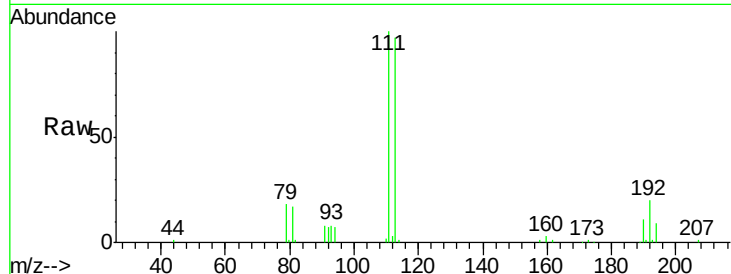
Tgt Ion:113 Resp: 91613

Ion Ratio Lower Upper

113 100

111 102.7 82.9 124.3

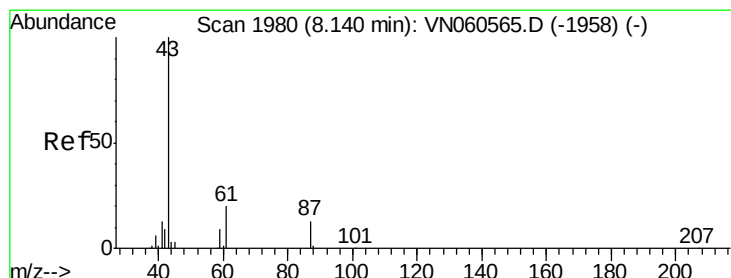
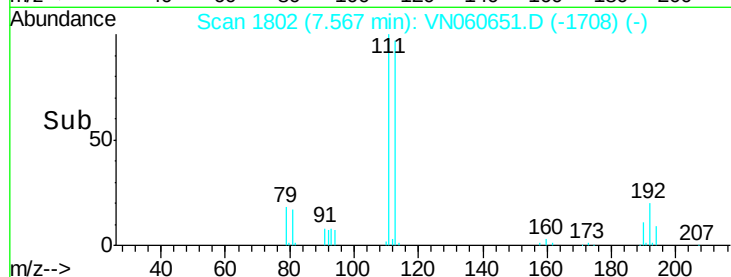
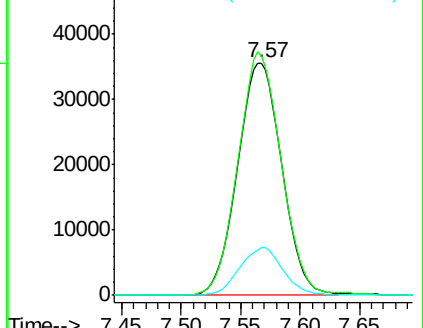
192 20.0 15.8 23.8



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: 9.47 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060651.D

Acq: 20 Mar 2020 14:40

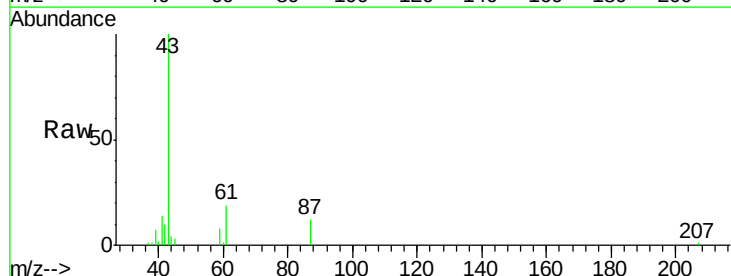
Tgt Ion: 43 Resp: 50197

Ion Ratio Lower Upper

43 100

61 19.5 20.7 31.1#

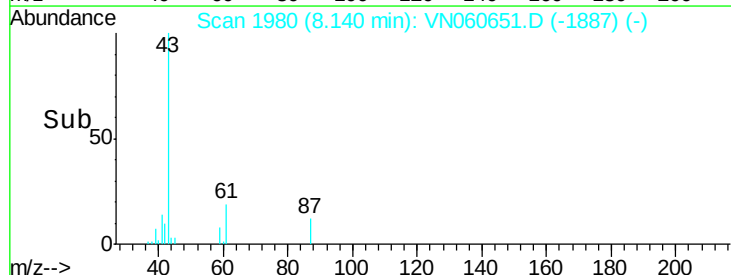
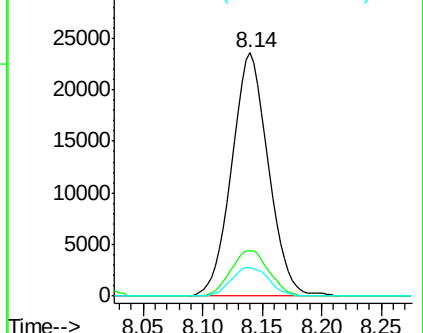
87 12.0 9.8 14.8

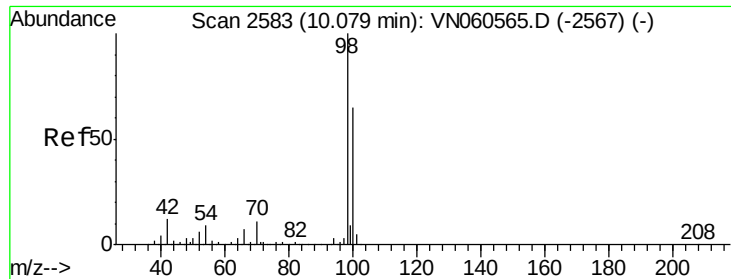


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 50.48 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060651.D

Acq: 20 Mar 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

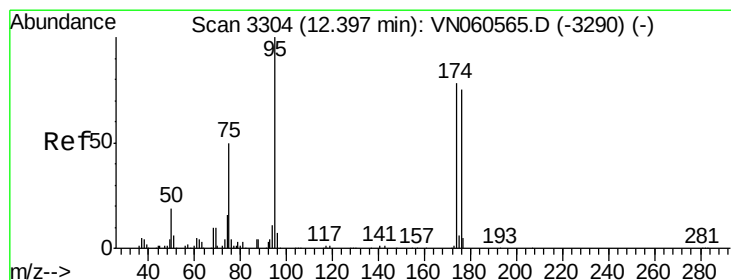
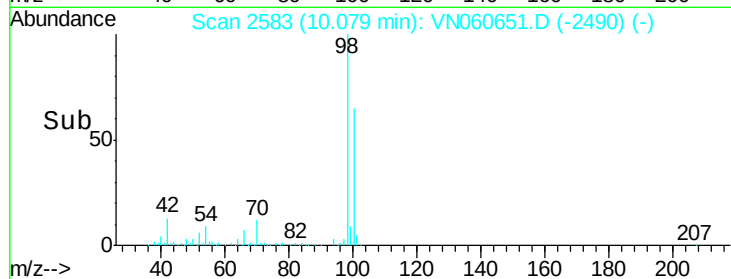
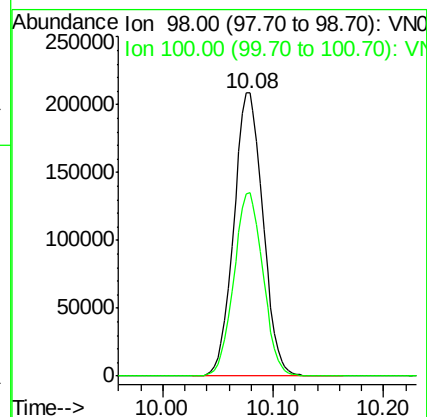
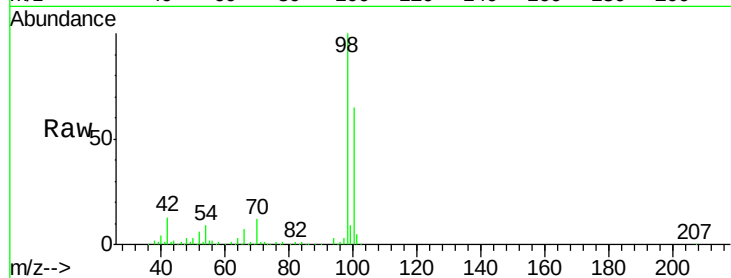
PB127692TB

Tgt Ion: 98 Resp: 382938

Ion Ratio Lower Upper

98 100

100 64.6 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 51.87 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060651.D

Acq: 20 Mar 2020 14:40

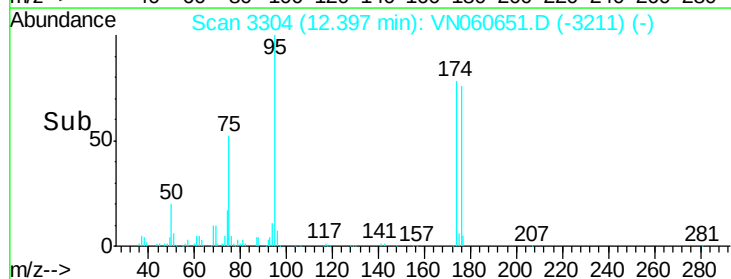
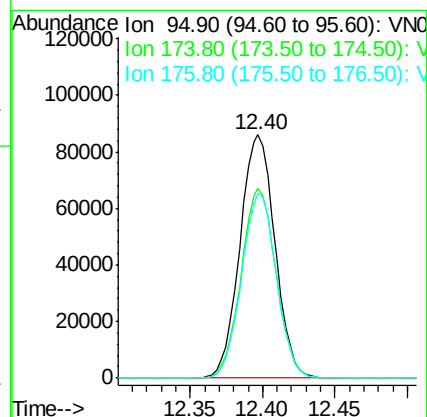
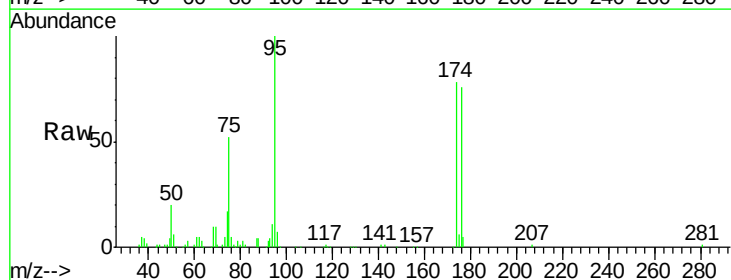
Tgt Ion: 95 Resp: 144233

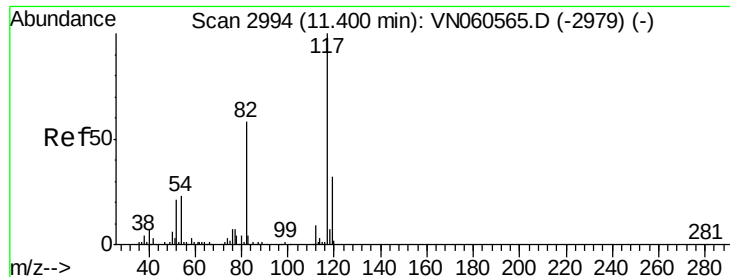
Ion Ratio Lower Upper

95 100

174 77.4 0.0 157.6

176 75.6 0.0 150.6

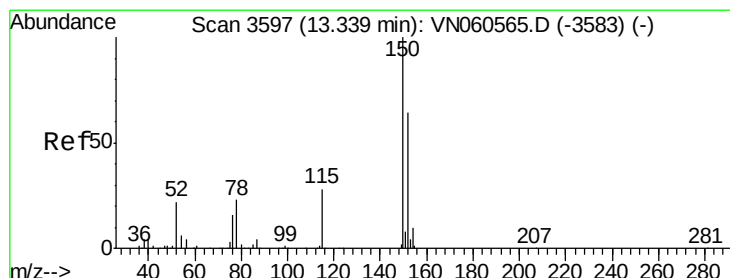
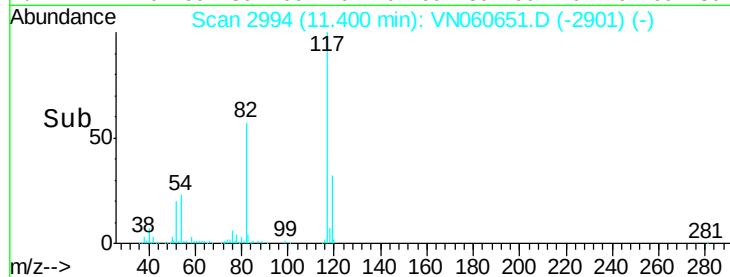
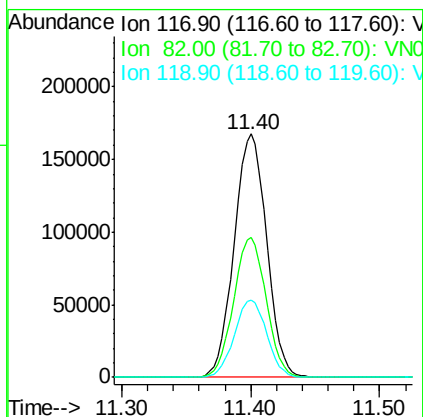
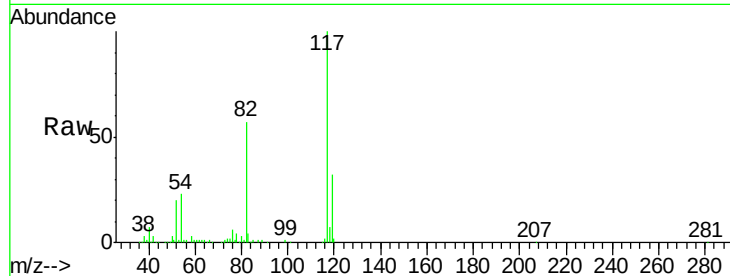




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060651.D
Acq: 20 Mar 2020 14:40

Instrument :
MSVOA_N
ClientSampled :
PB127692TB

Tgt Ion:117 Resp: 293570
Ion Ratio Lower Upper
117 100
82 57.3 46.7 70.1
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060651.D
Acq: 20 Mar 2020 14:40

Tgt Ion:152 Resp: 133022
Ion Ratio Lower Upper
152 100
115 59.8 30.2 90.6
150 156.6 0.0 350.2

