

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032020\
 Data File : VN060652.D
 Acq On : 20 Mar 2020 15:02
 Operator : JC/MD
 Sample : PB127692ZHE#09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127692ZHE#09

Quant Time: Mar 21 04:37:16 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	194433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	323158	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	303092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	139074	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	126343	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	
35) Dibromofluoromethane	7.56	113	95772	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	10.08	98	396748	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.40	95	149749	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	

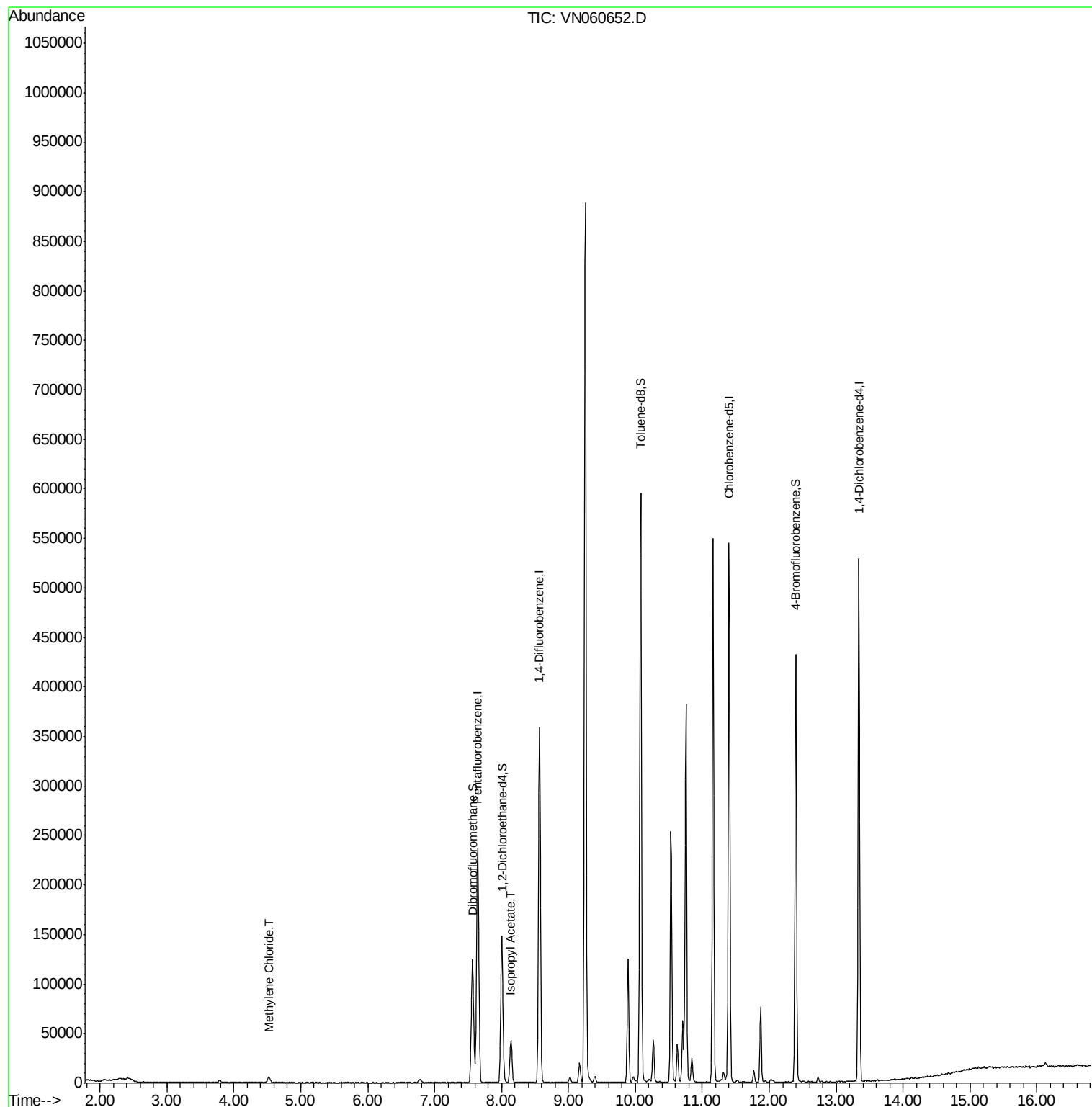
Target Compounds						Qvalue
20) Methylene Chloride	4.53	84	4223	1.82	ug/l	94
43) Isopropyl Acetate	8.14	43	52545	9.42	ug/l	# 91

(#) = 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: VN060652.D

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Instrument :

MSVOA_N

ClientSampleId :

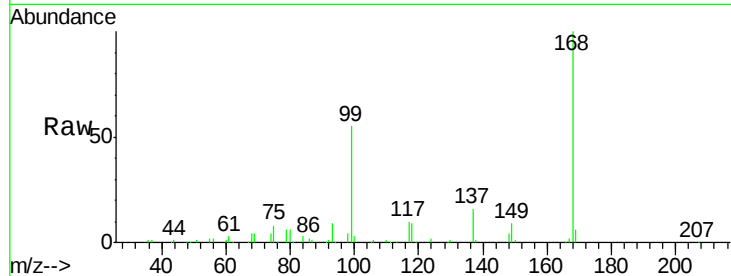
PB127692ZHE#09

Tgt Ion:168 Resp: 194433

Ion Ratio Lower Upper

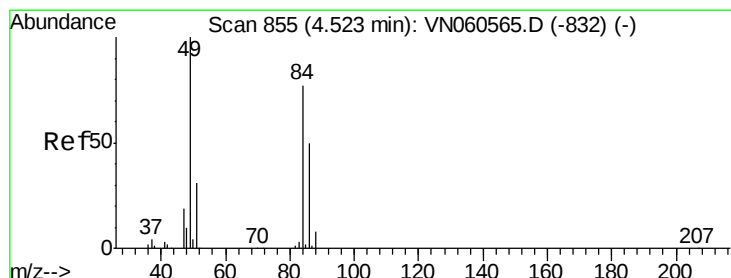
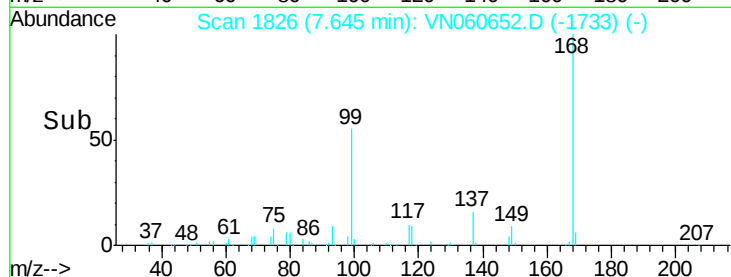
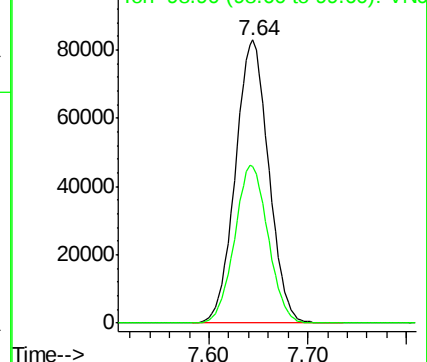
168 100

99 55.5 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: 1.82 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN060652.D

Acq: 20 Mar 2020 15:02

Tgt Ion: 84 Resp: 4223

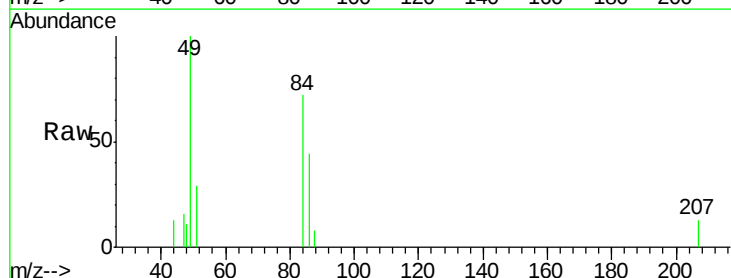
Ion Ratio Lower Upper

84 100

49 139.6 103.3 154.9

51 39.9 31.6 47.4

86 61.8 52.0 78.0

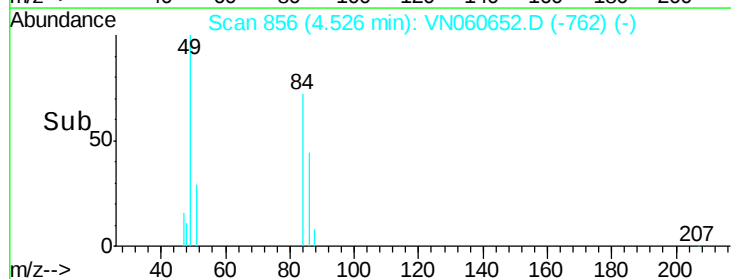
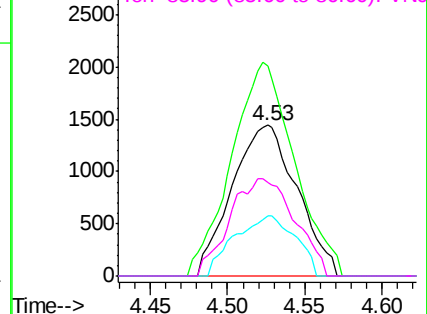


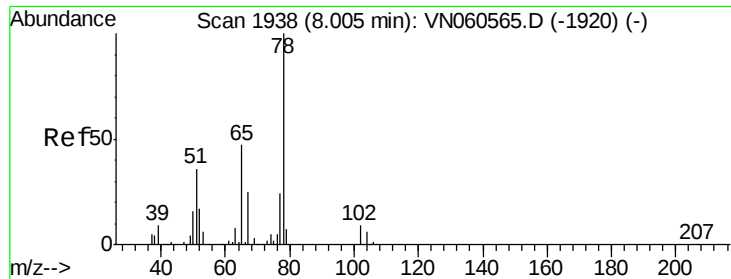
Abundance Ion 83.90 (83.60 to 84.60): VNO

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: 47.34 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN060652.D

Acq: 20 Mar 2020 15:02

Instrument :

MSVOA_N

ClientSampleId :

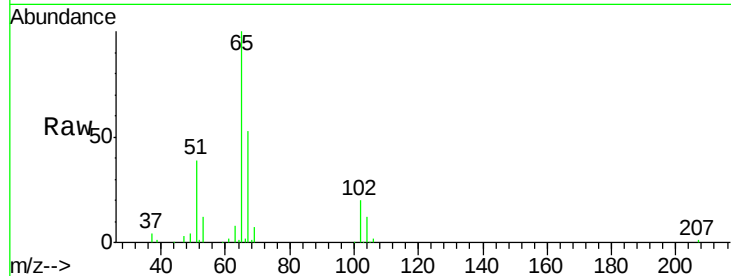
PB127692ZHE#09

Tgt Ion: 65 Resp: 126343

Ion Ratio Lower Upper

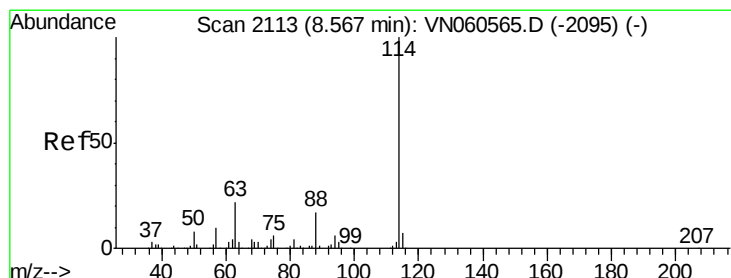
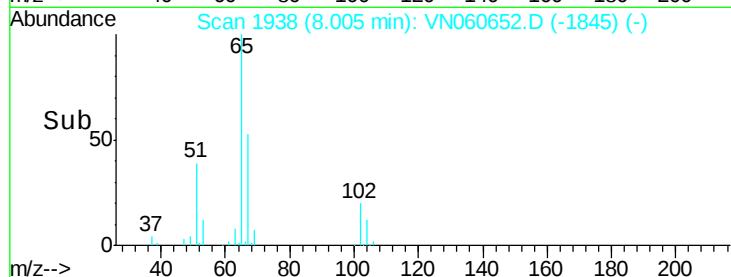
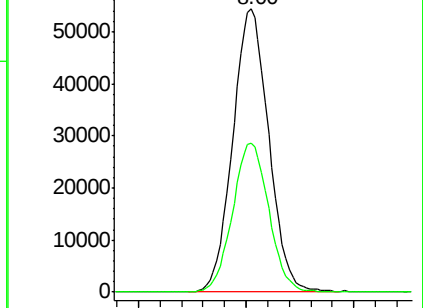
65 100

67 53.0 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN060652.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN060652.D (-1845) (-)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN060652.D

Acq: 20 Mar 2020 15:02

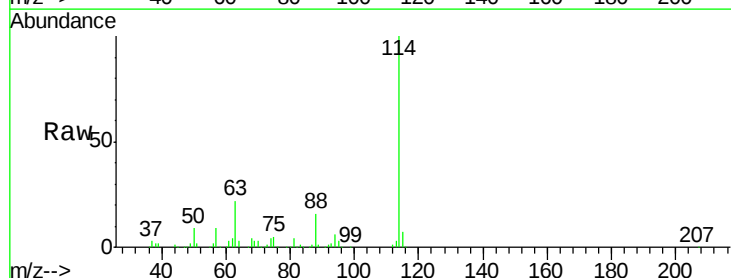
Tgt Ion: 114 Resp: 323158

Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.8

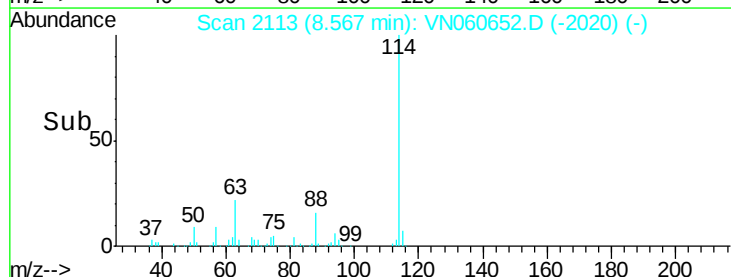
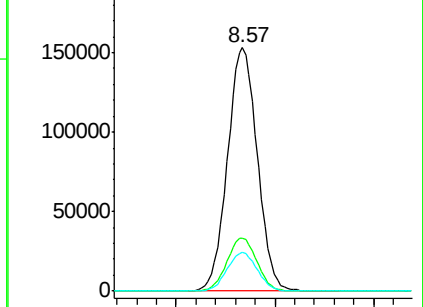
88 15.8 0.0 33.0

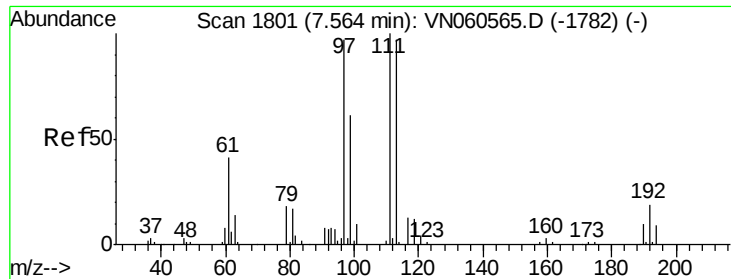


Abundance Ion 113.90 (113.60 to 114.60): VN060652.D (-2020) (-)

Ion 63.00 (62.70 to 63.70): VN060652.D (-2020) (-)

Ion 87.90 (87.60 to 88.60): VN060652.D (-2020) (-)





#35

Dibromofluoromethane

Concen: 49.01 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN060652.D

Acq: 20 Mar 2020 15:02

Instrument :
MSVOA_N
ClientSampleId :
PB127692ZHE#09

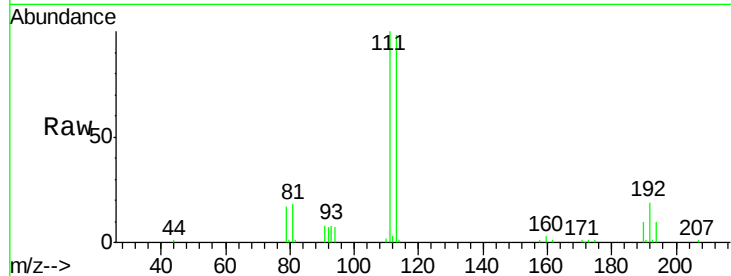
Tgt Ion:113 Resp: 95772

Ion Ratio Lower Upper

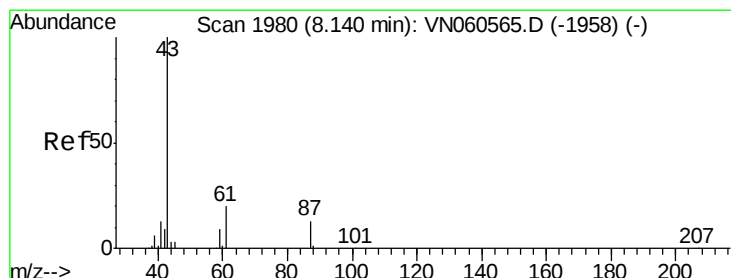
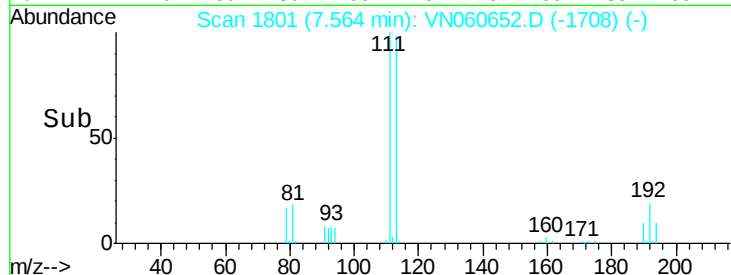
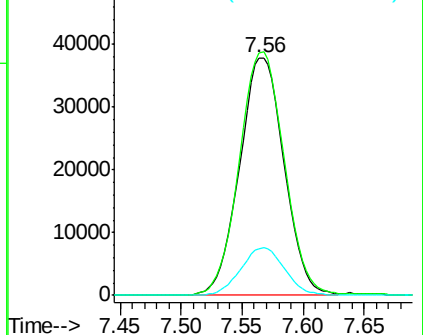
113 100

111 103.1 82.9 124.3

192 19.8 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: 9.42 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060652.D

Acq: 20 Mar 2020 15:02

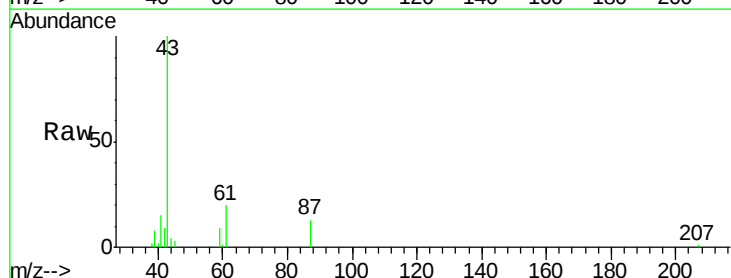
Tgt Ion: 43 Resp: 52545

Ion Ratio Lower Upper

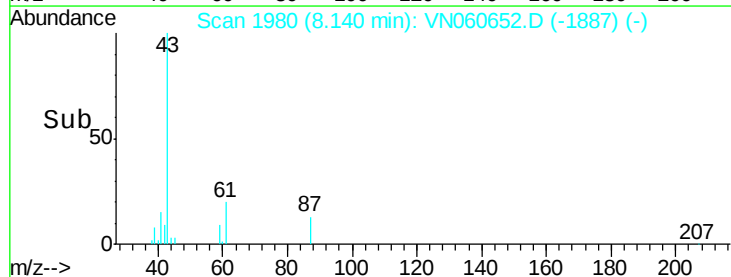
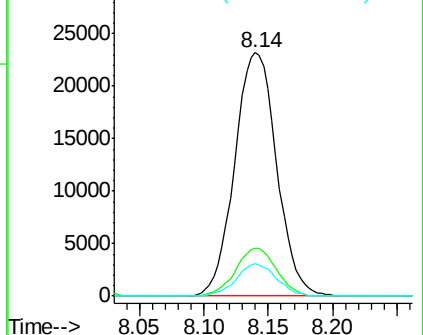
43 100

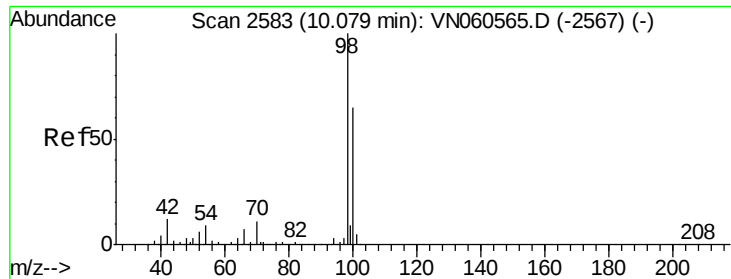
61 19.1 20.7 31.1#

87 12.7 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: 49.71 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060652.D

Acq: 20 Mar 2020 15:02

Instrument :

MSVOA_N

ClientSampleId :

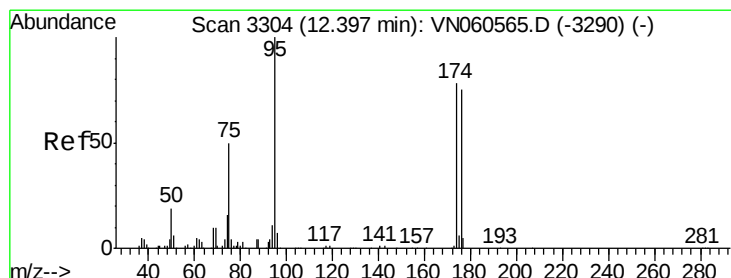
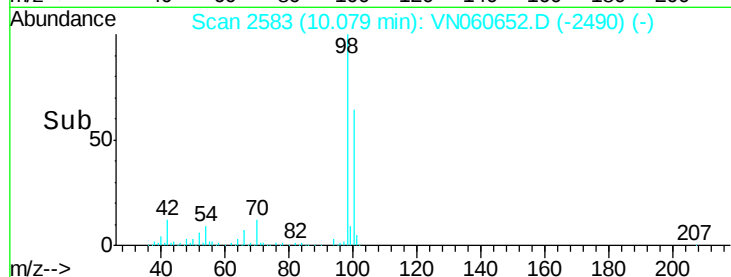
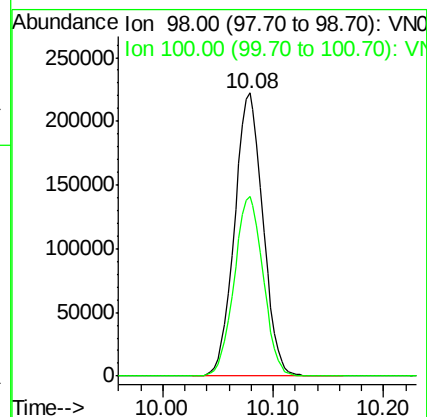
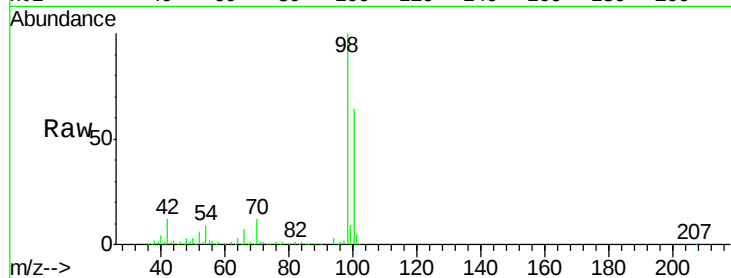
PB127692ZHE#09

Tgt Ion: 98 Resp: 396748

Ion Ratio Lower Upper

98 100

100 64.7 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 51.19 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060652.D

Acq: 20 Mar 2020 15:02

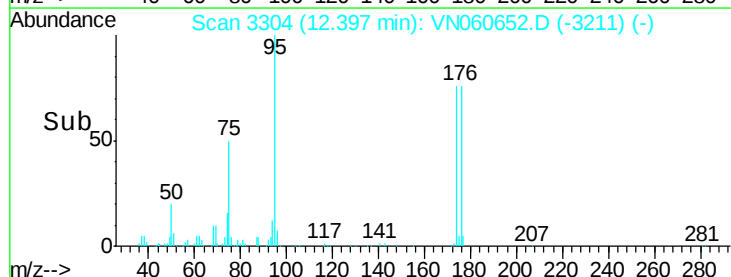
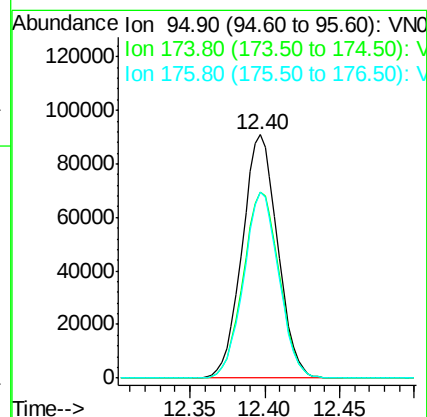
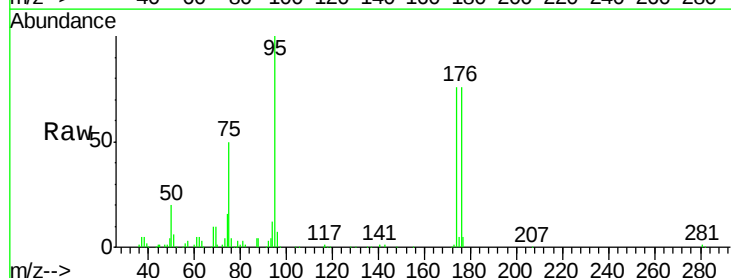
Tgt Ion: 95 Resp: 149749

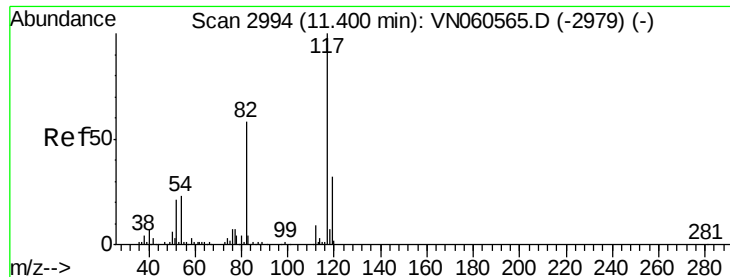
Ion Ratio Lower Upper

95 100

174 77.6 0.0 157.6

176 75.9 0.0 150.6

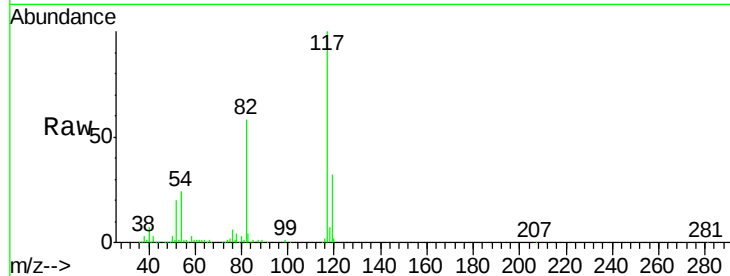




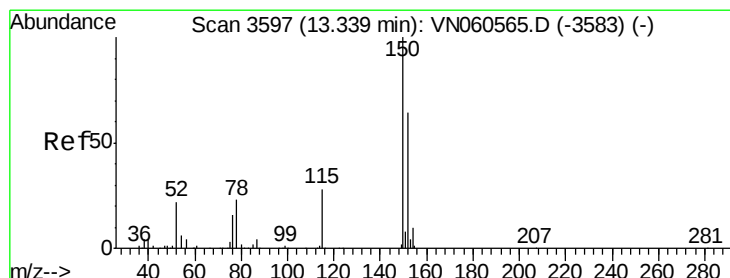
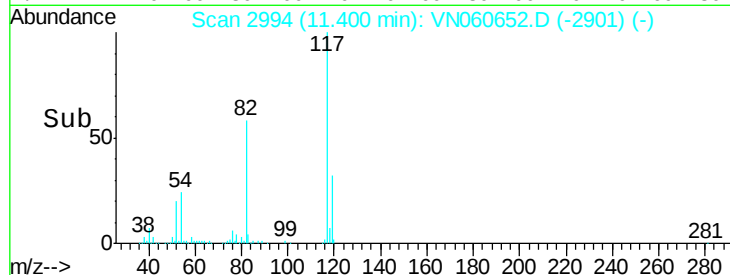
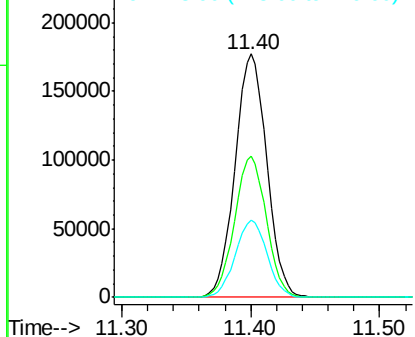
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060652.D
Acq: 20 Mar 2020 15:02

Instrument :
MSVOA_N
ClientSampleId :
PB127692ZHE#09

Tgt Ion:117 Resp: 303092
Ion Ratio Lower Upper
117 100
82 58.0 46.7 70.1
119 32.0 25.5 38.3

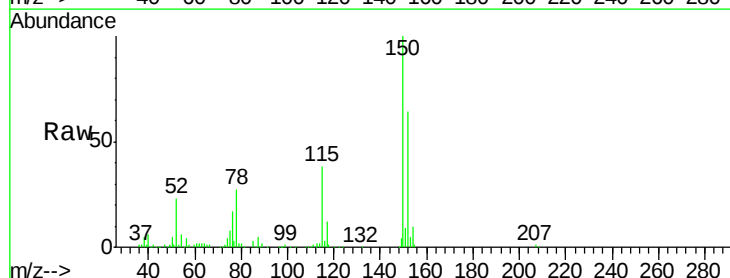


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060652.D
Acq: 20 Mar 2020 15:02

Tgt Ion:152 Resp: 139074
Ion Ratio Lower Upper
152 100
115 59.1 30.2 90.6
150 156.4 0.0 350.2



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

