

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032020\
 Data File : VN060650.D
 Acq On : 20 Mar 2020 14:17
 Operator : JC/MD
 Sample : PB127693TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127693TB

Quant Time: Mar 21 00:03:28 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	165296	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	270466	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	241077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	103486	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	103188	45.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.94%	
35) Dibromofluoromethane	7.56	113	79131	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
50) Toluene-d8	10.08	98	326871	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
62) 4-Bromofluorobenzene	12.40	95	114062	46.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.18%	

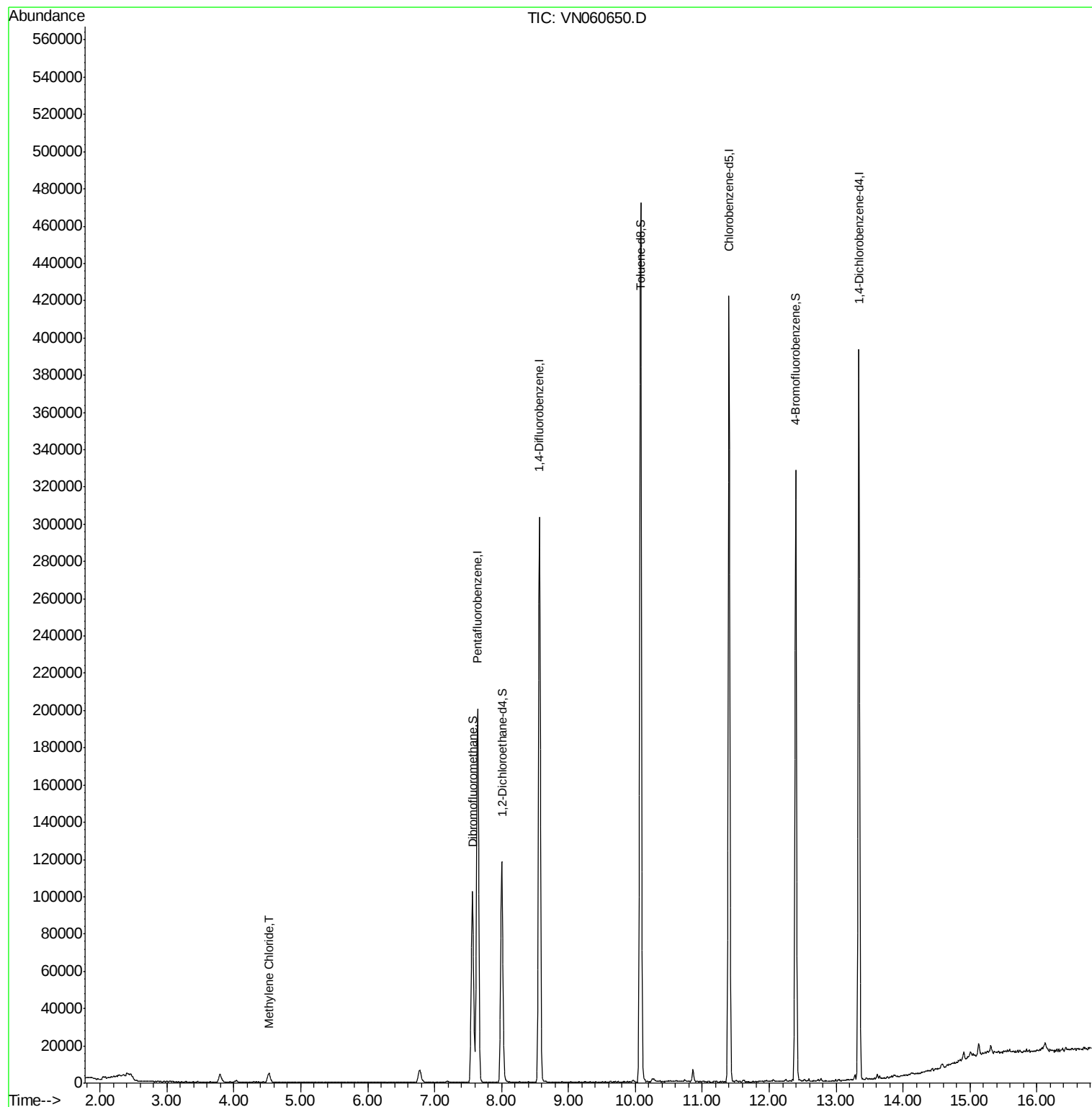
Target Compounds						Qvalue
20) Methylene Chloride	4.53	84	3805	1.92	ug/l	97

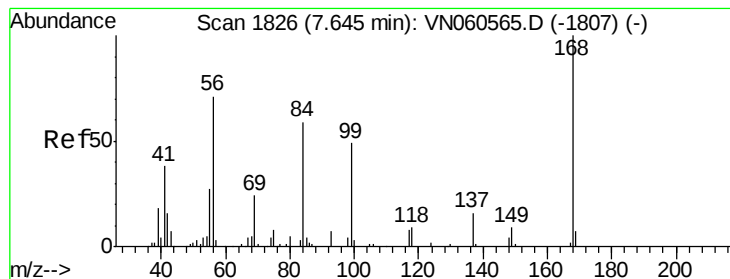
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN060650.D

Acq: 20 Mar 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

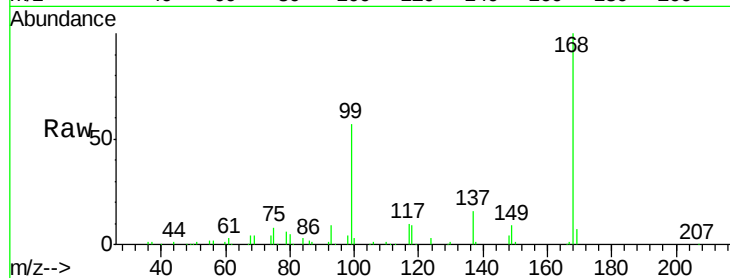
PB127693TB

Tgt Ion:168 Resp: 165296

Ion Ratio Lower Upper

168 100

99 57.0 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

60000

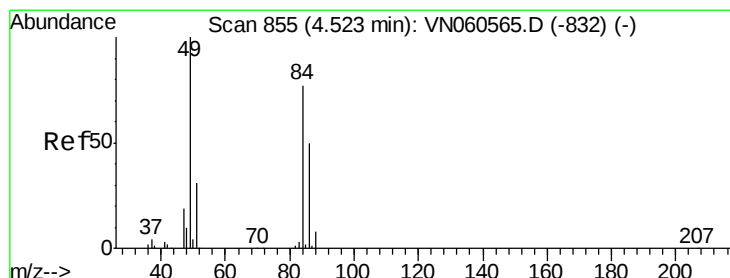
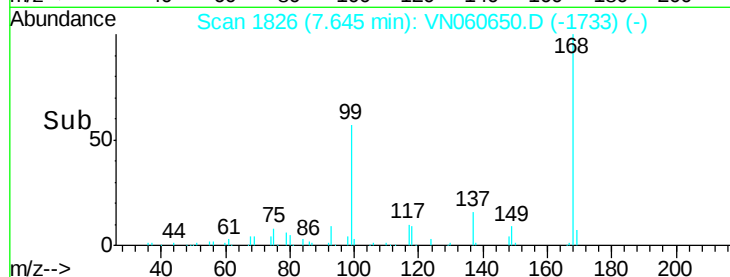
40000

20000

0

7.60 7.70

Time-->



#20

Methylene Chloride

Concen: 1.92 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN060650.D

Acq: 20 Mar 2020 14:17

Tgt Ion: 84 Resp: 3805

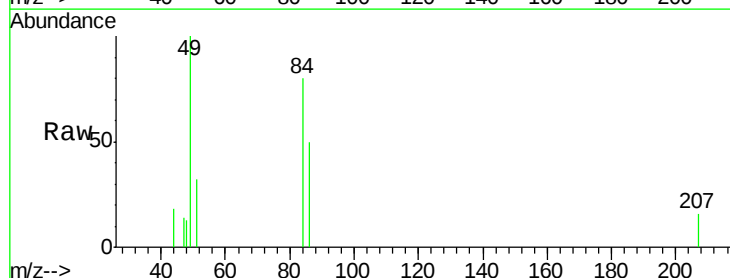
Ion Ratio Lower Upper

84 100

49 124.5 103.3 154.9

51 39.4 31.6 47.4

86 62.6 52.0 78.0



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

2500

2000

1500

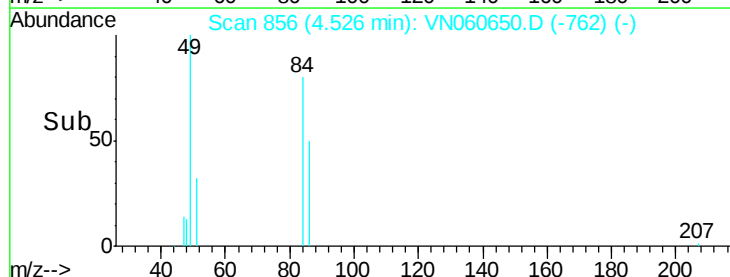
1000

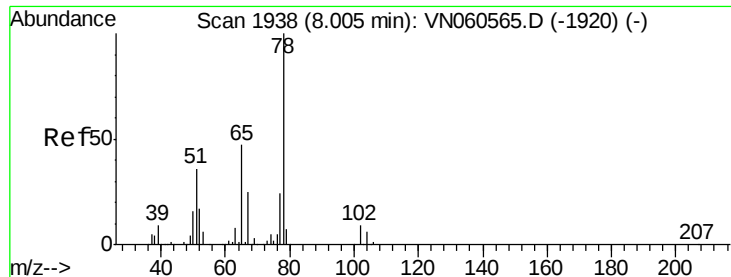
500

0

4.45 4.50 4.55 4.60

Time-->

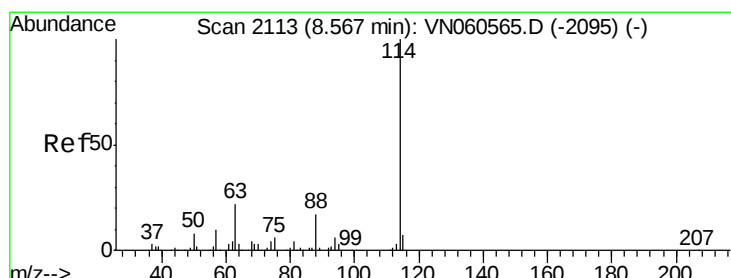
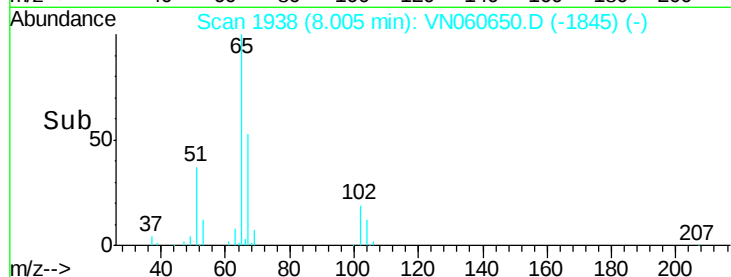
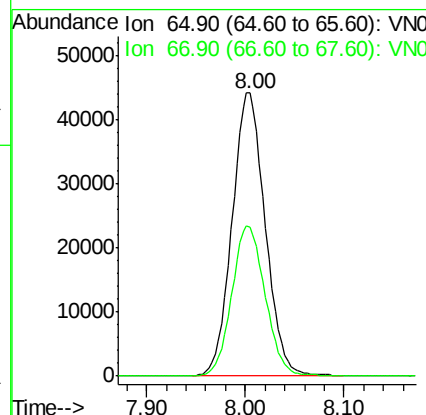
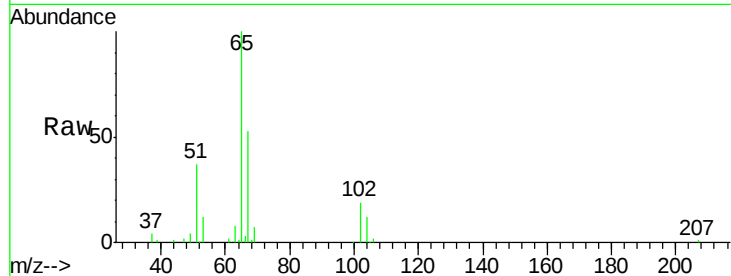




#33
 1,2-Dichloroethane-d4
 Concen: 45.47 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060650.D
 Acq: 20 Mar 2020 14:17

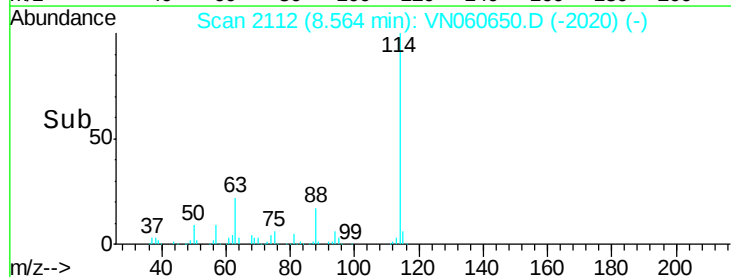
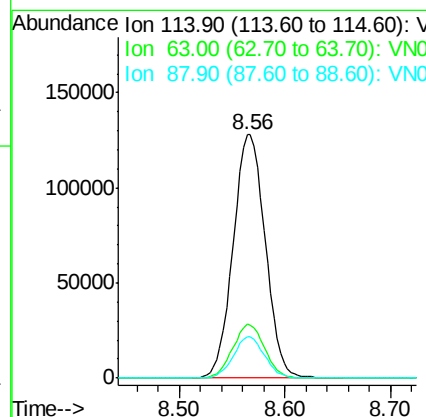
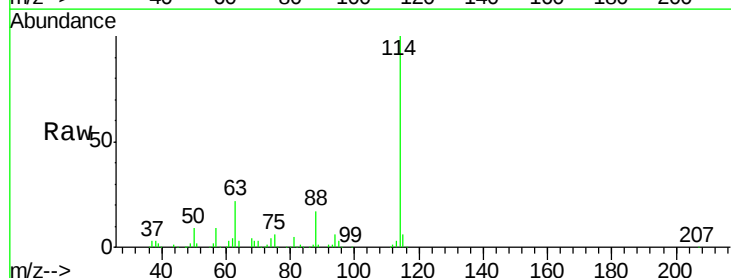
Instrument :
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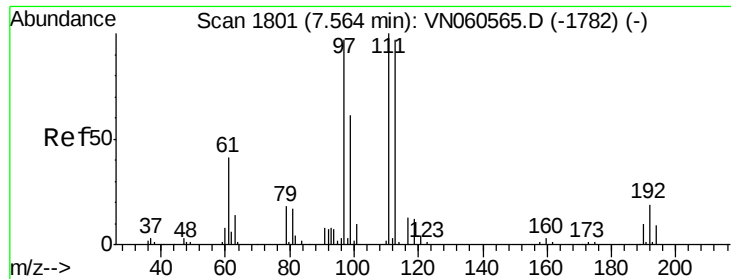
Tgt Ion: 65 Resp: 103188
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060650.D
 Acq: 20 Mar 2020 14:17

Tgt Ion: 114 Resp: 270466
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.8
 88 17.0 0.0 33.0

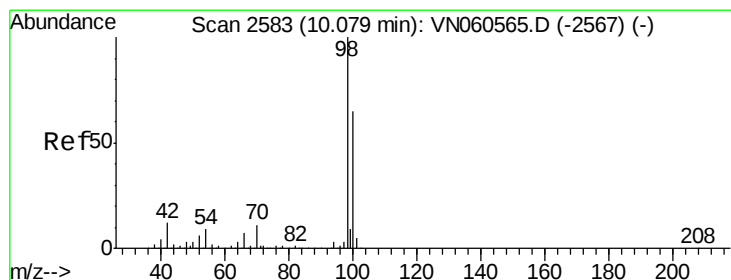
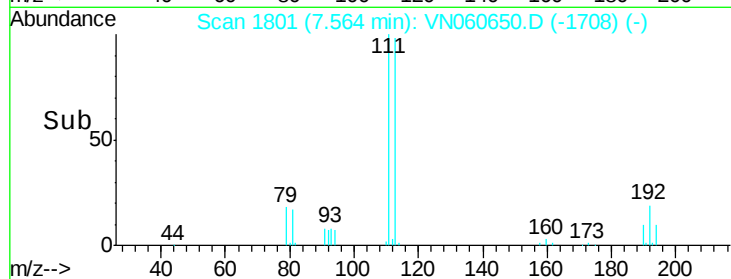
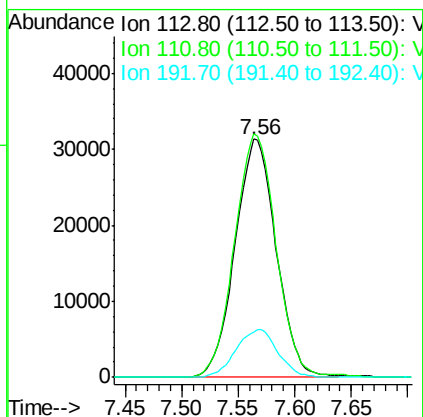
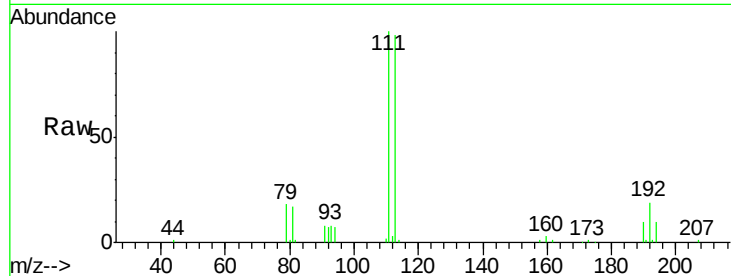




#35
 Dibromofluoromethane
 Concen: 48.39 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN060650.D
 Acq: 20 Mar 2020 14:17

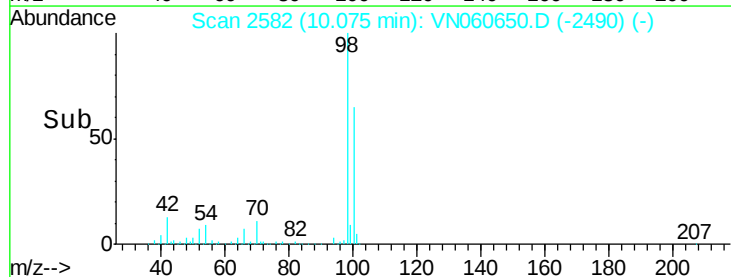
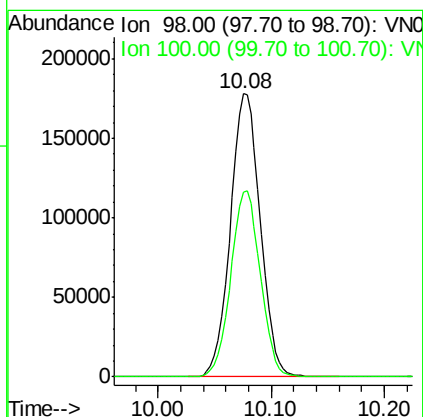
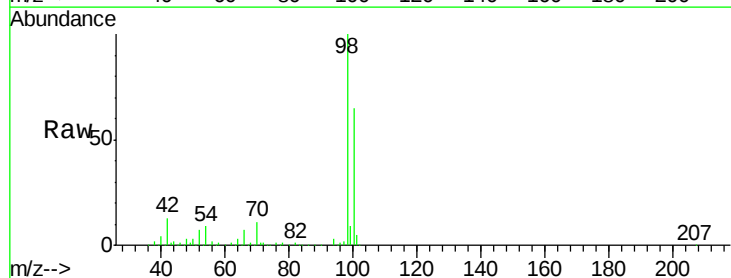
Instrument :
 MSVOA_N
 ClientSampleId :
 PB127693TB

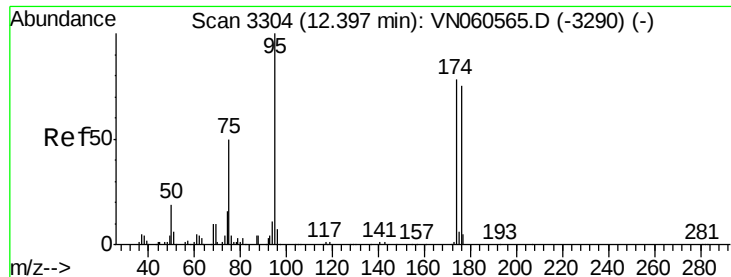
Tgt Ion:113 Resp: 79131
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.9 124.3
 192 20.2 15.8 23.8



#50
 Toluene-d8
 Concen: 48.93 ug/l
 RT: 10.08 min Scan# 2582
 Delta R.T. -0.00 min
 Lab File: VN060650.D
 Acq: 20 Mar 2020 14:17

Tgt Ion: 98 Resp: 326871
 Ion Ratio Lower Upper
 98 100
 100 64.9 51.8 77.8





#62

4-Bromofluorobenzene

Concen: 46.59 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060650.D

Acq: 20 Mar 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

PB127693TB

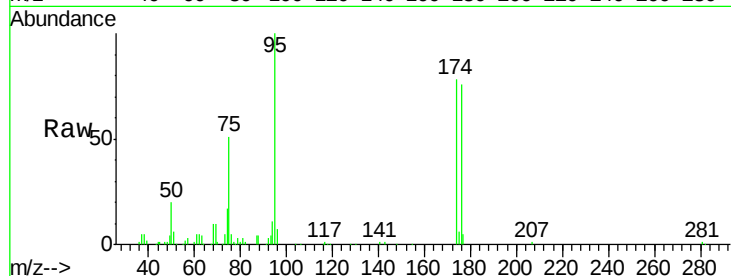
Tgt Ion: 95 Resp: 114062

Ion Ratio Lower Upper

95 100

174 79.0 0.0 157.6

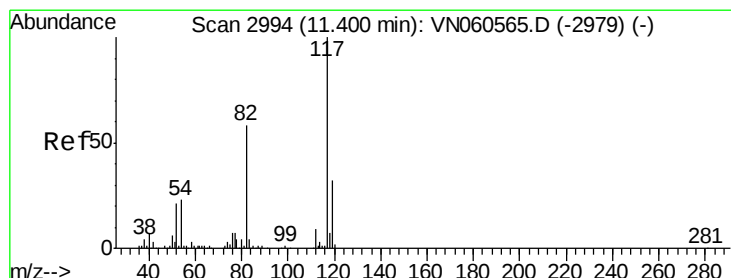
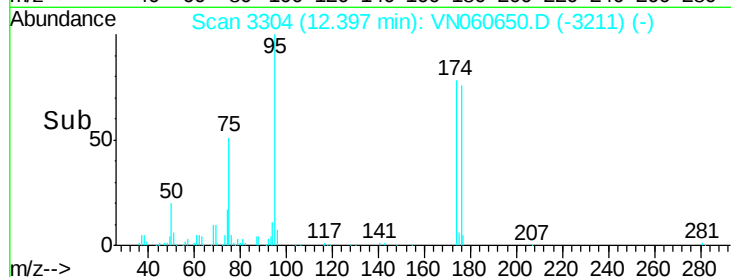
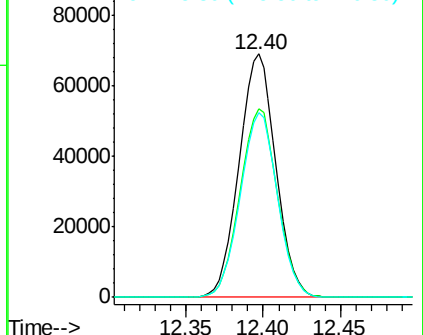
176 76.7 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060650.D

Acq: 20 Mar 2020 14:17

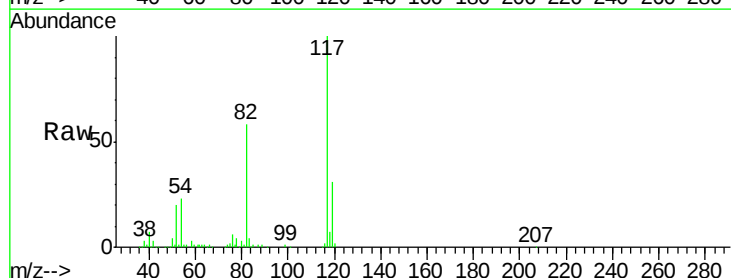
Tgt Ion: 117 Resp: 241077

Ion Ratio Lower Upper

117 100

82 57.8 46.7 70.1

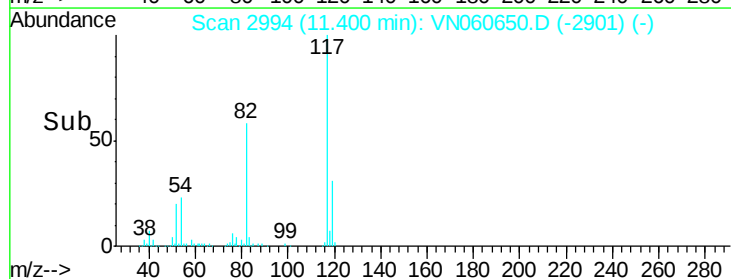
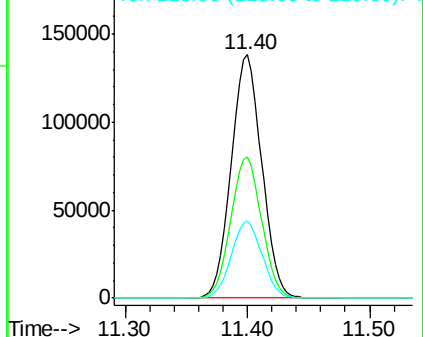
119 31.5 25.5 38.3

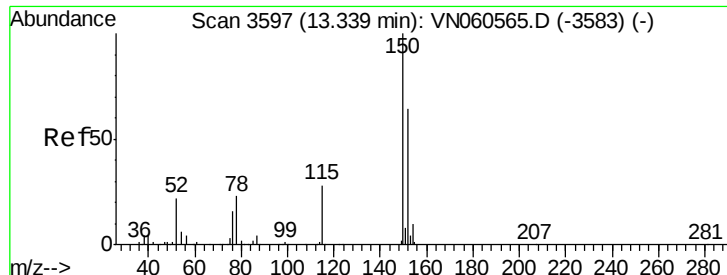


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060650.D

Acq: 20 Mar 2020 14:17

Instrument :

MSVOA_N

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PB127693TB

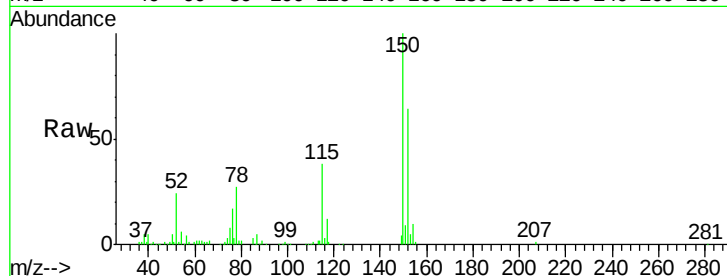
Tgt Ion:152 Resp: 103486

Ion Ratio Lower Upper

152 100

115 60.3 30.2 90.6

150 157.5 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

