

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021820\
 Data File : VN060137.D
 Acq On : 18 Feb 2020 15:09
 Operator : JC/MD
 Sample : L1484-03
 Misc : 5.10g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-3

Quant Time: Feb 18 16:32:48 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	7.63	168	150603	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	235601	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	212990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	94603	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	87870	47.95	ug/l	0.00
Spiked Amount			Recovery	=	95.90%	
35) Dibromofluoromethane	7.56	113	69522	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	
50) Toluene-d8	10.08	98	284239	49.84	ug/l	0.00
Spiked Amount			Recovery	=	99.68%	
62) 4-Bromofluorobenzene	12.40	95	97188	46.38	ug/l	0.00
Spiked Amount			Recovery	=	92.76%	

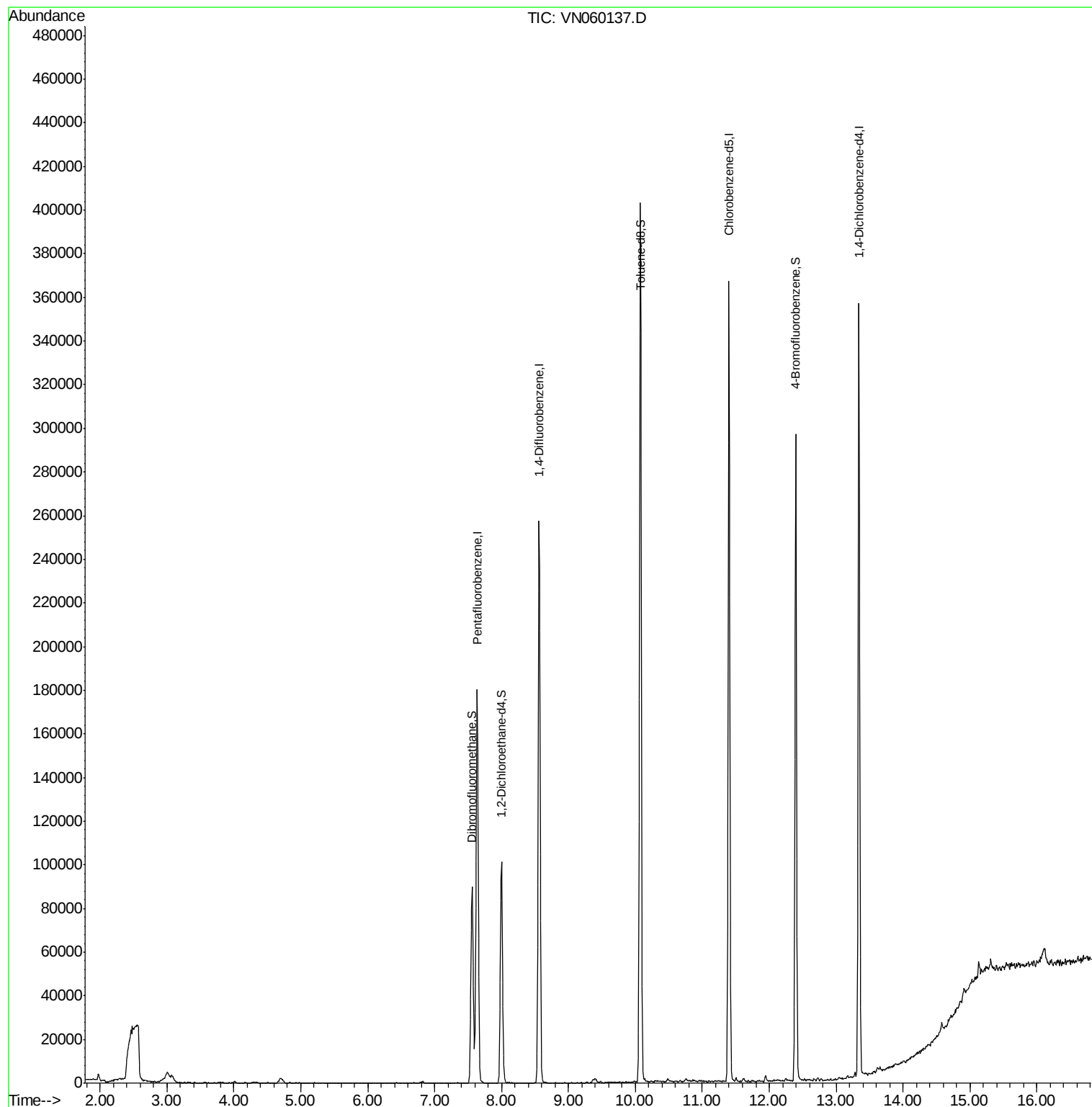
Target Compounds	Qvalue

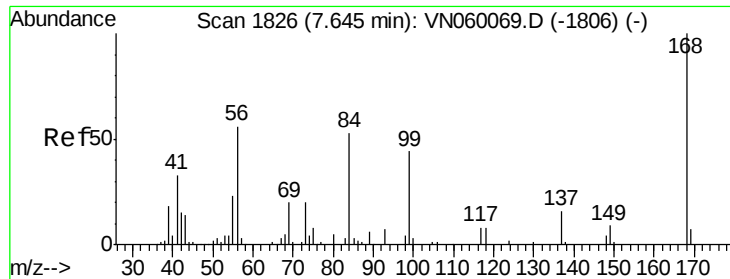
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.63 min Scan# 1823

Delta R.T. -0.01 min

Lab File: VN060137.D

Acq: 18 Feb 2020 15:09

Instrument :

MSVOA_N

ClientSampled :

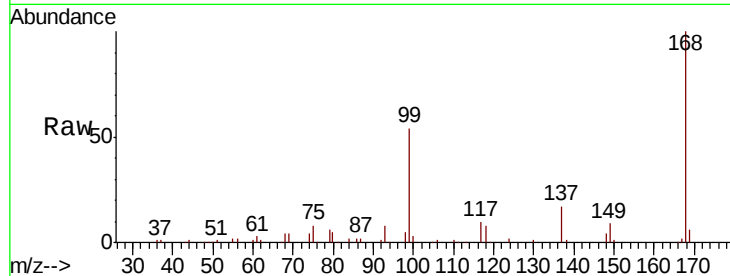
SP-3

Tot Ion:168 Resp: 150603

Ion Ratio Lower Upper

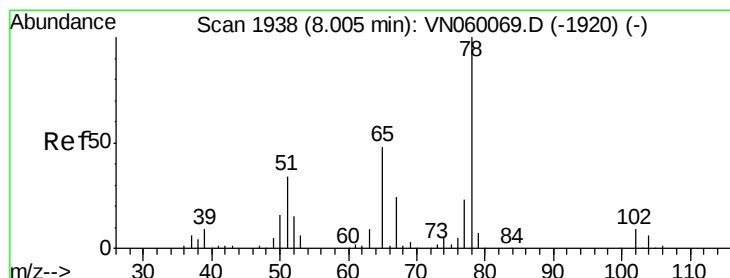
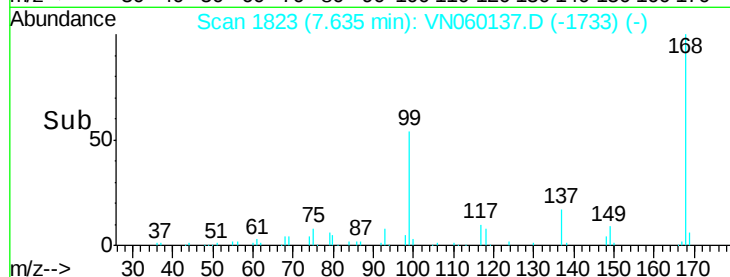
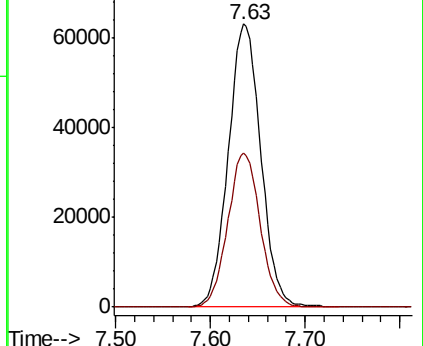
168 100

99 54.5 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 47.949 ug/l

RT: 8.00 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VN060137.D

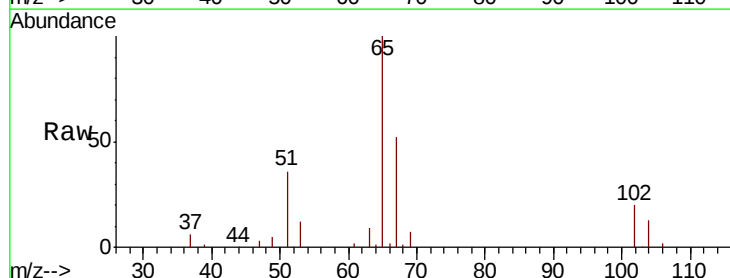
Acq: 18 Feb 2020 15:09

Tgt Ion: 65 Resp: 87870

Ion Ratio Lower Upper

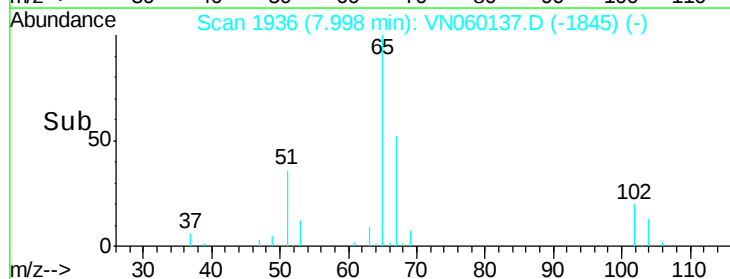
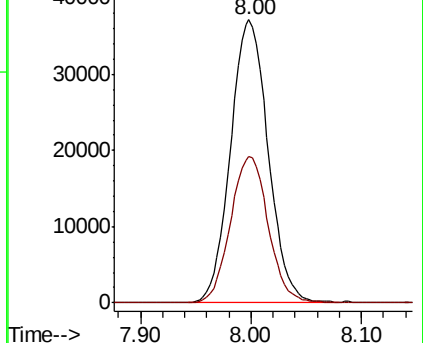
65 100

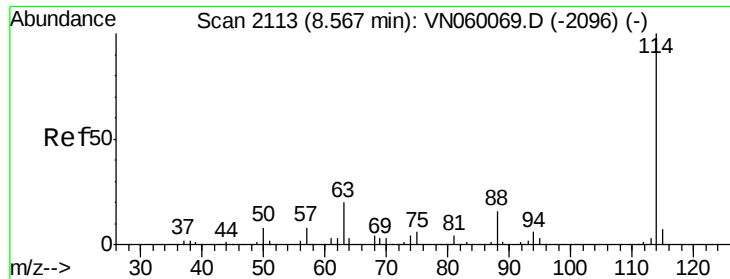
67 51.7 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

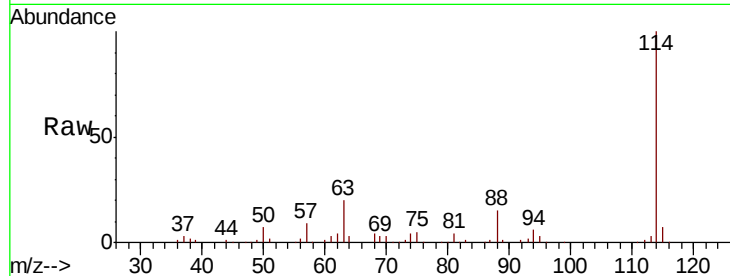




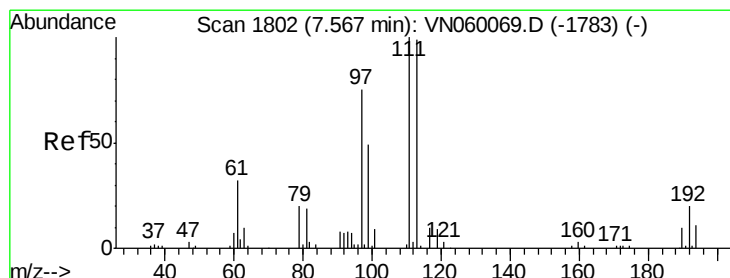
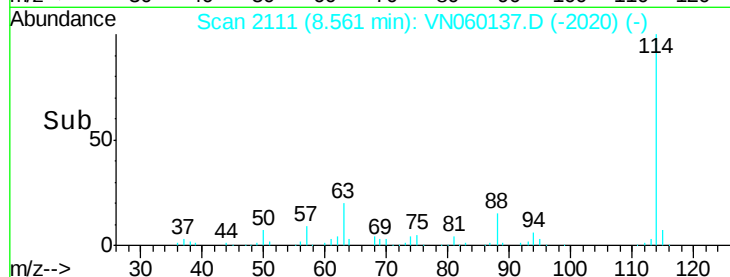
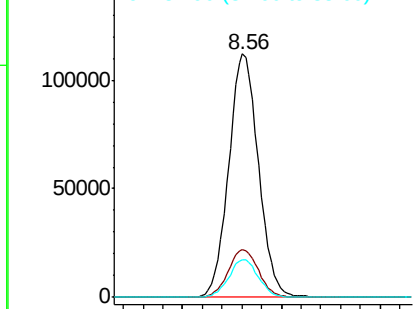
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2111
 Delta R.T. -0.01 min
 Lab File: VN060137.D
 Acq: 18 Feb 2020 15:09

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-3

Tot Ion:	114	Resp:	235601
Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	40.0
88	15.4	0.0	31.6

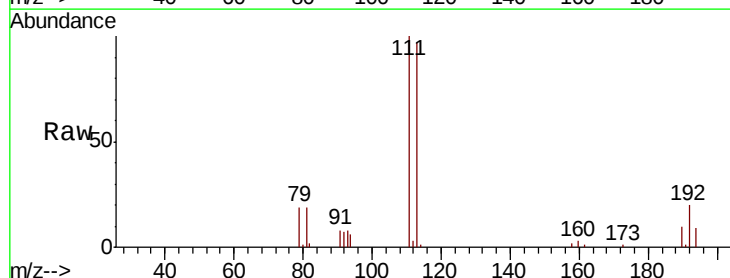


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

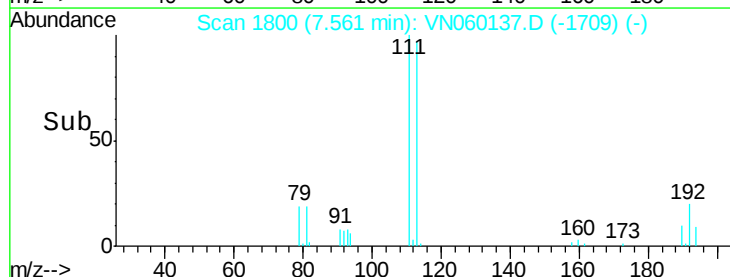
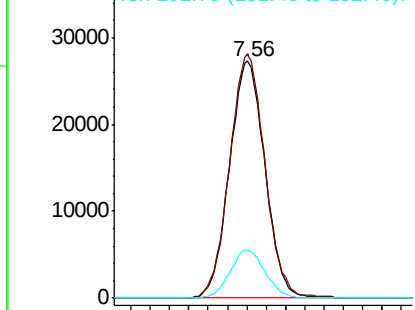


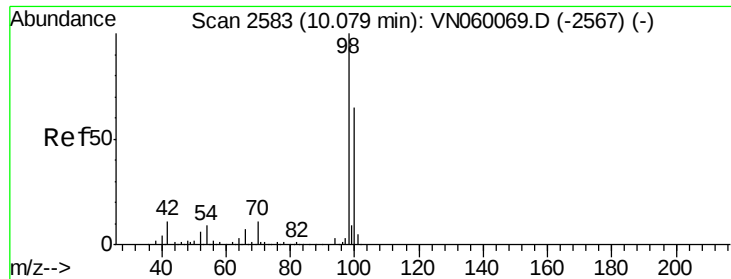
#35
 Dibromofluoromethane
 Concen: 48.004 ug/l
 RT: 7.56 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: VN060137.D
 Acq: 18 Feb 2020 15:09

Tgt Ion:	113	Resp:	69522
Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.4	122.2
192	20.0	16.2	24.2



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





#50

Toluene-d8

Concen: 49.839 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060137.D

Acq: 18 Feb 2020 15:09

Instrument :

MSVOA_N

ClientSampleId :

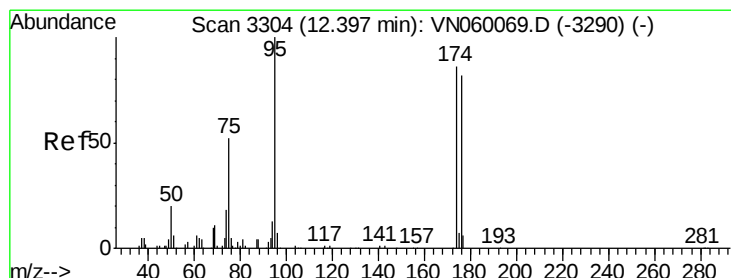
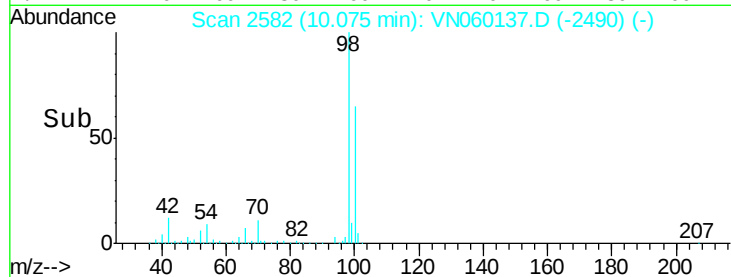
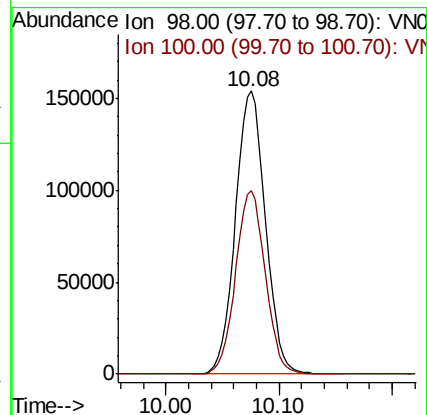
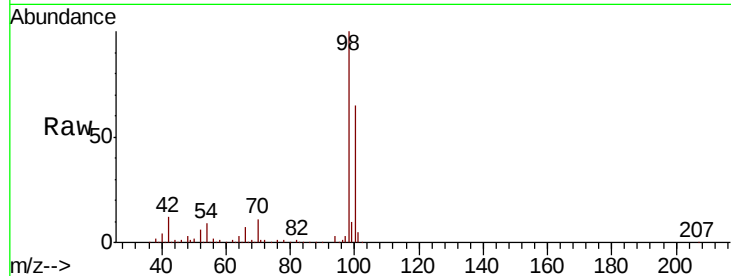
SP-3

Tot Ion: 98 Resp: 284239

Ion Ratio Lower Upper

98 100

100 64.1 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 46.377 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060137.D

Acq: 18 Feb 2020 15:09

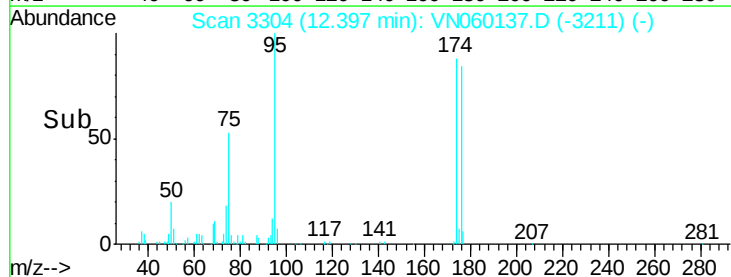
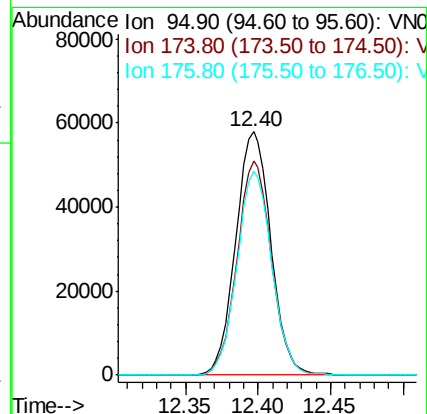
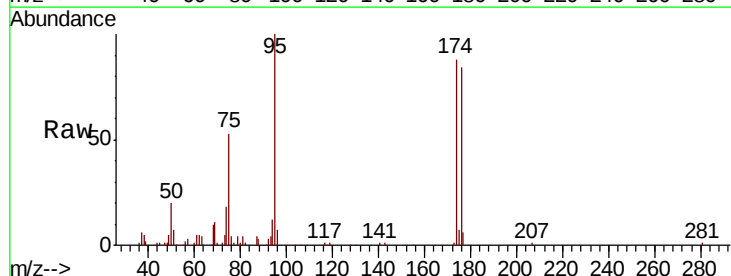
Tgt Ion: 95 Resp: 97188

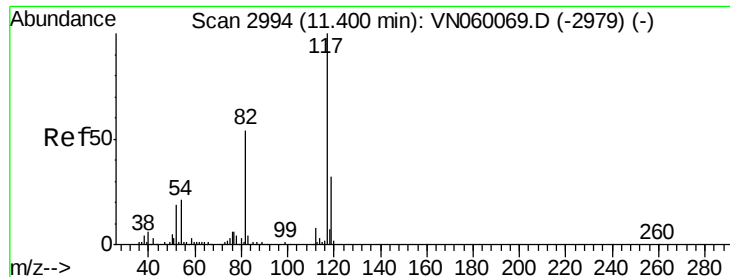
Ion Ratio Lower Upper

95 100

174 86.4 0.0 169.8

176 83.3 0.0 164.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2993

Delta R.T. -0.00 min

Lab File: VN060137.D

Acq: 18 Feb 2020 15:09

Instrument :

MSVOA_N

ClientSampleId :

SP-3

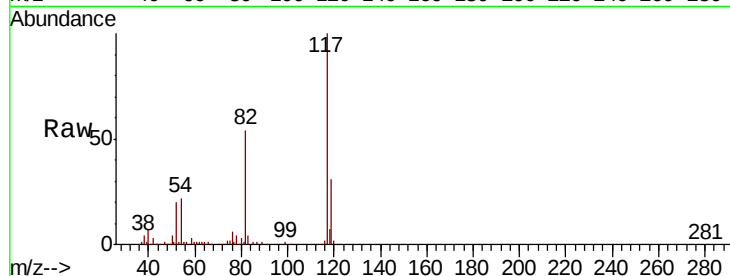
Tot Ion:117 Resp: 212990

Ion Ratio Lower Upper

117 100

82 53.9 43.4 65.0

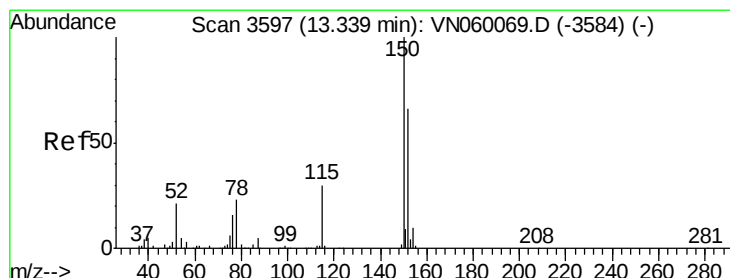
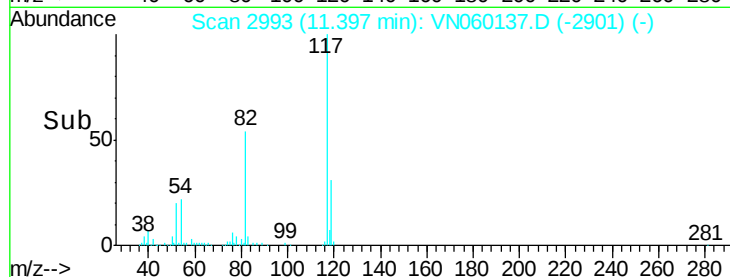
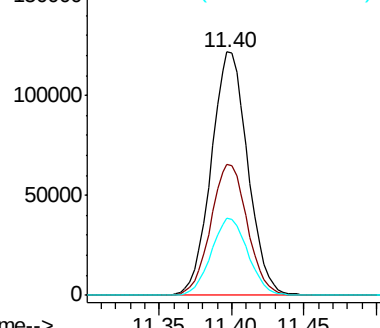
119 31.5 25.8 38.6



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: VN060137.D

Acq: 18 Feb 2020 15:09

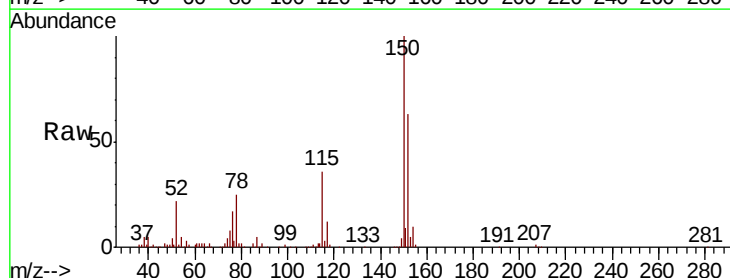
Tgt Ion:152 Resp: 94603

Ion Ratio Lower Upper

152 100

115 58.0 28.9 86.8

150 159.7 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

