

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052920\
 Data File : VN061557.D
 Acq On : 29 May 2020 11:06
 Operator : JC/MD
 Sample : VN0529WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0529WBL01

Quant Time: May 30 06:26:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	278972	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	486118	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	451609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	176175	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	170849	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
35) Dibromofluoromethane	7.54	113	137438	55.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.46%	
50) Toluene-d8	10.06	98	580343	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
62) 4-Bromofluorobenzene	12.38	95	199529	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	

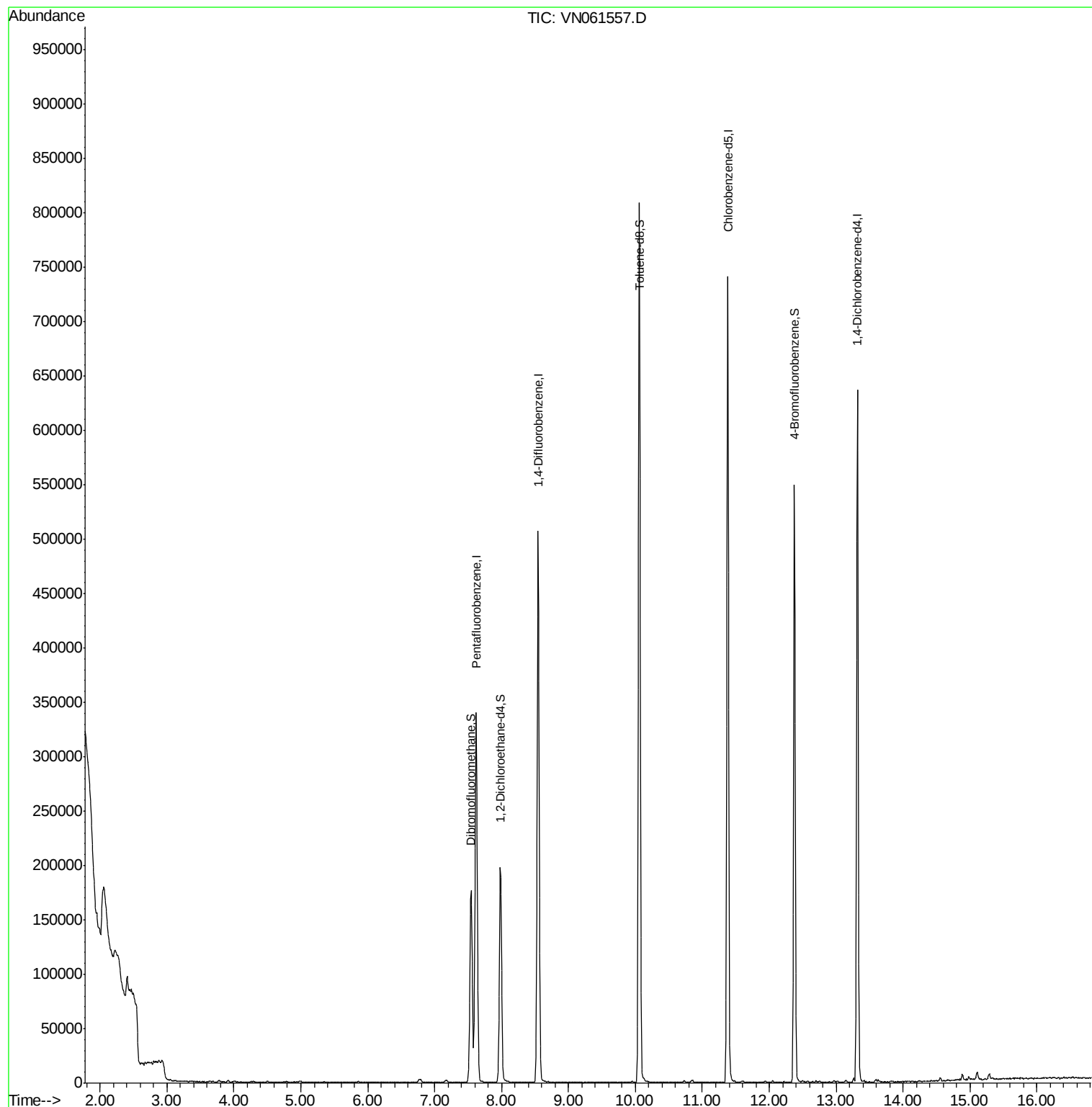
Target Compounds	Qvalue

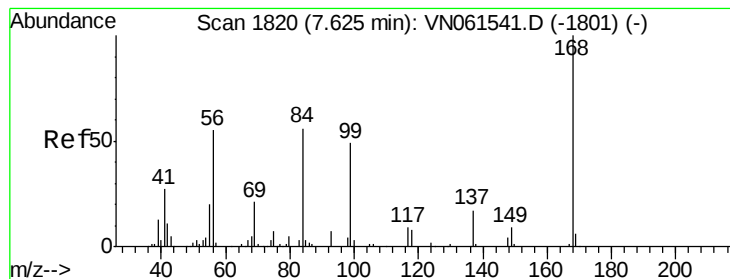
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061557.D

Acq: 29 May 2020 11:06

Instrument :

MSVOA_N

ClientSampleId :

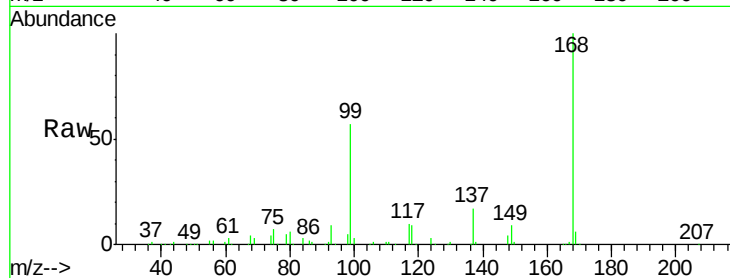
VN0529WBL01

Tot Ion:168 Resp: 278972

Ion Ratio Lower Upper

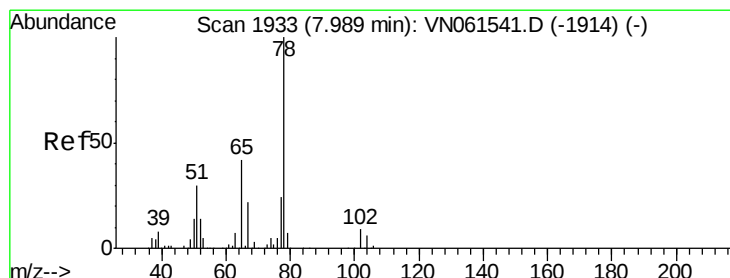
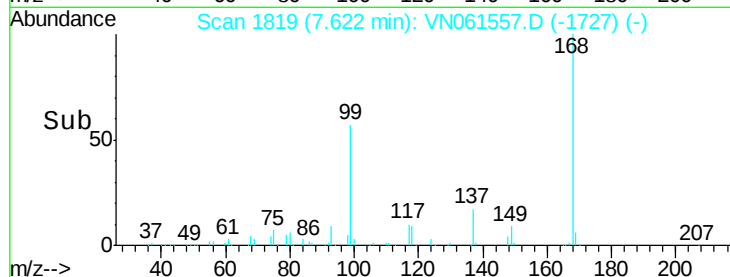
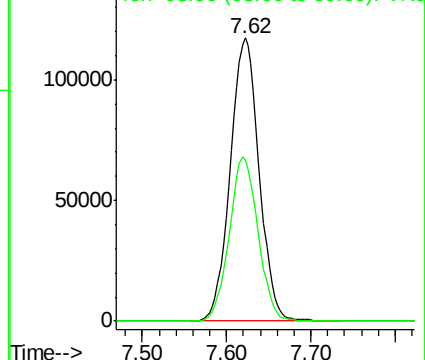
168 100

99 56.7 45.0 67.4



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: 51.402 ug/l

RT: 7.98 min Scan# 1931

Delta R.T. -0.01 min

Lab File: VN061557.D

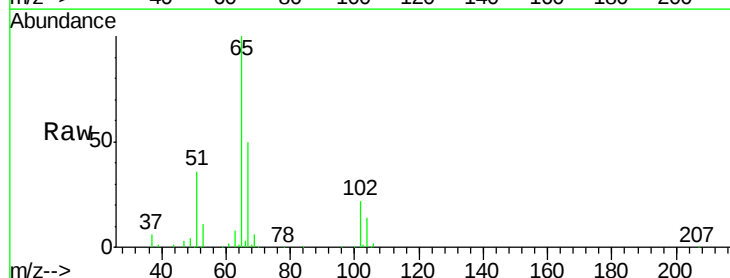
Acq: 29 May 2020 11:06

Tgt Ion: 65 Resp: 170849

Ion Ratio Lower Upper

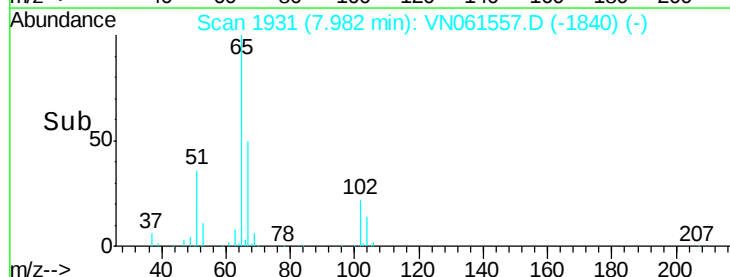
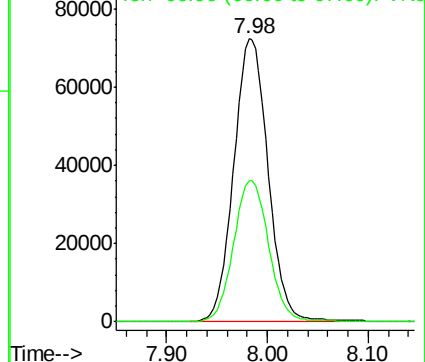
65 100

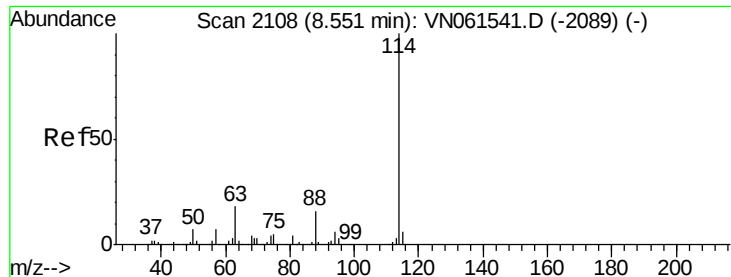
67 51.3 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

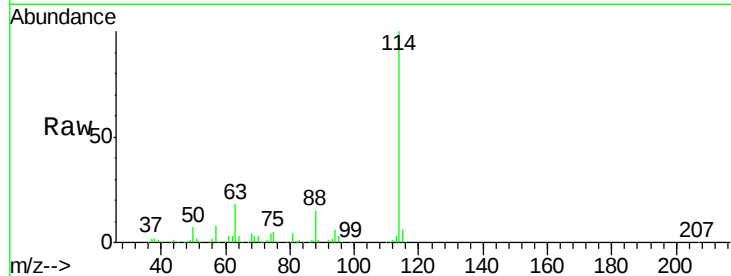




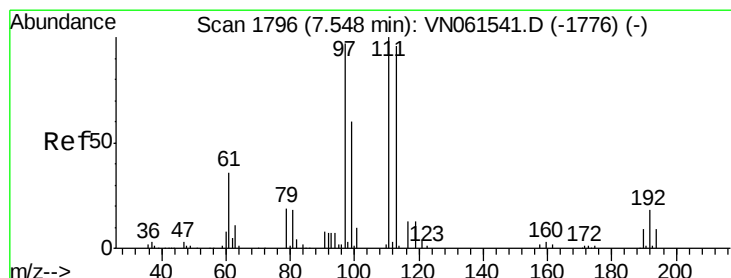
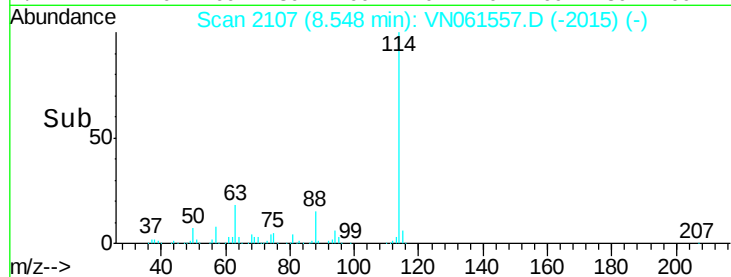
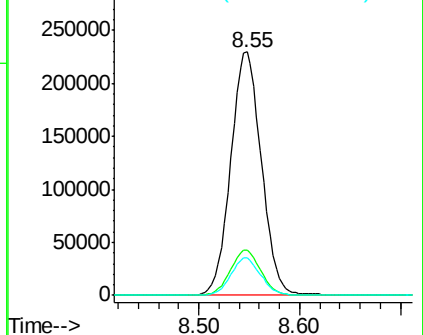
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061557.D
 Acq: 29 May 2020 11:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0529WBL01

Tot Ion:114 Resp: 486118
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 35.8
 88 15.2 0.0 31.0

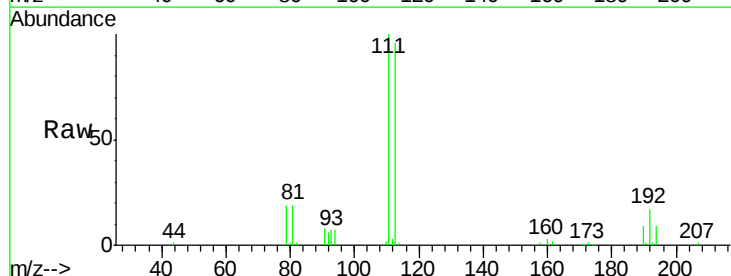


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

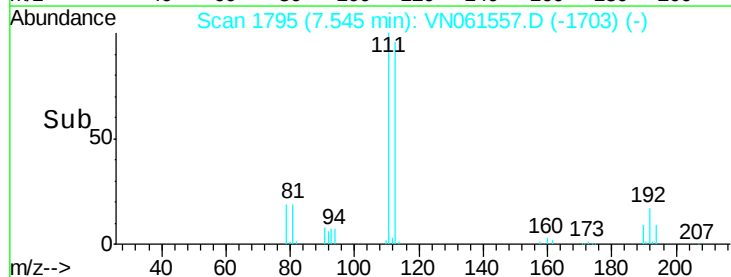
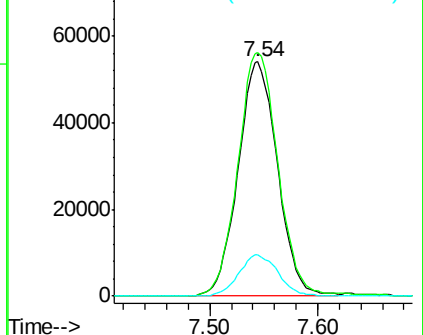


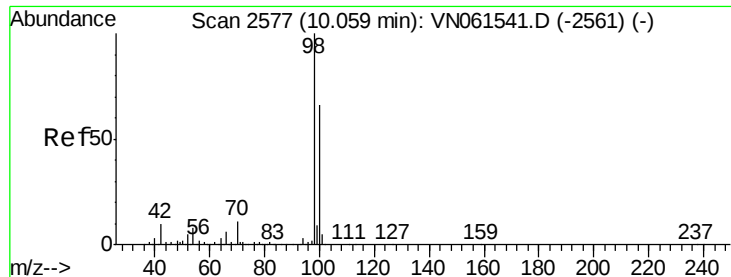
#35
 Dibromofluoromethane
 Concen: 55.733 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061557.D
 Acq: 29 May 2020 11:06

Tgt Ion:113 Resp: 137438
 Ion Ratio Lower Upper
 113 100
 111 105.7 83.4 125.0
 192 17.6 15.4 23.2



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: 50.784 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061557.D

Acq: 29 May 2020 11:06

Instrument :

MSVOA_N

ClientSampleId :

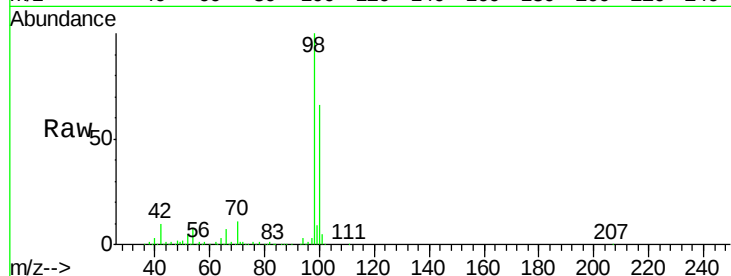
VN0529WBL01

Tot Ion: 98 Resp: 580343

Ion Ratio Lower Upper

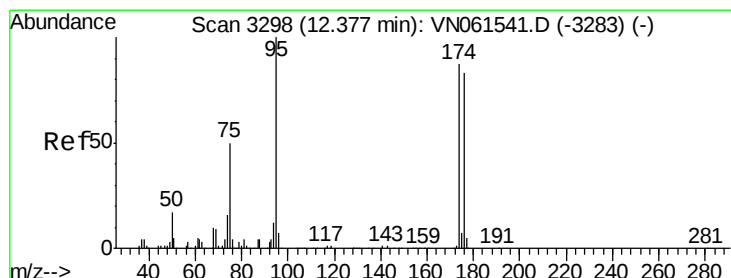
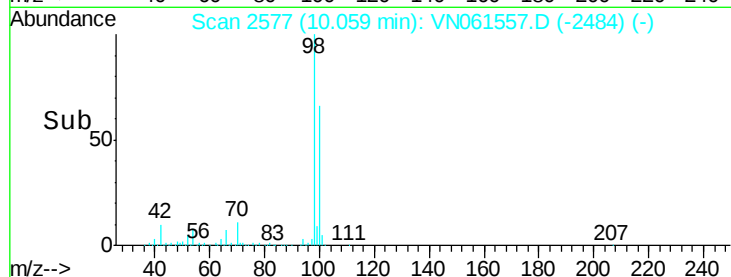
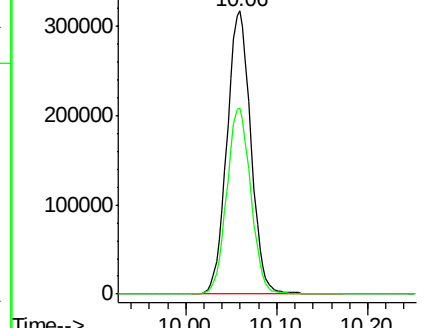
98 100

100 65.9 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 47.858 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN061557.D

Acq: 29 May 2020 11:06

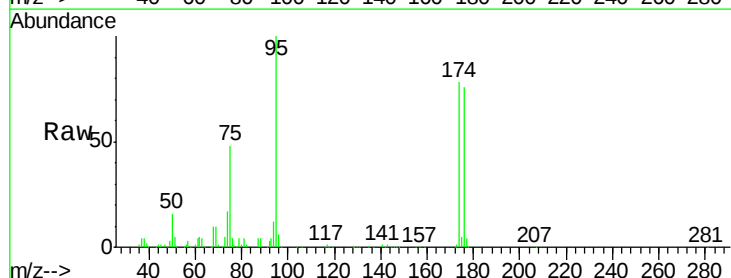
Tgt Ion: 95 Resp: 199529

Ion Ratio Lower Upper

95 100

174 76.4 0.0 172.8

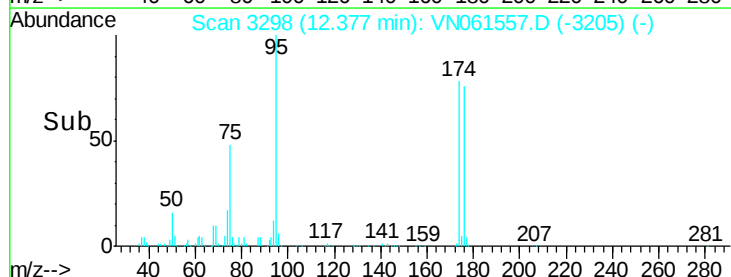
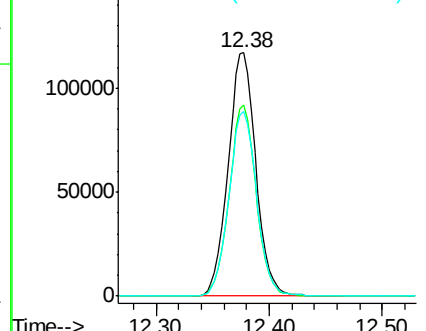
176 75.8 0.0 164.8

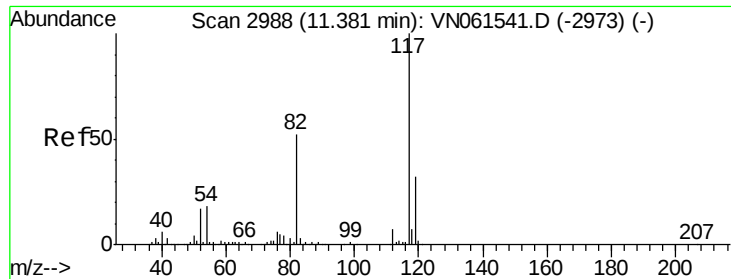


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

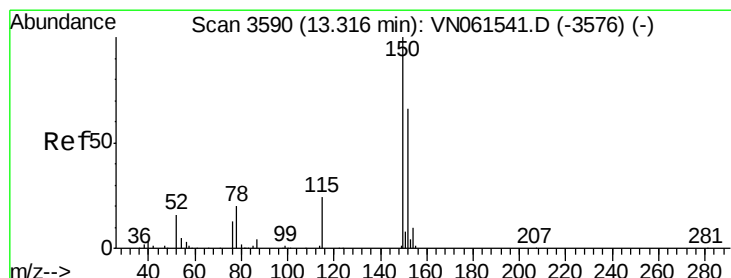
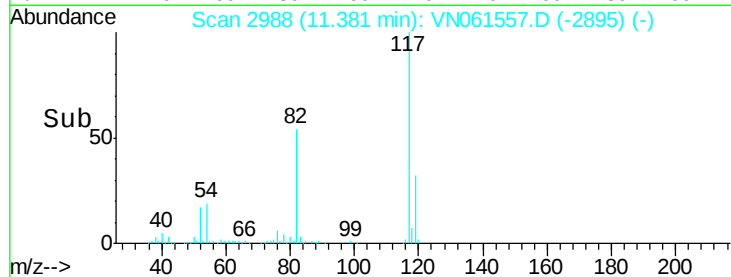
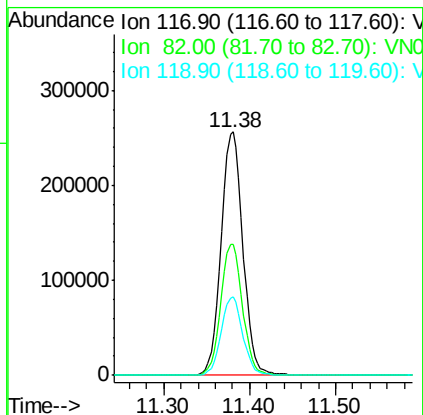
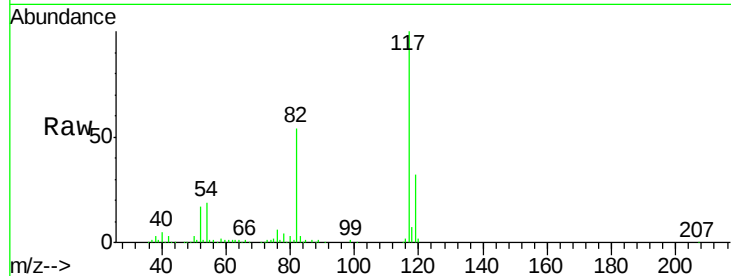




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061557.D
Acq: 29 May 2020 11:06

Instrument :
MSVOA_N
ClientSampleId :
VN0529WBL01

Tot Ion:117 Resp: 451609
Ion Ratio Lower Upper
117 100
82 53.8 41.5 62.3
119 32.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061557.D
Acq: 29 May 2020 11:06

Tgt Ion:152 Resp: 176175
Ion Ratio Lower Upper
152 100
115 58.4 28.0 84.0
150 156.9 0.0 344.0

