

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110119\
 Data File : VN059060.D
 Acq On : 1 Nov 2019 14:23
 Operator : JC/SP
 Sample : VN1101WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101WBL01

Quant Time: Nov 02 05:14:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 05:43:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	457224	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	710702	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	614448	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	221126	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	292639	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
35) Dibromofluoromethane	7.57	113	220438	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
50) Toluene-d8	10.08	98	870764	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
62) 4-Bromofluorobenzene	12.40	95	273022	42.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.10%	

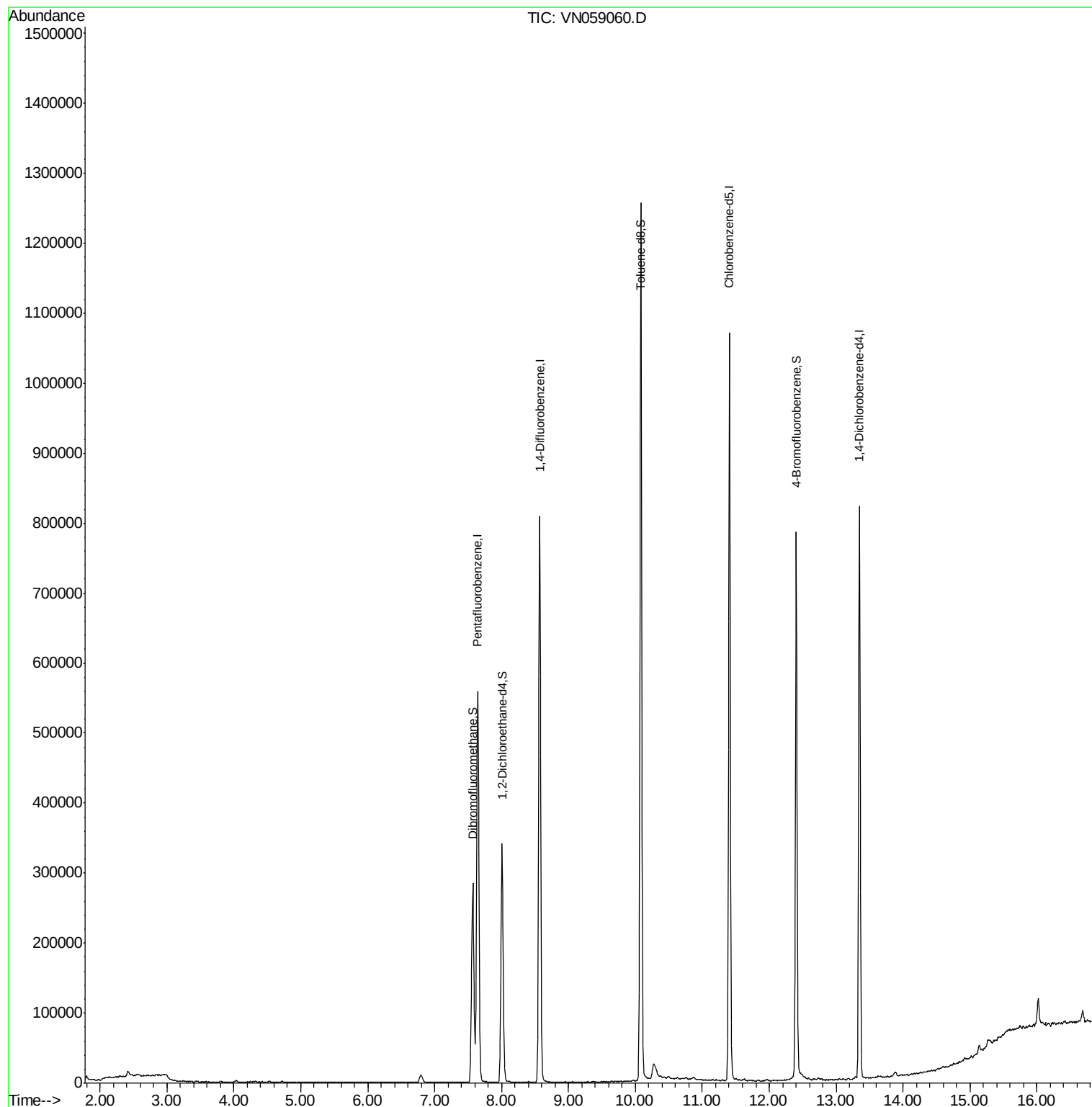
Target Compounds	Qvalue

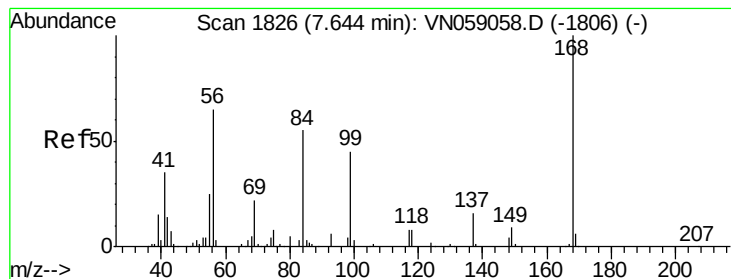
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059060.D

Acq: 1 Nov 2019 14:23

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MSVOA_N

ClientSampleId :

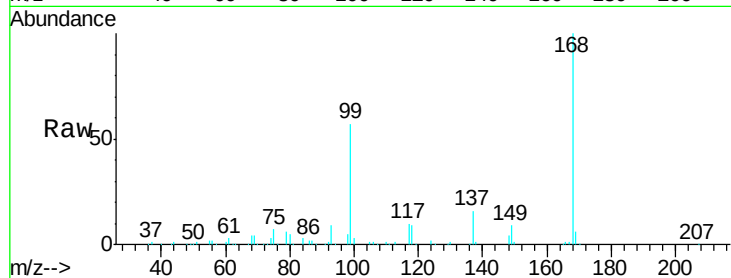
VN1101WBL01

Tgt Ion: 168 Resp: 457224

Ion Ratio Lower Upper

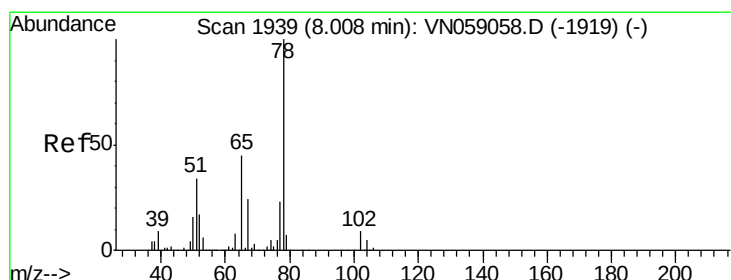
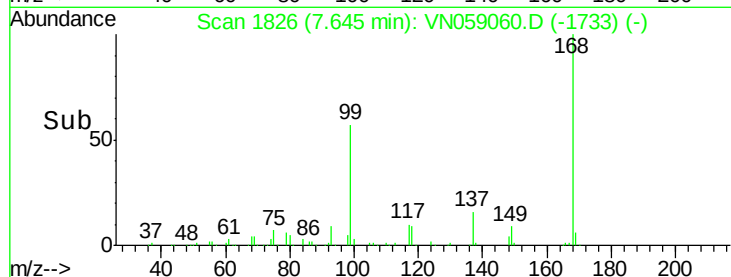
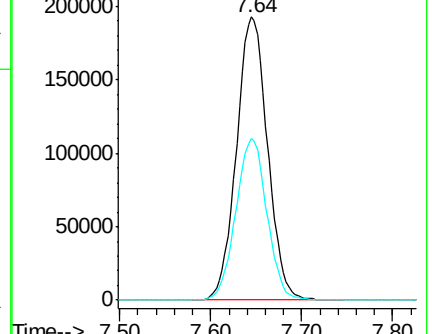
168 100

99 57.0 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 48.327 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059060.D

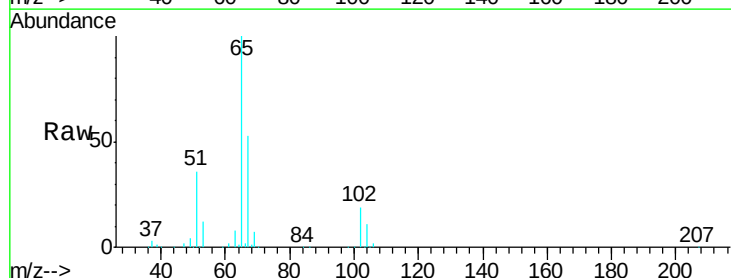
Acq: 1 Nov 2019 14:23

Tgt Ion: 65 Resp: 292639

Ion Ratio Lower Upper

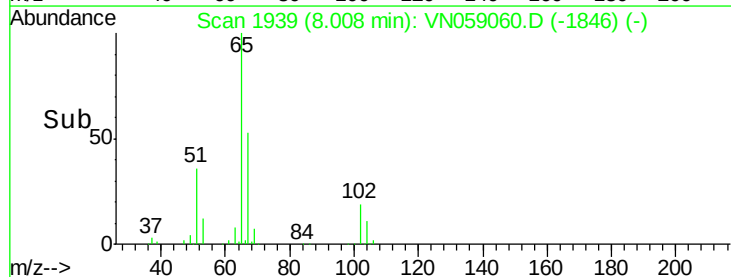
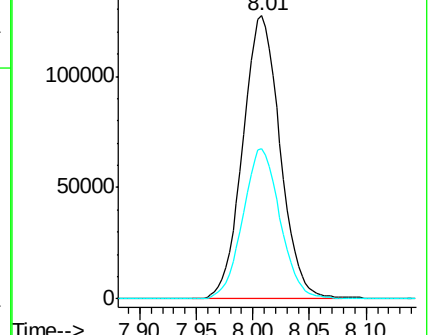
65 100

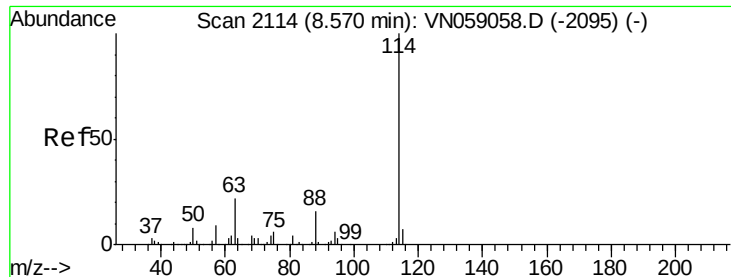
67 53.1 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

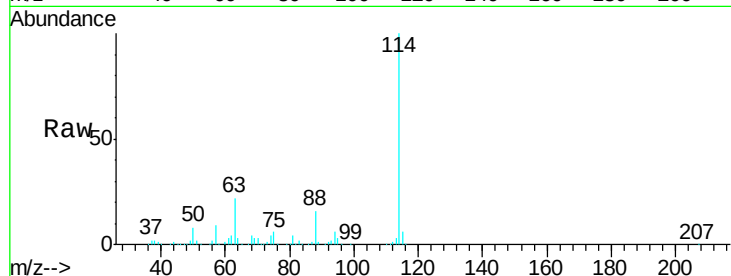




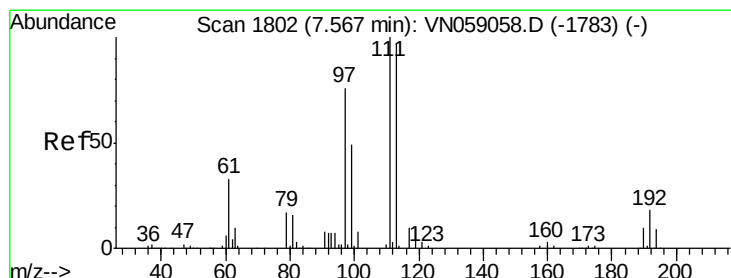
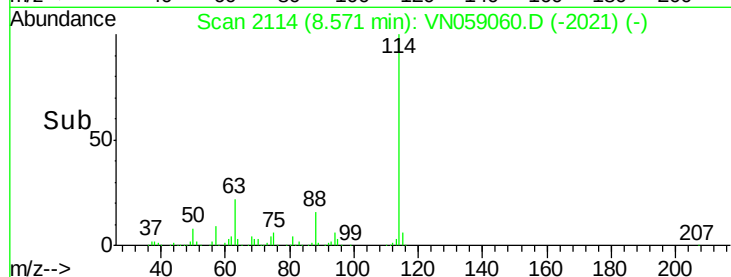
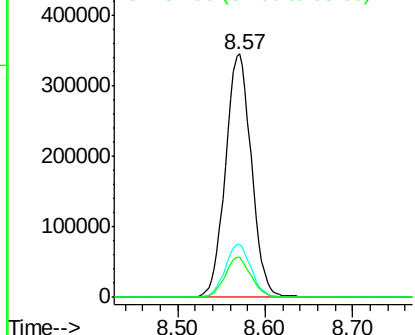
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059060.D
 Acq: 1 Nov 2019 14:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101WBL01

Tgt Ion:114 Resp: 710702
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.2
 88 16.2 0.0 33.0

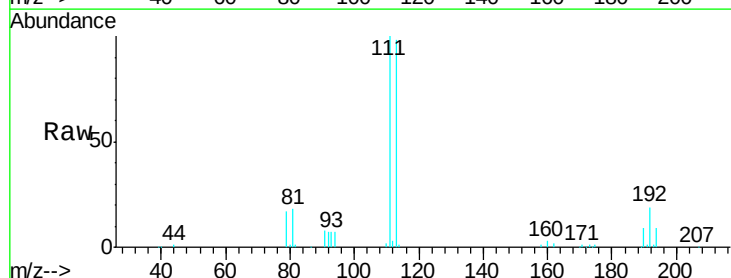


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

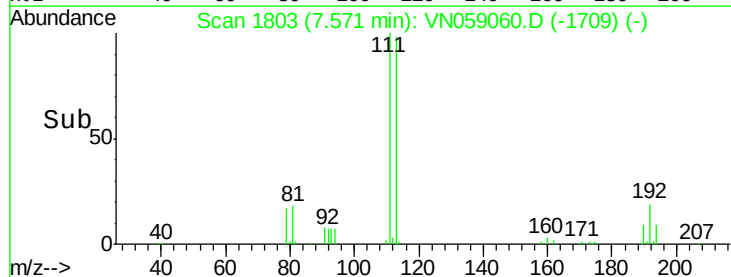
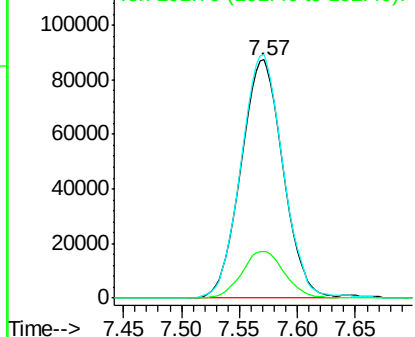


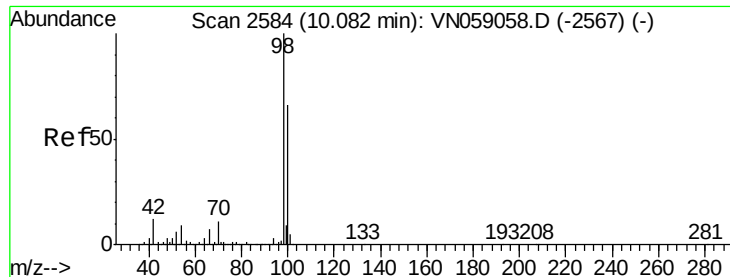
#35
 Dibromofluoromethane
 Concen: 48.079 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059060.D
 Acq: 1 Nov 2019 14:23

Tgt Ion:113 Resp: 220438
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.9 124.3
 192 19.9 15.9 23.9



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: 48.781 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059060.D

Acq: 1 Nov 2019 14:23

Instrument :

MSVOA_N

ClientSampled :

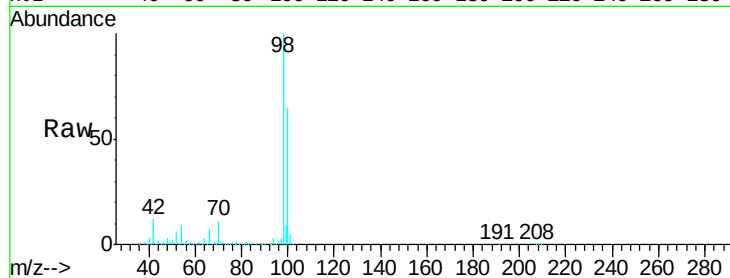
VN1101WBL01

Tgt Ion: 98 Resp: 870764

Ion Ratio Lower Upper

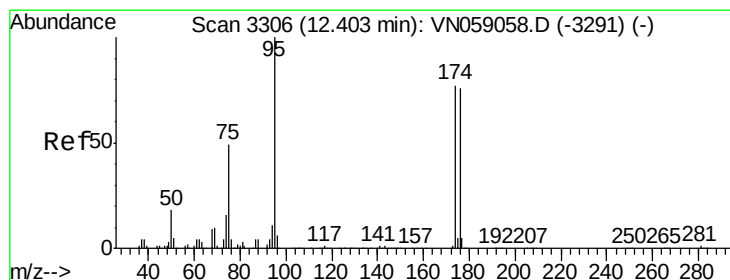
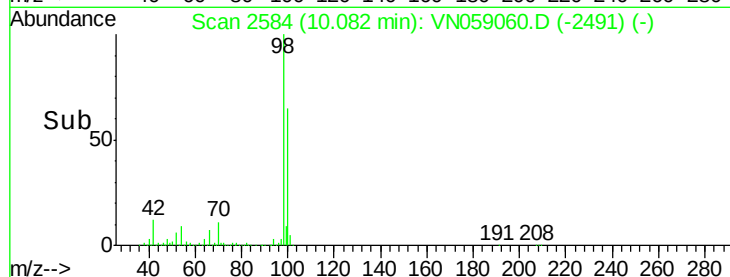
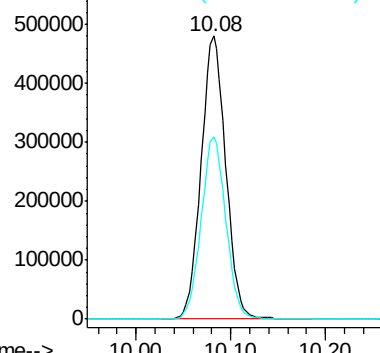
98 100

100 64.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 42.549 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059060.D

Acq: 1 Nov 2019 14:23

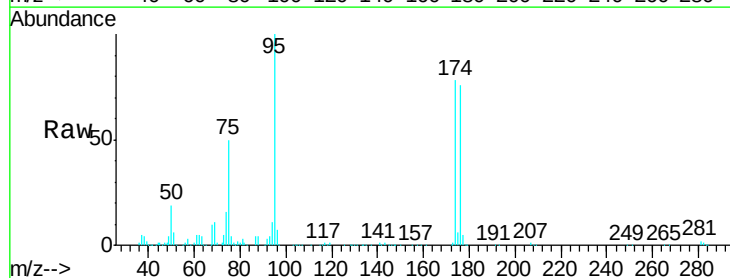
Tgt Ion: 95 Resp: 273022

Ion Ratio Lower Upper

95 100

174 78.2 0.0 155.8

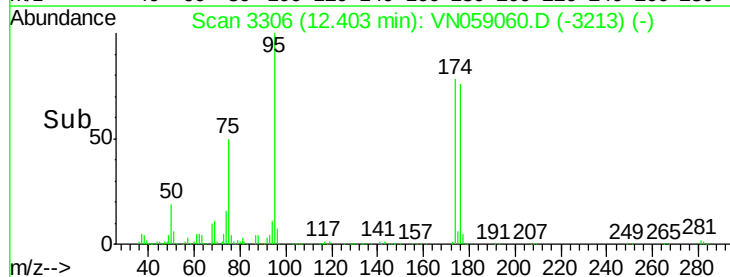
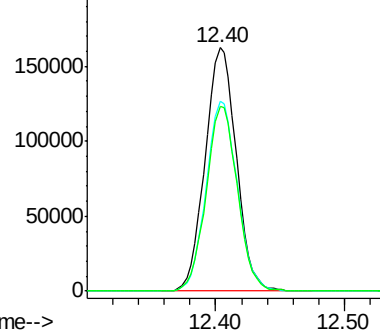
176 76.2 0.0 151.6

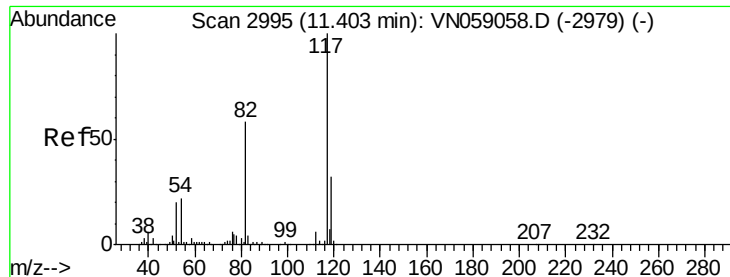


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

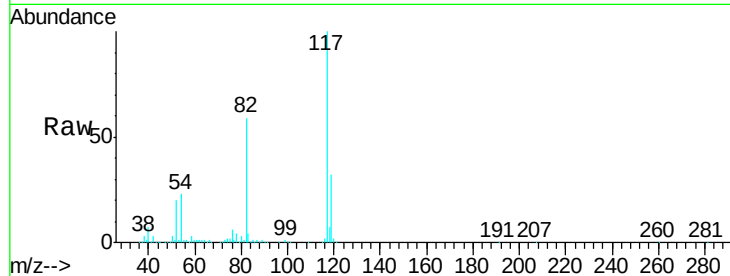




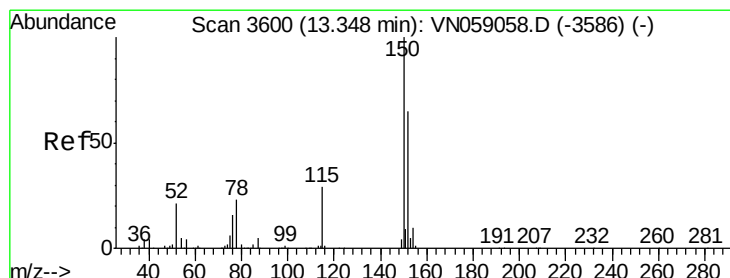
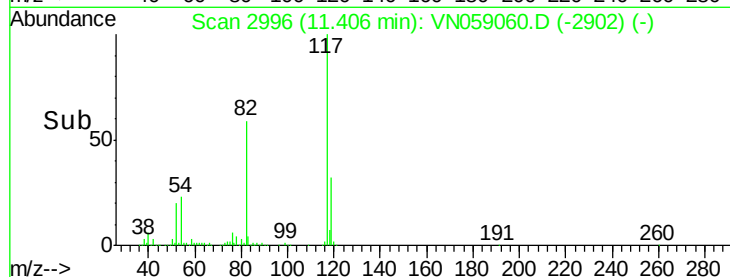
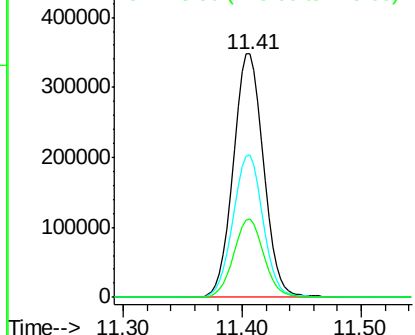
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN059060.D
Acq: 1 Nov 2019 14:23

Instrument :
MSVOA_N
ClientSampleId :
VN1101WBL01

Tgt Ion:117 Resp: 614448
Ion Ratio Lower Upper
117 100
82 58.5 46.0 69.0
119 32.3 25.6 38.4

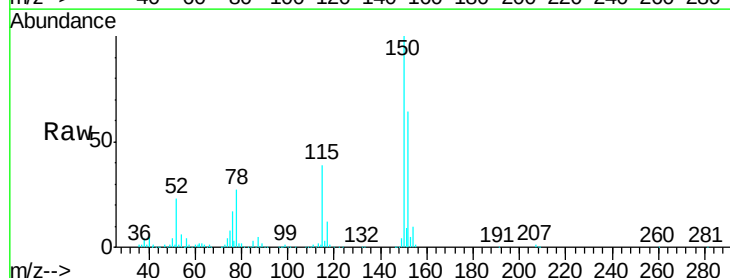


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN059060.D
Acq: 1 Nov 2019 14:23

Tgt Ion:152 Resp: 221126
Ion Ratio Lower Upper
152 100
115 60.0 29.6 88.9
150 157.0 0.0 345.8



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

