

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063528.D
 Acq On : 22 Sep 2020 13:10
 Operator : JC/MD
 Sample : VN0922WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBL01

Quant Time: Sep 23 04:11:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	230801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	431198	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	424786	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	178490	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	188872	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
35) Dibromofluoromethane	7.55	113	139202	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	
50) Toluene-d8	10.06	98	543140	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
62) 4-Bromofluorobenzene	12.38	95	214589	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	

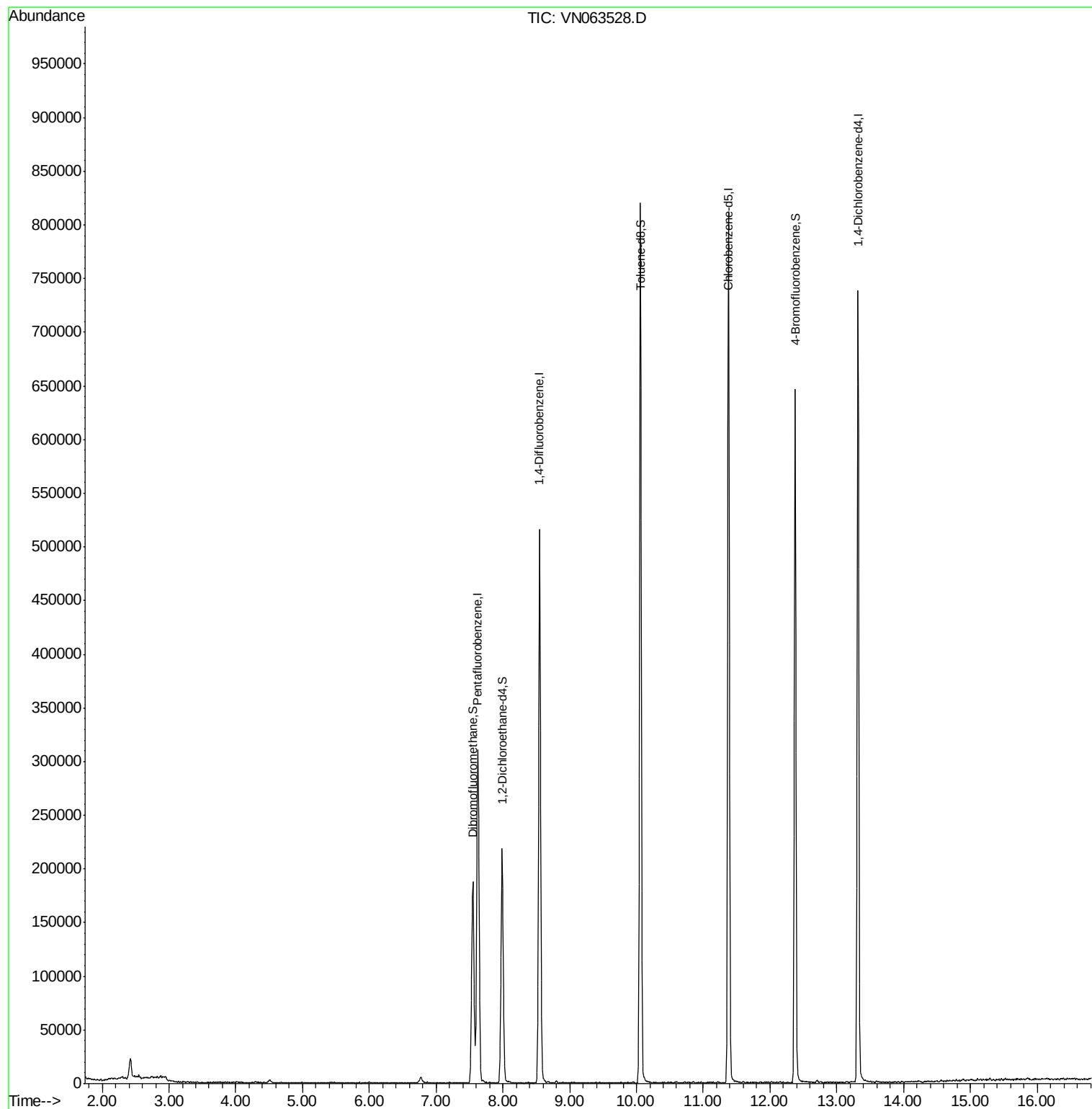
Target Compounds Qvalue

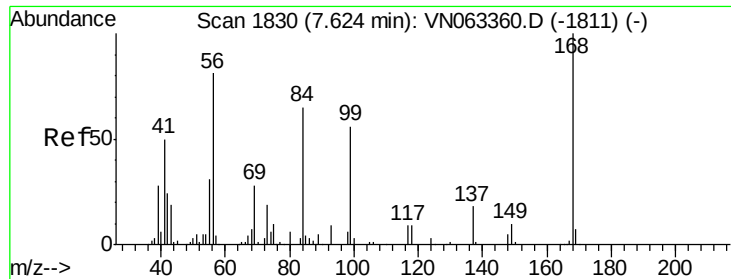
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063528.D

Acq: 22 Sep 2020 13:10

Instrument :

MSVOA_N

ClientSampleId :

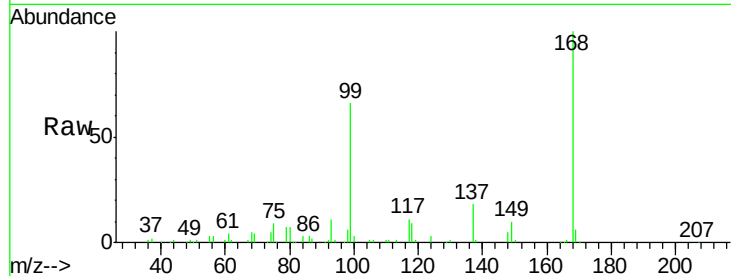
VN0922WBL01

Tot Ion:168 Resp: 230801

Ion Ratio Lower Upper

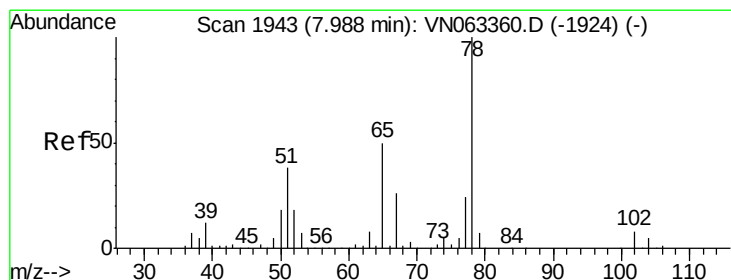
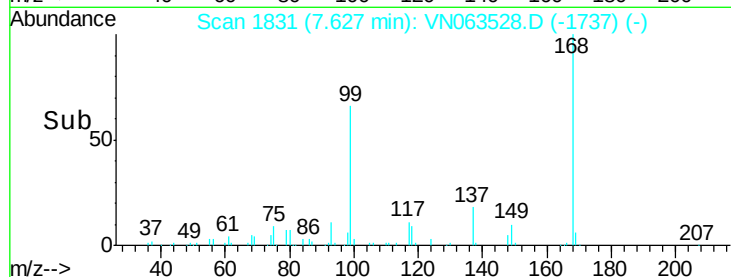
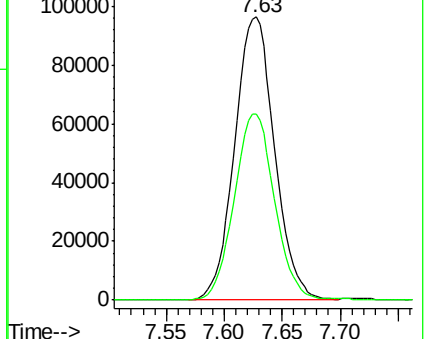
168 100

99 65.5 53.0 79.6



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: 48.073 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063528.D

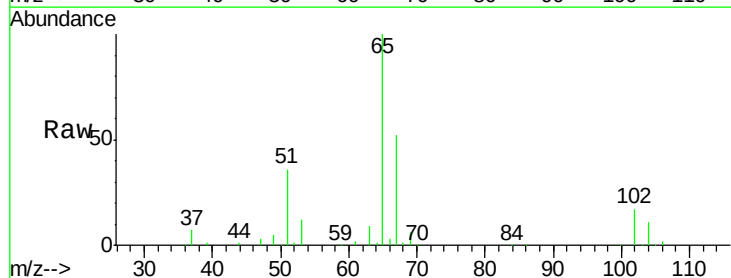
Acq: 22 Sep 2020 13:10

Tgt Ion: 65 Resp: 188872

Ion Ratio Lower Upper

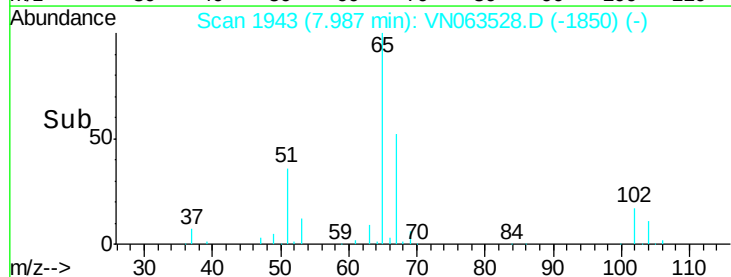
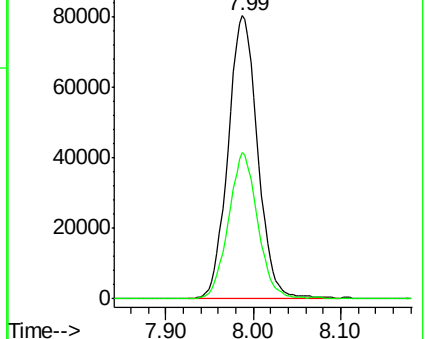
65 100

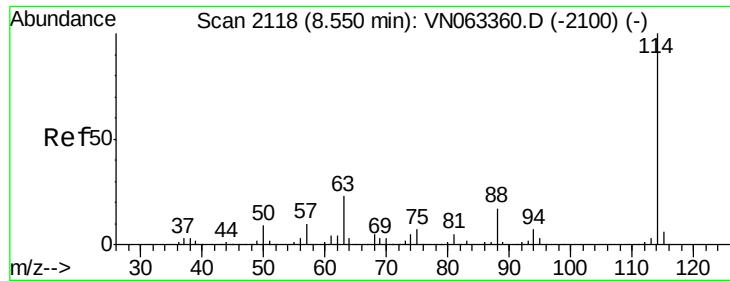
67 50.9 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

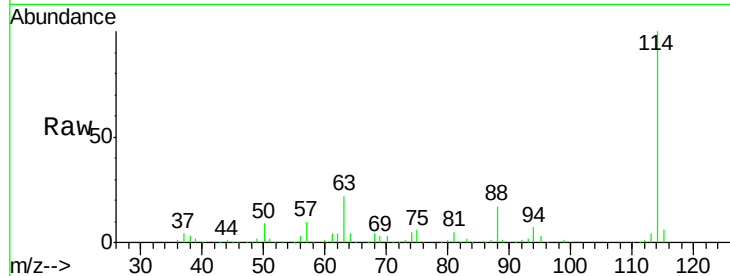




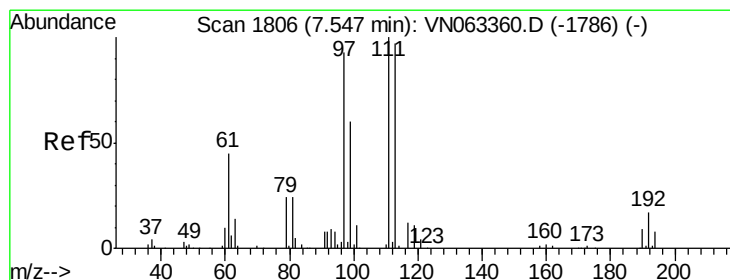
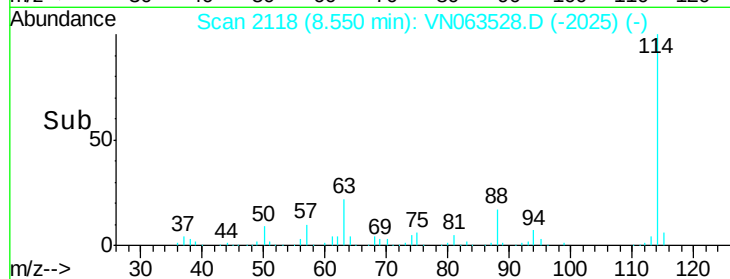
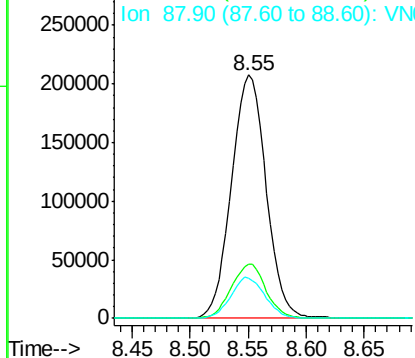
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN063528.D
Acq: 22 Sep 2020 13:10

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBL01

Tot Ion:114 Resp: 431198
Ion Ratio Lower Upper
114 100
63 22.2 0.0 46.4
88 16.7 0.0 33.2

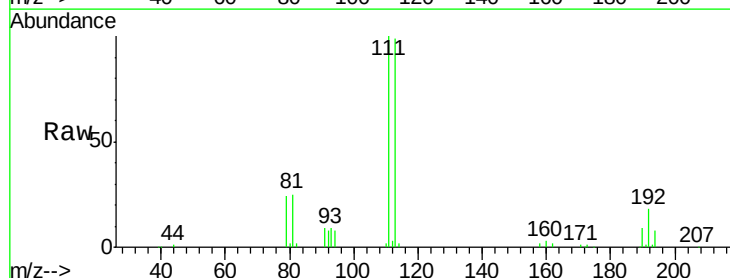


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

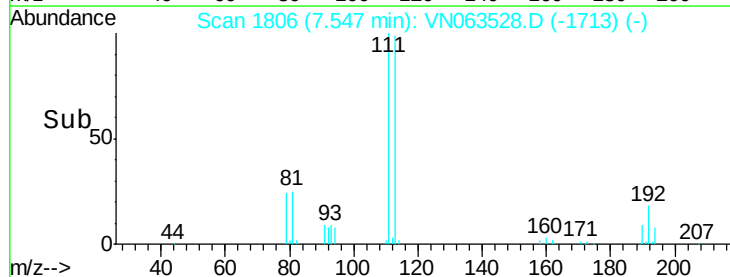
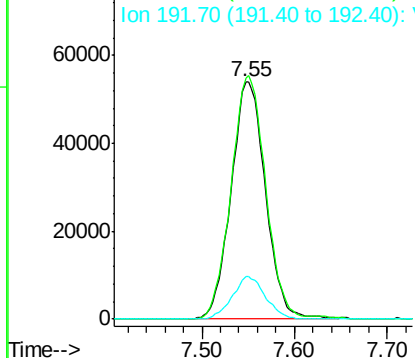


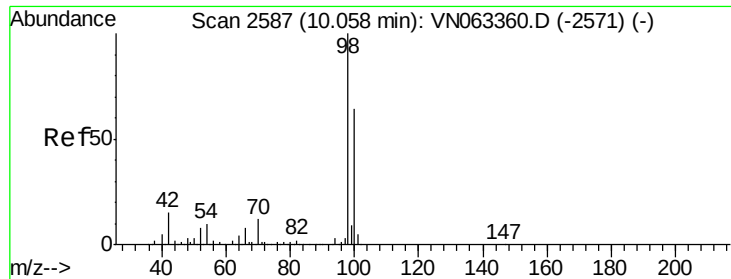
#35
Dibromofluoromethane
Concen: 46.632 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN063528.D
Acq: 22 Sep 2020 13:10

Tgt Ion:113 Resp: 139202
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 17.2 13.9 20.9



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: 48.389 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063528.D

Acq: 22 Sep 2020 13:10

Instrument :

MSVOA_N

ClientSampleId :

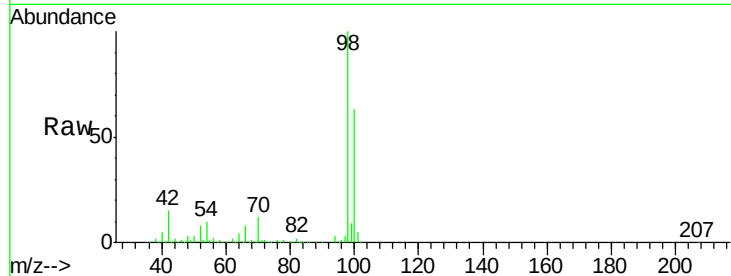
VN0922WBL01

Tot Ion: 98 Resp: 543140

Ion Ratio Lower Upper

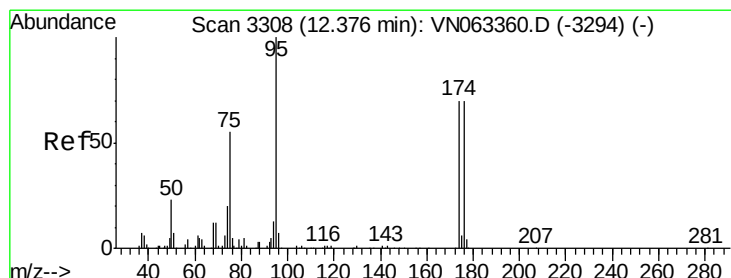
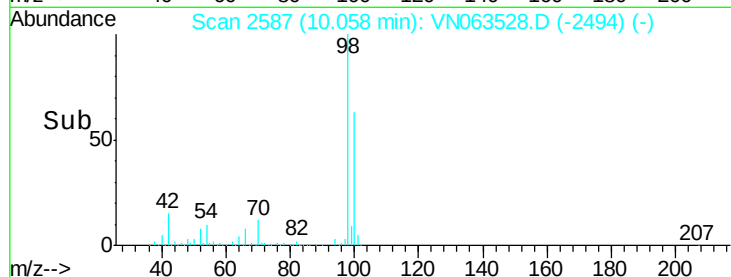
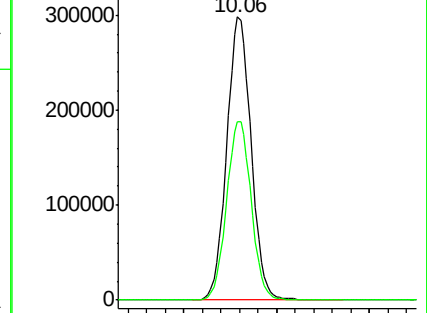
98 100

100 63.7 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 52.152 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063528.D

Acq: 22 Sep 2020 13:10

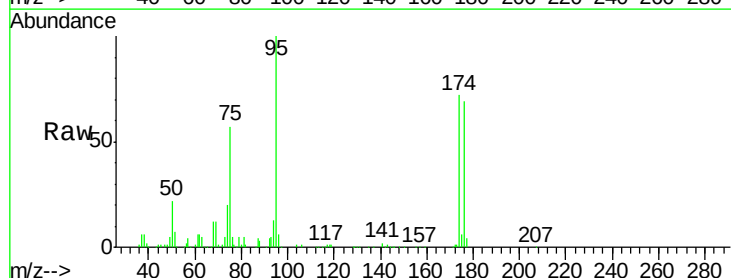
Tgt Ion: 95 Resp: 214589

Ion Ratio Lower Upper

95 100

174 71.8 0.0 140.8

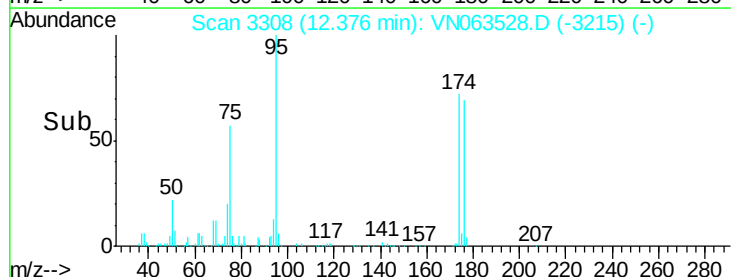
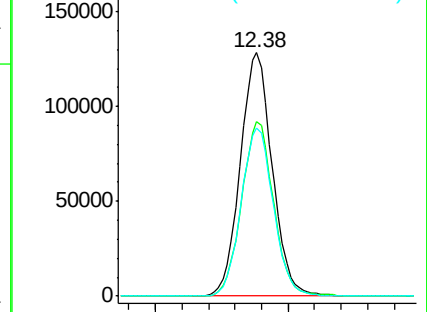
176 69.8 0.0 137.6

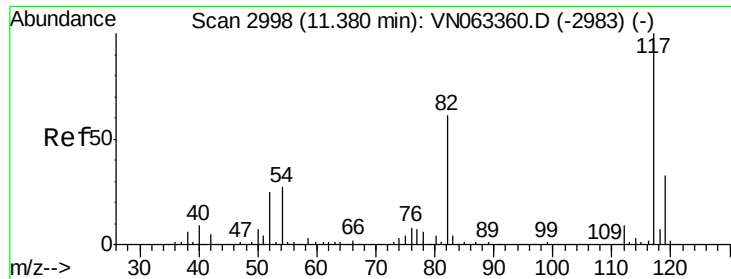


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

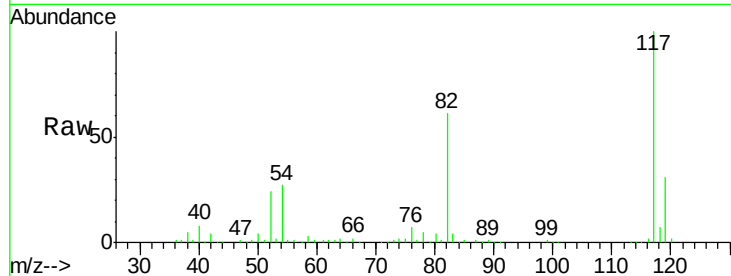




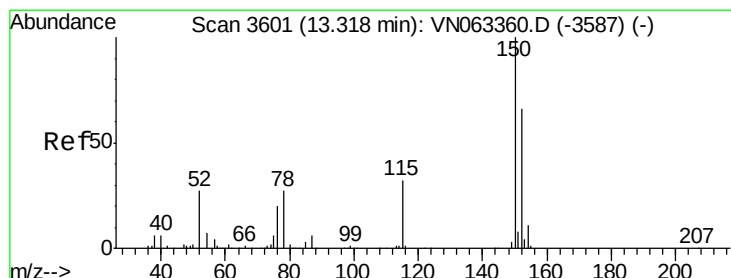
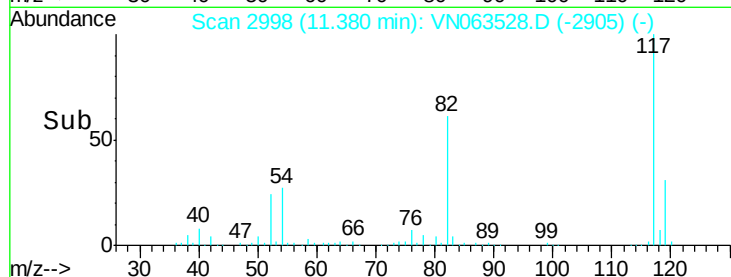
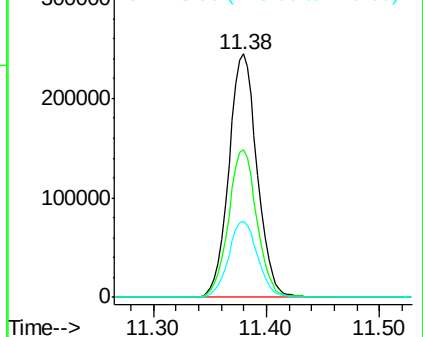
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063528.D
Acq: 22 Sep 2020 13:10

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBL01

Tot Ion:117 Resp: 424786
Ion Ratio Lower Upper
117 100
82 60.5 49.2 73.8
119 31.4 26.2 39.4

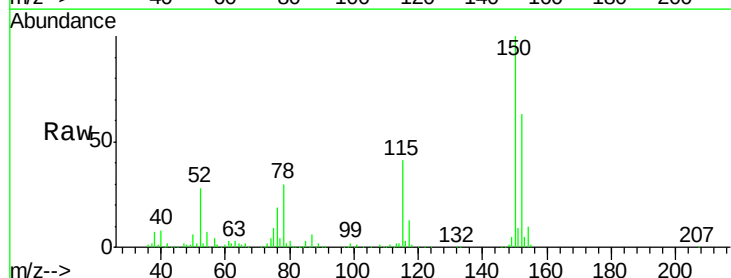


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063528.D
Acq: 22 Sep 2020 13:10

Tgt Ion:152 Resp: 178490
Ion Ratio Lower Upper
152 100
115 65.3 32.2 96.6
150 159.6 0.0 343.4



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

