

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090320\
 Data File : VN063228.D
 Acq On : 3 Sep 2020 18:24
 Operator : JC/MD
 Sample : L3902-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW131I-20200901

Quant Time: Sep 04 05:25:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	286718	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	564137	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	552731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	210342	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	227619	48.56	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.12%	
35) Dibromofluoromethane	7.55	113	178004	49.18	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.36%	
50) Toluene-d8	10.06	98	705281	50.63	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.26%	
62) 4-Bromofluorobenzene	12.38	95	244011	50.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.14%	

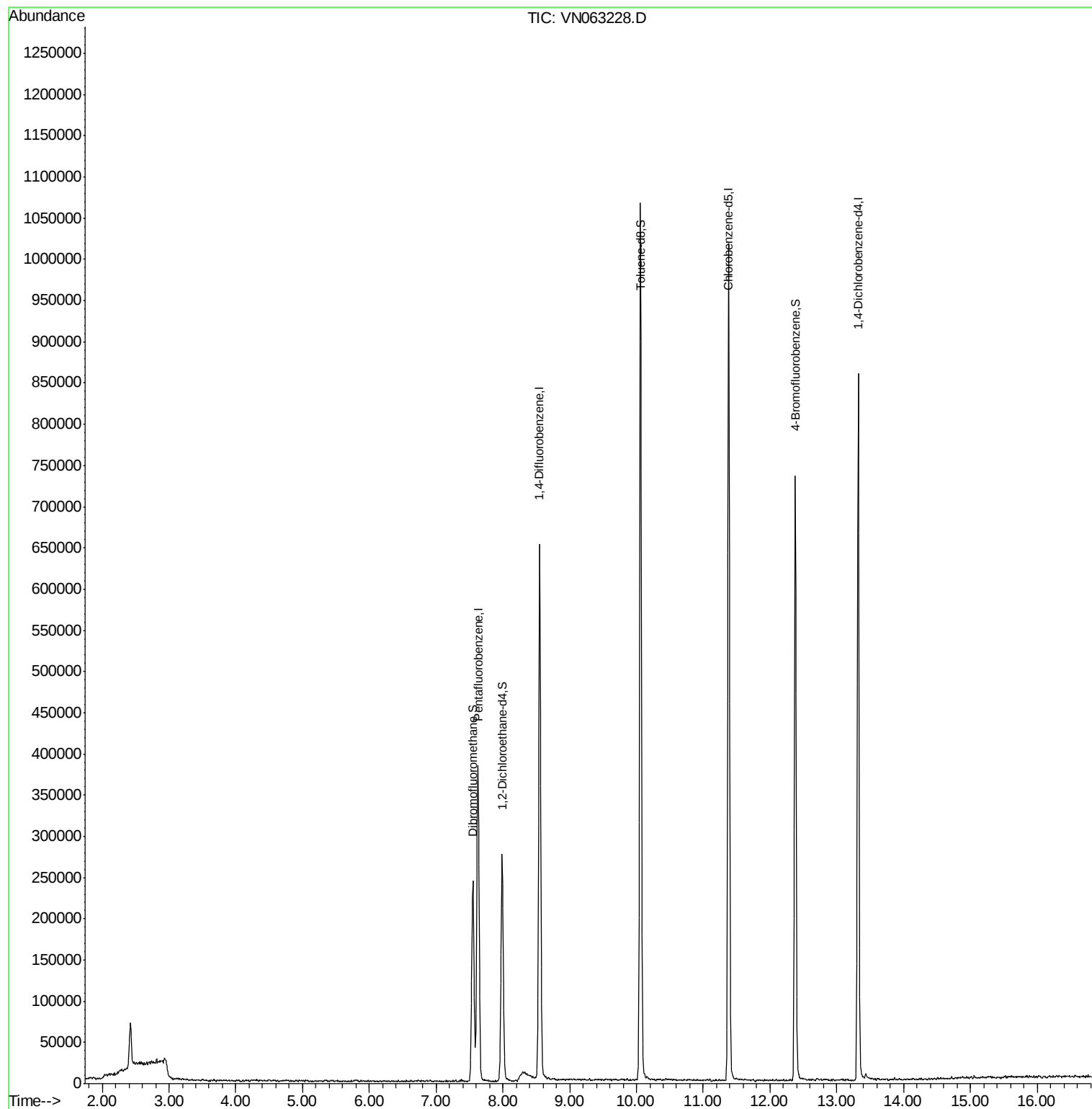
Target Compounds	Qvalue

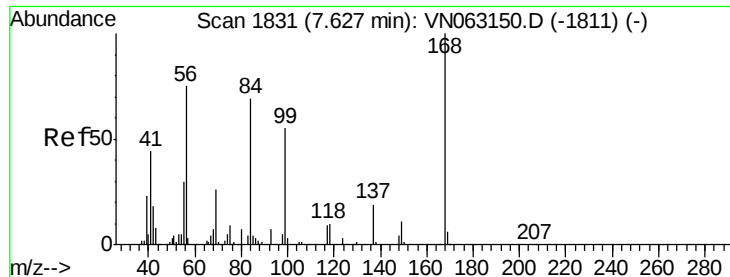
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063228.D

Acq: 3 Sep 2020 18:24

Instrument :

MSVOA_N

ClientSampleId :

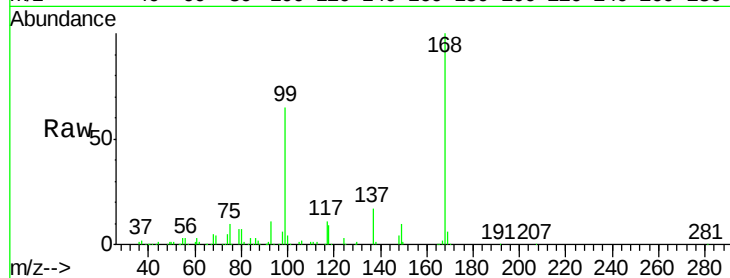
SA-MW131I-20200901

Tot Ion:168 Resp: 286718

Ion Ratio Lower Upper

168 100

99 64.8 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

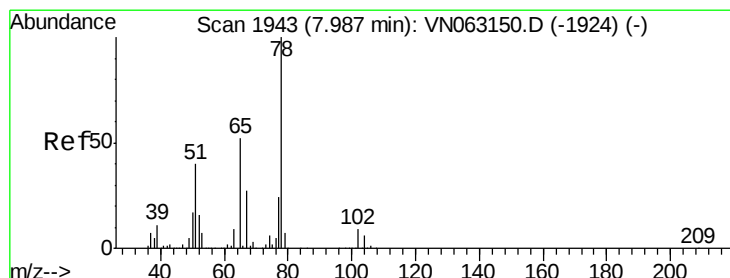
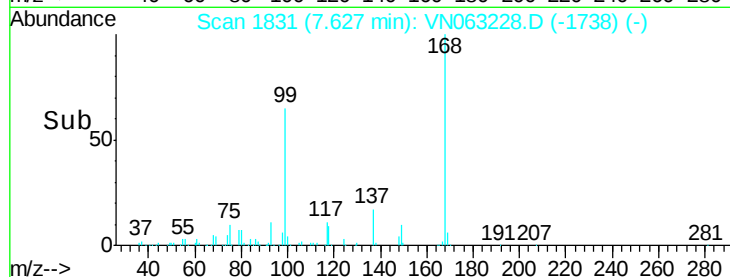
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 48.564 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063228.D

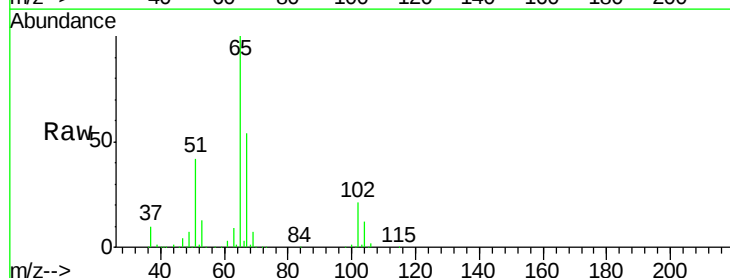
Acq: 3 Sep 2020 18:24

Tgt Ion: 65 Resp: 227619

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

7.99

100000

80000

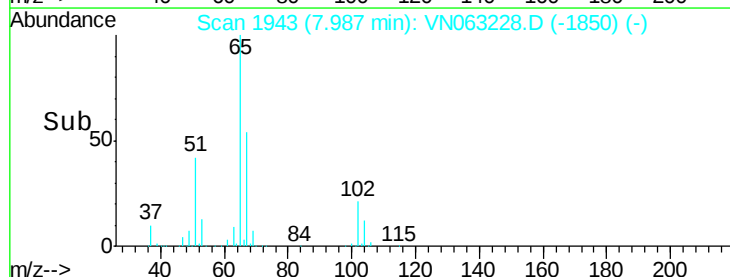
60000

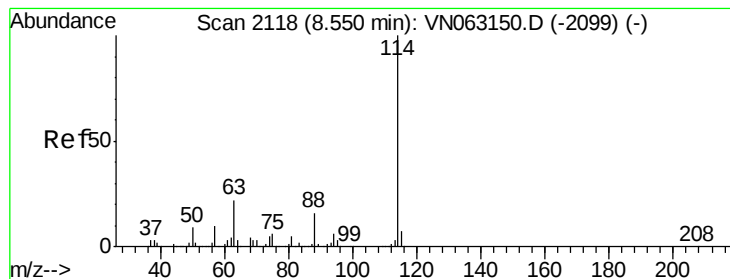
40000

20000

0

Time--> 7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063228.D

Acq: 3 Sep 2020 18:24

Instrument :

MSVOA_N

ClientSampleId :

SA-MW131I-20200901

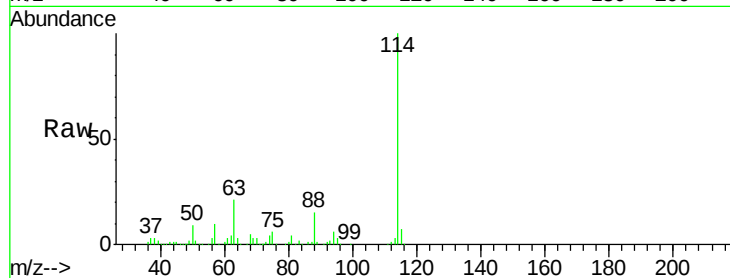
Tot Ion:114 Resp: 564137

Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.0

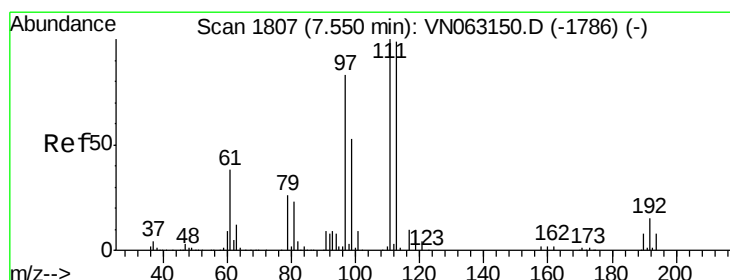
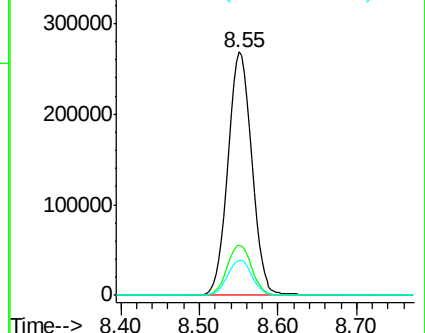
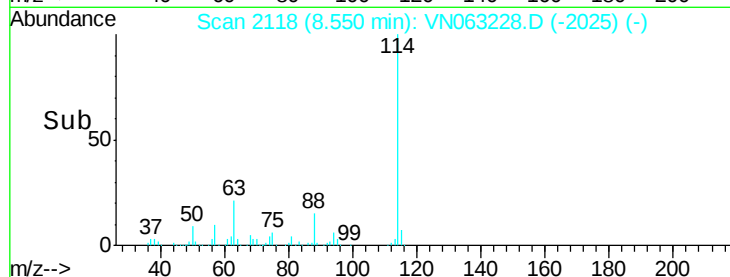
88 14.6 0.0 31.6



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: 49.183 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063228.D

Acq: 3 Sep 2020 18:24

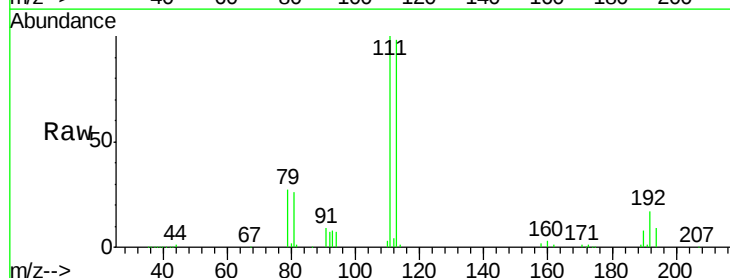
Tgt Ion:113 Resp: 178004

Ion Ratio Lower Upper

113 100

111 104.3 80.7 121.1

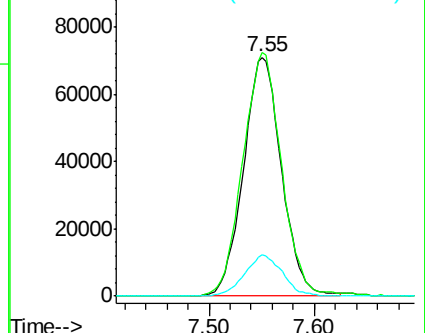
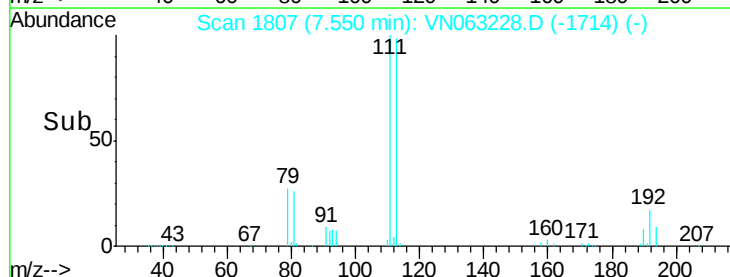
192 17.1 12.6 19.0

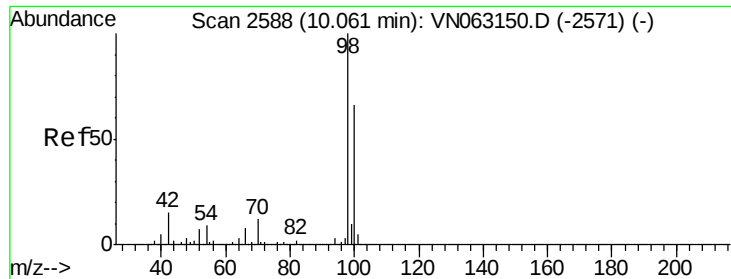


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.629 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063228.D

Acq: 3 Sep 2020 18:24

Instrument :

MSVOA_N

ClientSampleId :

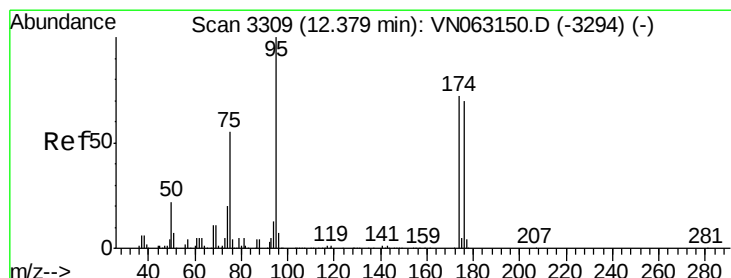
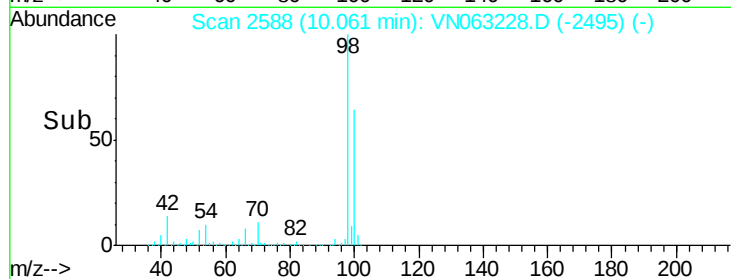
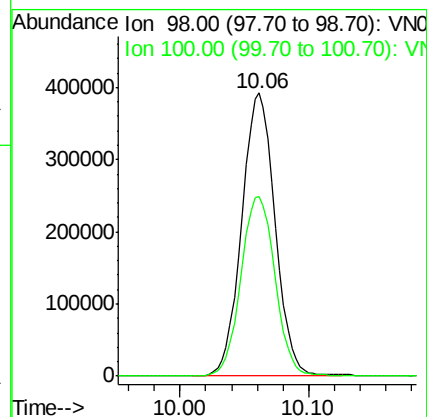
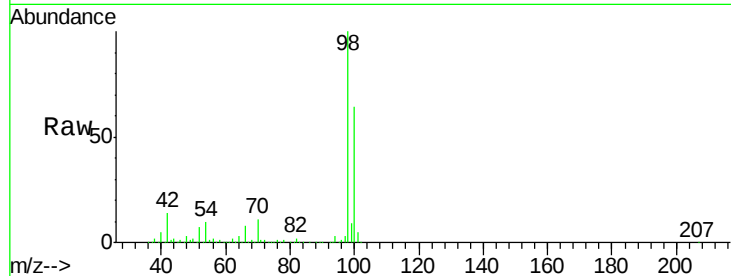
SA-MW131I-20200901

Tot Ion: 98 Resp: 705281

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 50.075 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063228.D

Acq: 3 Sep 2020 18:24

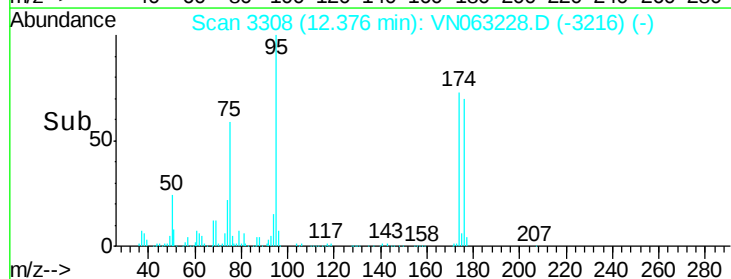
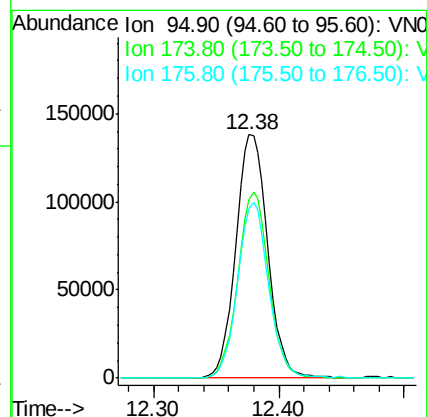
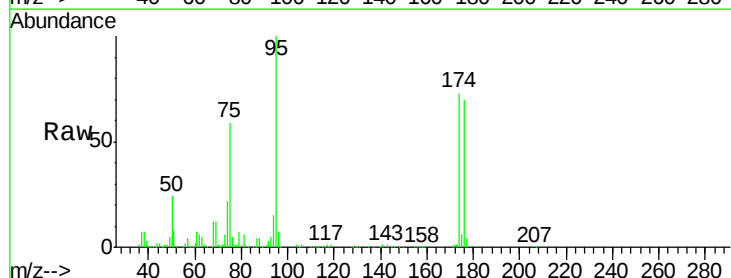
Tgt Ion: 95 Resp: 244011

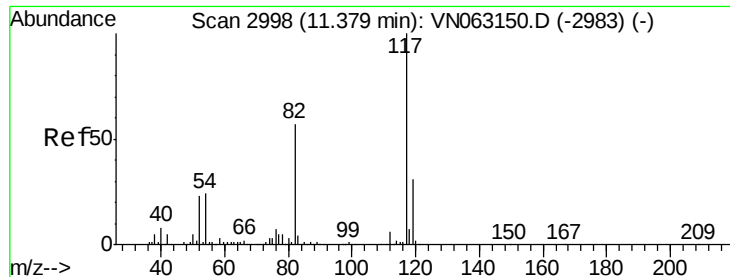
Ion Ratio Lower Upper

95 100

174 74.3 0.0 143.8

176 70.1 0.0 138.4

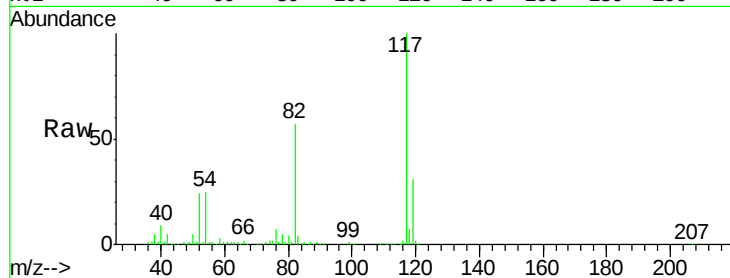




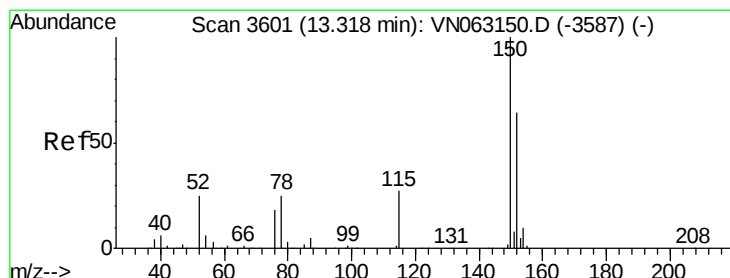
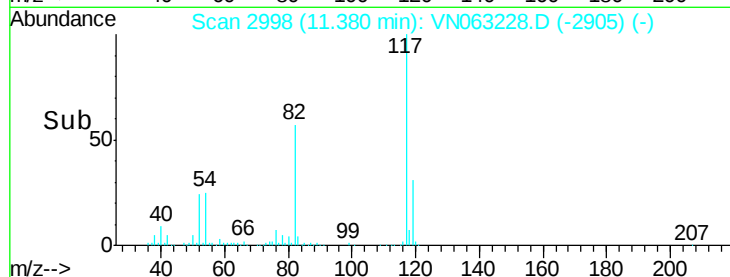
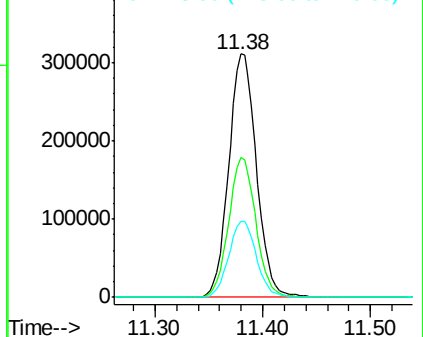
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063228.D
Acq: 3 Sep 2020 18:24

Instrument :
MSVOA_N
ClientSampleId :
SA-MW131I-20200901

Tot Ion:117 Resp: 552731
Ion Ratio Lower Upper
117 100
82 57.2 45.4 68.0
119 31.1 24.6 37.0

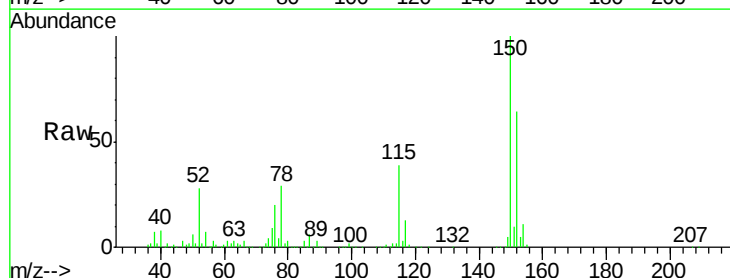


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3602
Delta R.T. 0.00 min
Lab File: VN063228.D
Acq: 3 Sep 2020 18:24

Tgt Ion:152 Resp: 210342
Ion Ratio Lower Upper
152 100
115 61.2 32.0 96.2
150 158.2 0.0 353.0



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

