

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063506.D
 Acq On : 22 Sep 2020 00:29
 Operator : JC/MD
 Sample : L4082-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB01-20200915

Quant Time: Sep 22 05:29:23 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	222731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	406386	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	395227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	173400	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	175583	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	
35) Dibromofluoromethane	7.55	113	131749	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	
50) Toluene-d8	10.06	98	520915	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
62) 4-Bromofluorobenzene	12.38	95	202505	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	

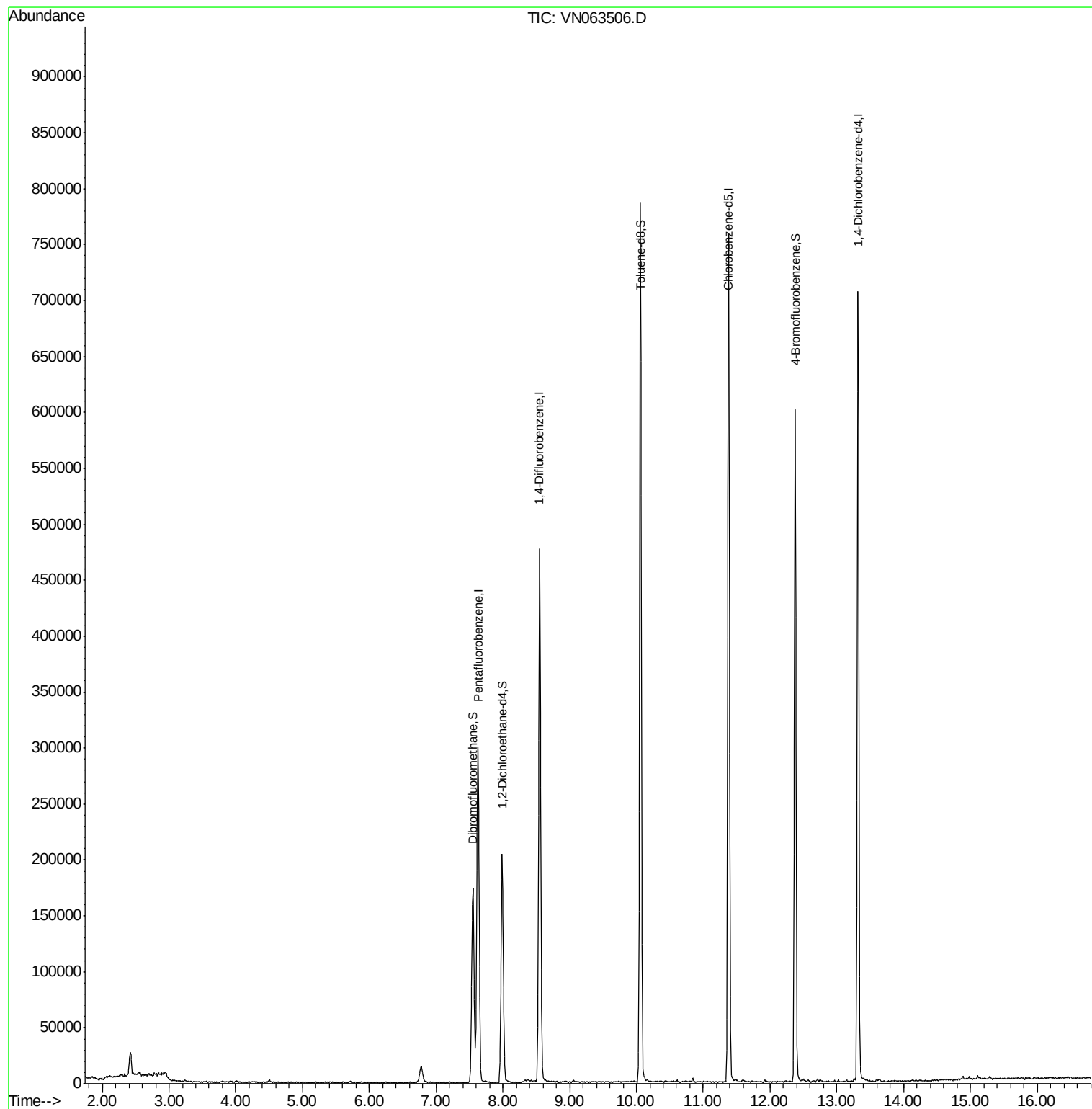
Target Compounds	Qvalue
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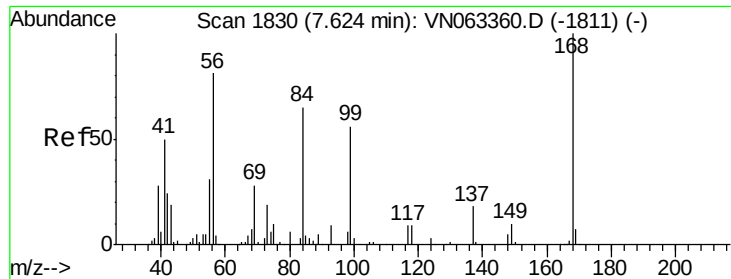
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN063506.D

Acq: 22 Sep 2020 00:29

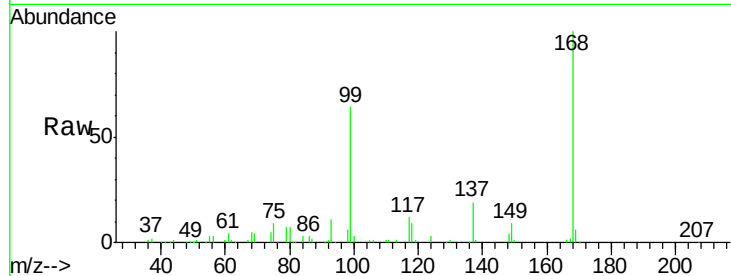
Instrument :
MSVOA_N
ClientSampleId :
TB01-20200915

Tot Ion:168 Resp: 222731

Ion Ratio Lower Upper

168 100

99 64.2 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

100000

80000

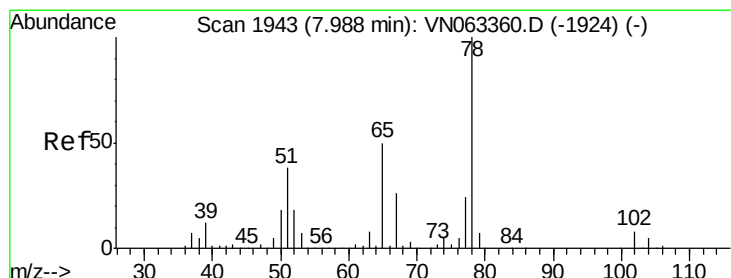
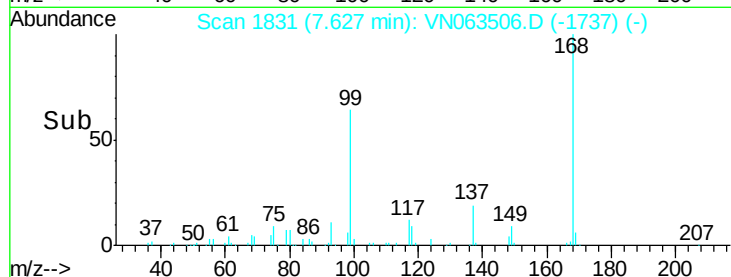
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 46.310 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063506.D

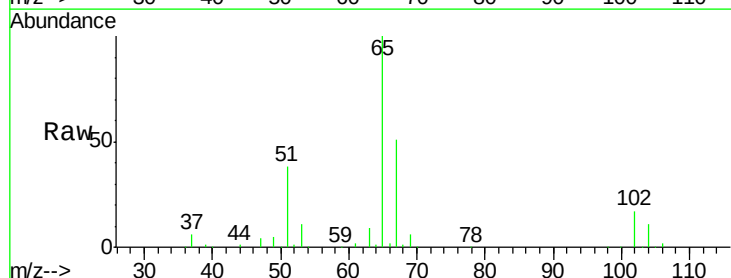
Acq: 22 Sep 2020 00:29

Tgt Ion: 65 Resp: 175583

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

80000

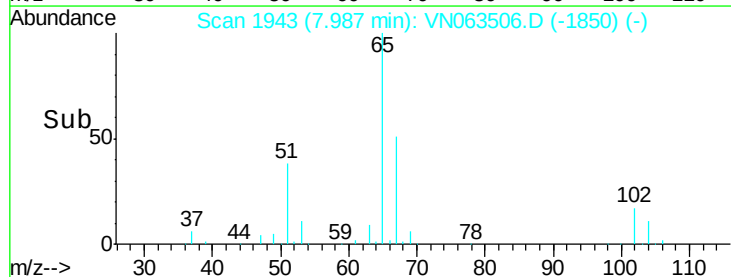
60000

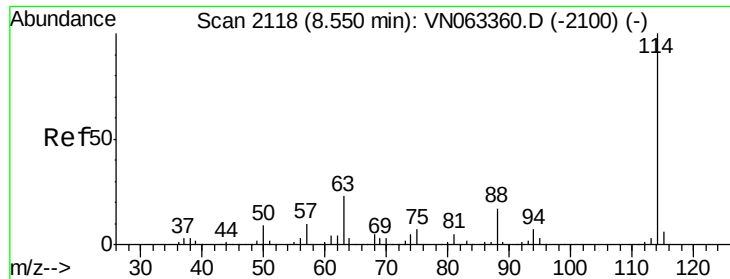
40000

20000

0

Time--> 7.90 8.00 8.10

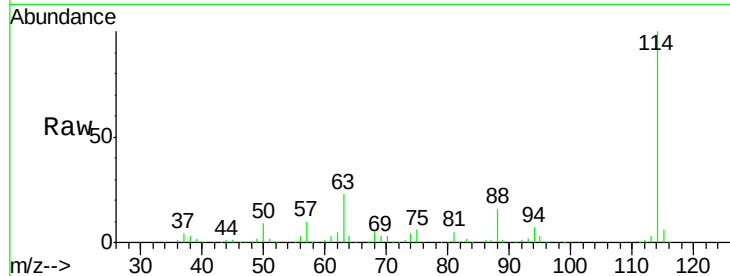




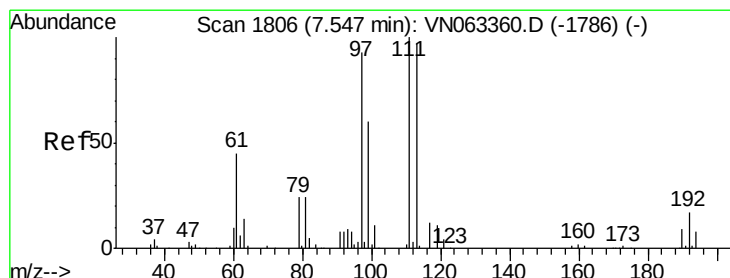
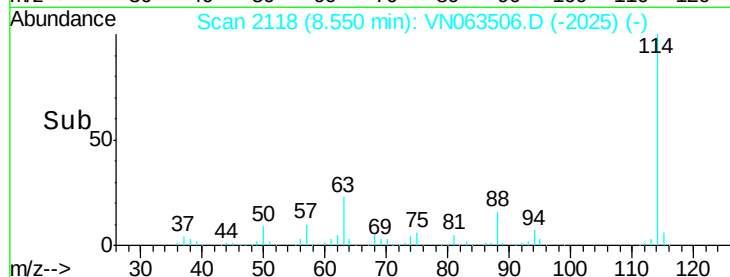
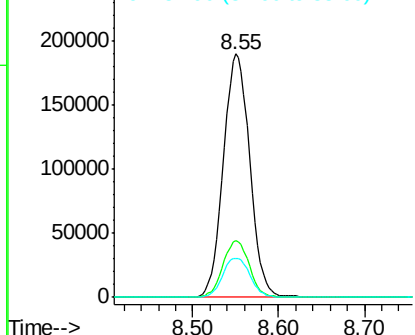
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN063506.D
Acq: 22 Sep 2020 00:29

Instrument :
MSVOA_N
ClientSampleId :
TB01-20200915

Tot Ion:114 Resp: 406386
Ion Ratio Lower Upper
114 100
63 23.2 0.0 46.4
88 16.2 0.0 33.2

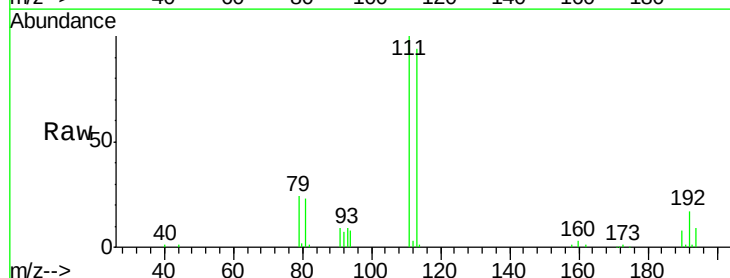


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

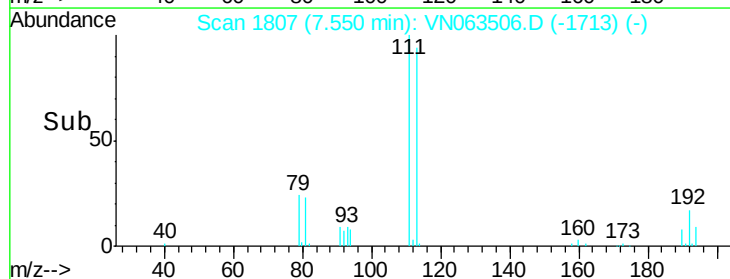
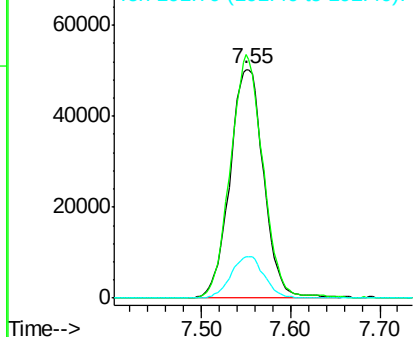


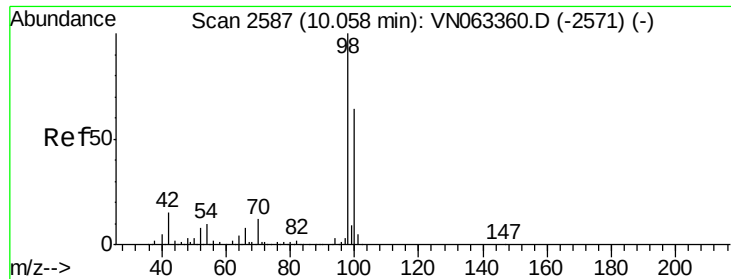
#35
Dibromofluoromethane
Concen: 46.830 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063506.D
Acq: 22 Sep 2020 00:29

Tgt Ion:113 Resp: 131749
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 17.9 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: 49.242 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063506.D

Acq: 22 Sep 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

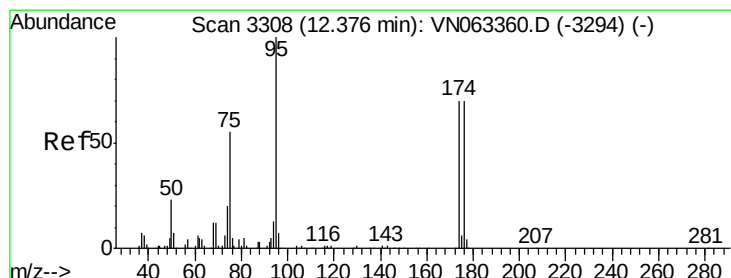
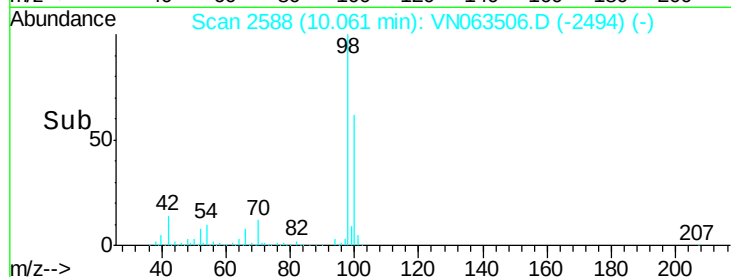
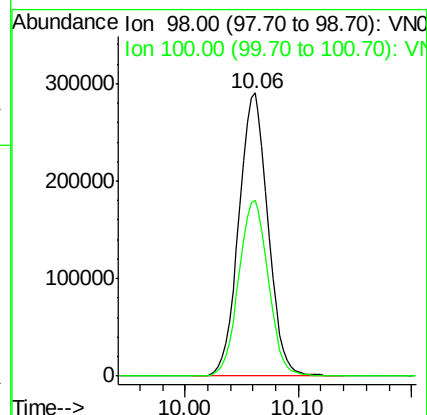
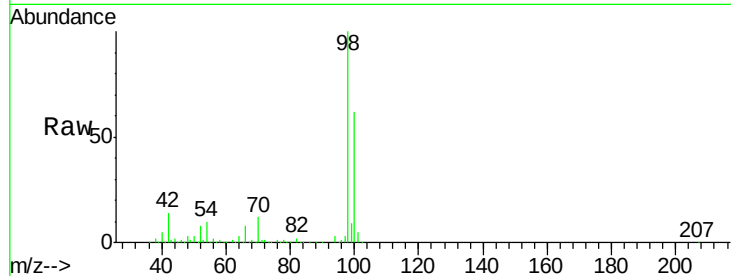
TB01-20200915

Tot Ion: 98 Resp: 520915

Ion Ratio Lower Upper

98 100

100 63.1 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 52.220 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063506.D

Acq: 22 Sep 2020 00:29

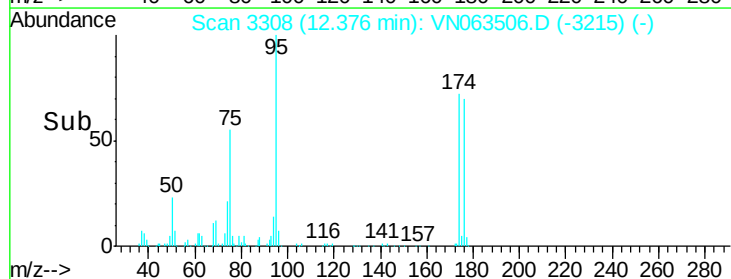
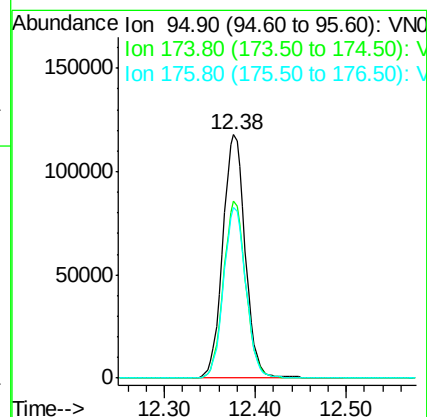
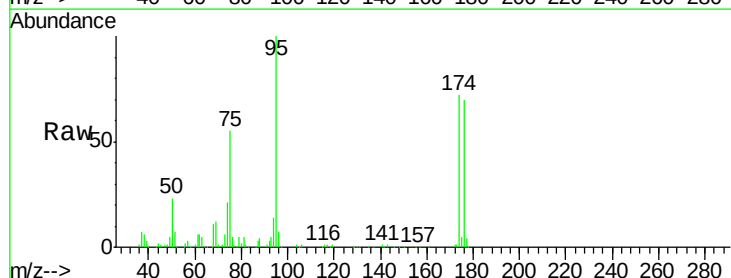
Tgt Ion: 95 Resp: 202505

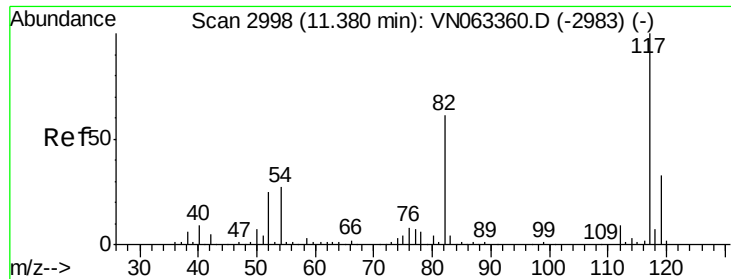
Ion Ratio Lower Upper

95 100

174 71.6 0.0 140.8

176 69.4 0.0 137.6

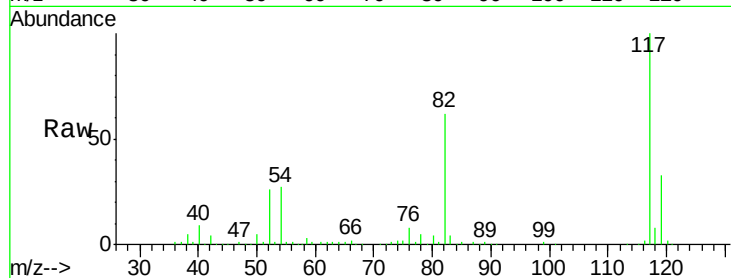




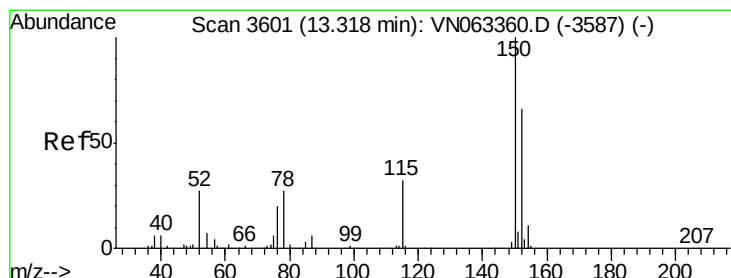
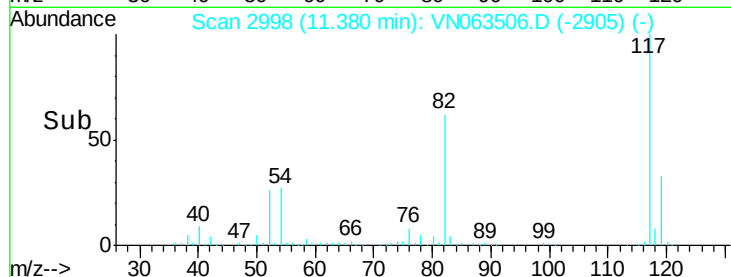
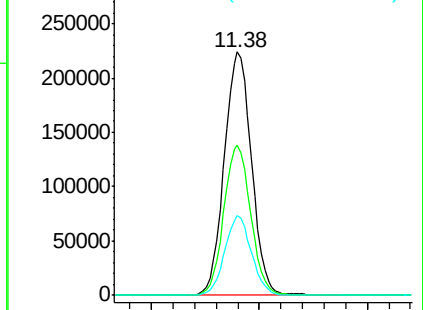
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063506.D
Acq: 22 Sep 2020 00:29

Instrument :
MSVOA_N
ClientSampleId :
TB01-20200915

Tot Ion:117 Resp: 395227
Ion Ratio Lower Upper
117 100
82 61.8 49.2 73.8
119 32.5 26.2 39.4

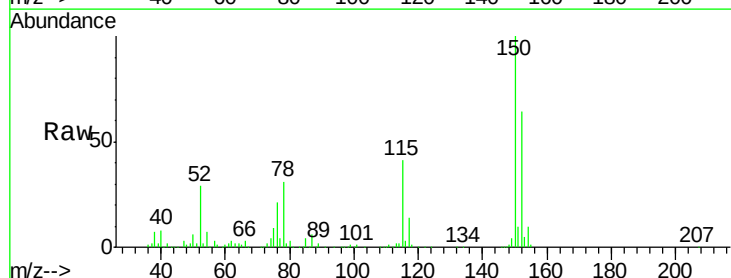


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063506.D
Acq: 22 Sep 2020 00:29

Tgt Ion:152 Resp: 173400
Ion Ratio Lower Upper
152 100
115 63.5 32.2 96.6
150 156.3 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

