

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101520\
 Data File : VN064149.D
 Acq On : 15 Oct 2020 17:31
 Operator : JC/MD
 Sample : L4217-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-01-101220

Quant Time: Oct 16 15:19:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 15 01:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	278253	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	537623	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	563964	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	203519	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	225618	56.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.86%	
35) Dibromofluoromethane	7.55	113	187825	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	10.06	98	692220	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
62) 4-Bromofluorobenzene	12.38	95	242085	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	

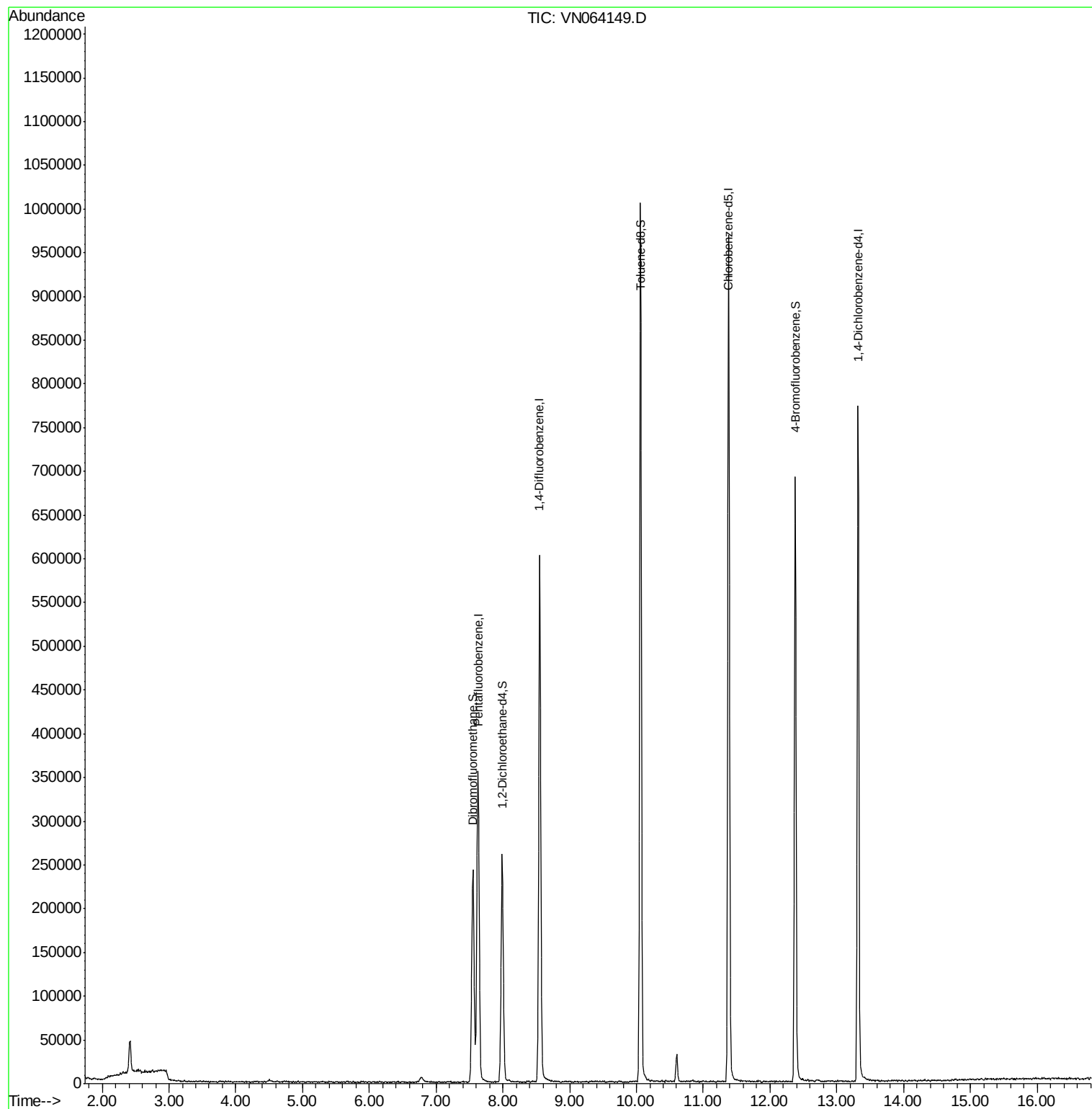
Target Compounds	Qvalue

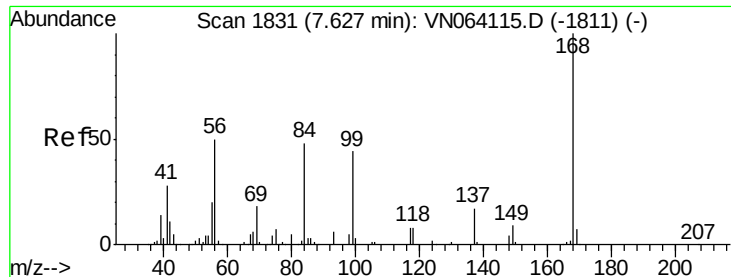
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064149.D

Acq: 15 Oct 2020 17:31

Instrument :

MSVOA_N

ClientSampleId :

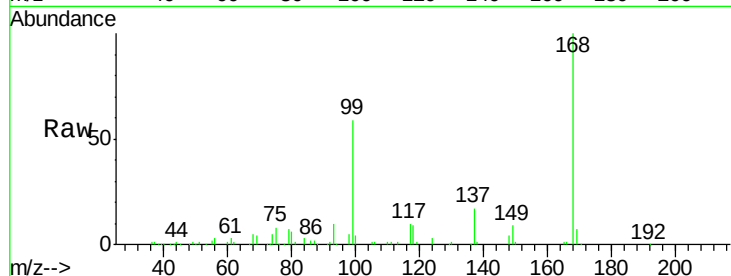
HR-01-101220

Tot Ion:168 Resp: 278253

Ion Ratio Lower Upper

168 100

99 58.6 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

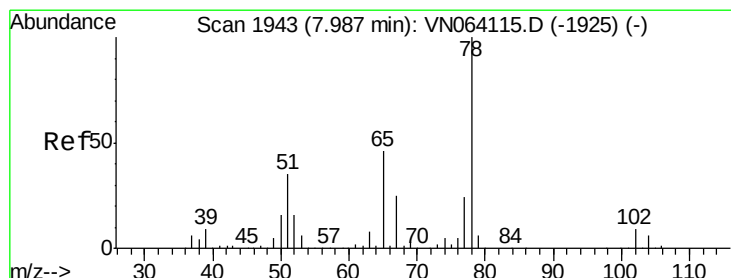
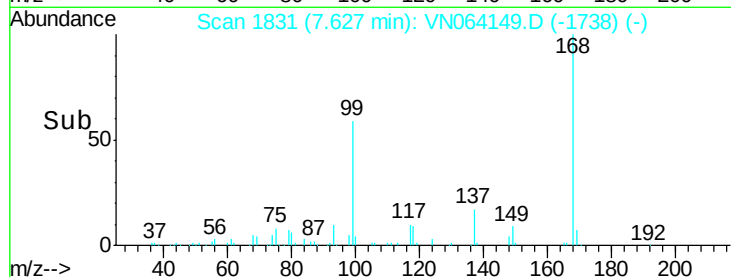
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 56.933 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN064149.D

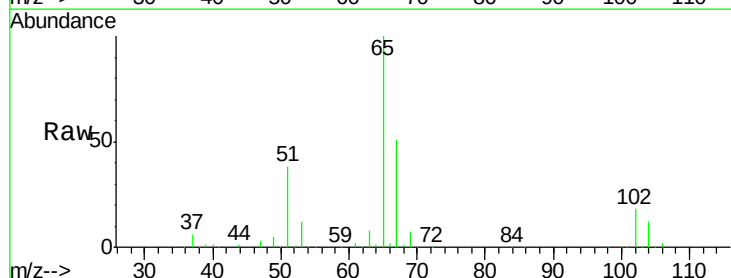
Acq: 15 Oct 2020 17:31

Tgt Ion: 65 Resp: 225618

Ion Ratio Lower Upper

65 100

67 51.9 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

100000

80000

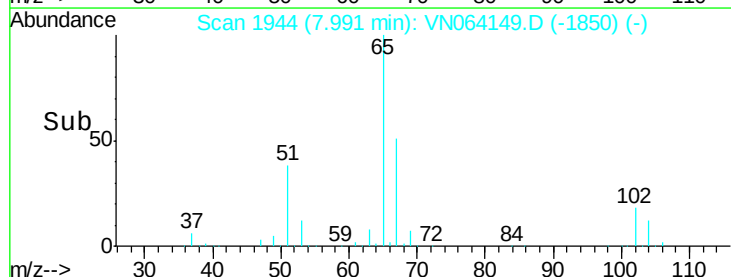
60000

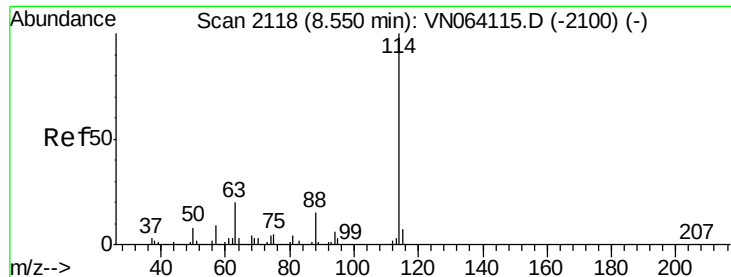
40000

20000

0

Time--> 7.90 8.00 8.10

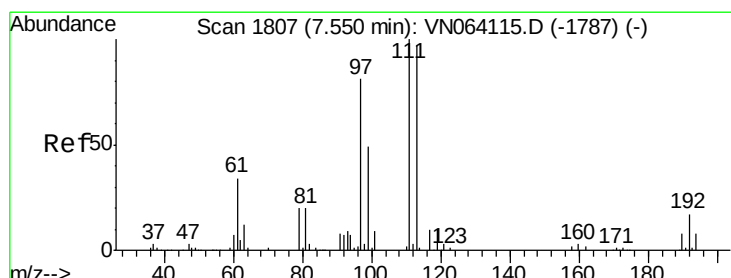
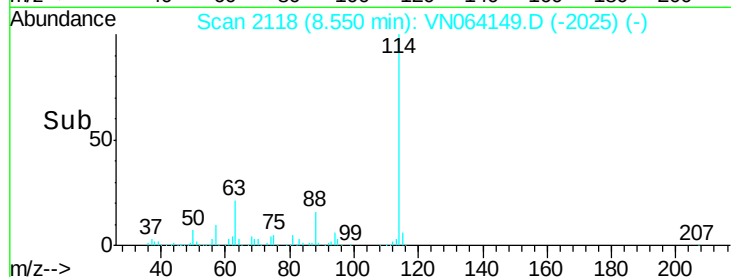
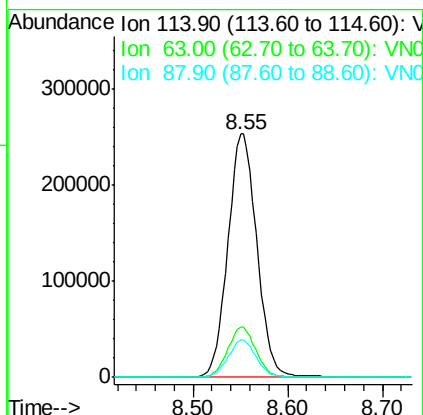
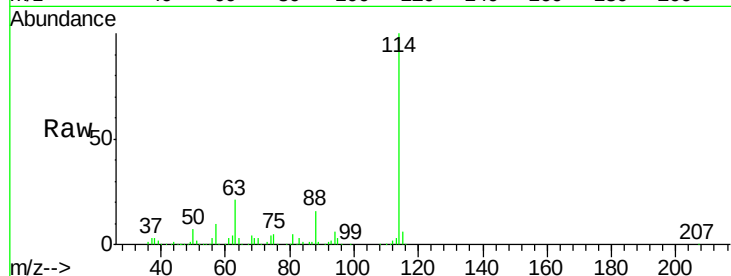




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064149.D
 Acq: 15 Oct 2020 17:31

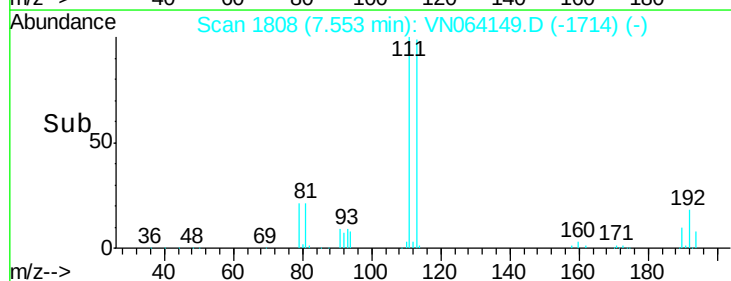
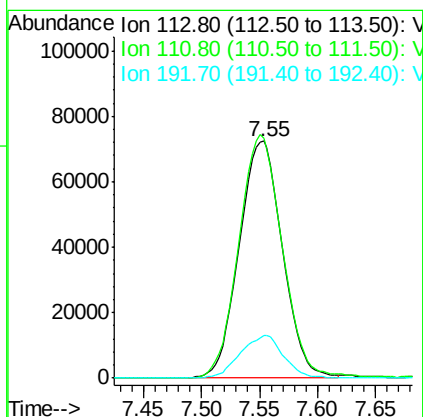
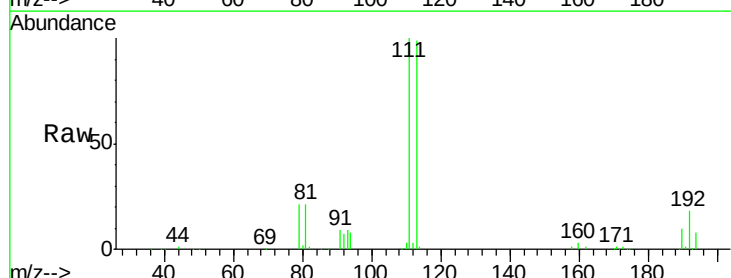
Instrument :
 MSVOA_N
 ClientSampleId :
 HR-01-101220

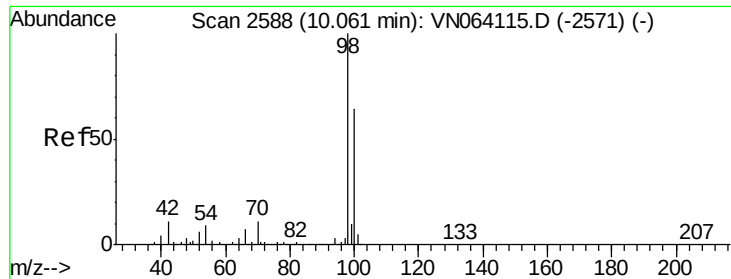
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	41.0
88	15.6	0.0	29.2



#35
 Dibromofluoromethane
 Concen: 50.475 ug/l
 RT: 7.55 min Scan# 1808
 Delta R.T. 0.00 min
 Lab File: VN064149.D
 Acq: 15 Oct 2020 17:31

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.9	122.9
192	18.0	14.3	21.5





#50

Toluene-d8

Concen: 49.302 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064149.D

Acq: 15 Oct 2020 17:31

Instrument :

MSVOA_N

ClientSampleId :

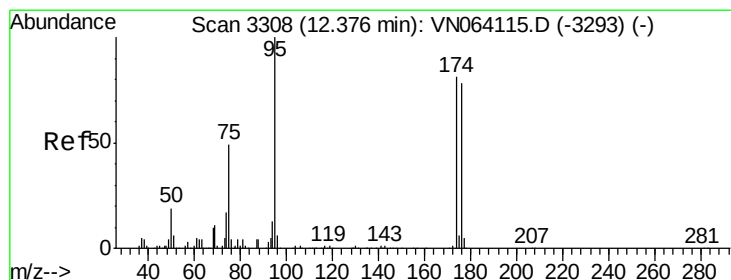
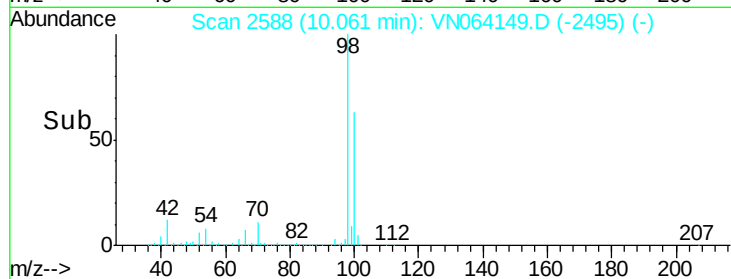
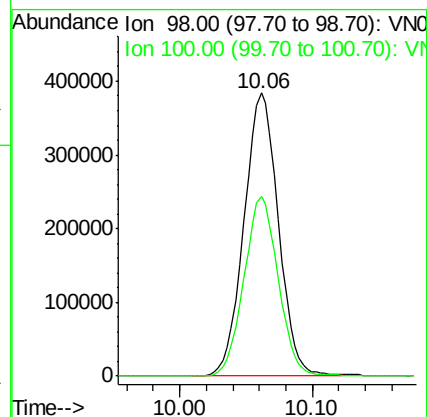
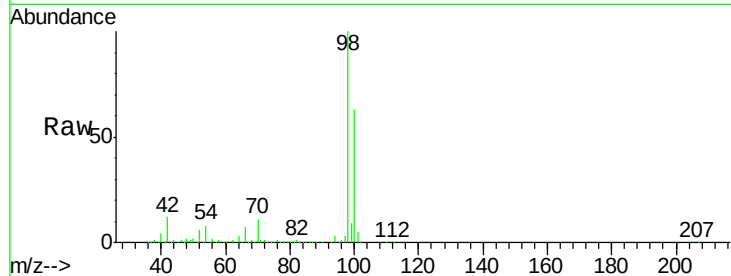
HR-01-101220

Tot Ion: 98 Resp: 692220

Ion Ratio Lower Upper

98 100

100 63.5 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 50.162 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064149.D

Acq: 15 Oct 2020 17:31

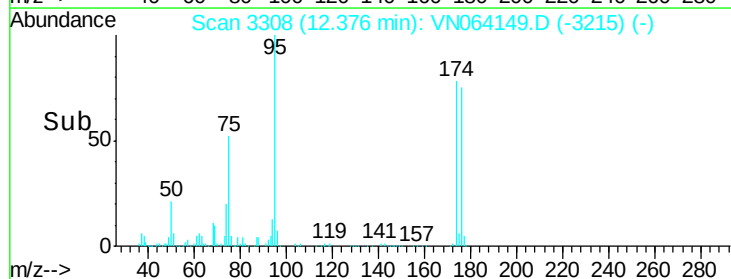
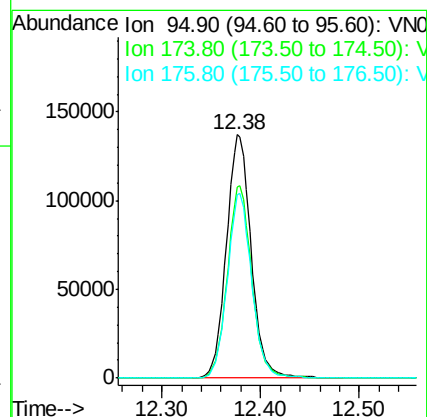
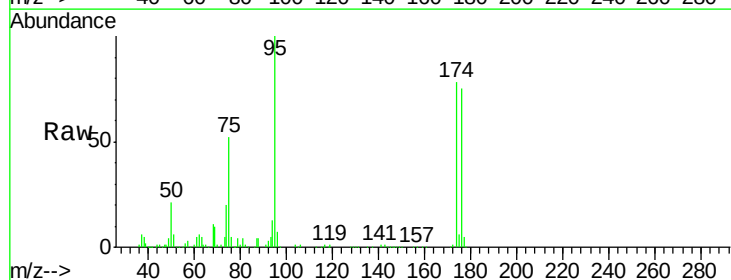
Tgt Ion: 95 Resp: 242085

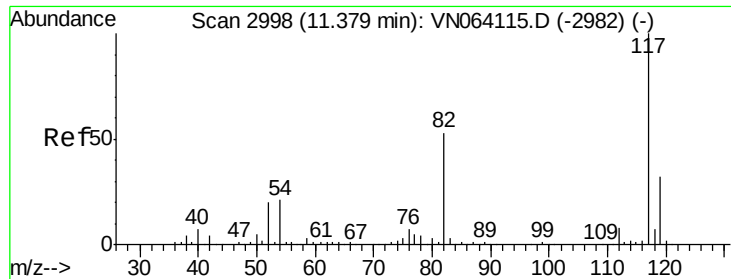
Ion Ratio Lower Upper

95 100

174 77.8 0.0 164.8

176 74.5 0.0 157.8

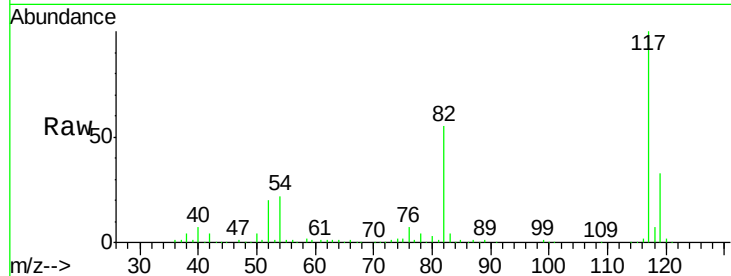




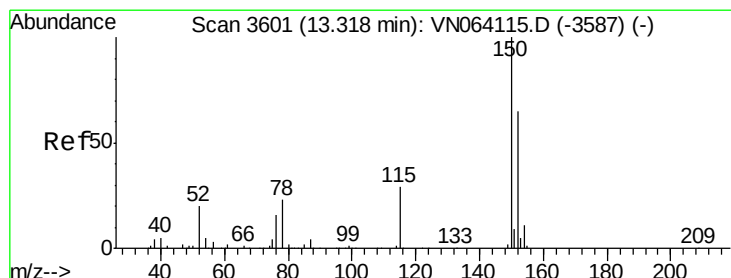
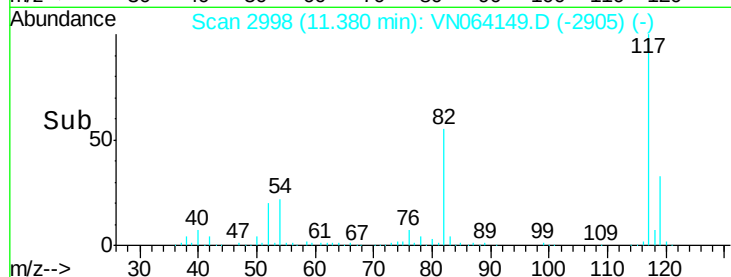
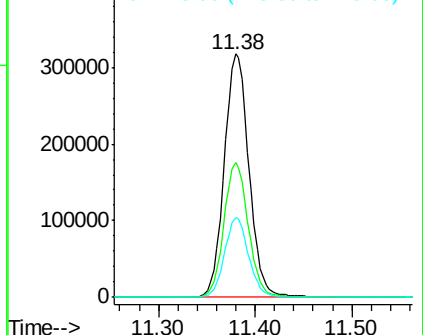
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064149.D
Acq: 15 Oct 2020 17:31

Instrument :
MSVOA_N
ClientSampleId :
HR-01-101220

Tot Ion:117 Resp: 563964
Ion Ratio Lower Upper
117 100
82 55.3 42.6 63.8
119 32.8 25.5 38.3

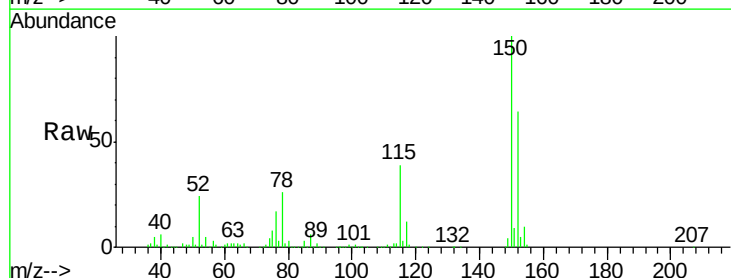


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064149.D
Acq: 15 Oct 2020 17:31

Tgt Ion:152 Resp: 203519
Ion Ratio Lower Upper
152 100
115 61.3 29.3 87.8
150 159.1 0.0 346.0



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

