

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102120\
 Data File : VN064228.D
 Acq On : 21 Oct 2020 17:56
 Operator : JC/MD
 Sample : L4413-01 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30688

Quant Time: Oct 22 02:24:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	273807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	470496	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	472375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	210713	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	208910	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
35) Dibromofluoromethane	7.55	113	158508	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
50) Toluene-d8	10.06	98	593168	52.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.54%	
62) 4-Bromofluorobenzene	12.38	95	257890	56.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.12%	

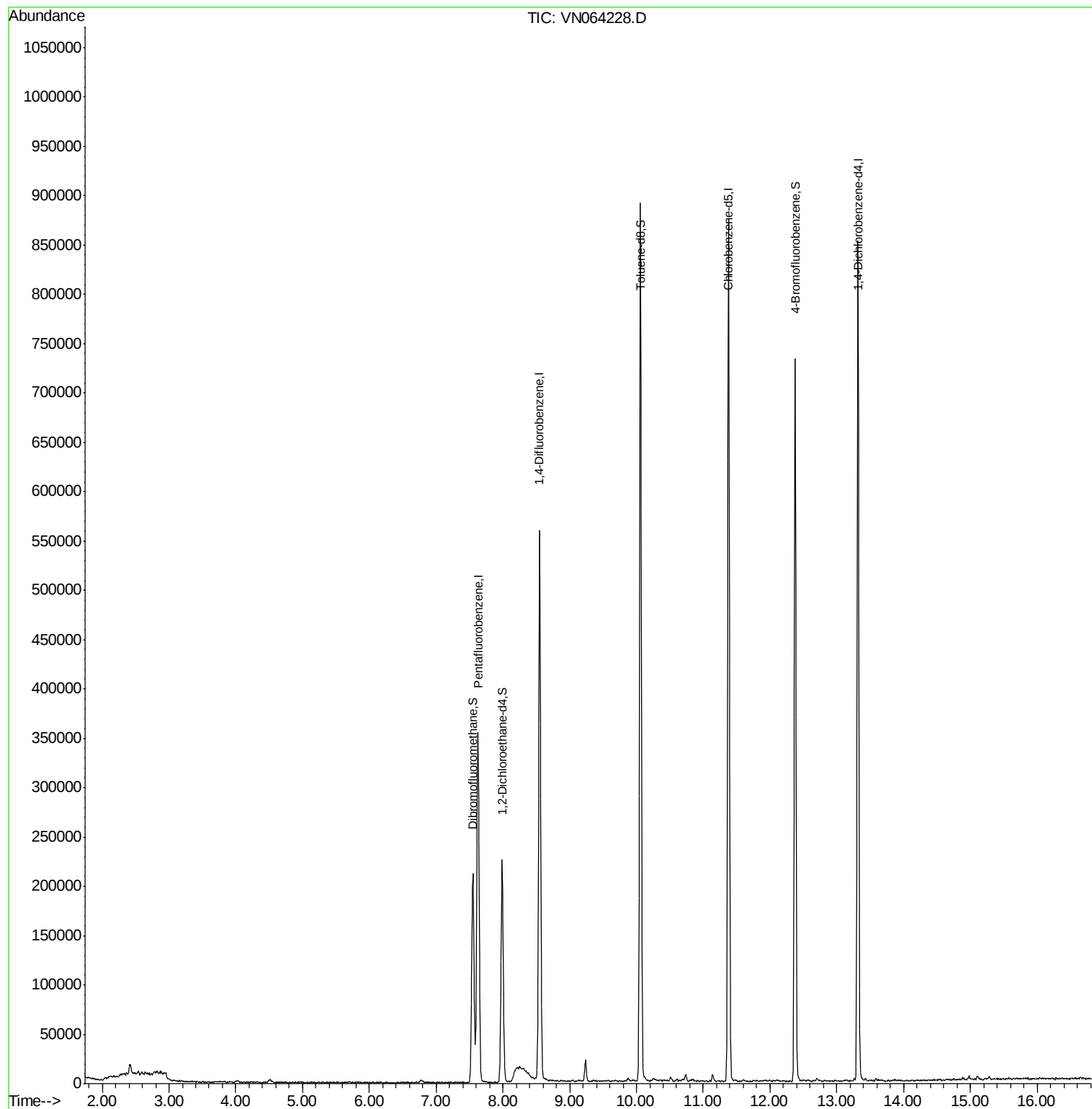
Target Compounds	Qvalue
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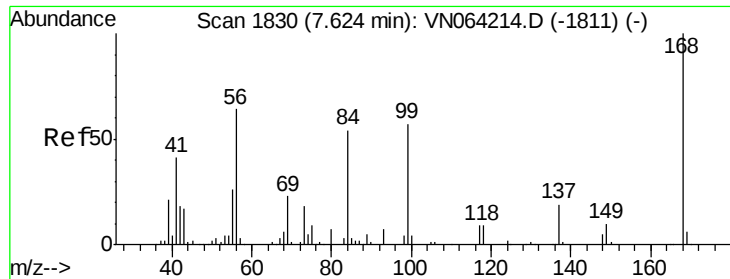
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

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ClientSampleId :

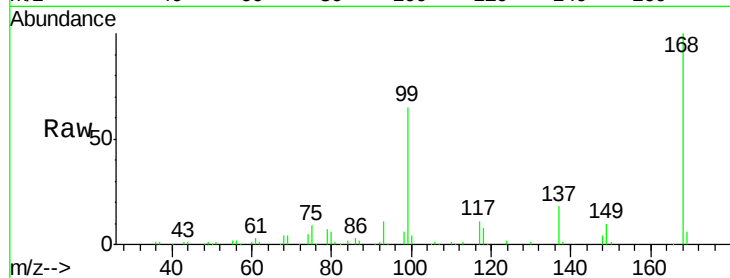
30688

Tot Ion:168 Resp: 273807

Ion Ratio Lower Upper

168 100

99 65.3 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

120000

100000

80000

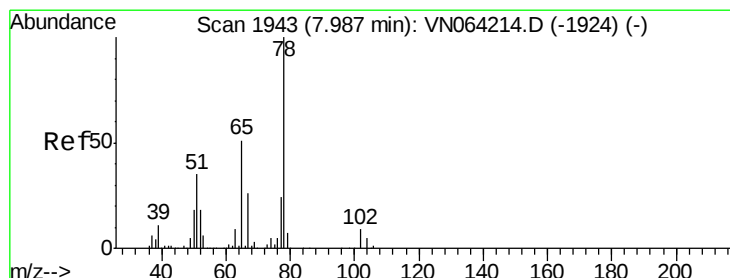
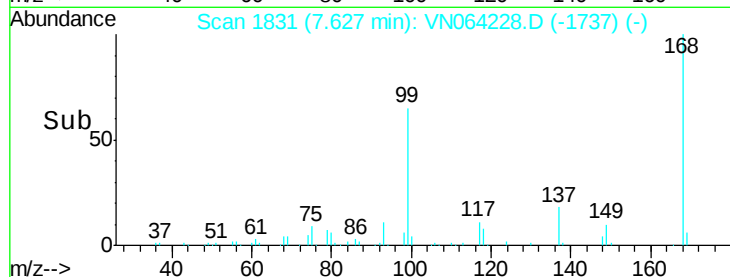
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 51.377 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064228.D

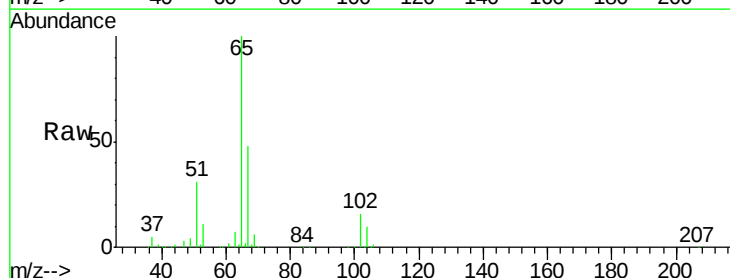
Acq: 21 Oct 2020 17:56

Tgt Ion: 65 Resp: 208910

Ion Ratio Lower Upper

65 100

67 48.2 0.0 100.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

7.99

100000

80000

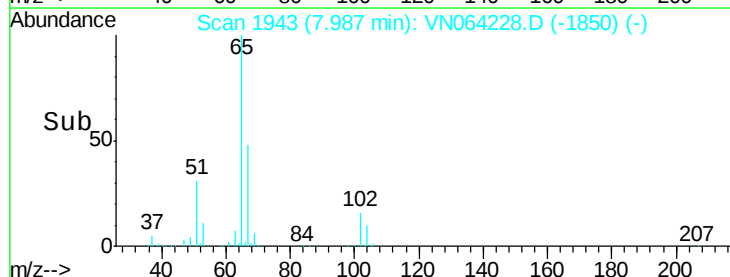
60000

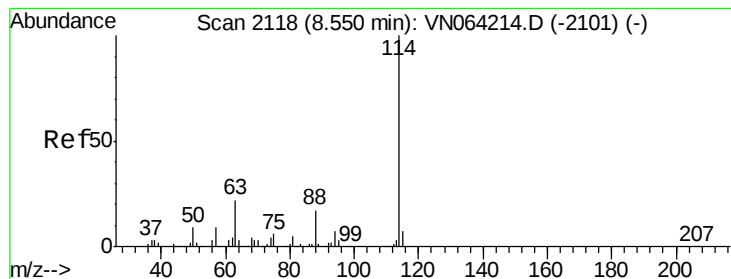
40000

20000

0

Time--> 7.90 7.95 8.00 8.05





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

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30688

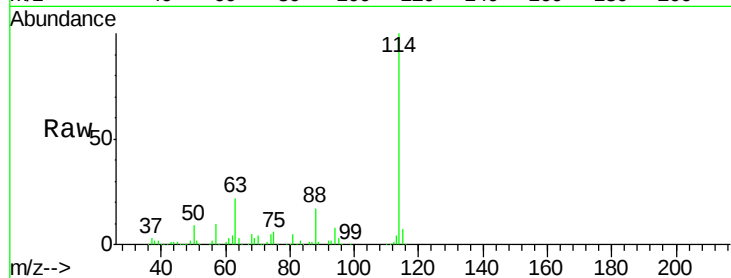
Tot Ion:114 Resp: 470496

Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.0

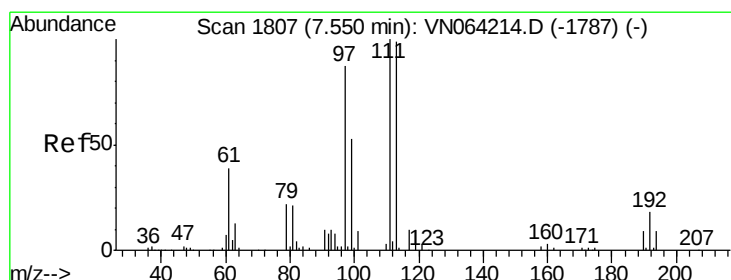
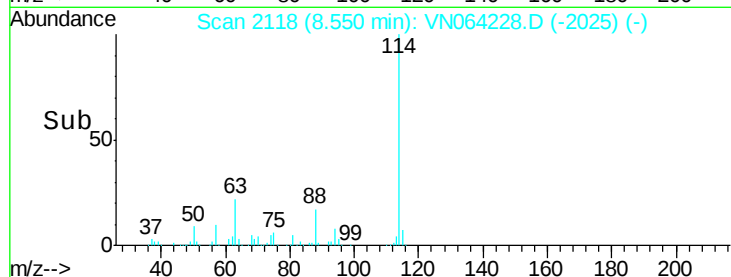
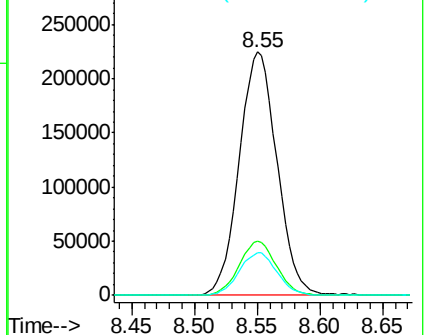
88 17.4 0.0 34.2



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: 50.673 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VN064228.D

Acq: 21 Oct 2020 17:56

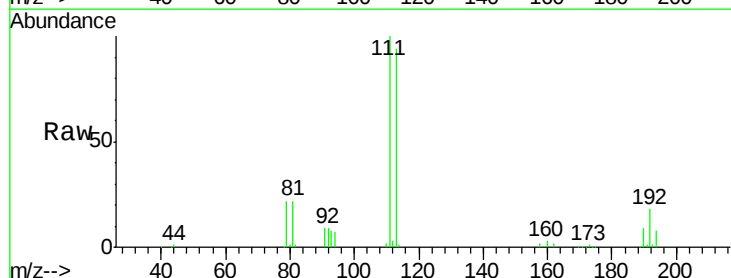
Tgt Ion:113 Resp: 158508

Ion Ratio Lower Upper

113 100

111 101.0 84.2 126.2

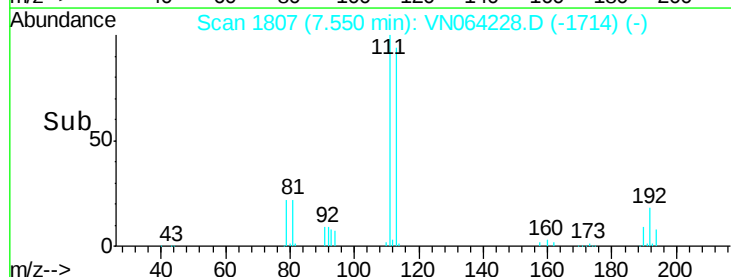
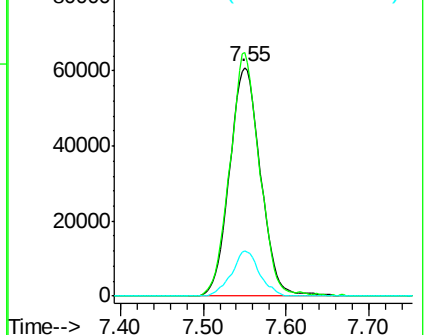
192 17.9 15.2 22.8

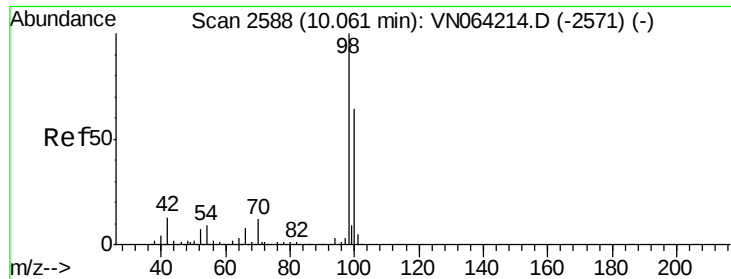


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.275 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. -0.00 min

Lab File: VN064228.D

Acq: 21 Oct 2020 17:56

Instrument :

MSVOA_N

ClientSampleId :

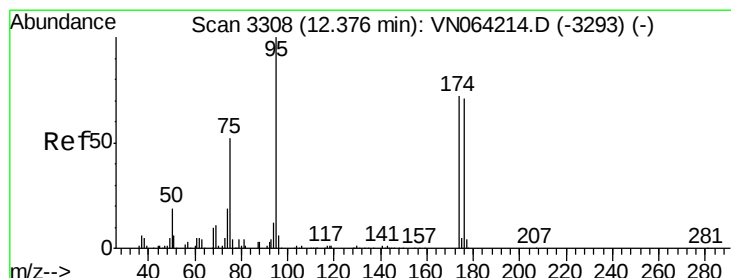
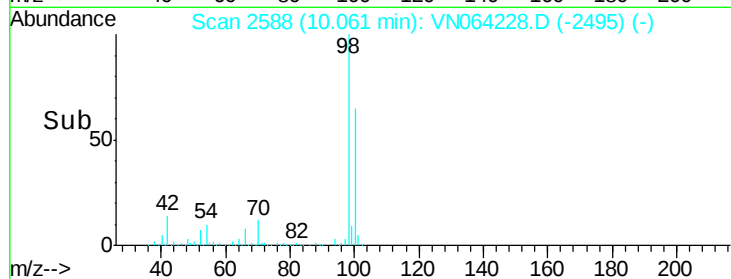
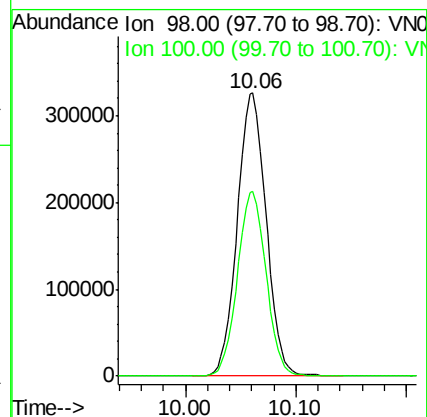
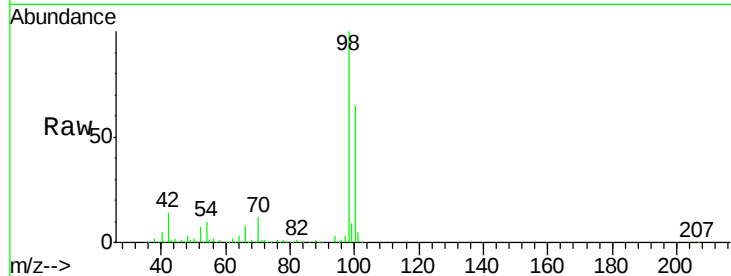
30688

Tot Ion: 98 Resp: 593168

Ion Ratio Lower Upper

98 100

100 64.7 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 56.063 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN064228.D

Acq: 21 Oct 2020 17:56

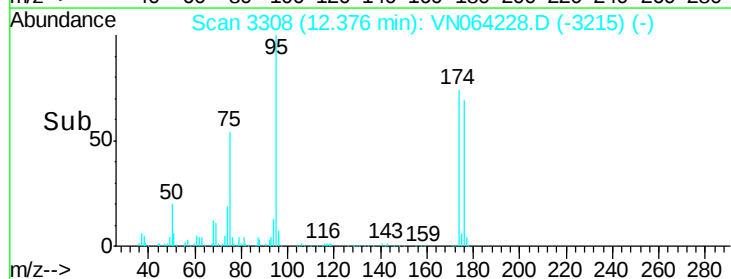
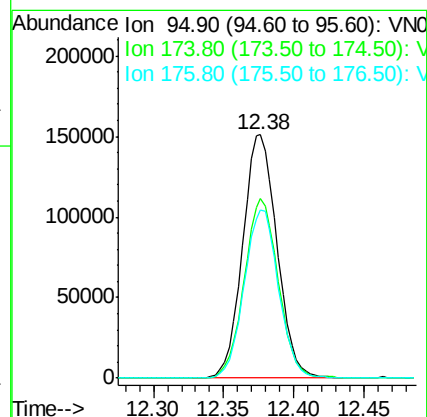
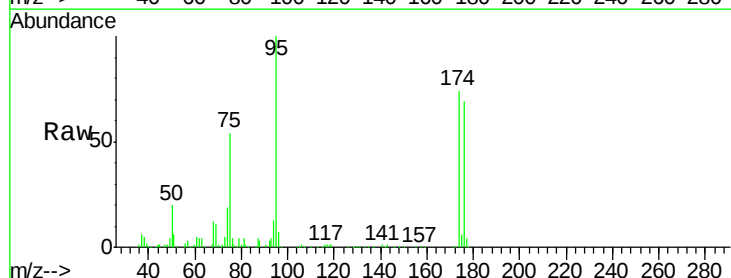
Tgt Ion: 95 Resp: 257890

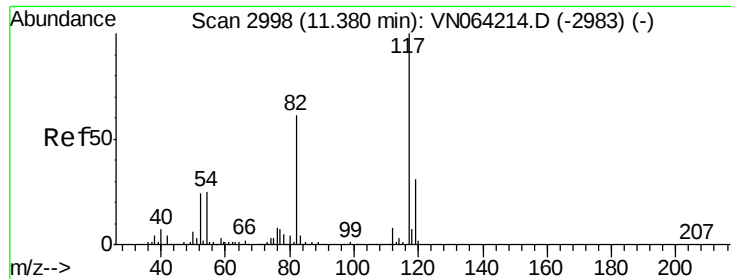
Ion Ratio Lower Upper

95 100

174 73.2 0.0 144.4

176 69.2 0.0 139.2

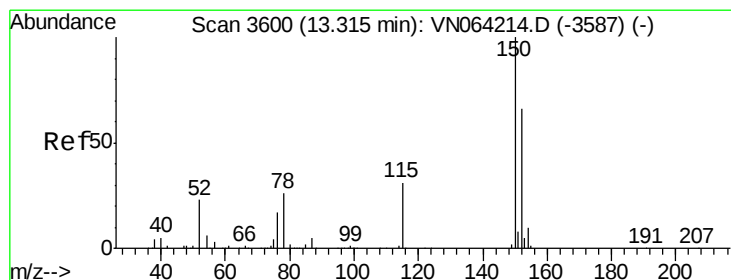
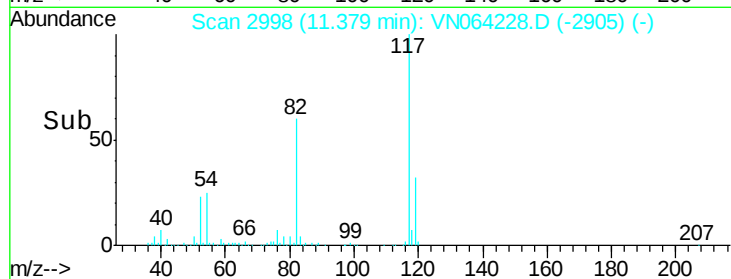
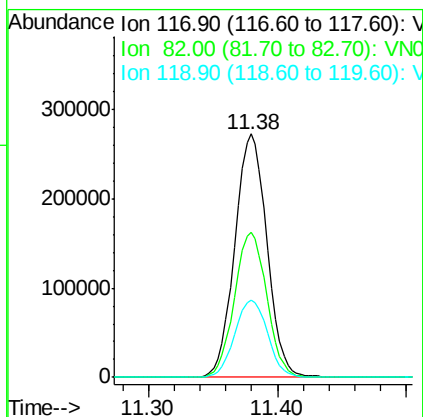
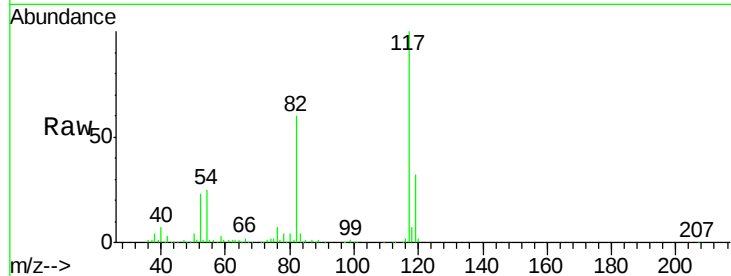




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064228.D
Acq: 21 Oct 2020 17:56

Instrument :
MSVOA_N
ClientSampleId :
30688

Tot Ion:117 Resp: 472375
Ion Ratio Lower Upper
117 100
82 59.8 48.8 73.2
119 31.9 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064228.D
Acq: 21 Oct 2020 17:56

Tgt Ion:152 Resp: 210713
Ion Ratio Lower Upper
152 100
115 65.9 32.0 96.2
150 158.9 0.0 356.6

