

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111020\
 Data File : VN064525.D
 Acq On : 10 Nov 2020 14:59
 Operator : JC/MD
 Sample : L4684-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-EB-20201109

Quant Time: Nov 11 02:48:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	233910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	472138	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	499507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	176581	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	231939	56.93	ug/l	0.00
Spiked Amount			Recovery	=	113.86%	
35) Dibromofluoromethane	7.55	113	173812	54.07	ug/l	0.00
Spiked Amount			Recovery	=	108.14%	
50) Toluene-d8	10.06	98	624598	50.27	ug/l	0.00
Spiked Amount			Recovery	=	100.54%	
62) 4-Bromofluorobenzene	12.38	95	233562	49.71	ug/l	0.00
Spiked Amount			Recovery	=	99.42%	

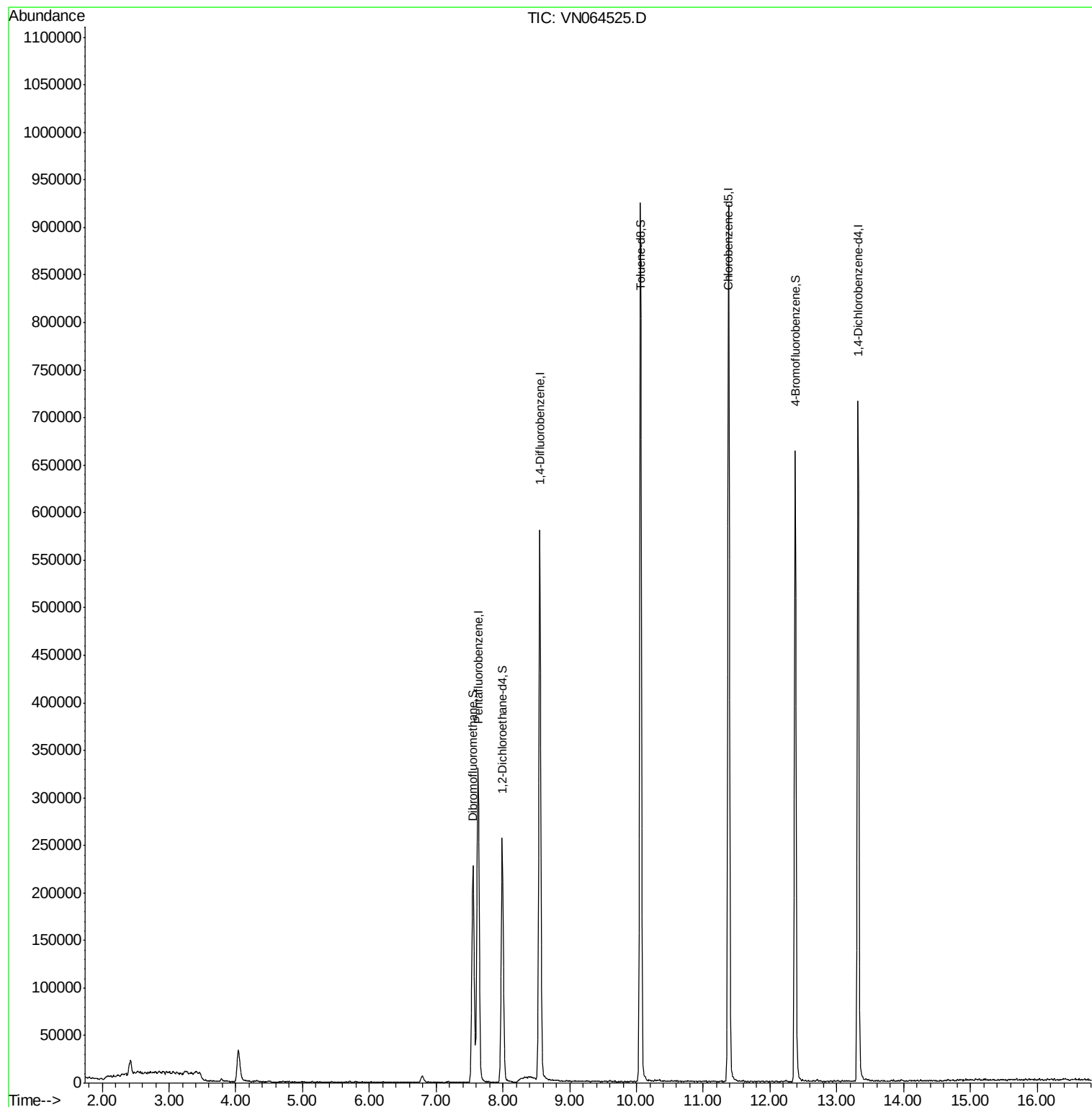
Target Compounds	Qvalue
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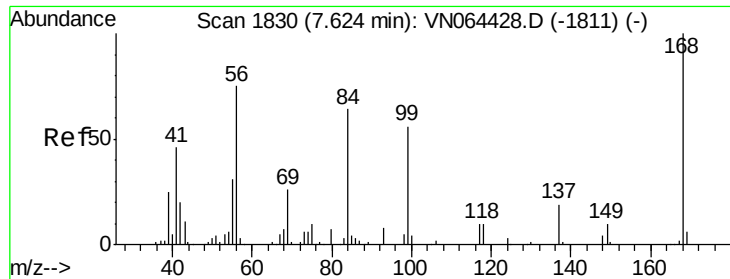
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN064525.D

Acq: 10 Nov 2020 14:59

Instrument :

MSVOA_N

ClientSampleId :

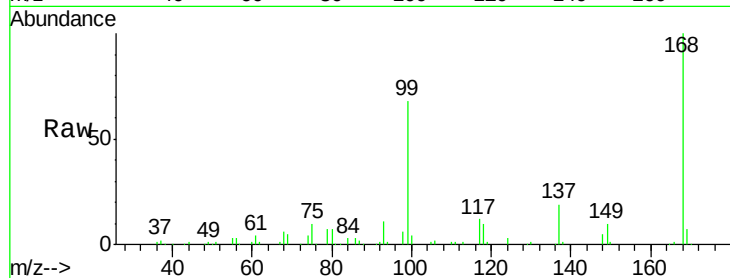
BP-VPB178-EB-20201109

Tot Ion:168 Resp: 233910

Ion Ratio Lower Upper

168 100

99 68.0 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

100000

80000

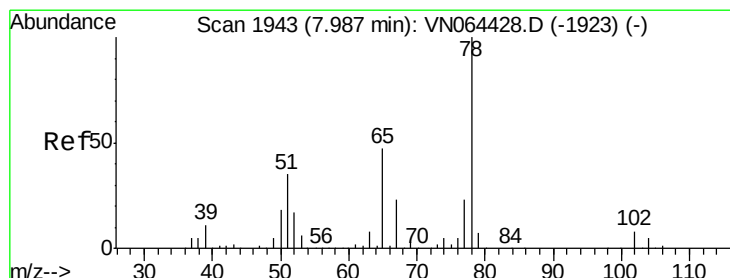
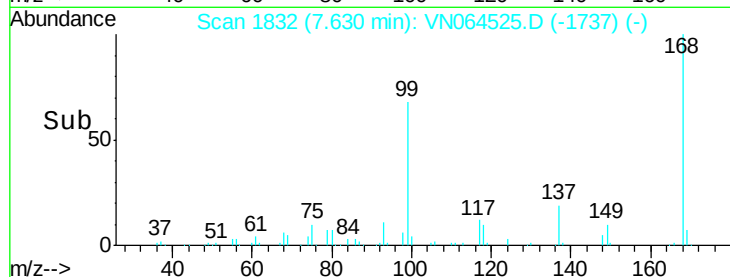
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 56.927 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN064525.D

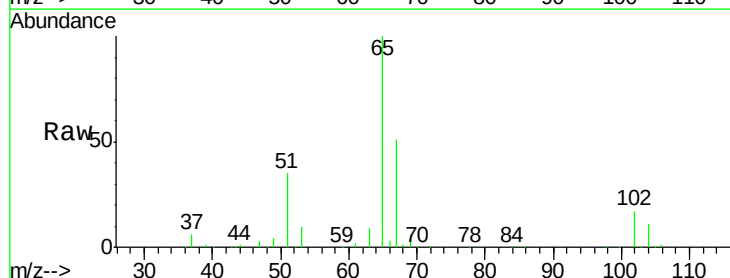
Acq: 10 Nov 2020 14:59

Tgt Ion: 65 Resp: 231939

Ion Ratio Lower Upper

65 100

67 49.9 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

100000

80000

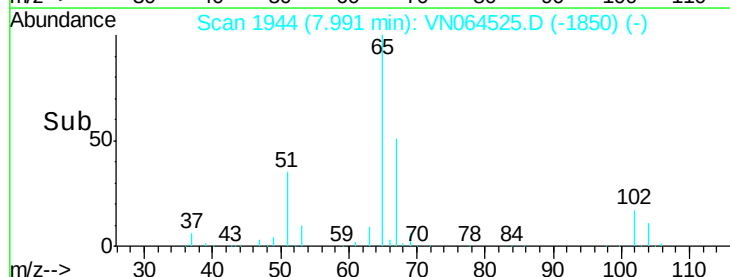
60000

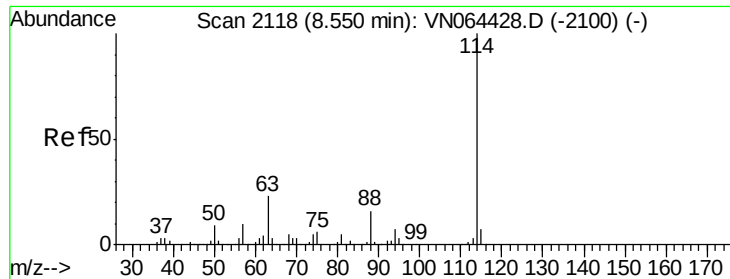
40000

20000

0

Time--> 7.90 8.00 8.10

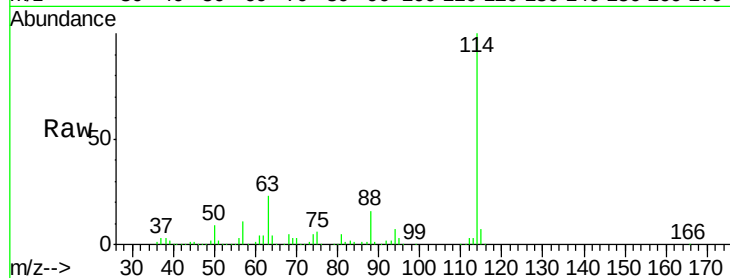




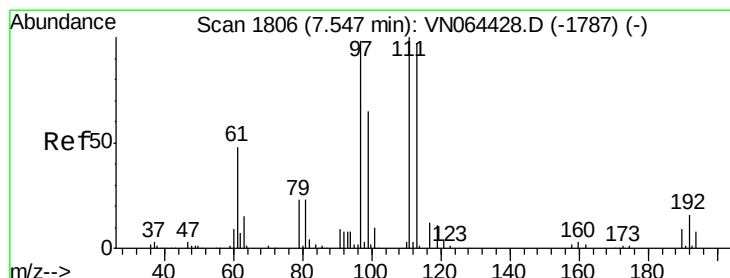
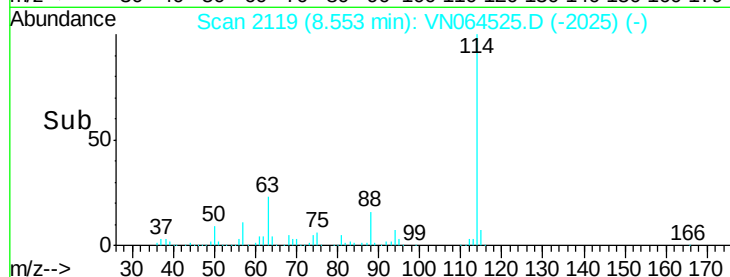
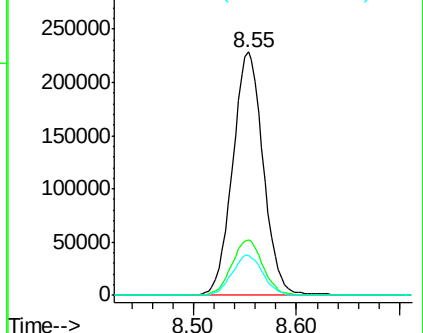
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN064525.D
 Acq: 10 Nov 2020 14:59

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-EB-20201109

Tot Ion:114 Resp: 472138
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 45.6
 88 16.4 0.0 32.8

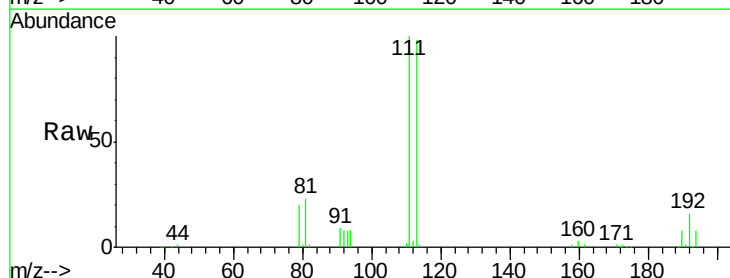


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

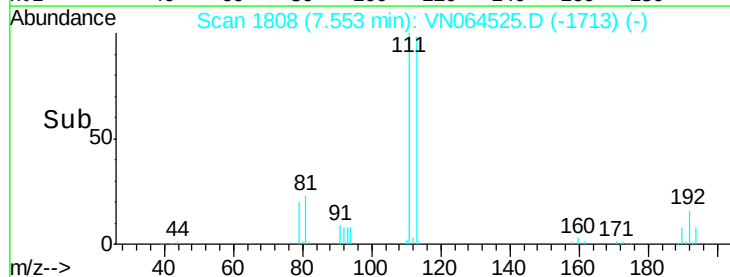
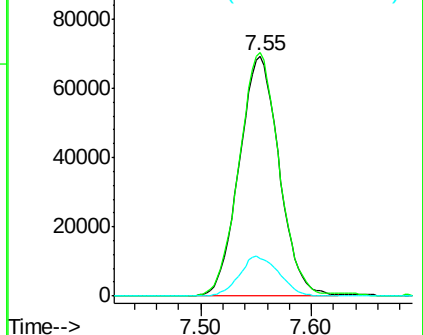


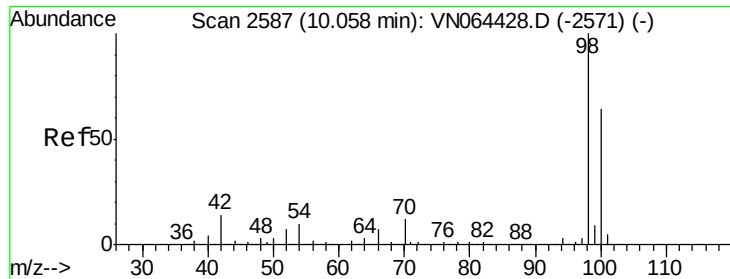
#35
 Dibromofluoromethane
 Concen: 54.069 ug/l
 RT: 7.55 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VN064525.D
 Acq: 10 Nov 2020 14:59

Tgt Ion:113 Resp: 173812
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.1 121.7
 192 16.5 12.8 19.2



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: 50.272 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064525.D

Acq: 10 Nov 2020 14:59

Instrument :

MSVOA_N

ClientSampleId :

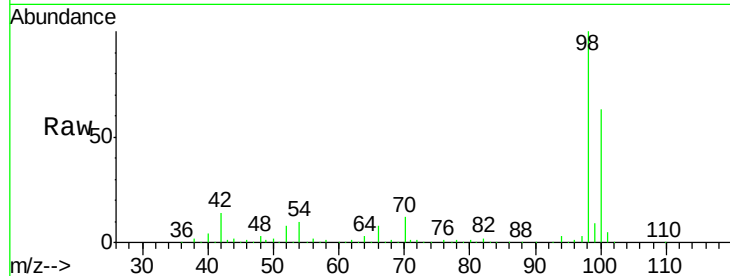
BP-VPB178-EB-20201109

Tot Ion: 98 Resp: 624598

Ion Ratio Lower Upper

98 100

100 62.0 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN064428.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064428.D (-2571) (-)

10.06

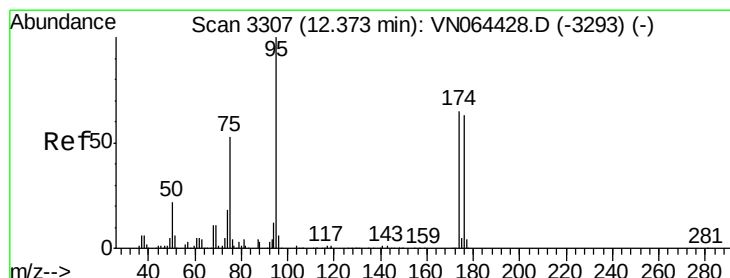
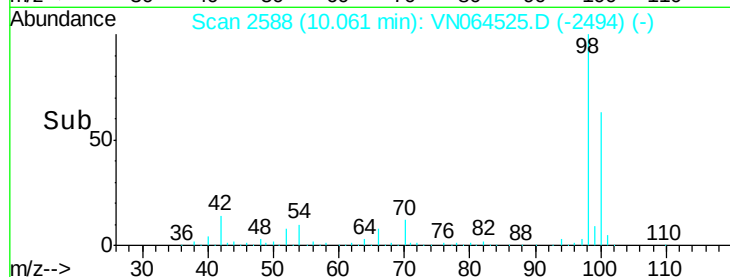
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.707 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064525.D

Acq: 10 Nov 2020 14:59

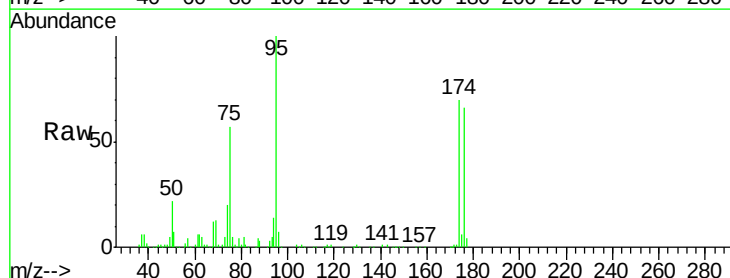
Tgt Ion: 95 Resp: 233562

Ion Ratio Lower Upper

95 100

174 68.3 0.0 132.6

176 65.0 0.0 129.2



Abundance Ion 94.90 (94.60 to 95.60): VN064428.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN064428.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN064428.D (-3293) (-)

12.38

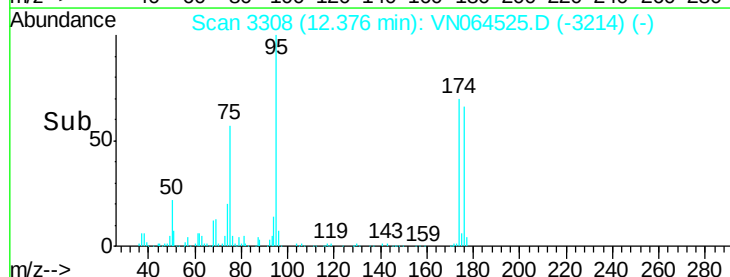
150000

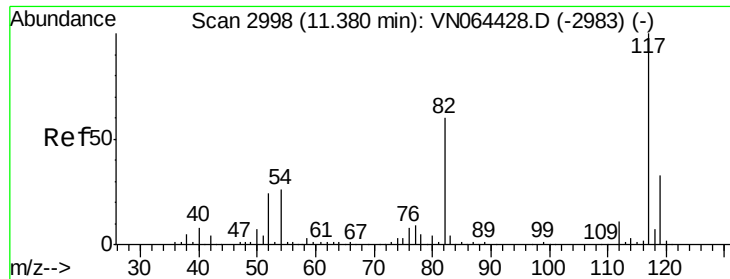
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN064525.D

Acq: 10 Nov 2020 14:59

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-EB-20201109

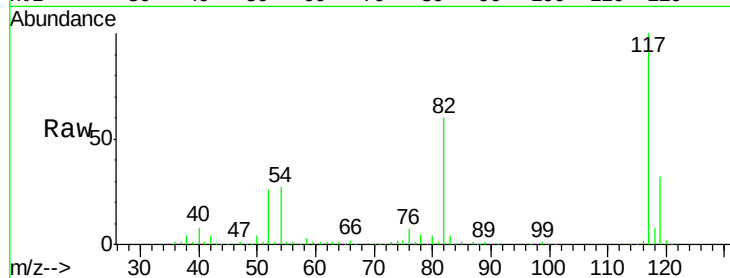
Tot Ion:117 Resp: 499507

Ion Ratio Lower Upper

117 100

82 60.5 48.1 72.1

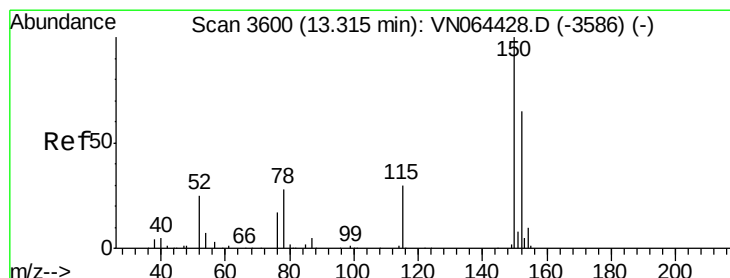
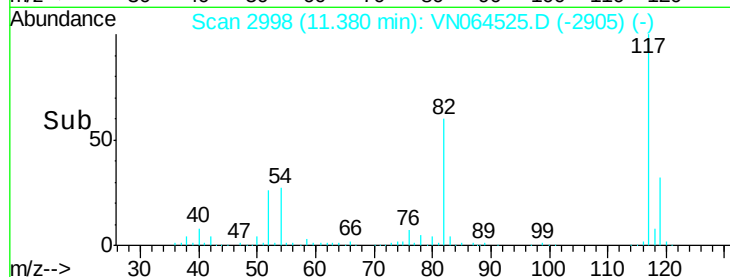
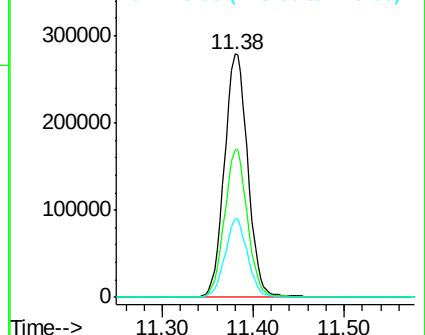
119 32.3 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

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: VN064525.D

Acq: 10 Nov 2020 14:59

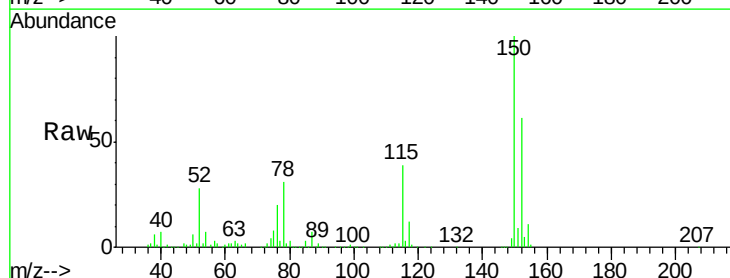
Tgt Ion:152 Resp: 176581

Ion Ratio Lower Upper

152 100

115 65.6 32.0 96.0

150 160.5 0.0 353.8



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

