

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111320\
 Data File : VN064633.D
 Acq On : 13 Nov 2020 15:49
 Operator : JC/MD
 Sample : L4747-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-638-640

Quant Time: Nov 17 02:52:01 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	216525	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	471358	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	472142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	170582	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	224978	59.65	ug/l	0.00
Spiked Amount			Recovery	=	119.30%	
35) Dibromofluoromethane	7.55	113	163941	51.08	ug/l	0.00
Spiked Amount			Recovery	=	102.16%	
50) Toluene-d8	10.06	98	592124	47.74	ug/l	0.00
Spiked Amount			Recovery	=	95.48%	
62) 4-Bromofluorobenzene	12.38	95	214443	45.71	ug/l	0.00
Spiked Amount			Recovery	=	91.42%	

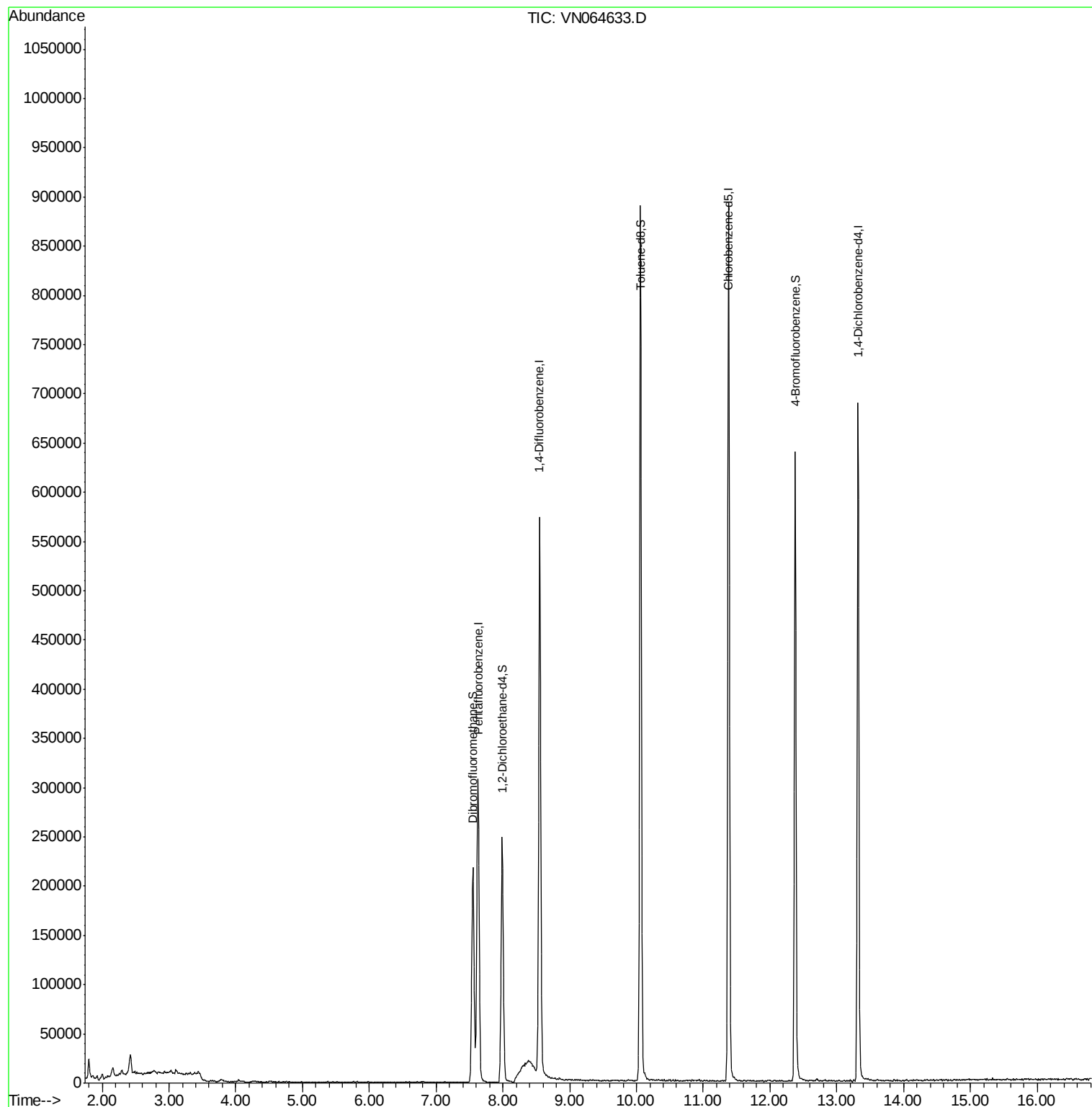
Target Compounds	Qvalue
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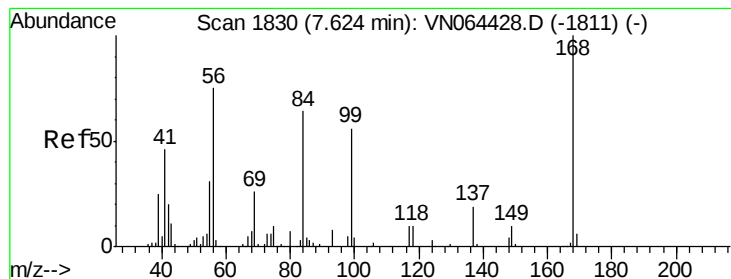
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064633.D

Acq: 13 Nov 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

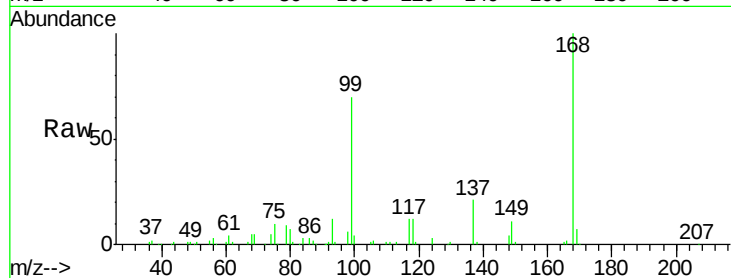
BP-VPB178-GW-638-640

Tot Ion:168 Resp: 216525

Ion Ratio Lower Upper

168 100

99 69.9 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

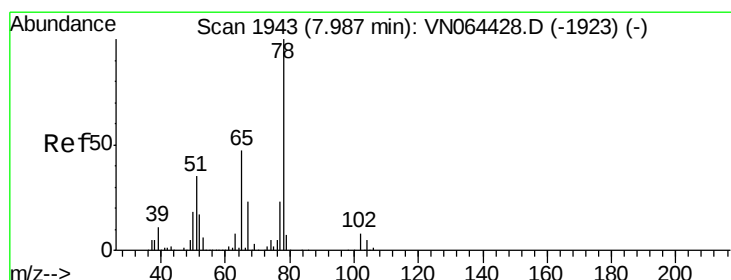
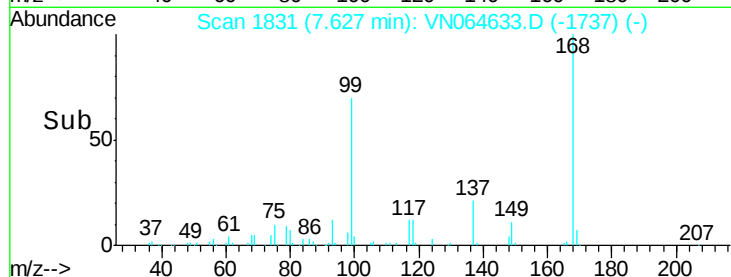
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 59.652 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN064633.D

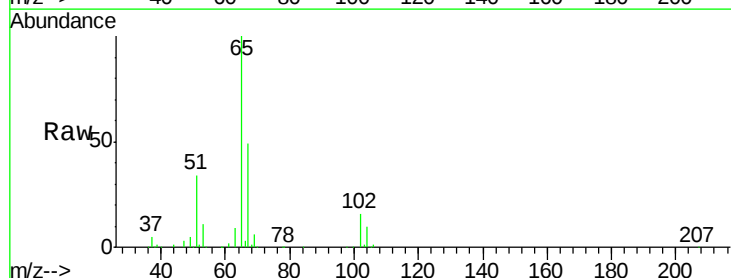
Acq: 13 Nov 2020 15:49

Tgt Ion: 65 Resp: 224978

Ion Ratio Lower Upper

65 100

67 48.5 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

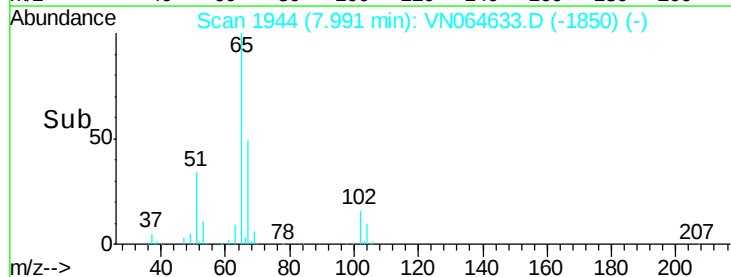
60000

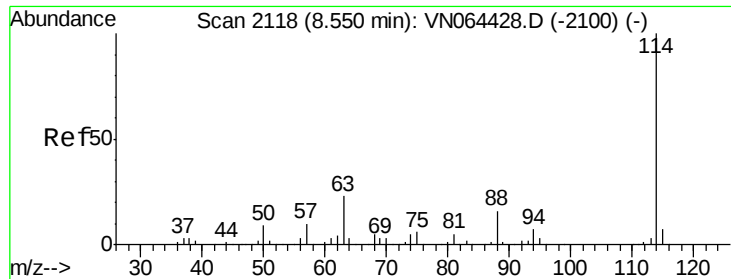
40000

20000

0

Time--> 7.90 8.00 8.10

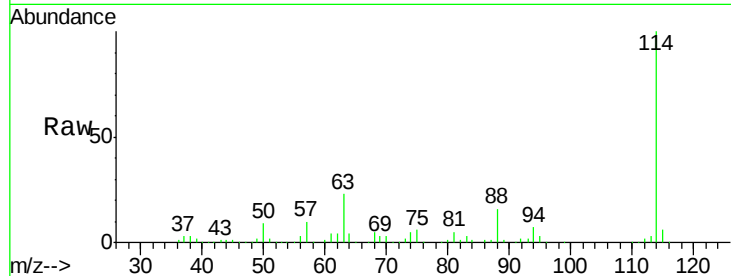




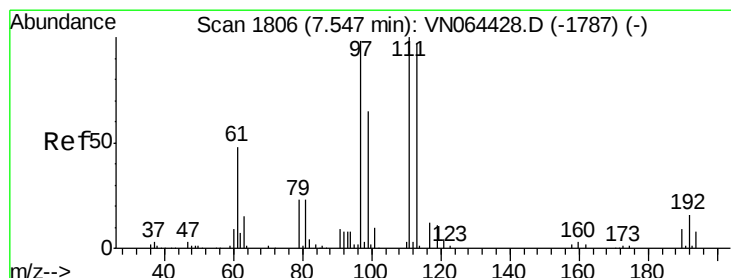
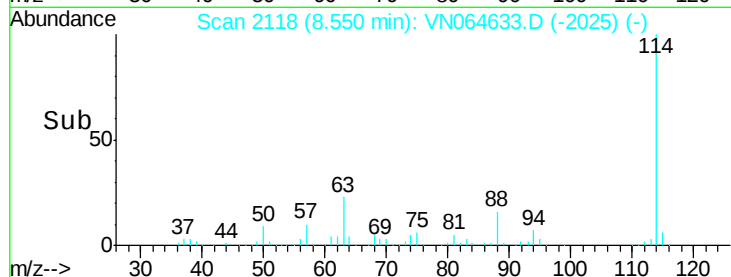
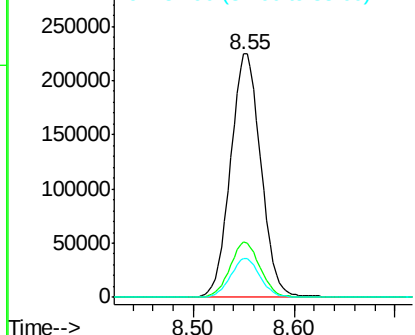
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN064633.D
Acq: 13 Nov 2020 15:49

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-638-640

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	45.6
88	16.2	0.0	32.8

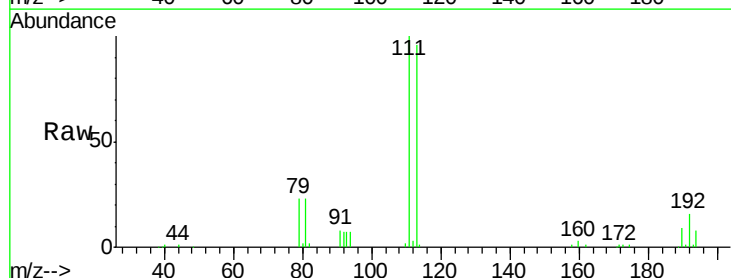


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

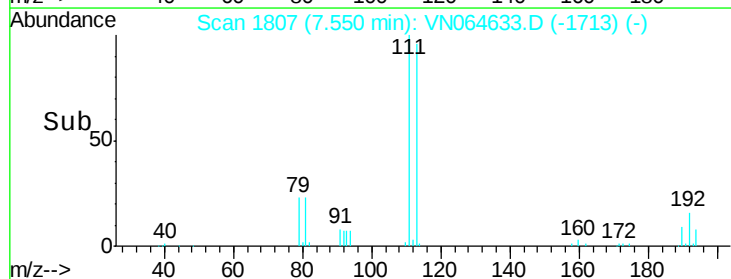
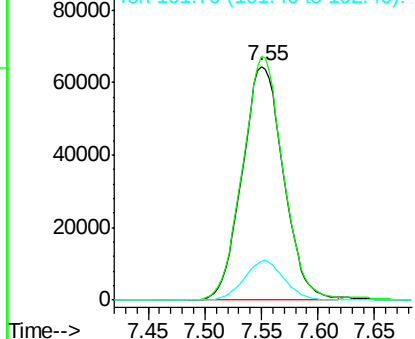


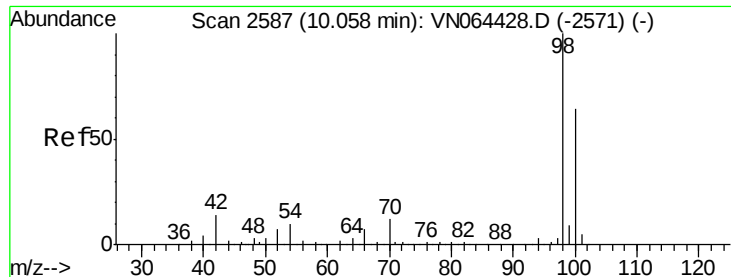
#35
Dibromofluoromethane
Concen: 51.083 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064633.D
Acq: 13 Nov 2020 15:49

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.1	121.7
192	16.2	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: 47.737 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064633.D

Acq: 13 Nov 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

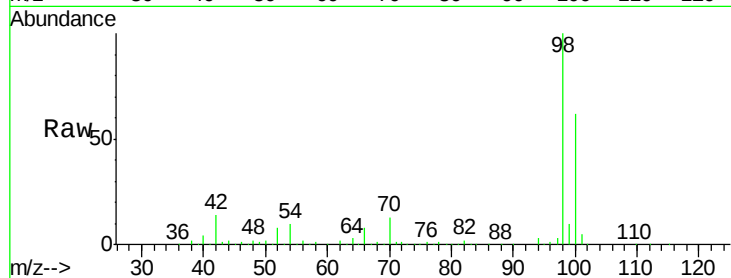
BP-VPB178-GW-638-640

Tot Ion: 98 Resp: 592124

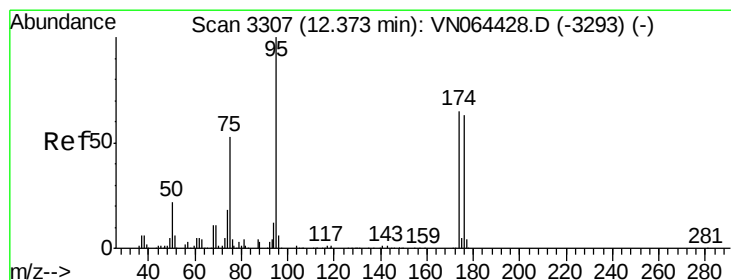
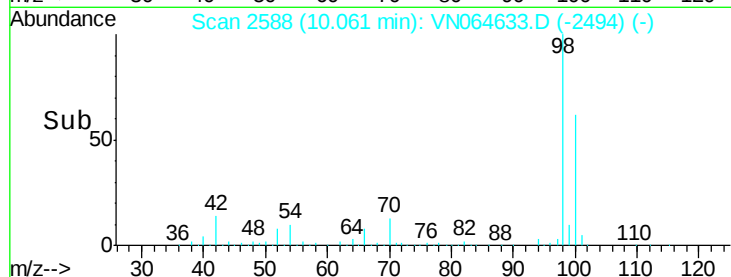
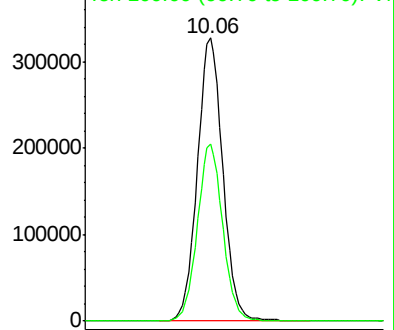
Ion Ratio Lower Upper

98 100

100 62.3 50.7 76.1



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



#62

4-Bromofluorobenzene

Concen: 45.713 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064633.D

Acq: 13 Nov 2020 15:49

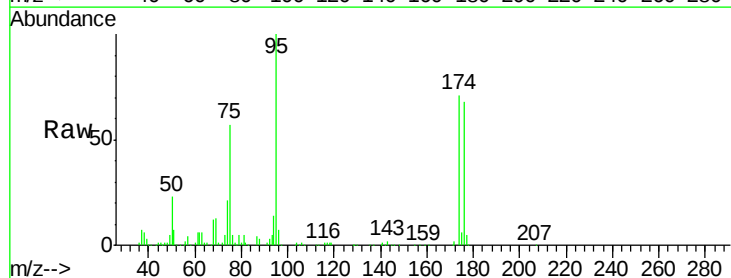
Tgt Ion: 95 Resp: 214443

Ion Ratio Lower Upper

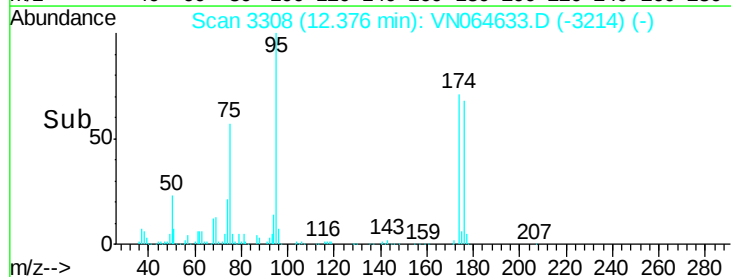
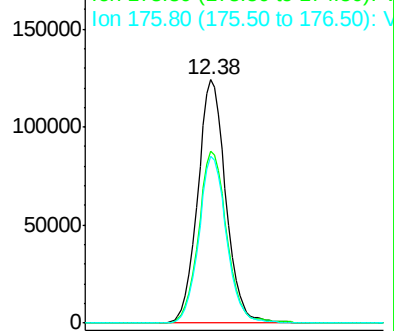
95 100

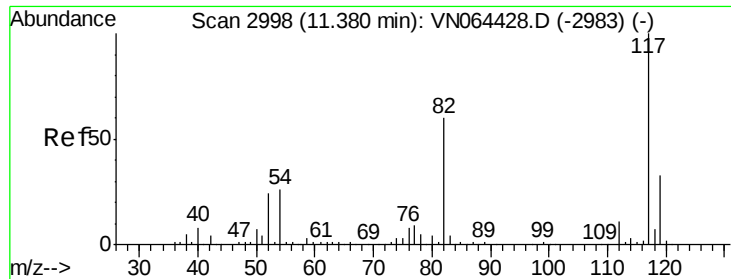
174 70.7 0.0 132.6

176 67.2 0.0 129.2



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

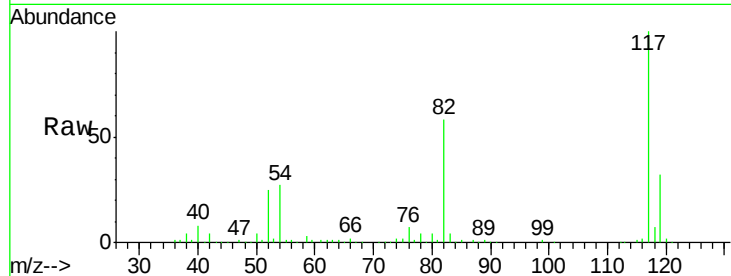




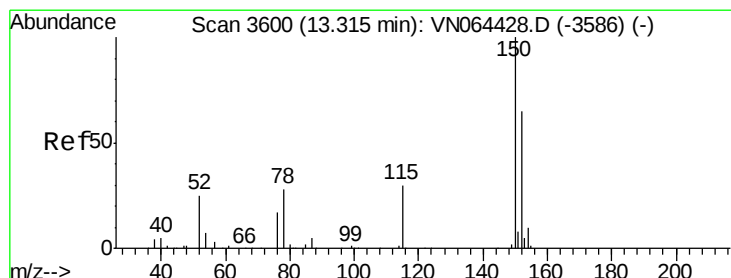
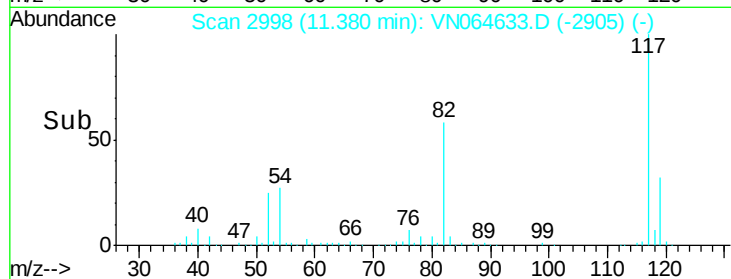
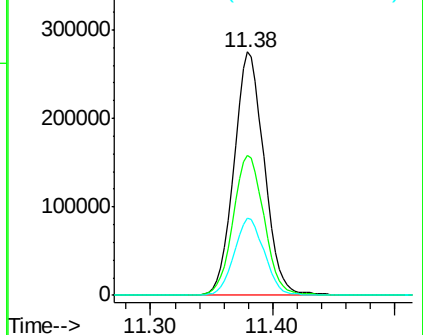
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064633.D
Acq: 13 Nov 2020 15:49

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-638-640

Tot Ion:117 Resp: 472142
Ion Ratio Lower Upper
117 100
82 57.6 48.1 72.1
119 31.5 26.2 39.4

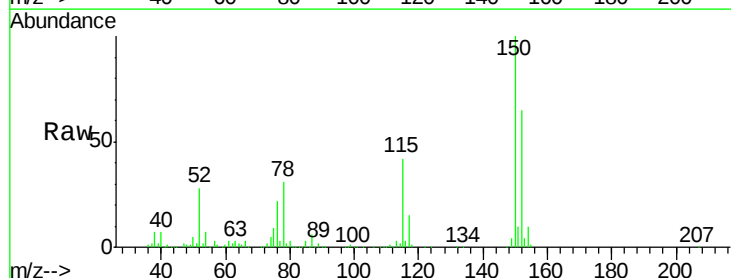


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064633.D
Acq: 13 Nov 2020 15:49

Tgt Ion:152 Resp: 170582
Ion Ratio Lower Upper
152 100
115 64.5 32.0 96.0
150 158.6 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

