

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\
 Data File : VN064439.D
 Acq On : 4 Nov 2020 16:24
 Operator : JC/MD
 Sample : L4627-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-TB-20201102

Quant Time: Nov 05 01:32:24 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	269563	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	527166	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	538559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	202835	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	245142	52.21	ug/l	0.00
Spiked Amount			Recovery	=	104.42%	
35) Dibromofluoromethane	7.55	113	171676	47.83	ug/l	0.00
Spiked Amount			Recovery	=	95.66%	
50) Toluene-d8	10.06	98	681296	49.11	ug/l	0.00
Spiked Amount			Recovery	=	98.22%	
62) 4-Bromofluorobenzene	12.38	95	265481	50.60	ug/l	0.00
Spiked Amount			Recovery	=	101.20%	

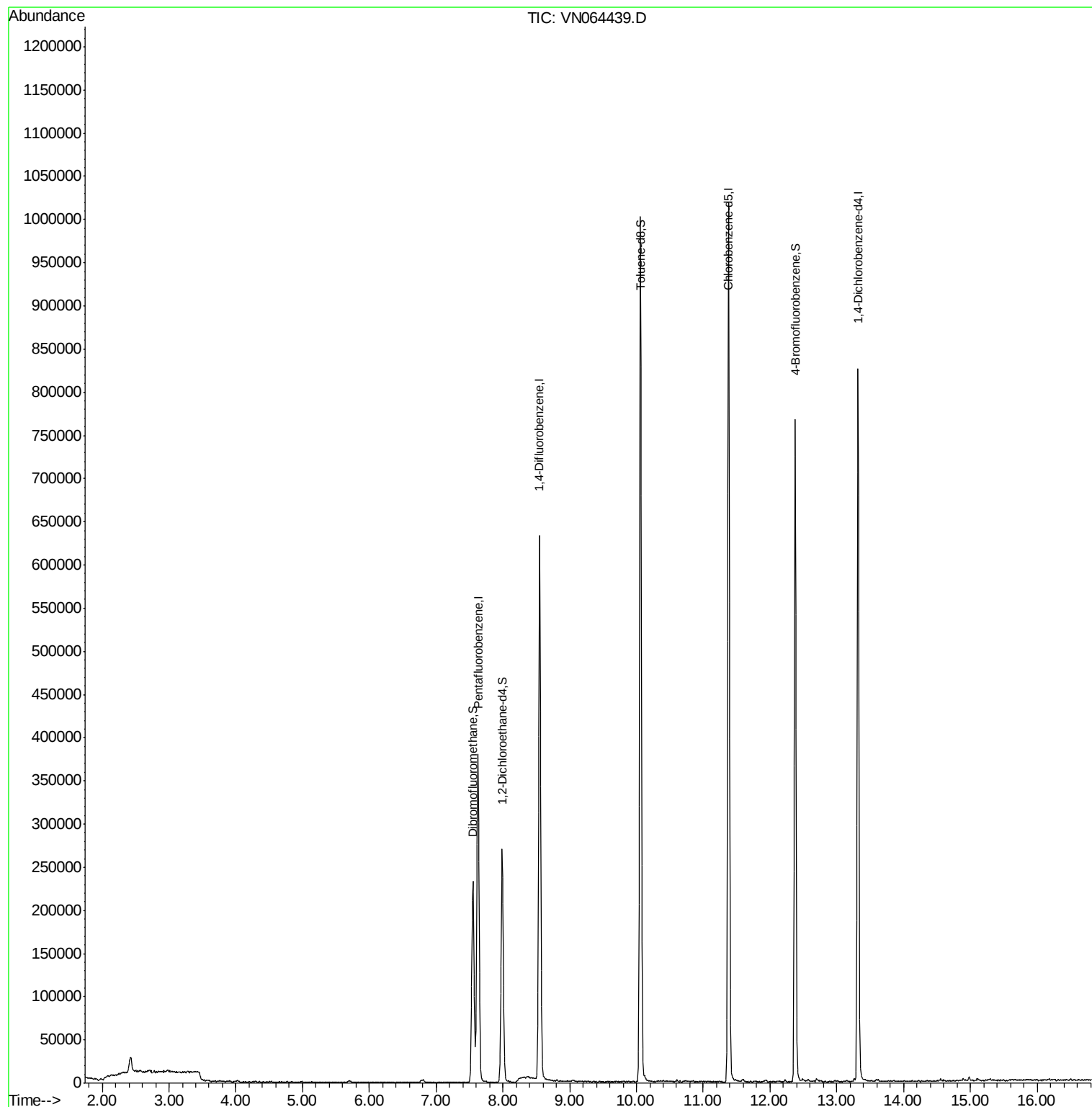
Target Compounds	Qvalue
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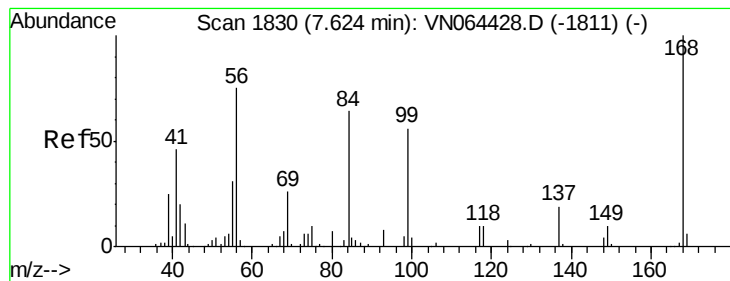
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064439.D

Acq: 4 Nov 2020 16:24

Instrument :

MSVOA_N

ClientSampleId :

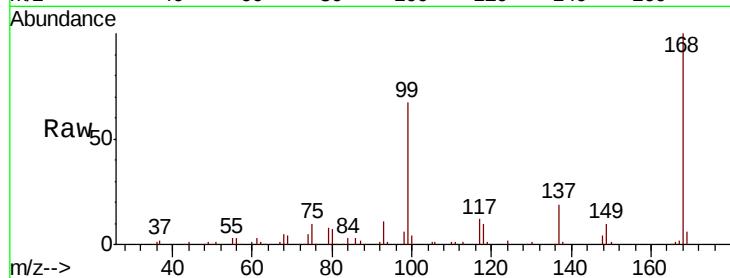
BP-VPB178-TB-20201102

Tot Ion:168 Resp: 269563

Ion Ratio Lower Upper

168 100

99 66.8 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

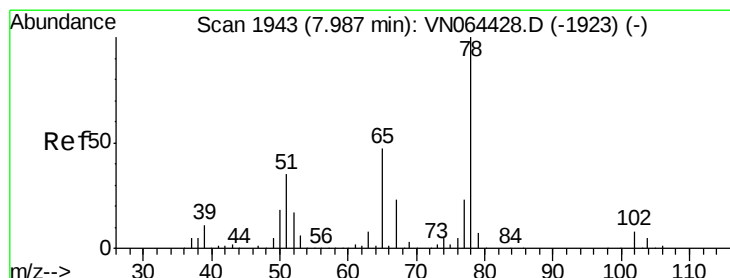
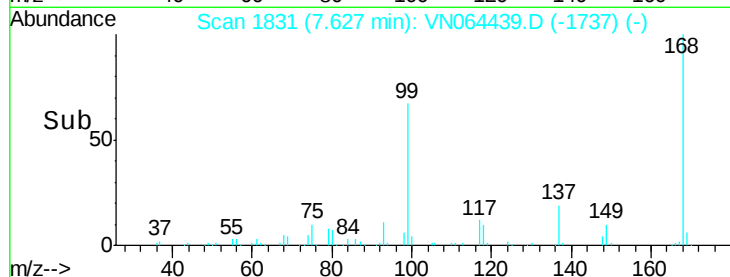
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 52.209 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064439.D

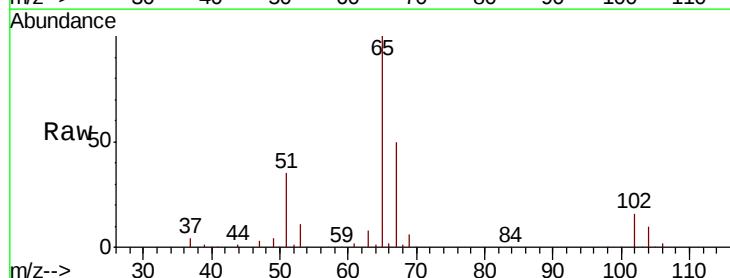
Acq: 4 Nov 2020 16:24

Tgt Ion: 65 Resp: 245142

Ion Ratio Lower Upper

65 100

67 49.5 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

120000

100000

80000

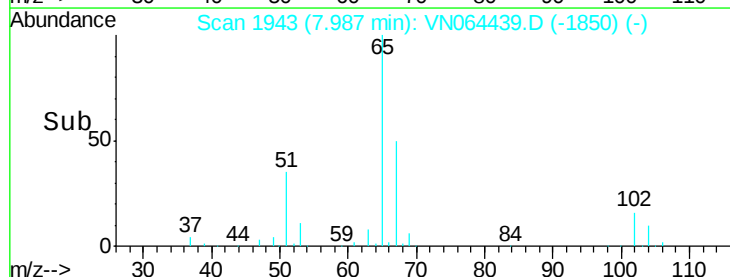
60000

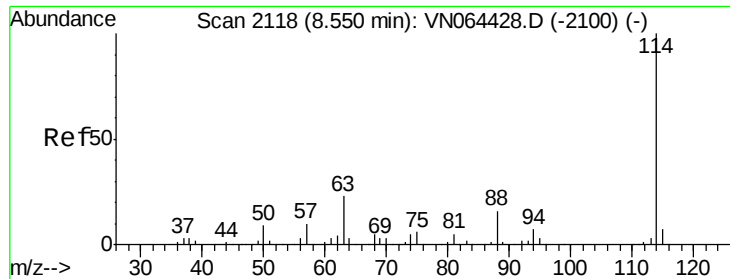
40000

20000

0

Time--> 7.90 8.00 8.10

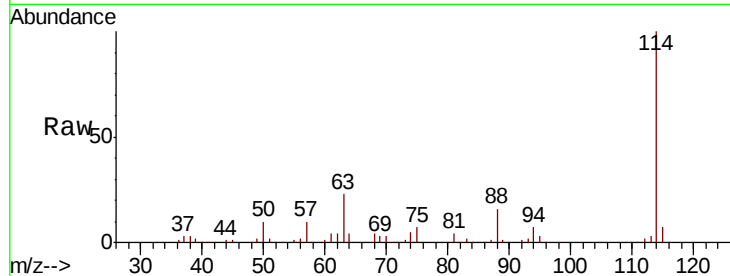




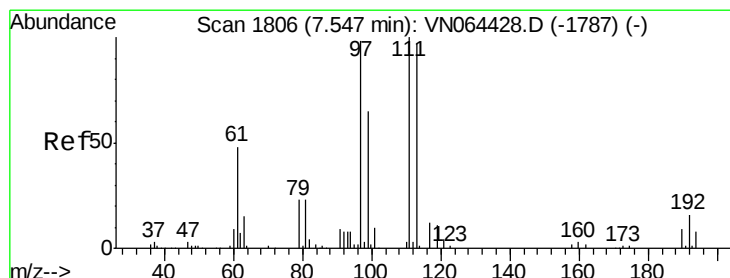
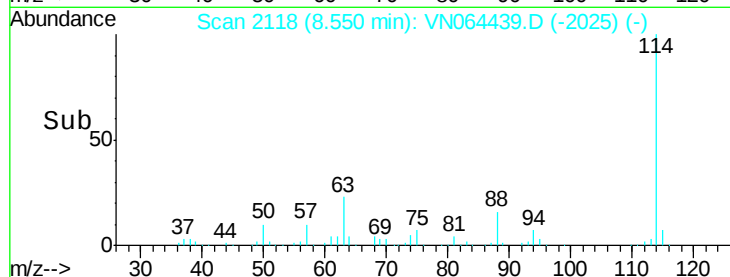
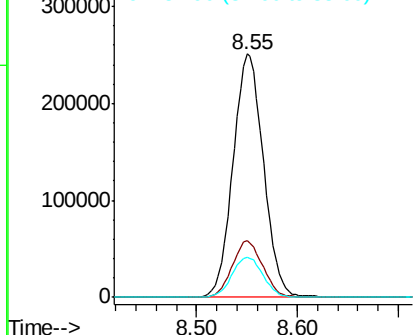
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN064439.D
Acq: 4 Nov 2020 16:24

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-TB-20201102

Tot Ion:114 Resp: 527166
Ion Ratio Lower Upper
114 100
63 23.3 0.0 45.6
88 16.4 0.0 32.8

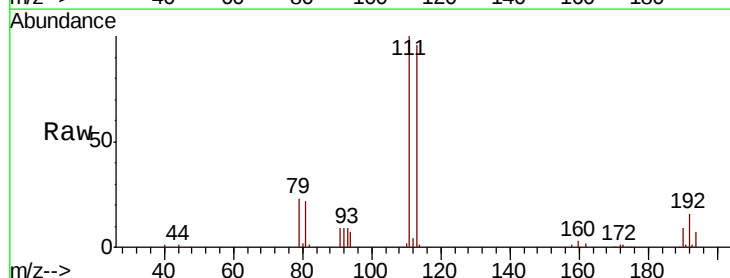


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

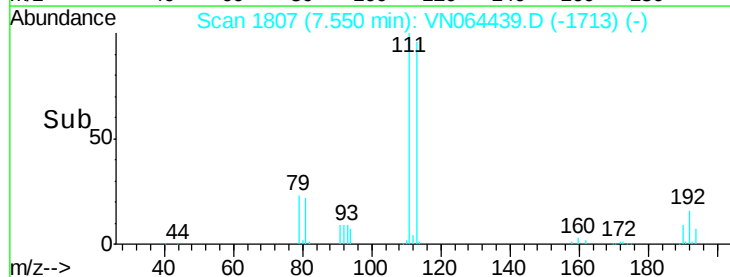
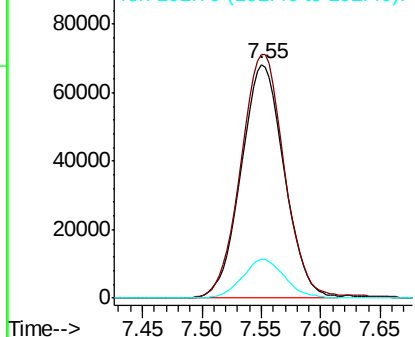


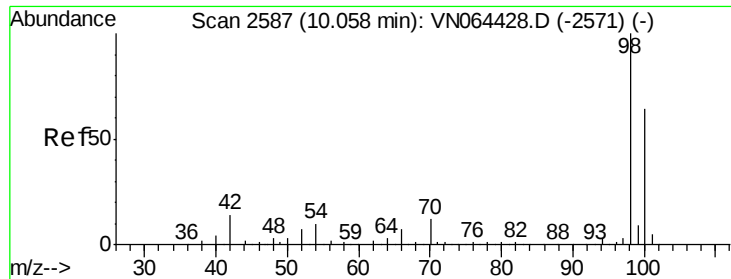
#35
Dibromofluoromethane
Concen: 47.830 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064439.D
Acq: 4 Nov 2020 16:24

Tgt Ion:113 Resp: 171676
Ion Ratio Lower Upper
113 100
111 105.2 81.1 121.7
192 16.3 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: 49.111 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064439.D

Acq: 4 Nov 2020 16:24

Instrument :

MSVOA_N

ClientSampleId :

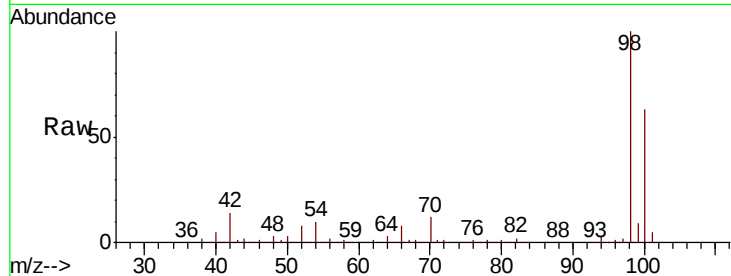
BP-VPB178-TB-20201102

Tot Ion: 98 Resp: 681296

Ion Ratio Lower Upper

98 100

100 63.2 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

400000

300000

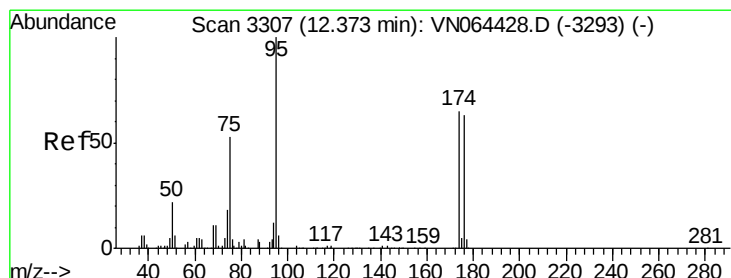
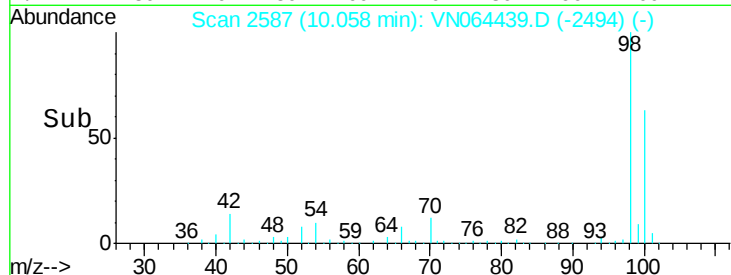
200000

100000

0

10.00 10.10

Time-->



#62

4-Bromofluorobenzene

Concen: 50.602 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064439.D

Acq: 4 Nov 2020 16:24

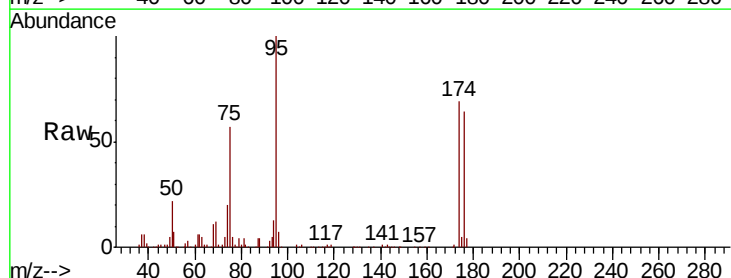
Tgt Ion: 95 Resp: 265481

Ion Ratio Lower Upper

95 100

174 68.7 0.0 132.6

176 64.6 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

200000

150000

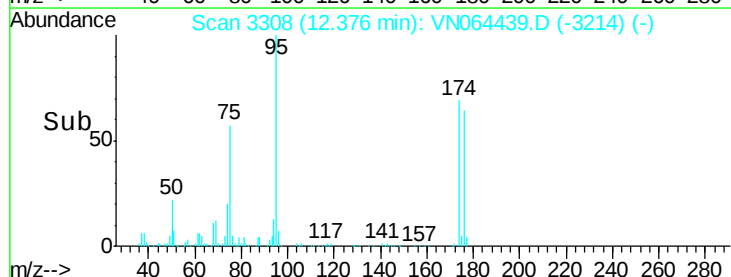
100000

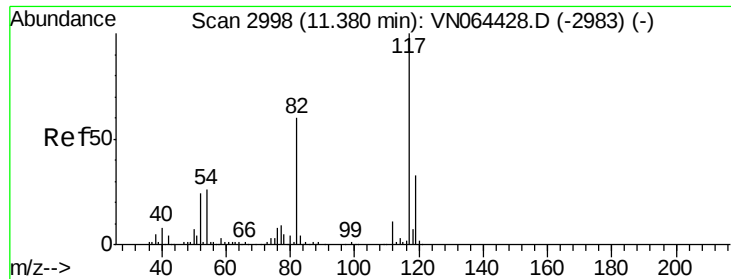
50000

0

12.30 12.40 12.50

Time-->

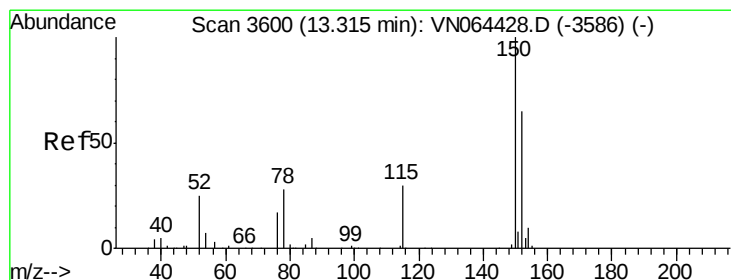
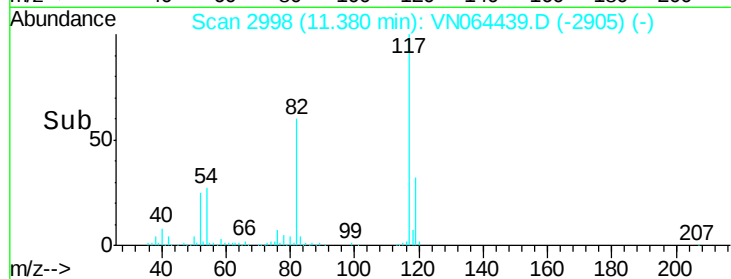
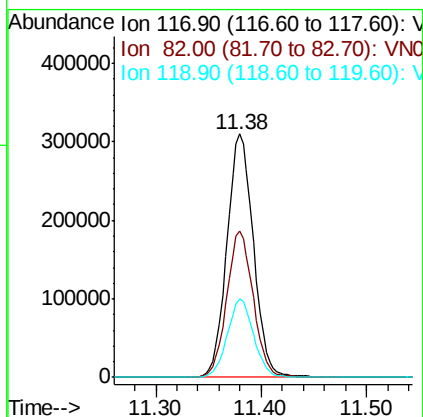
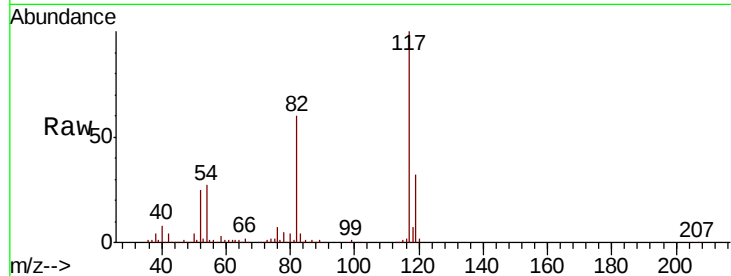




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064439.D
Acq: 4 Nov 2020 16:24

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-TB-20201102

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.3	48.1	72.1
119	32.3	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064439.D
Acq: 4 Nov 2020 16:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.2	32.0	96.0
150	156.8	0.0	353.8

