

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064738.D
 Acq On : 19 Nov 2020 17:14
 Operator : JC/MD
 Sample : L4783-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12

Quant Time: Nov 24 07:03:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	202838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	417351	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	442844	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	184005	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	209114	58.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.20%	
35) Dibromofluoromethane	7.55	113	135784	57.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.32%	
50) Toluene-d8	10.06	98	545590	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
62) 4-Bromofluorobenzene	12.38	95	216639	53.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.38%	

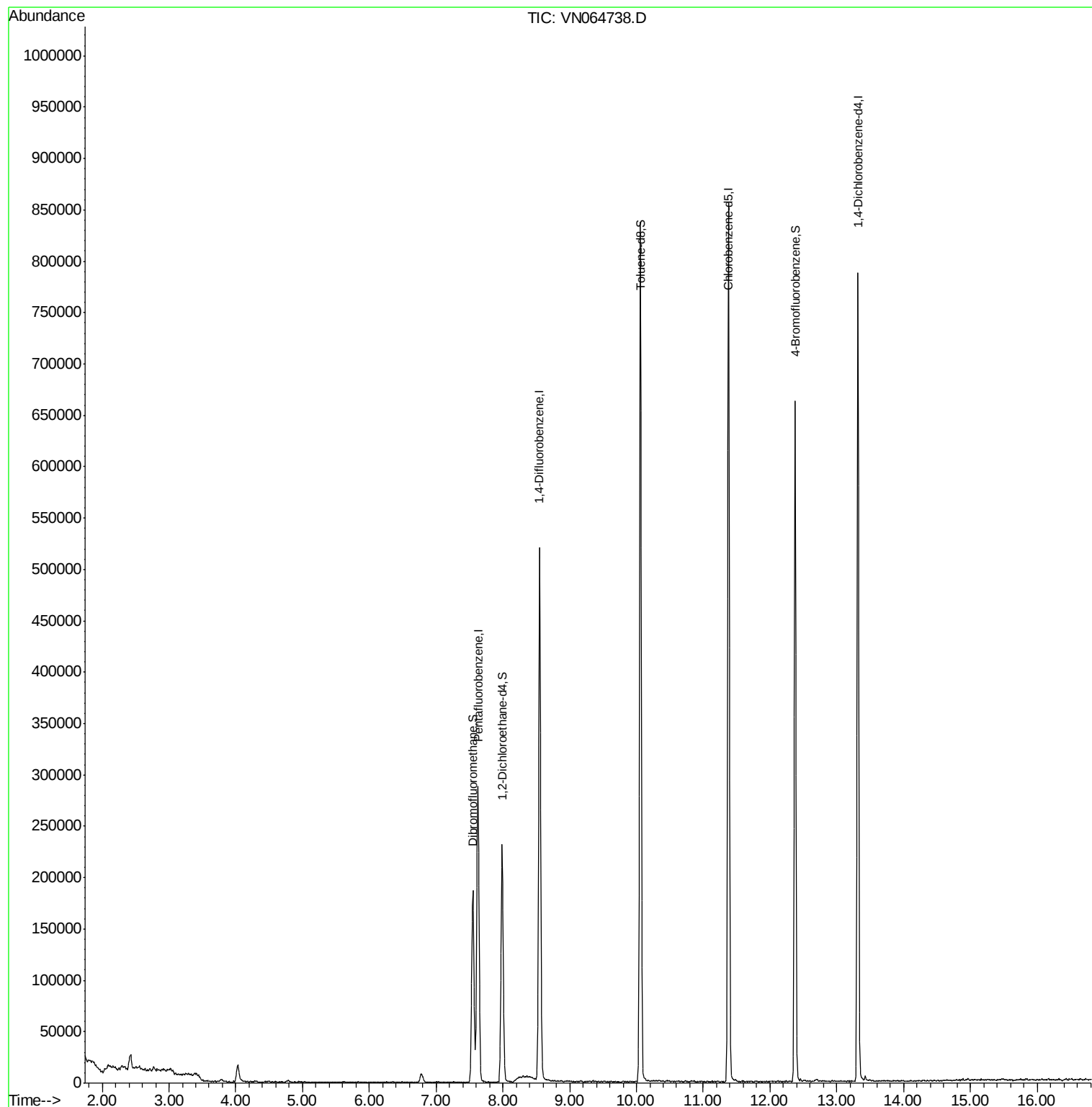
Target Compounds	Qvalue
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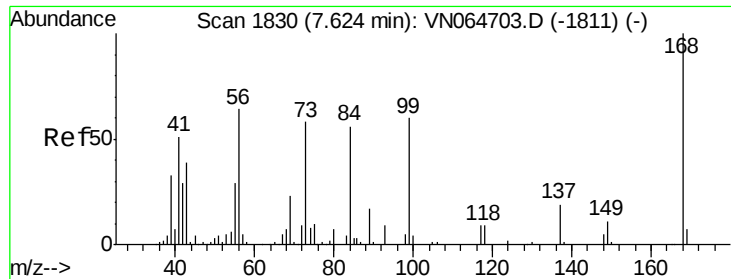
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064738.D

Acq: 19 Nov 2020 17:14

Instrument :

MSVOA_N

ClientSampleId :

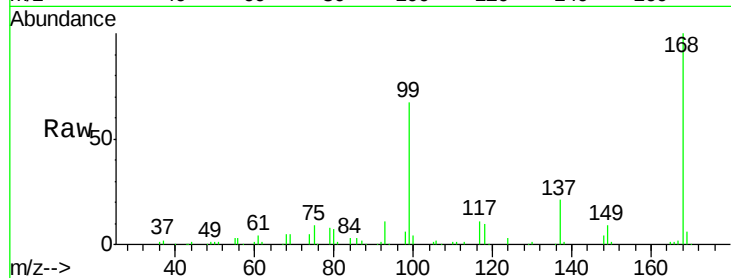
MW-12

Tot Ion:168 Resp: 202838

Ion Ratio Lower Upper

168 100

99 67.4 55.7 83.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

80000

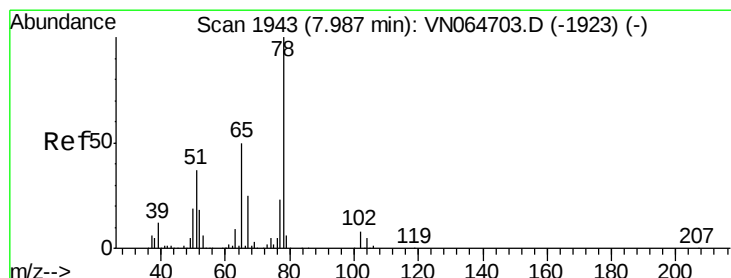
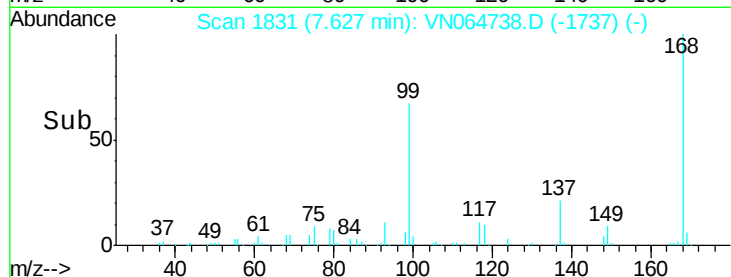
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#33

1,2-Dichloroethane-d4

Concen: 58.604 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064738.D

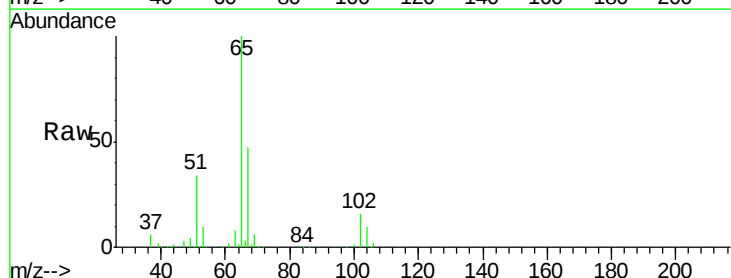
Acq: 19 Nov 2020 17:14

Tgt Ion: 65 Resp: 209114

Ion Ratio Lower Upper

65 100

67 48.5 0.0 99.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

100000

80000

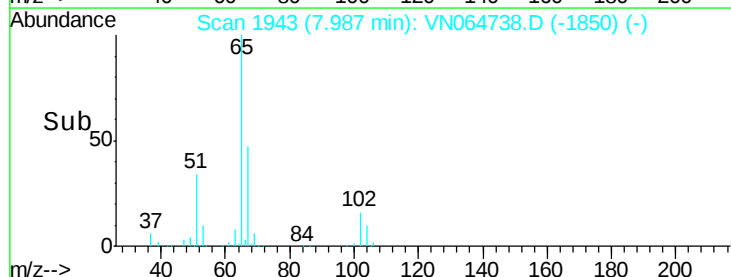
60000

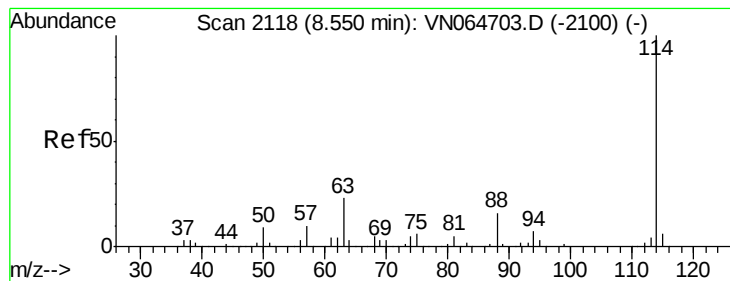
40000

20000

0

Time--> 7.90 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

Lab File: VN064738.D

Acq: 19 Nov 2020 17:14

Instrument :

MSVOA_N

ClientSampled :

MW-12

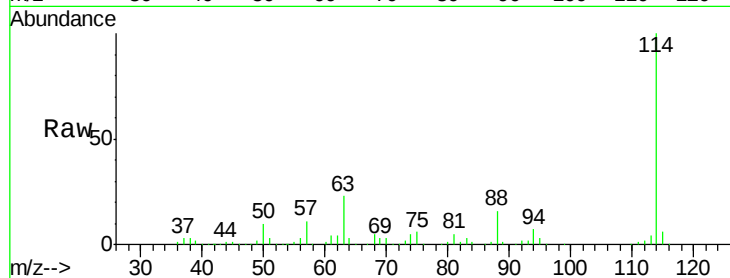
Tot Ion:114 Resp: 417351

Ion Ratio Lower Upper

114 100

63 23.3 0.0 46.0

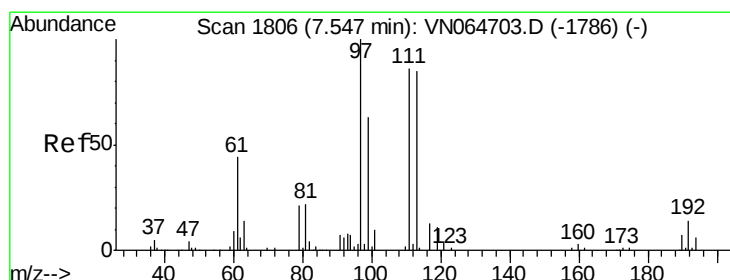
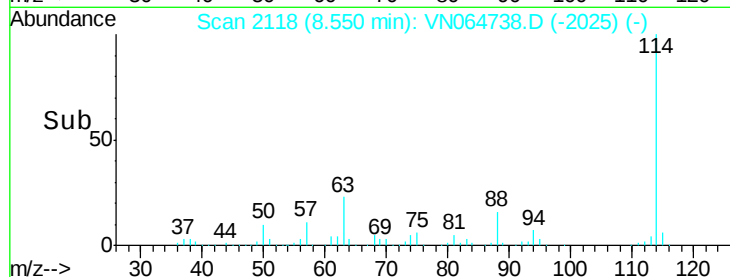
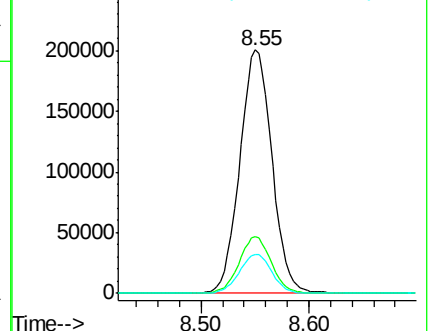
88 15.9 0.0 31.2



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: 57.161 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064738.D

Acq: 19 Nov 2020 17:14

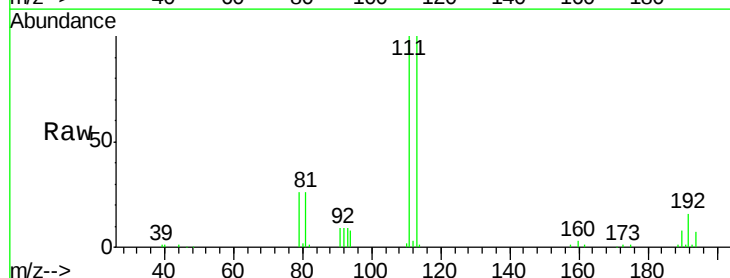
Tgt Ion:113 Resp: 135784

Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.4

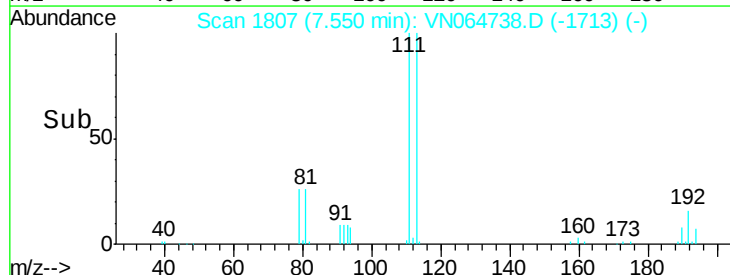
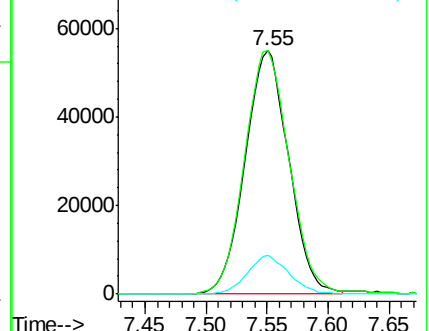
192 15.1 12.7 19.1

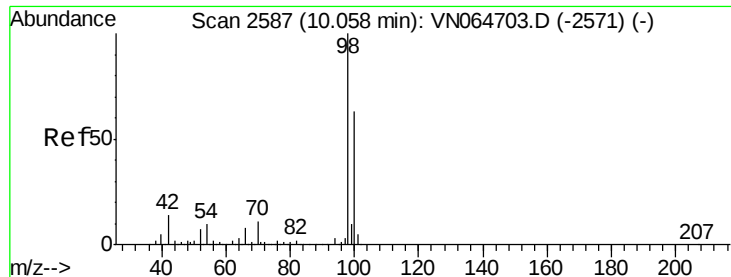


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.536 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064738.D

Acq: 19 Nov 2020 17:14

Instrument :

MSVOA_N

ClientSampleId :

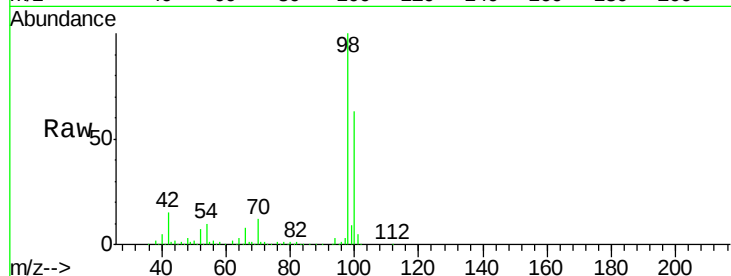
MW-12

Tot Ion: 98 Resp: 545590

Ion Ratio Lower Upper

98 100

100 62.7 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN064738.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064738.D (-2571) (-)

10.06

300000

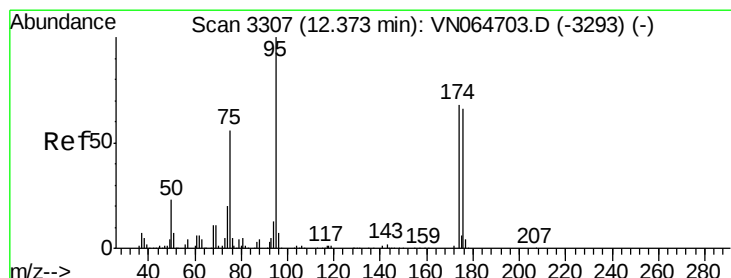
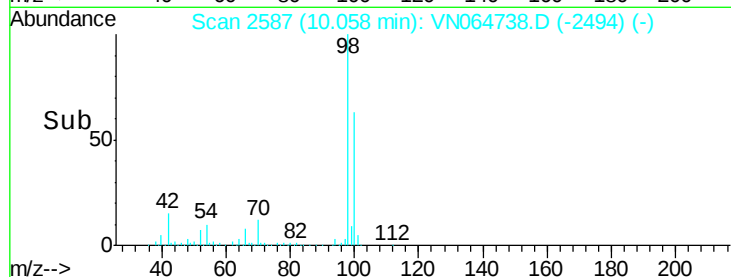
200000

100000

0

10.00 10.10

Time-->



#62

4-Bromofluorobenzene

Concen: 53.686 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064738.D

Acq: 19 Nov 2020 17:14

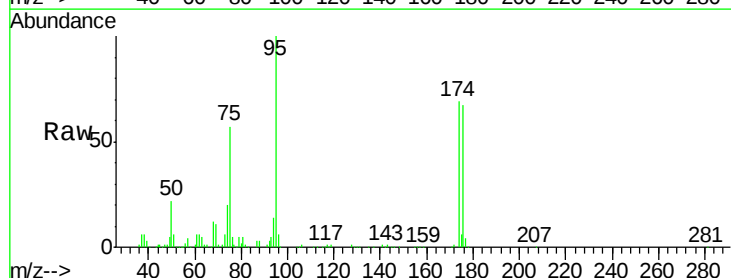
Tgt Ion: 95 Resp: 216639

Ion Ratio Lower Upper

95 100

174 69.7 0.0 136.8

176 66.4 0.0 134.2



Abundance Ion 94.90 (94.60 to 95.60): VN064738.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN064738.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN064738.D (-3293) (-)

12.38

150000

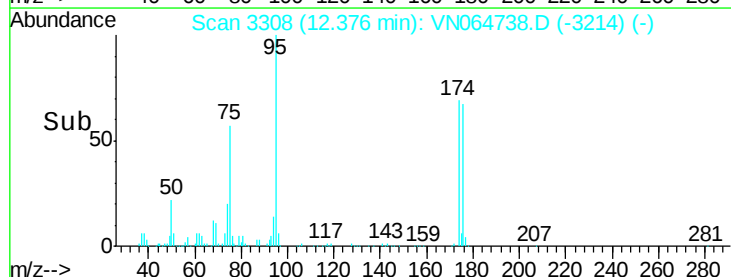
100000

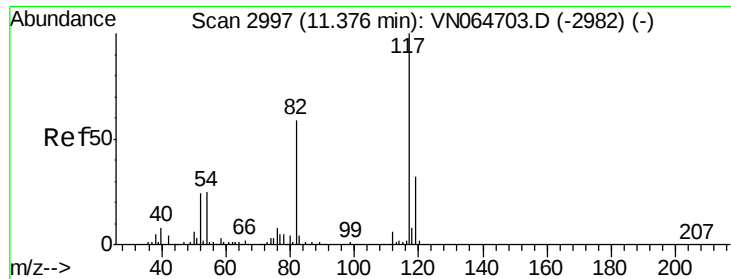
50000

0

12.30 12.35 12.40 12.45

Time-->

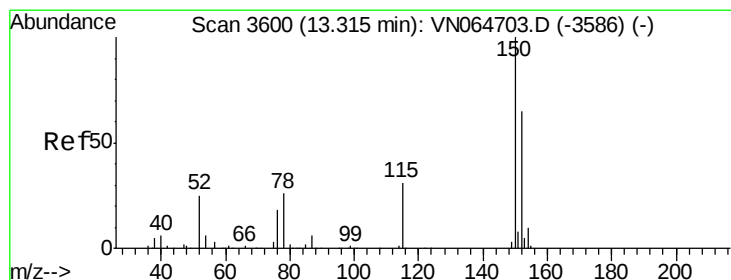
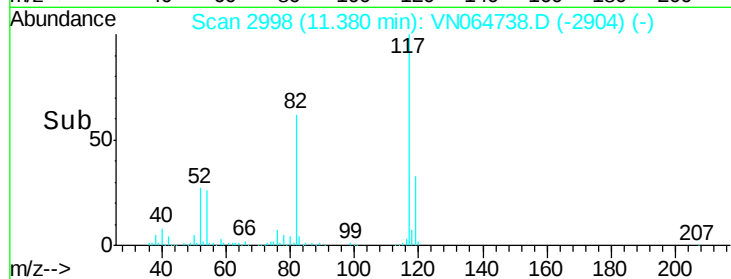
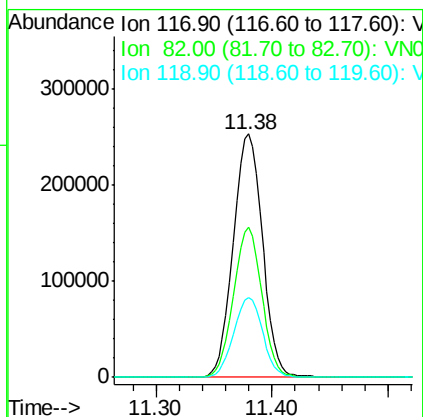
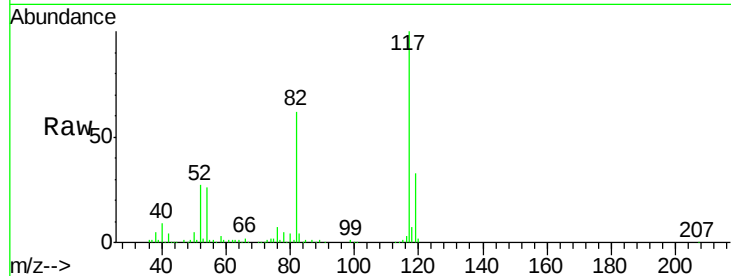




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064738.D
Acq: 19 Nov 2020 17:14

Instrument :
MSVOA_N
ClientSampleId :
MW-12

Tot Ion:117 Resp: 442844
Ion Ratio Lower Upper
117 100
82 61.7 47.0 70.6
119 33.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064738.D
Acq: 19 Nov 2020 17:14

Tgt Ion:152 Resp: 184005
Ion Ratio Lower Upper
152 100
115 67.4 32.1 96.3
150 158.2 0.0 344.8

