

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081320\
 Data File : VN062903.D
 Acq On : 13 Aug 2020 11:42
 Operator : JC/MD
 Sample : VN0813WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBL01

Quant Time: Aug 14 05:20:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	124583	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	213076	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	213300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	81115	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	104511	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
35) Dibromofluoromethane	7.55	113	74079	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
50) Toluene-d8	10.06	98	277766	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
62) 4-Bromofluorobenzene	12.38	95	101490	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	

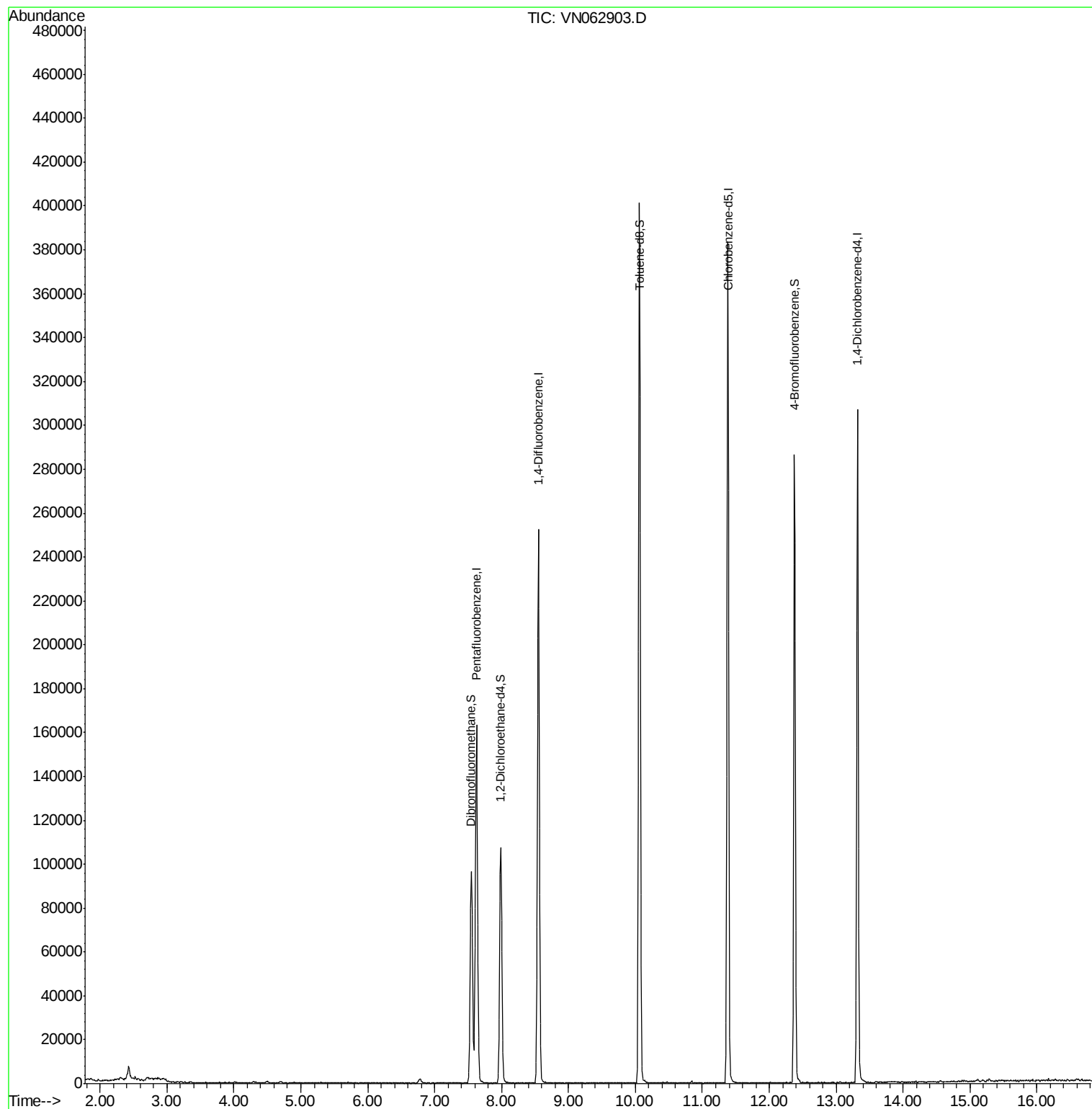
Target Compounds	Qvalue

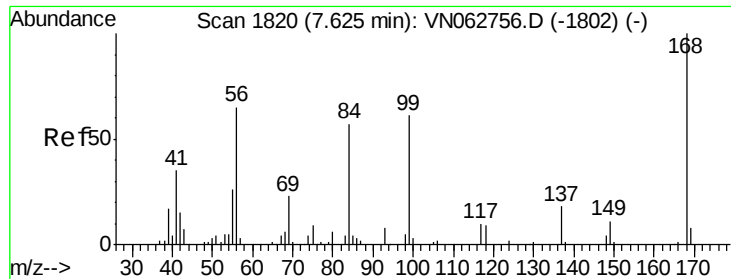
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062903.D

Acq: 13 Aug 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

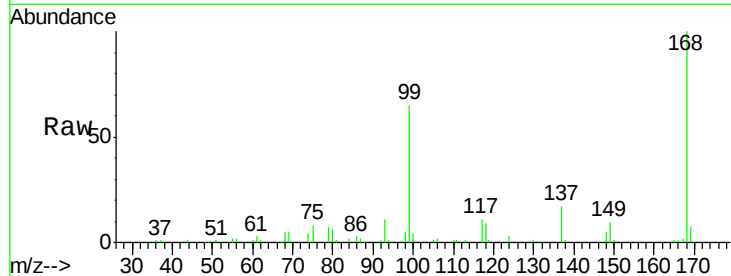
VN0813WBL01

Tot Ion:168 Resp: 124583

Ion Ratio Lower Upper

168 100

99 64.6 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

60000

50000

40000

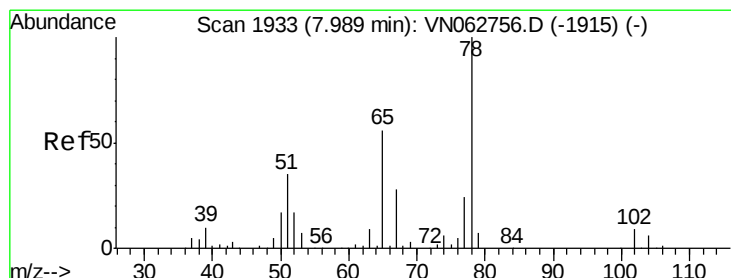
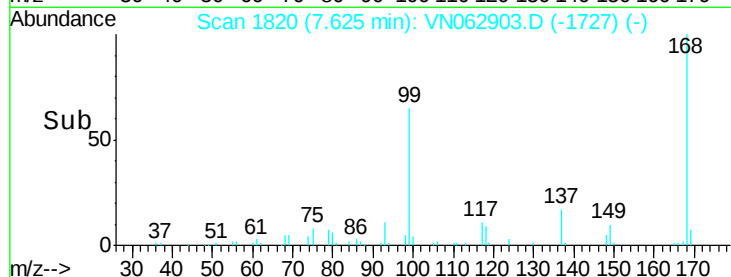
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 50.728 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062903.D

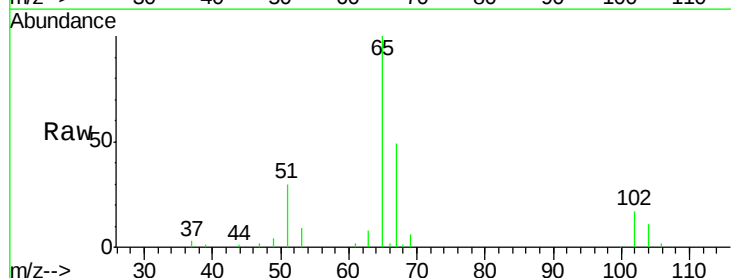
Acq: 13 Aug 2020 11:42

Tgt Ion: 65 Resp: 104511

Ion Ratio Lower Upper

65 100

67 49.5 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

50000

40000

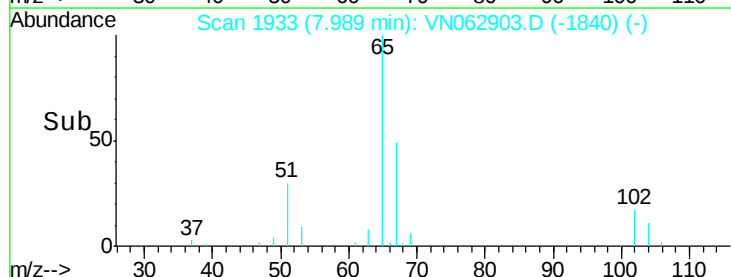
30000

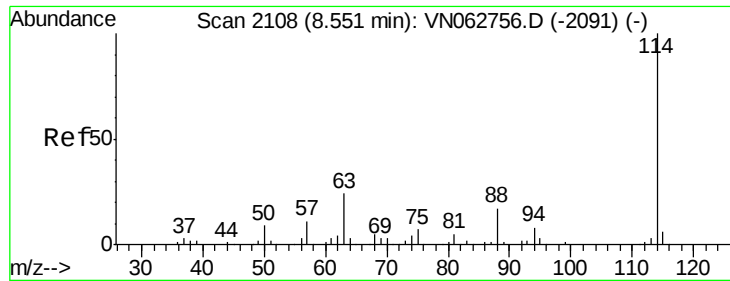
20000

10000

0

Time--> 7.90 8.00 8.10

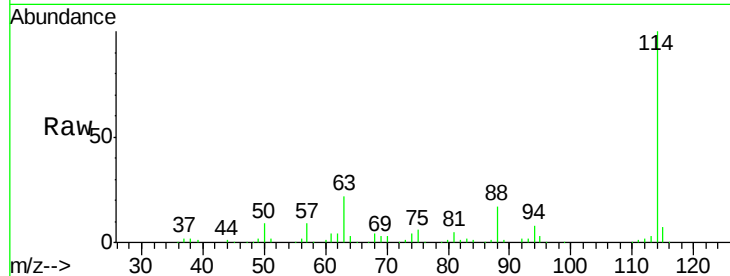




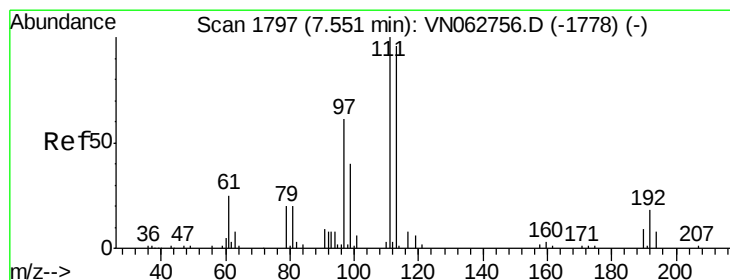
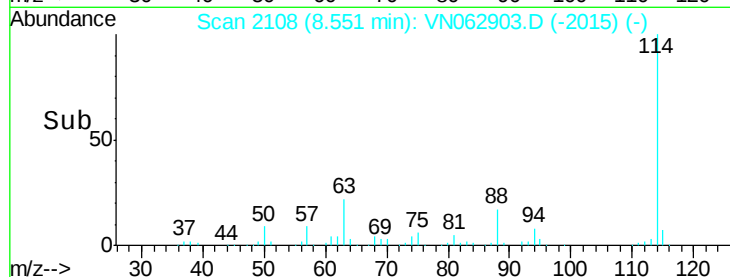
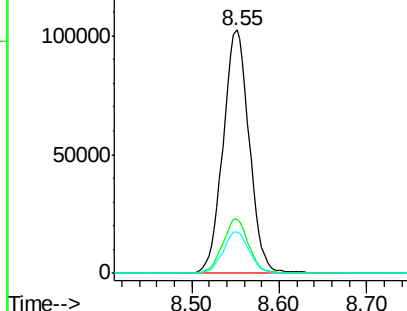
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN062903.D
Acq: 13 Aug 2020 11:42

Instrument :
MSVOA_N
ClientSampled :
VN0813WBL01

Tot Ion:114 Resp: 213076
Ion Ratio Lower Upper
114 100
63 22.2 0.0 47.6
88 17.2 0.0 34.4

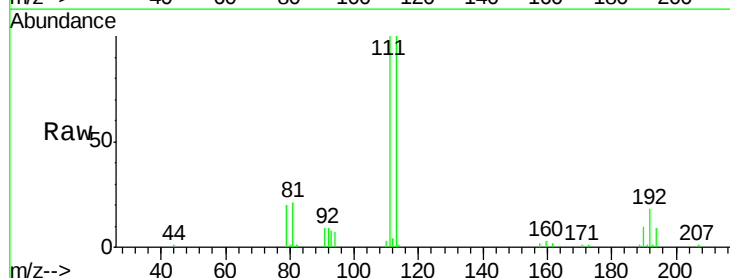


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

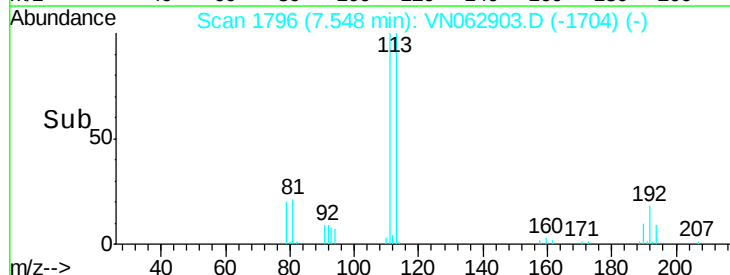
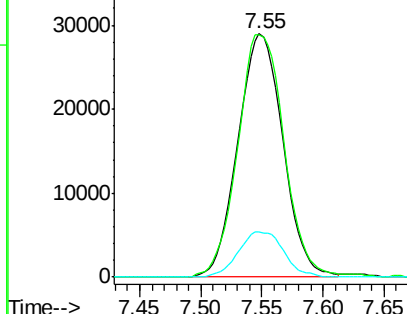


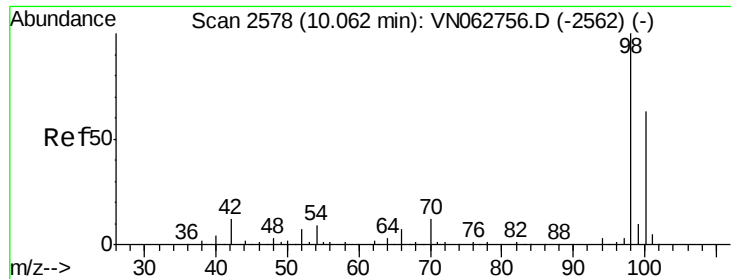
#35
Dibromofluoromethane
Concen: 50.824 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062903.D
Acq: 13 Aug 2020 11:42

Tgt Ion:113 Resp: 74079
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.6
192 18.7 15.0 22.4



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: 48.813 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062903.D

Acq: 13 Aug 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

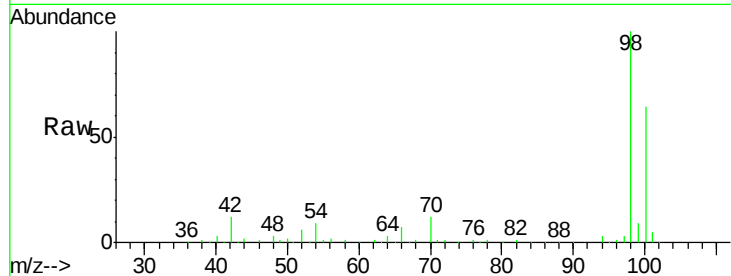
VN0813WBL01

Tot Ion: 98 Resp: 277766

Ion Ratio Lower Upper

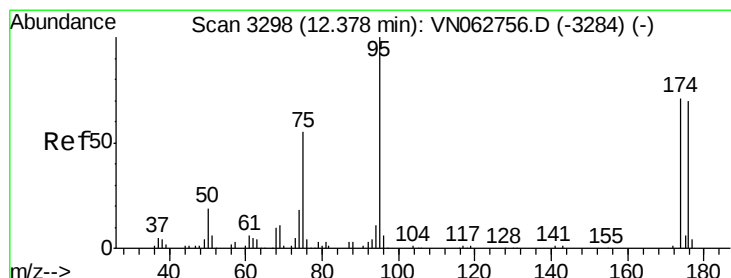
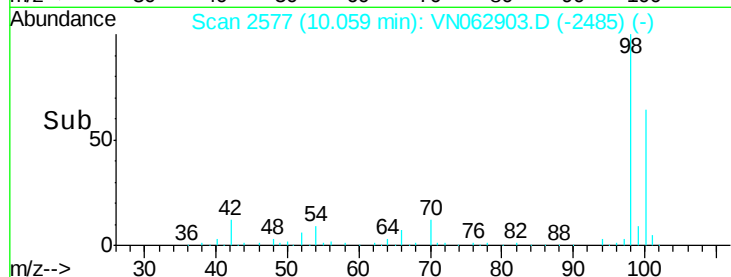
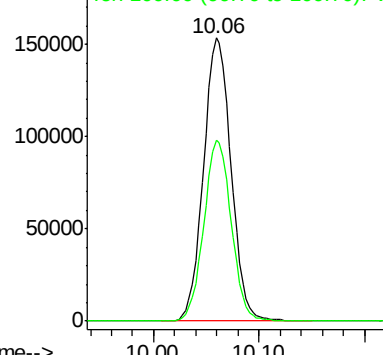
98 100

100 63.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 47.196 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062903.D

Acq: 13 Aug 2020 11:42

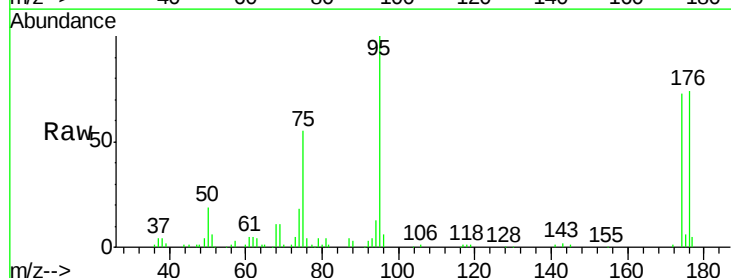
Tgt Ion: 95 Resp: 101490

Ion Ratio Lower Upper

95 100

174 73.3 0.0 144.8

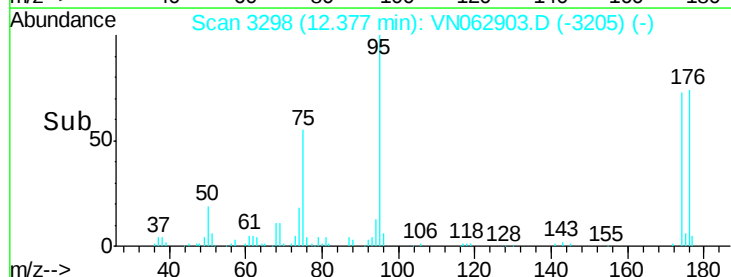
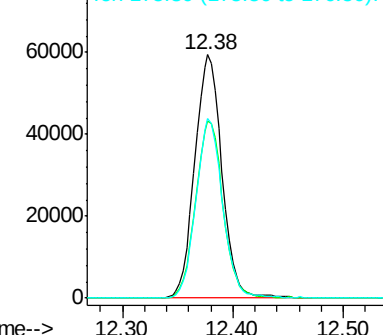
176 72.5 0.0 142.2

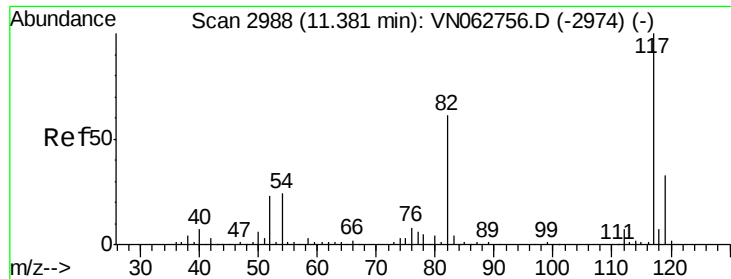


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

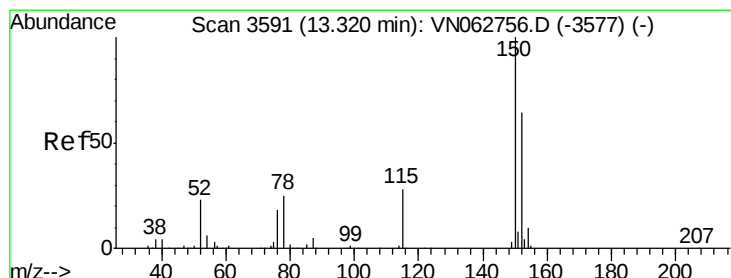
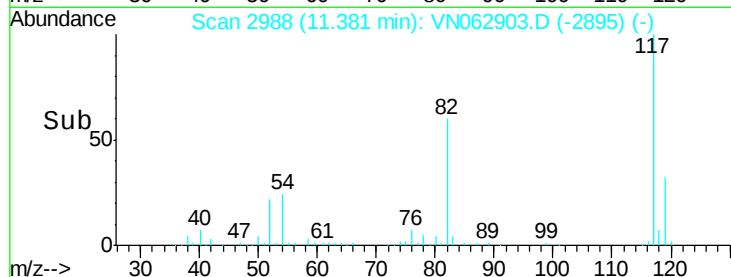
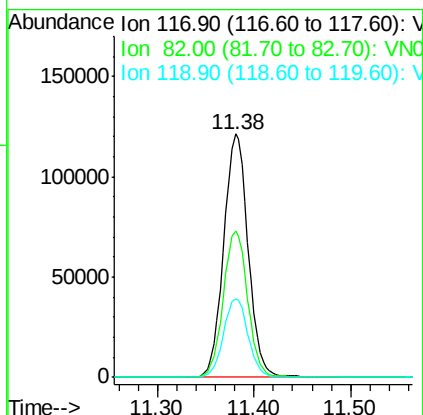
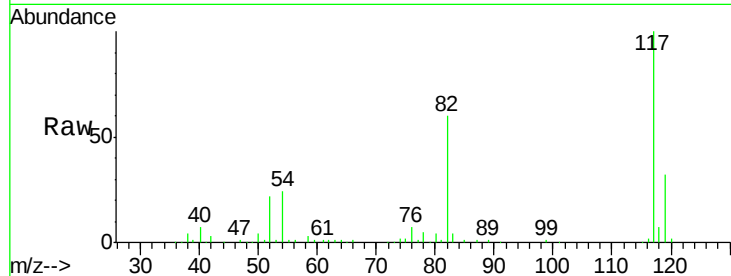




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062903.D
Acq: 13 Aug 2020 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBL01

Tot Ion:117 Resp: 213300
Ion Ratio Lower Upper
117 100
82 60.2 49.0 73.4
119 32.5 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN062903.D
Acq: 13 Aug 2020 11:42

Tgt Ion:152 Resp: 81115
Ion Ratio Lower Upper
152 100
115 61.4 31.6 94.8
150 157.6 0.0 349.2

