

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081320\
 Data File : VN062912.D
 Acq On : 13 Aug 2020 15:39
 Operator : JC/MD
 Sample : L3667-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S39-TB-2020-1

Quant Time: Aug 14 06:05:59 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	124640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	211577	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	217594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	82586	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	105687	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
35) Dibromofluoromethane	7.55	113	73901	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
50) Toluene-d8	10.06	98	277095	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
62) 4-Bromofluorobenzene	12.38	95	101734	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.28%	

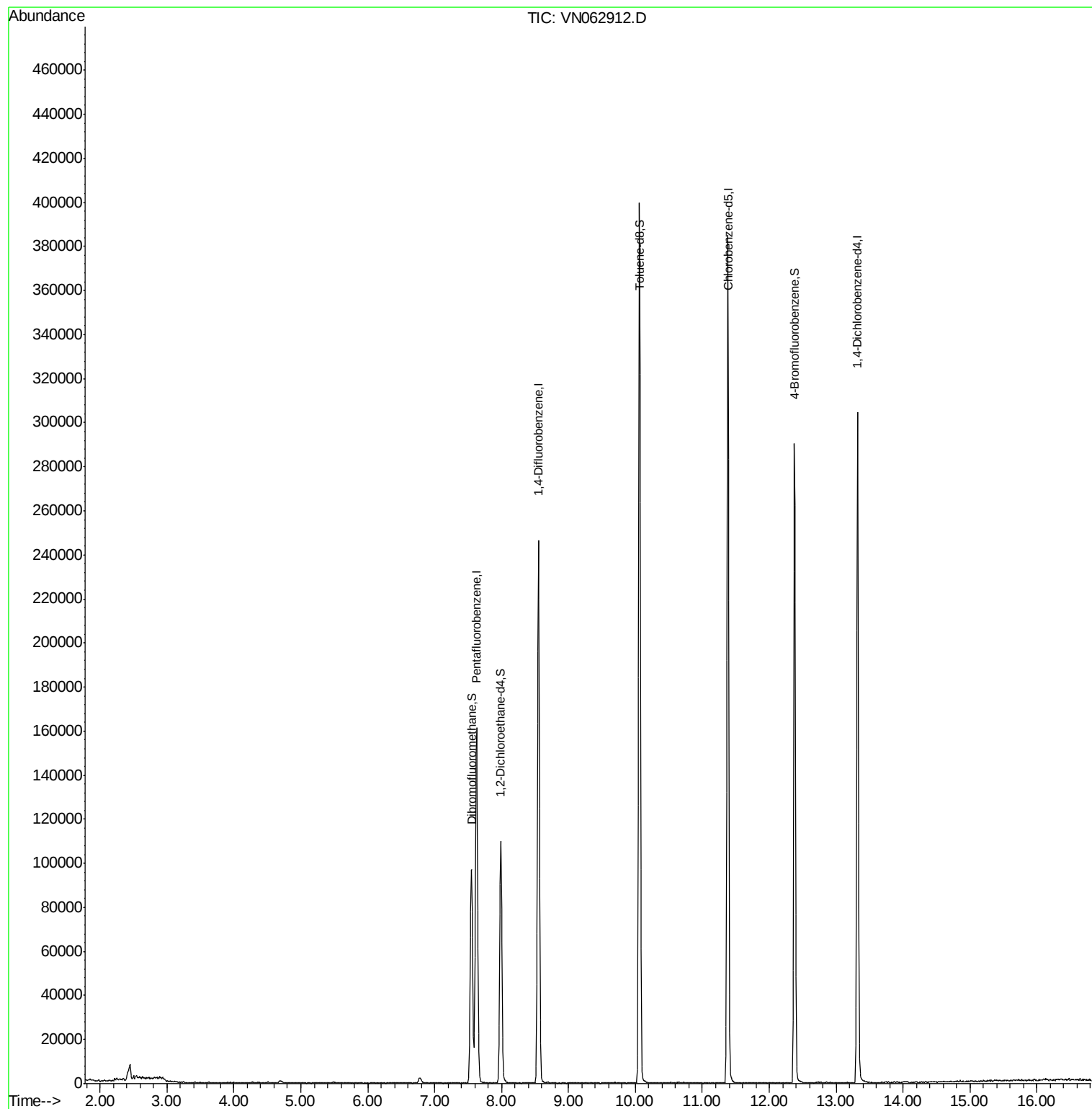
Target Compounds	Qvalue
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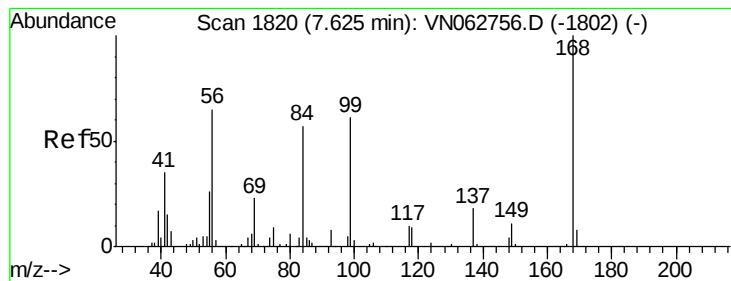
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081320\
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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: VN062912.D

Acq: 13 Aug 2020 15:39

Instrument :

MSVOA_N

ClientSampleId :

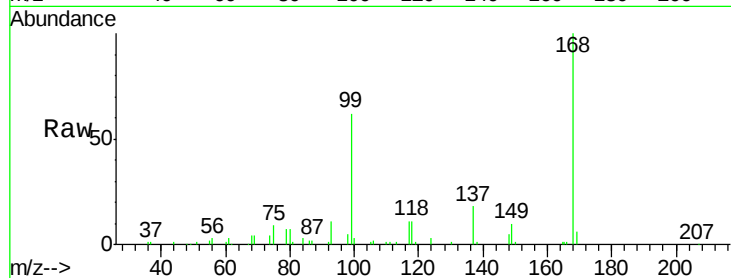
S39-TB-2020-1

Tot Ion:168 Resp: 124640

Ion Ratio Lower Upper

168 100

99 62.4 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

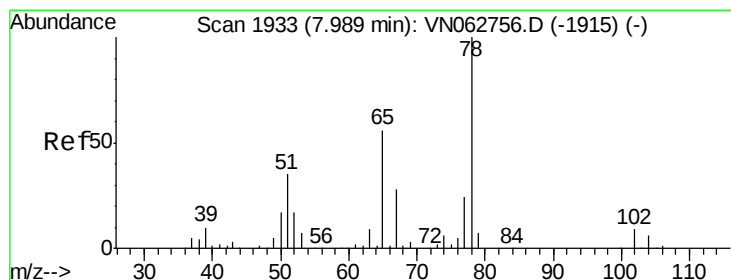
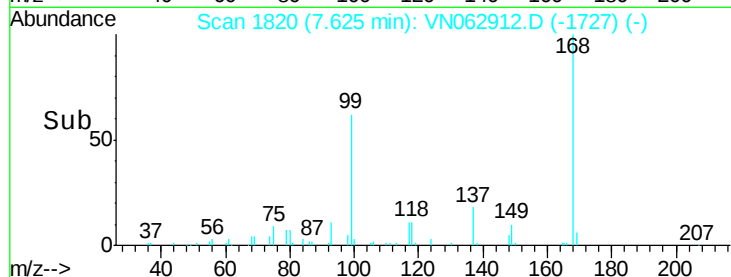
0

Time-->

7.50

7.60

7.70



#33

1,2-Dichloroethane-d4

Concen: 51.276 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062912.D

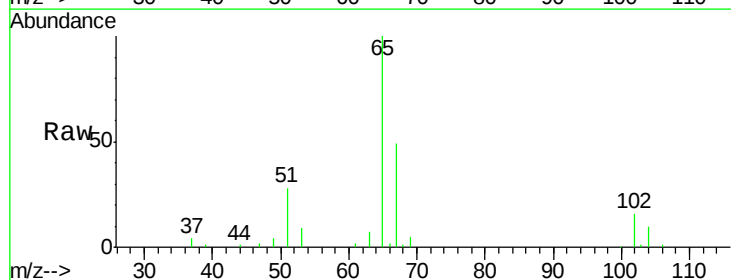
Acq: 13 Aug 2020 15:39

Tgt Ion: 65 Resp: 105687

Ion Ratio Lower Upper

65 100

67 48.6 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

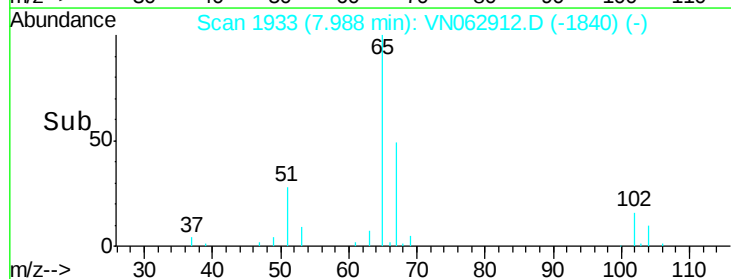
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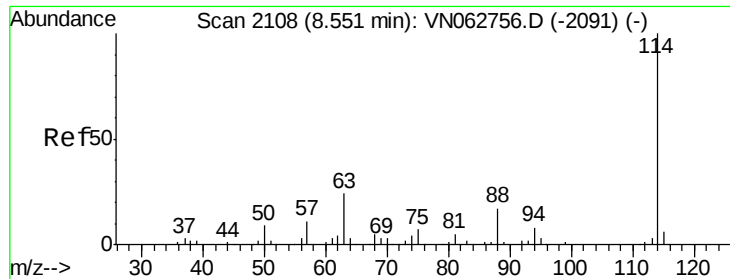
Time-->

7.90

8.00

8.10

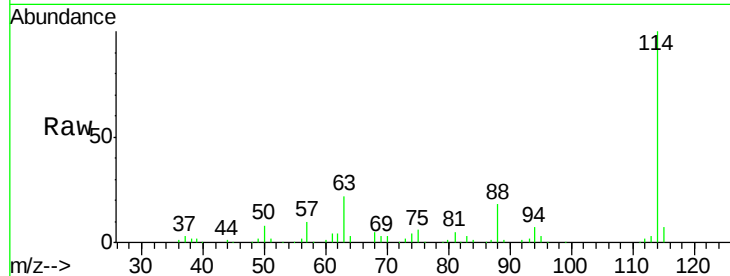




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062912.D
 Acq: 13 Aug 2020 15:39

Instrument :
 MSVOA_N
 ClientSampleId :
 S39-TB-2020-1

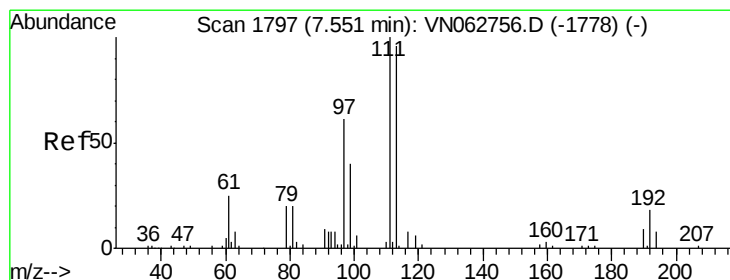
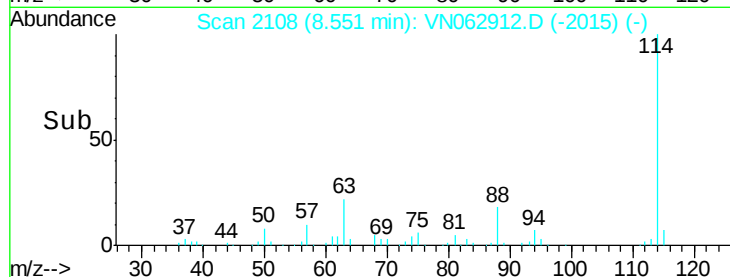
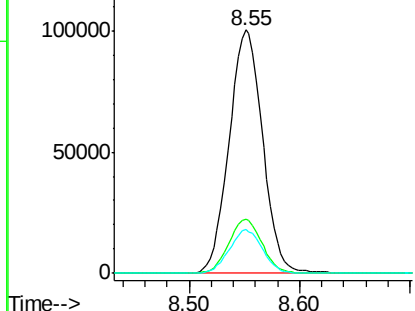
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	47.6
88	17.8	0.0	34.4



Abundance Ion 113.90 (113.60 to 114.60): V

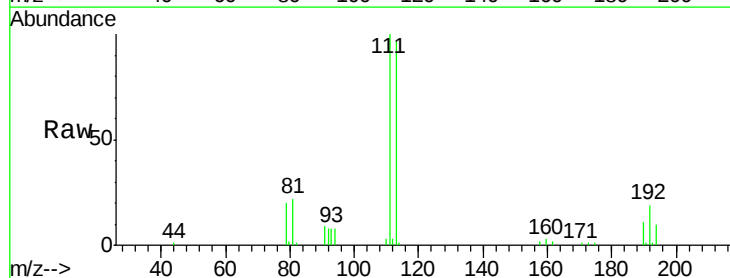
Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35
 Dibromofluoromethane
 Concen: 51.061 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: VN062912.D
 Acq: 13 Aug 2020 15:39

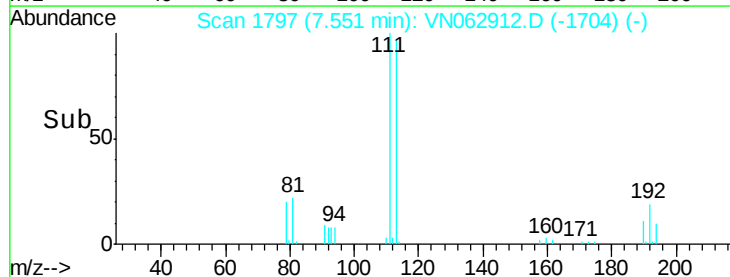
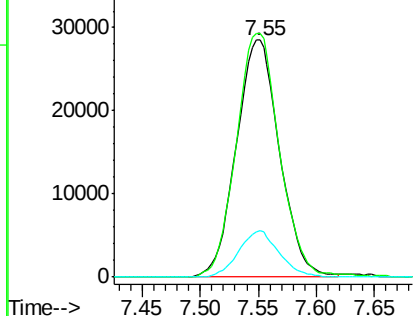
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.8	122.6
192	18.3	15.0	22.4

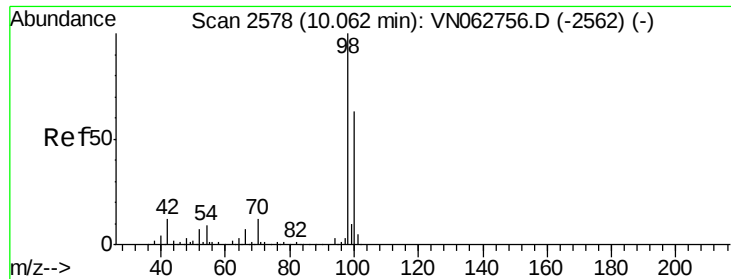


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

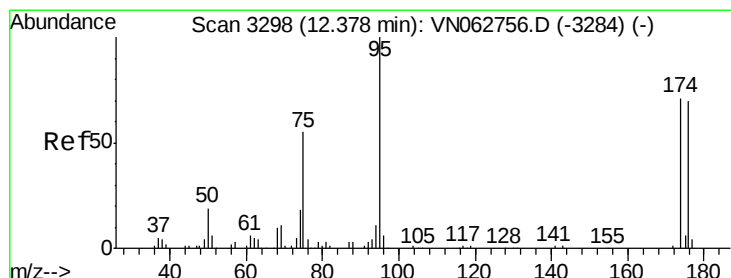
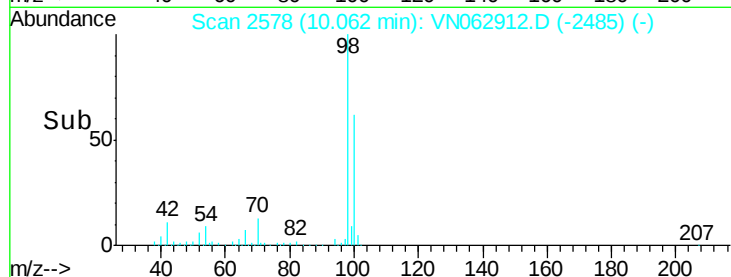
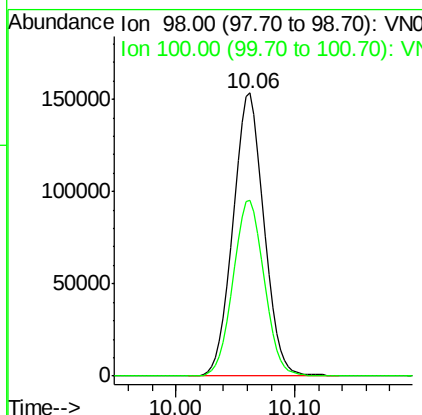
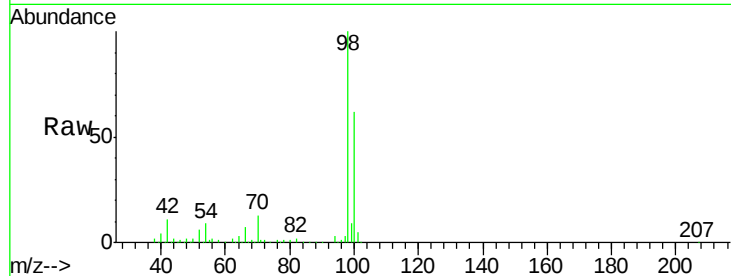




#50
Toluene-d8
Concen: 49.040 ug/l
RT: 10.06 min Scan# 2578
Delta R.T. -0.00 min
Lab File: VN062912.D
Acq: 13 Aug 2020 15:39

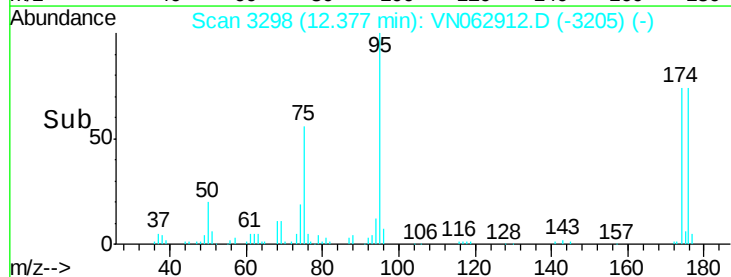
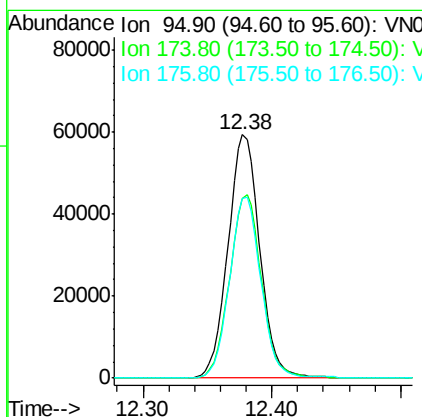
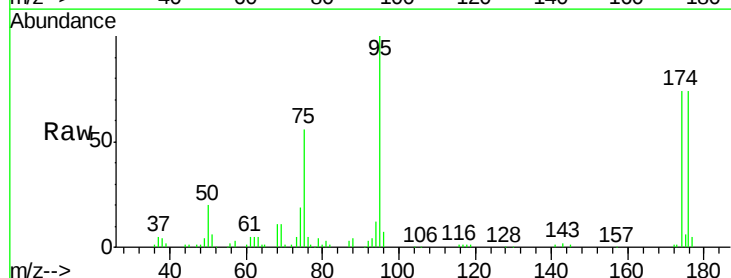
Instrument :
MSVOA_N
ClientSampleId :
S39-TB-2020-1

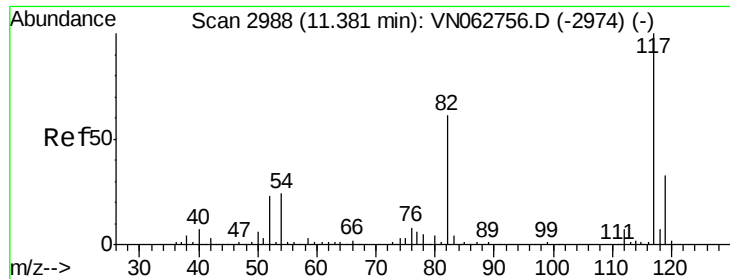
Tot Ion: 98 Resp: 277095
Ion Ratio Lower Upper
98 100
100 62.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.644 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062912.D
Acq: 13 Aug 2020 15:39

Tgt Ion: 95 Resp: 101734
Ion Ratio Lower Upper
95 100
174 75.7 0.0 144.8
176 73.2 0.0 142.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062912.D

Acq: 13 Aug 2020 15:39

Instrument :

MSVOA_N

ClientSampleId :

S39-TB-2020-1

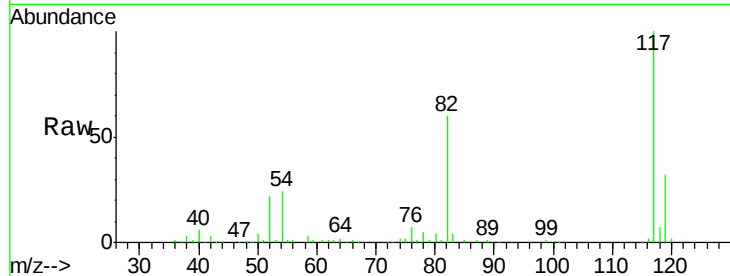
Tot Ion:117 Resp: 217594

Ion Ratio Lower Upper

117 100

82 59.9 49.0 73.4

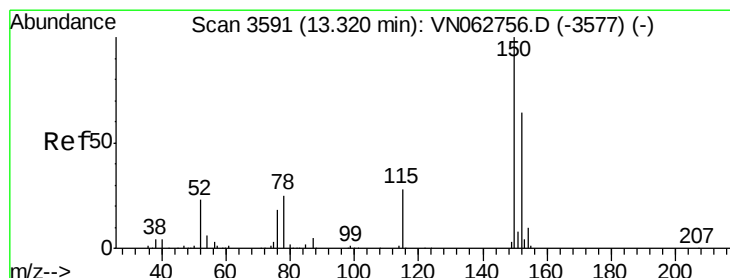
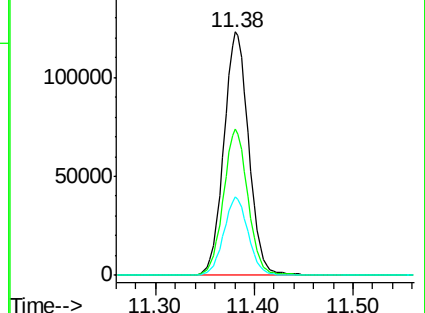
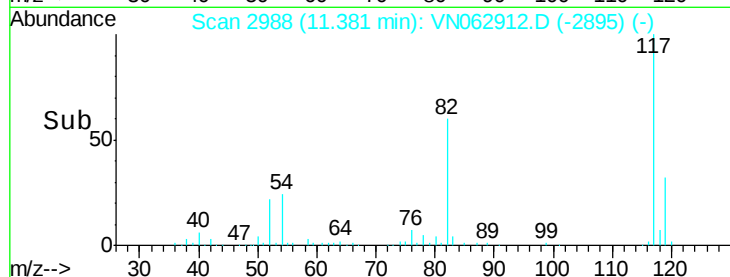
119 32.1 26.2 39.2



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# 3591

Delta R.T. -0.00 min

Lab File: VN062912.D

Acq: 13 Aug 2020 15:39

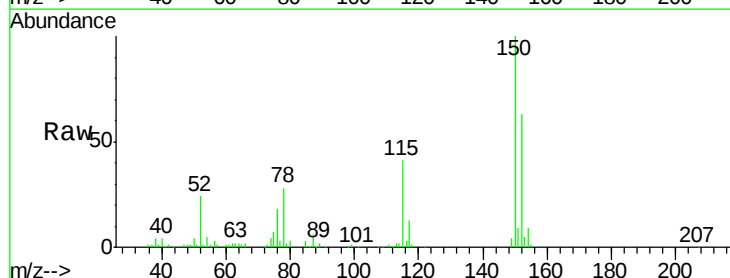
Tgt Ion:152 Resp: 82586

Ion Ratio Lower Upper

152 100

115 63.7 31.6 94.8

150 157.8 0.0 349.2



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

