

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073120\
 Data File : VN062701.D
 Acq On : 31 Jul 2020 22:21
 Operator : JC/MD
 Sample : VN0731WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBL02

Quant Time: Aug 01 06:22:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	129991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	235392	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	230083	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	86499	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	112829	55.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	111.74%	
35) Dibromofluoromethane	7.55	113	77280	49.98	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.96%	
50) Toluene-d8	10.06	98	302144	48.98	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.96%	
62) 4-Bromofluorobenzene	12.38	95	112131	49.71	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.42%	

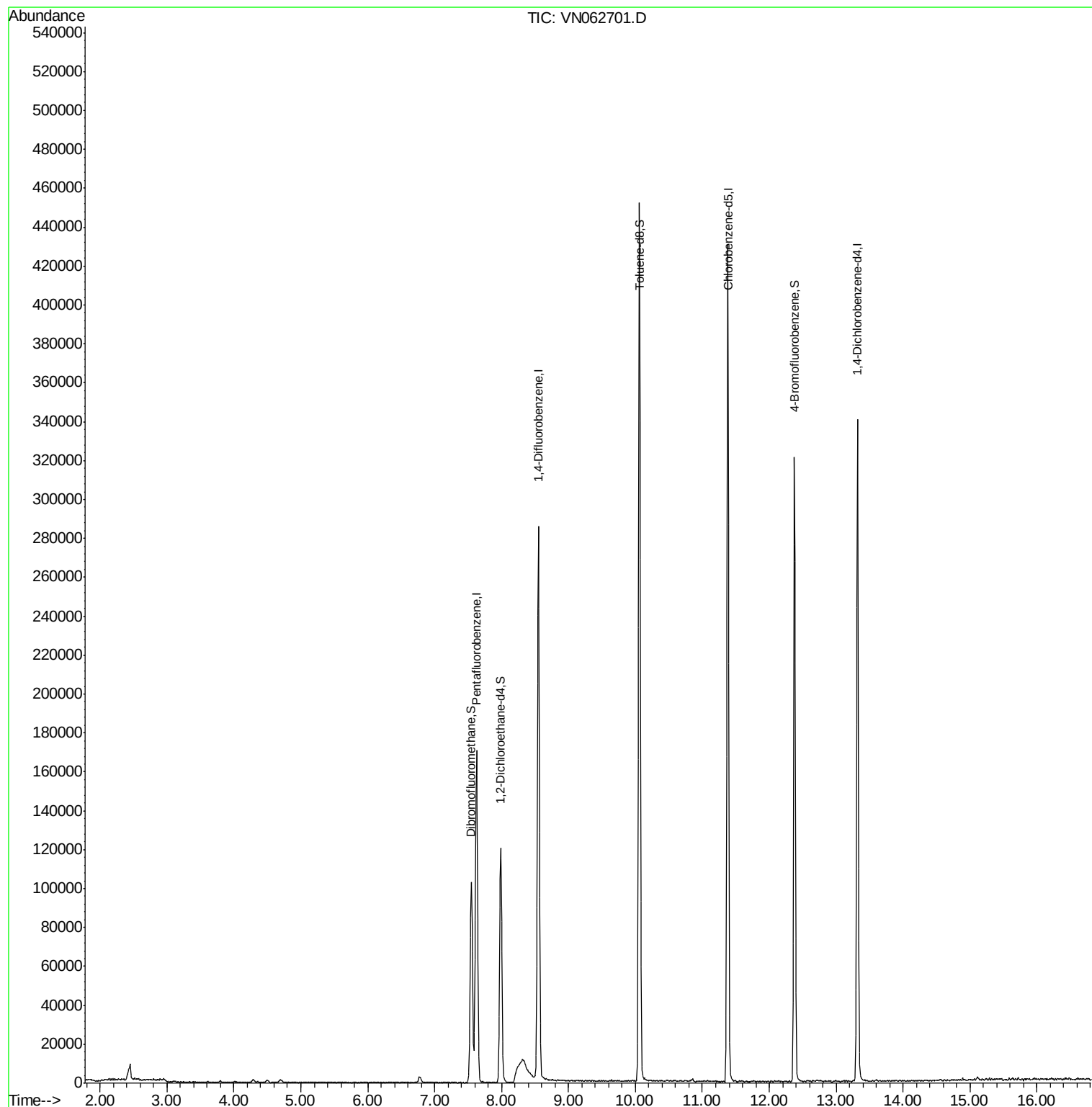
Target Compounds	Qvalue
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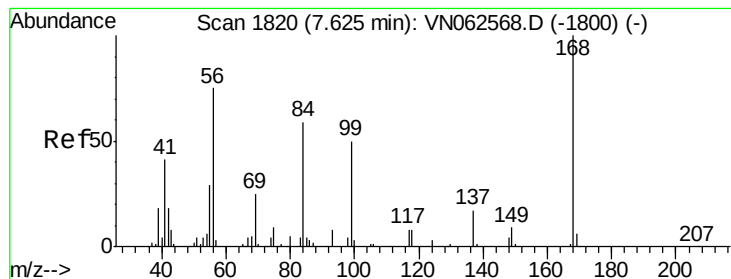
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN062701.D

Acq: 31 Jul 2020 22:21

Instrument :

MSVOA_N

ClientSampleId :

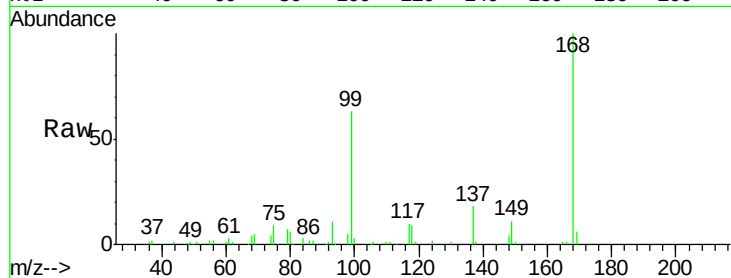
VN0731WBL02

Tot Ion:168 Resp: 129991

Ion Ratio Lower Upper

168 100

99 63.2 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

60000

50000

40000

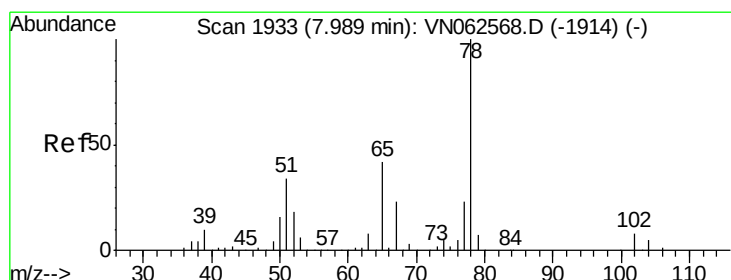
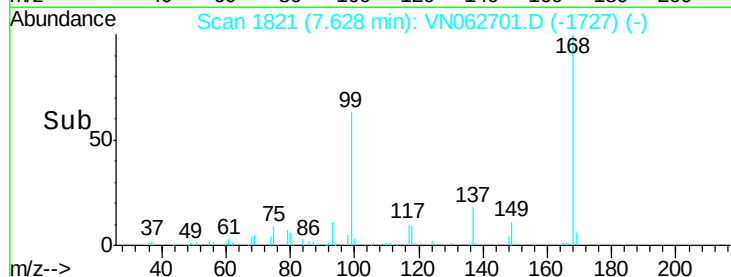
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 55.874 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062701.D

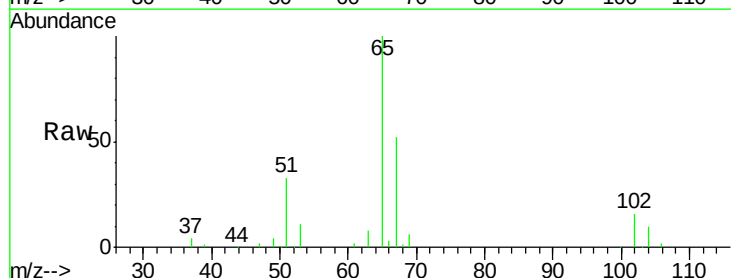
Acq: 31 Jul 2020 22:21

Tgt Ion: 65 Resp: 112829

Ion Ratio Lower Upper

65 100

67 51.0 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

50000

40000

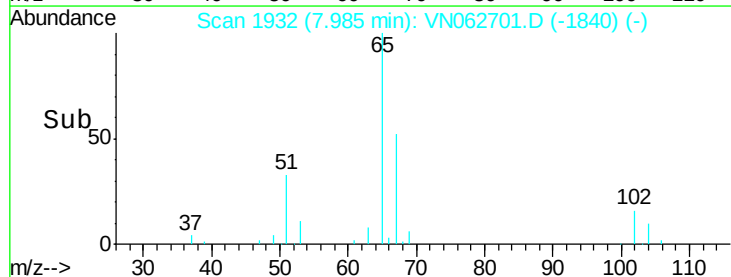
30000

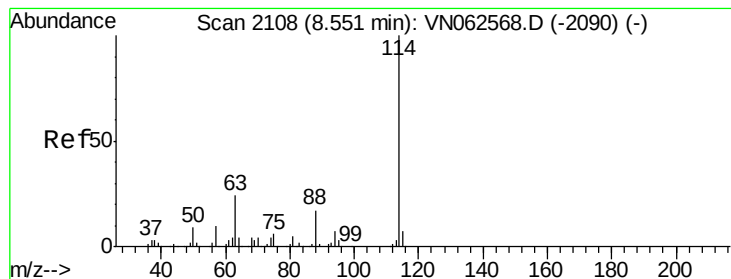
20000

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: VN062701.D

Acq: 31 Jul 2020 22:21

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBL02

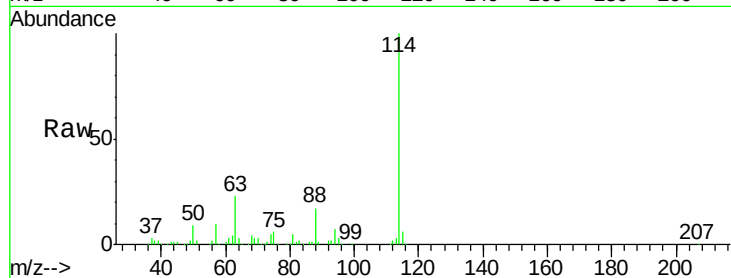
Tot Ion:114 Resp: 235392

Ion Ratio Lower Upper

114 100

63 23.2 0.0 48.4

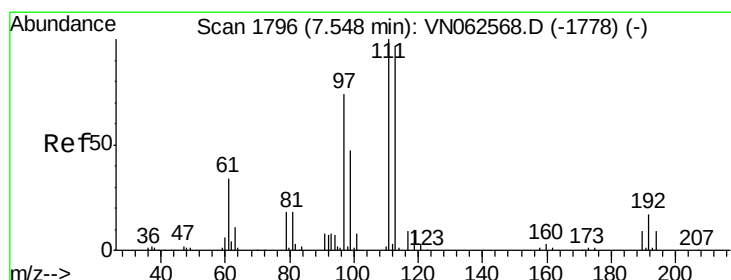
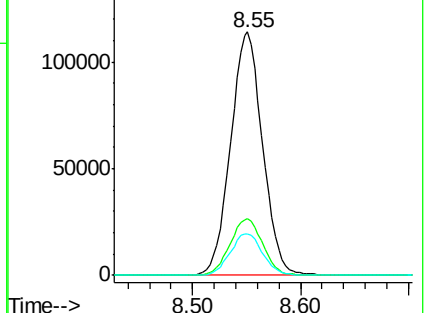
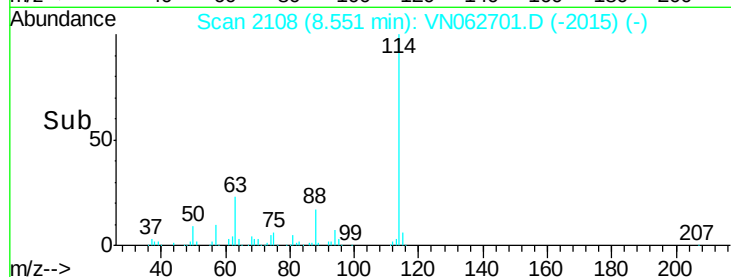
88 17.1 0.0 33.8



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: 49.981 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN062701.D

Acq: 31 Jul 2020 22:21

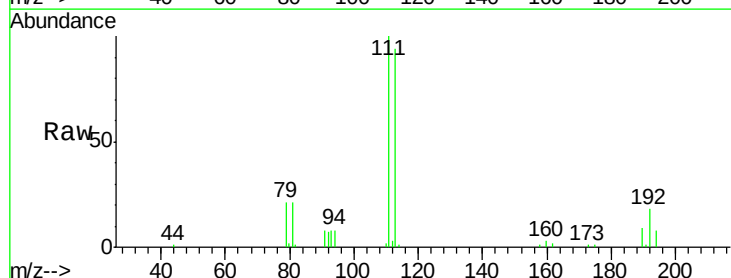
Tgt Ion:113 Resp: 77280

Ion Ratio Lower Upper

113 100

111 104.5 82.7 124.1

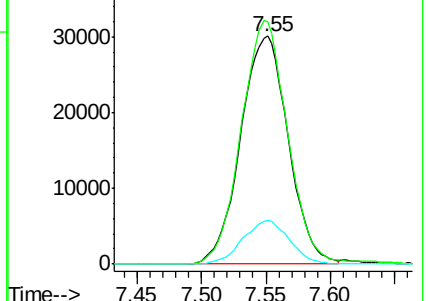
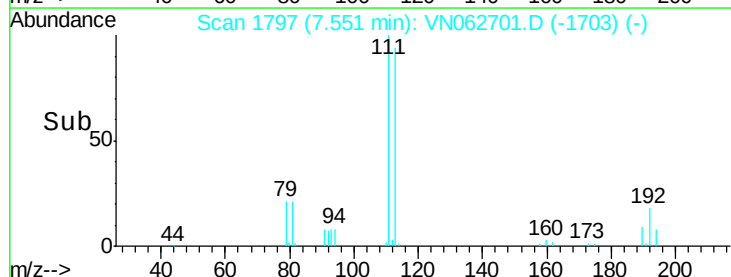
192 18.7 14.8 22.2

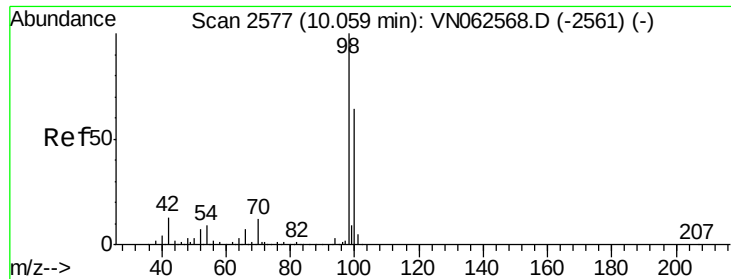


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

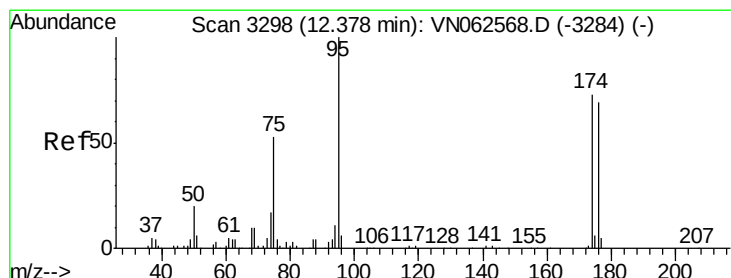
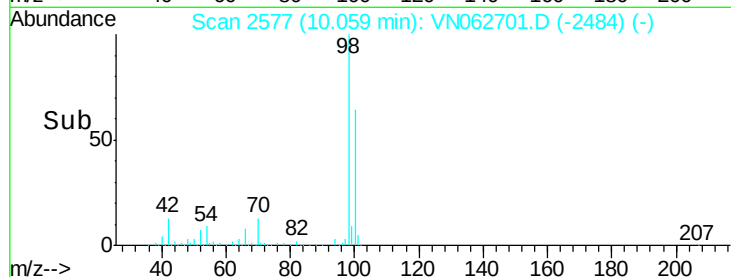
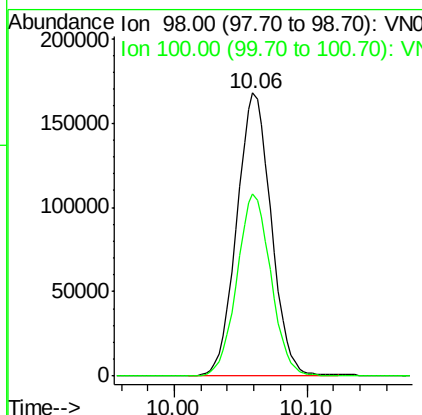
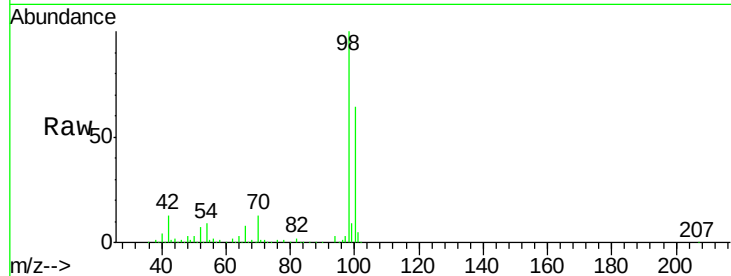




#50
Toluene-d8
Concen: 48.976 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062701.D
Acq: 31 Jul 2020 22:21

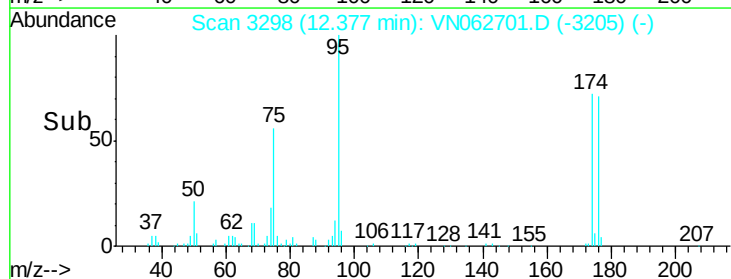
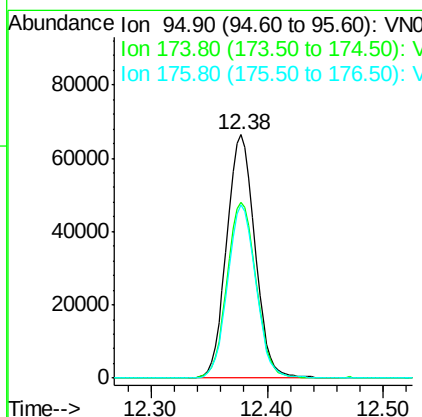
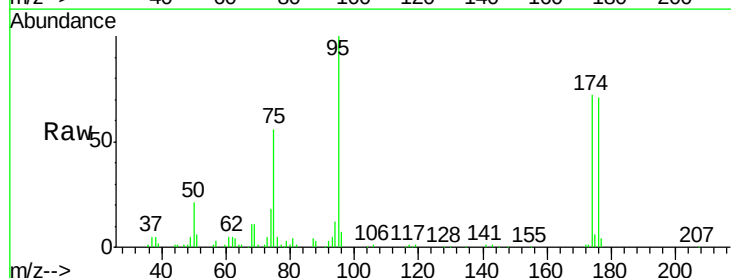
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBL02

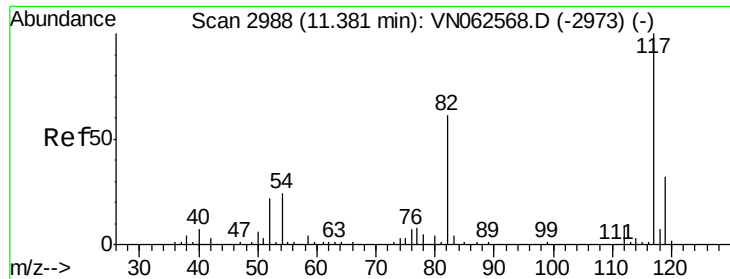
Tot Ion: 98 Resp: 302144
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 49.710 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062701.D
Acq: 31 Jul 2020 22:21

Tgt Ion: 95 Resp: 112131
Ion Ratio Lower Upper
95 100
174 73.7 0.0 144.6
176 70.9 0.0 139.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062701.D

Acq: 31 Jul 2020 22:21

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBL02

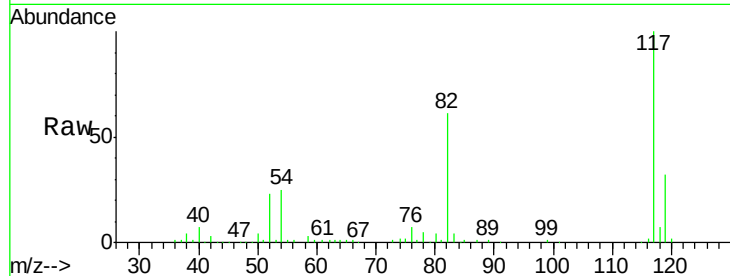
Tot Ion:117 Resp: 230083

Ion Ratio Lower Upper

117 100

82 61.3 49.0 73.6

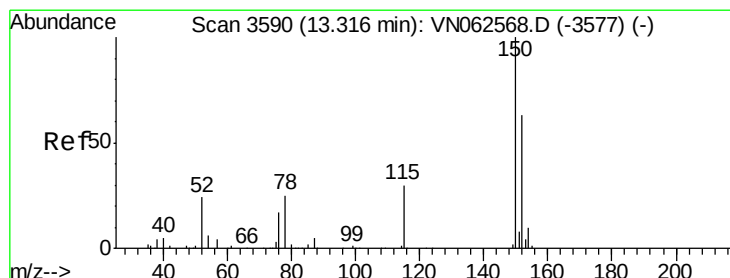
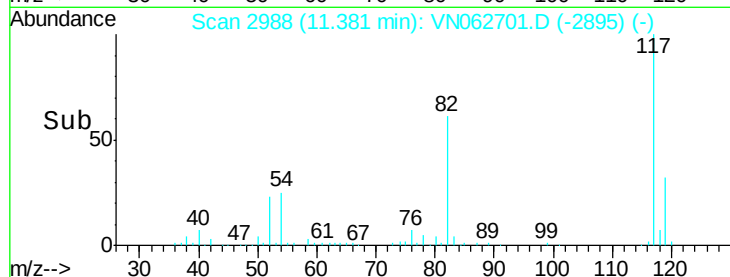
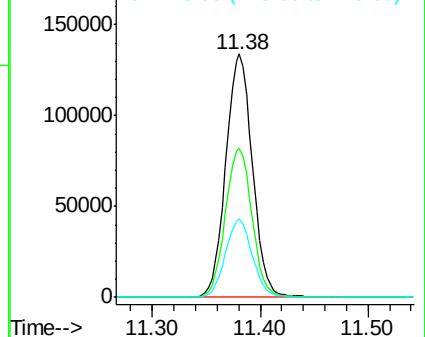
119 32.0 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

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: VN062701.D

Acq: 31 Jul 2020 22:21

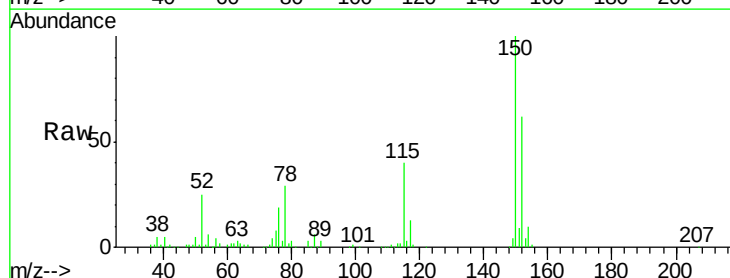
Tgt Ion:152 Resp: 86499

Ion Ratio Lower Upper

152 100

115 63.9 31.8 95.4

150 160.3 0.0 351.4



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

