

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082620\
 Data File : VN063142.D
 Acq On : 26 Aug 2020 18:59
 Operator : JC/MD
 Sample : I.BLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Quant Time: Aug 27 02:12:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

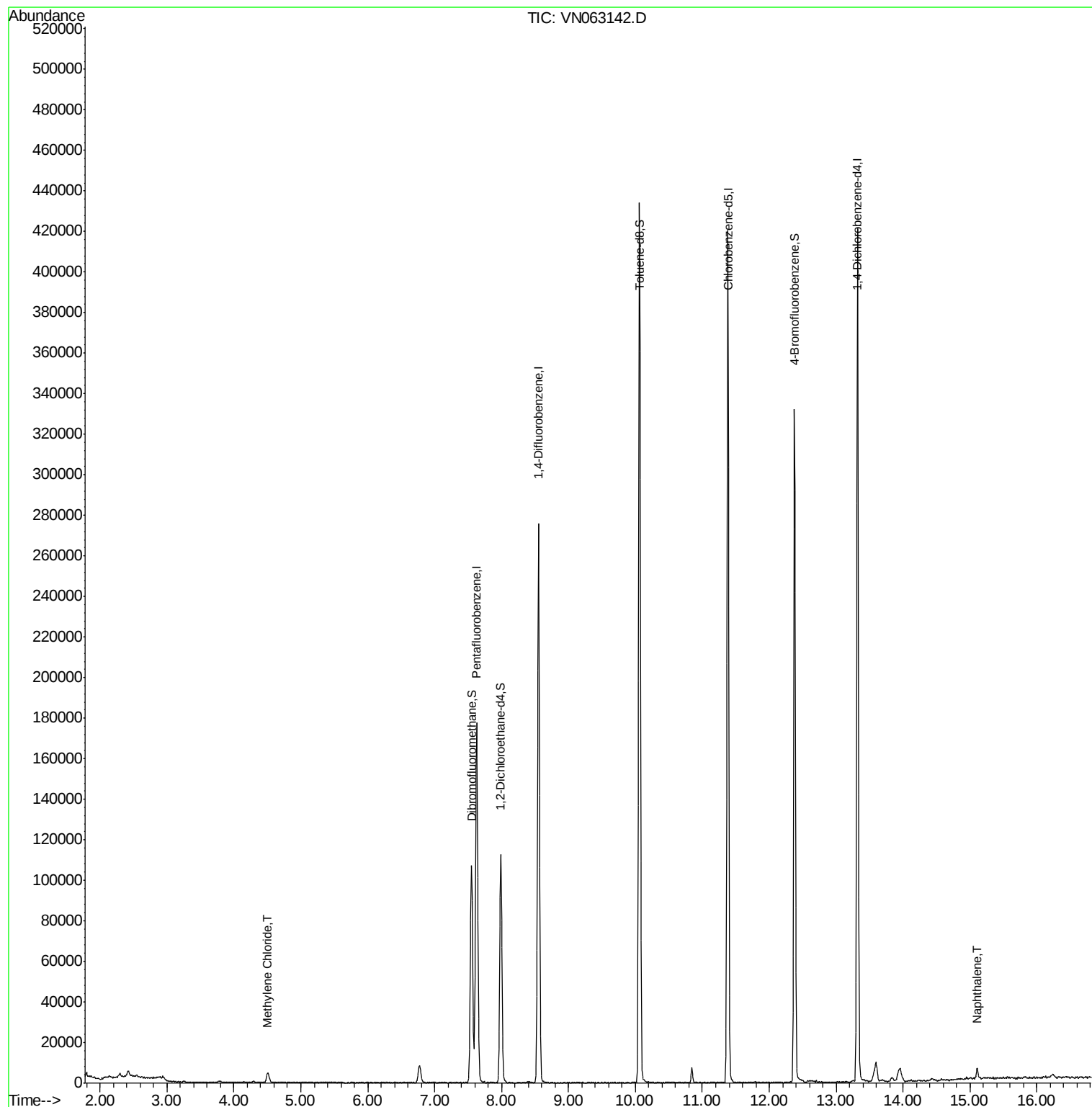
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	152822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	252450	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	254638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	118246	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	96364	53.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.40%	
35) Dibromofluoromethane	7.55	113	83348	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
50) Toluene-d8	10.06	98	317238	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
62) 4-Bromofluorobenzene	12.38	95	118019	52.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.86%	
Target Compounds						
20) Methylene Chloride	4.50	84	3746	1.038	ug/l	95
95) Naphthalene	15.11	128	6107	6.791	ug/l #	97

(#) = 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# 1821

Delta R.T. 0.00 min

Lab File: VN063142.D

Acq: 26 Aug 2020 18:59

Instrument :

MSVOA_N

ClientSampleId :

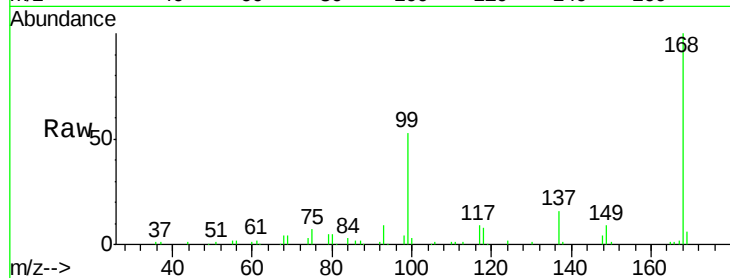
I.BLK

Tot Ion:168 Resp: 152822

Ion Ratio Lower Upper

168 100

99 52.7 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

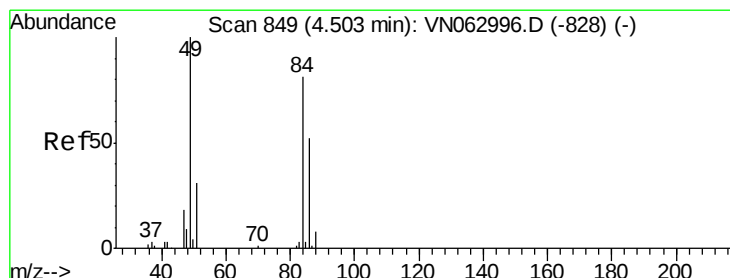
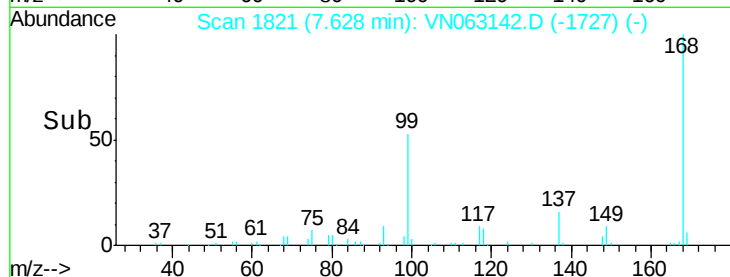
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#20

Methylene Chloride

Concen: 1.038 ug/l

RT: 4.50 min Scan# 849

Delta R.T. 0.00 min

Lab File: VN063142.D

Acq: 26 Aug 2020 18:59

Tgt Ion: 84 Resp: 3746

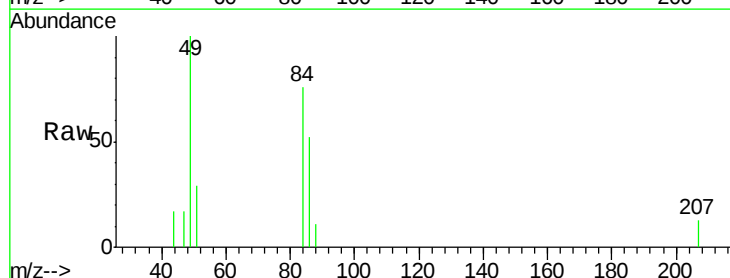
Ion Ratio Lower Upper

84 100

49 131.1 98.7 148.1

51 38.4 30.8 46.2

86 68.3 51.2 76.8



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

2500

2000

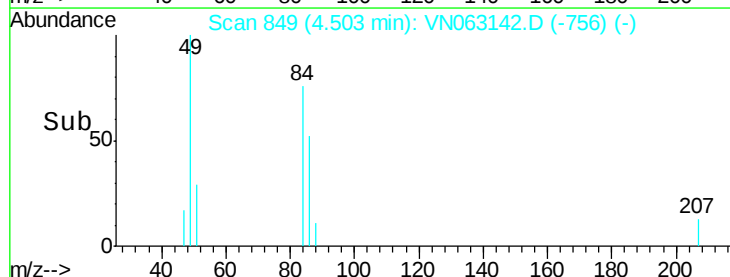
1500

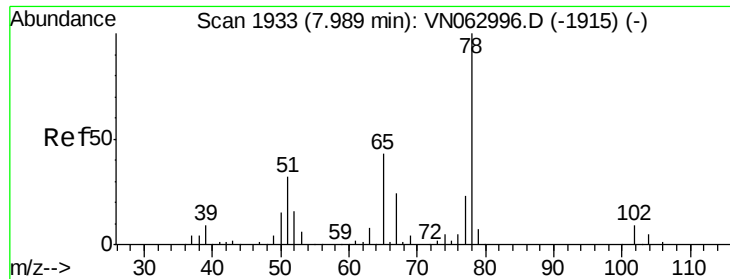
1000

500

0

Time--> 4.45 4.50 4.55

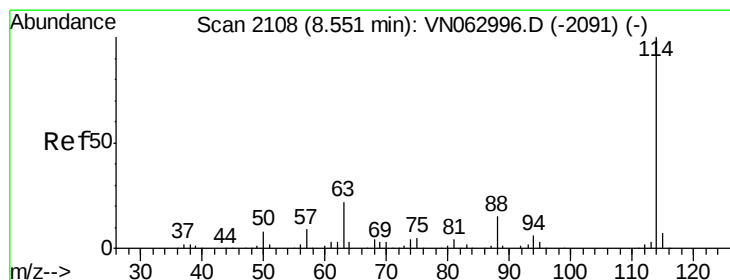
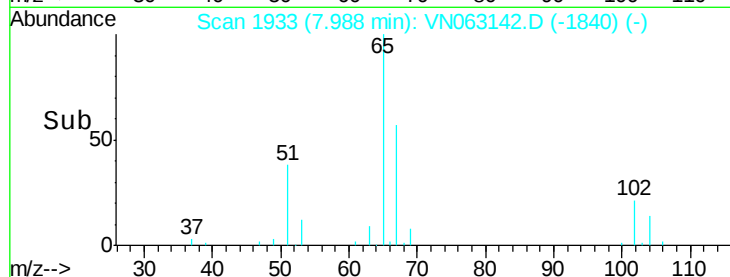
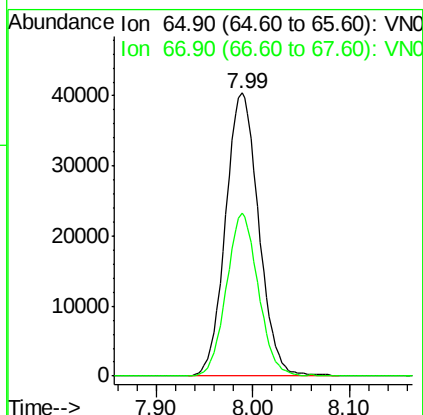
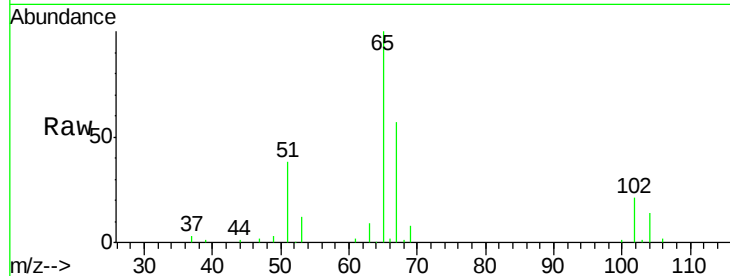




#33
 1,2-Dichloroethane-d4
 Concen: 53.204 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN063142.D
 Acq: 26 Aug 2020 18:59

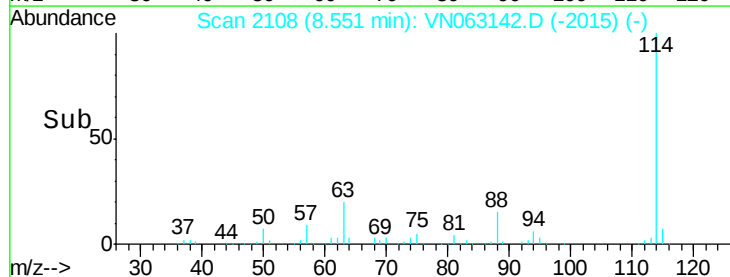
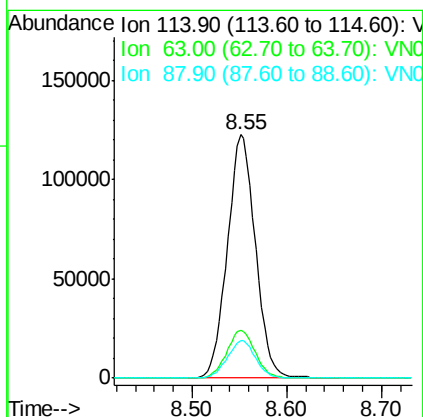
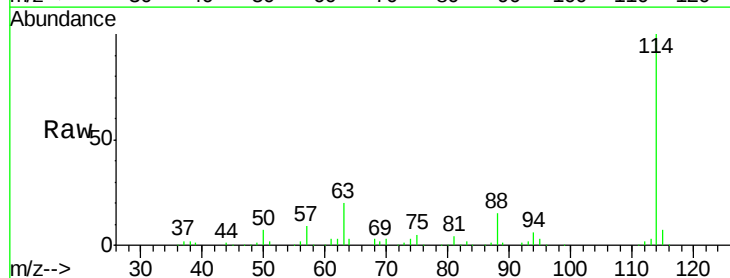
Instrument :
 MSVOA_N
 ClientSampled :
 I.BLK

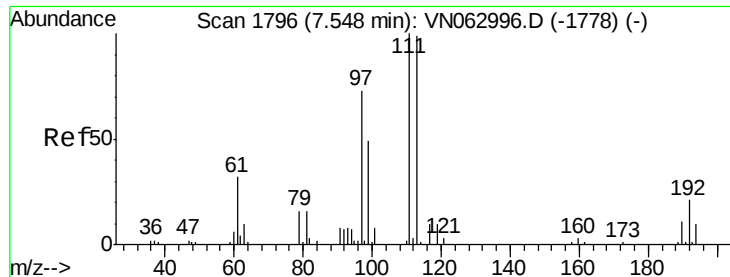
Tot Ion: 65 Resp: 96364
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN063142.D
 Acq: 26 Aug 2020 18:59

Tgt Ion: 114 Resp: 252450
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 43.2
 88 15.3 0.0 30.6

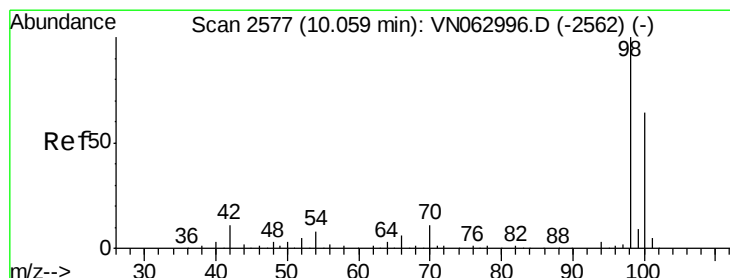
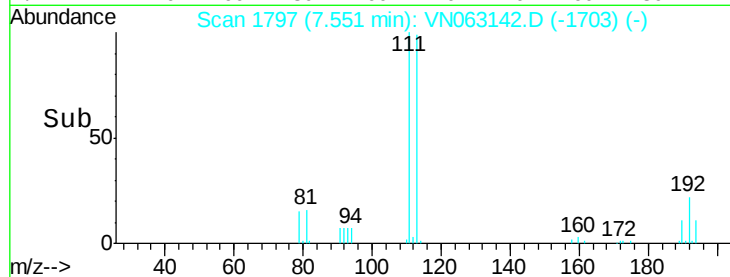
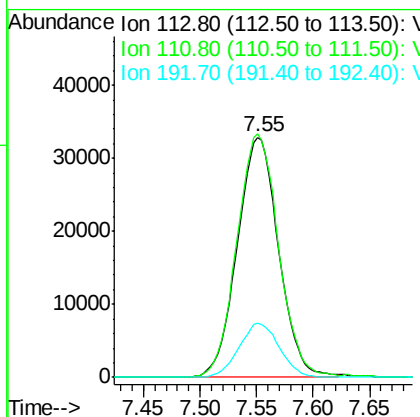
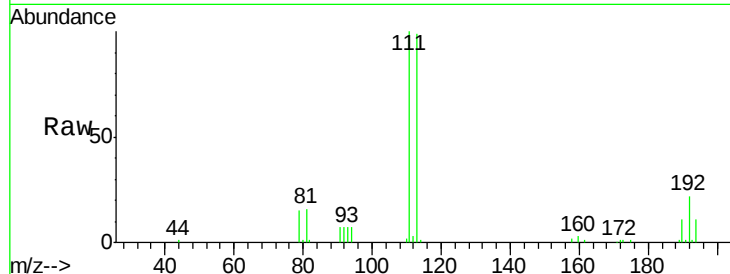




#35
 Dibromofluoromethane
 Concen: 50.669 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN063142.D
 Acq: 26 Aug 2020 18:59

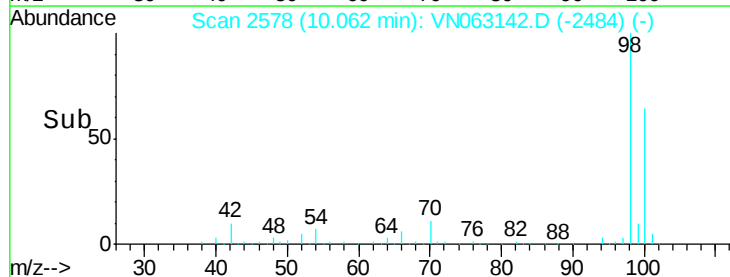
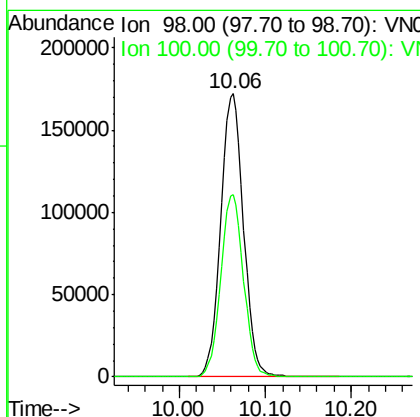
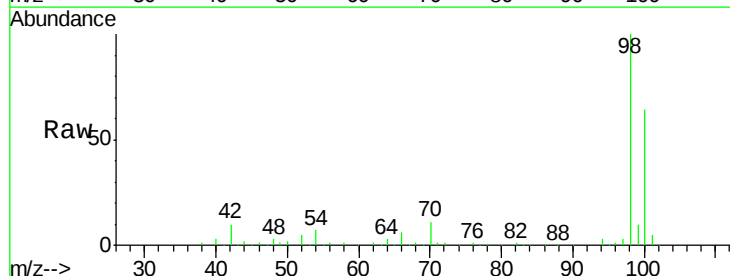
Instrument :
 MSVOA_N
 ClientSampled :
 I.BLK

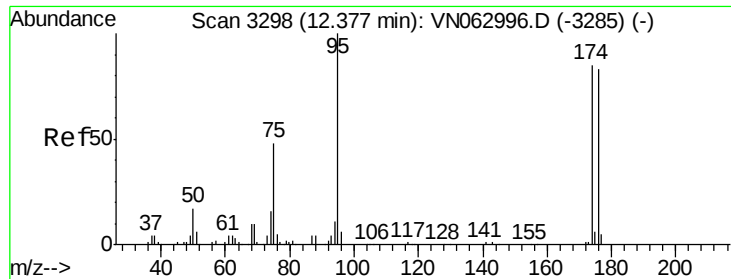
Tot Ion:113 Resp: 83348
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.7 122.5
 192 22.0 17.5 26.3



#50
 Toluene-d8
 Concen: 50.209 ug/l
 RT: 10.06 min Scan# 2578
 Delta R.T. 0.00 min
 Lab File: VN063142.D
 Acq: 26 Aug 2020 18:59

Tgt Ion: 98 Resp: 317238
 Ion Ratio Lower Upper
 98 100
 100 64.1 51.2 76.8

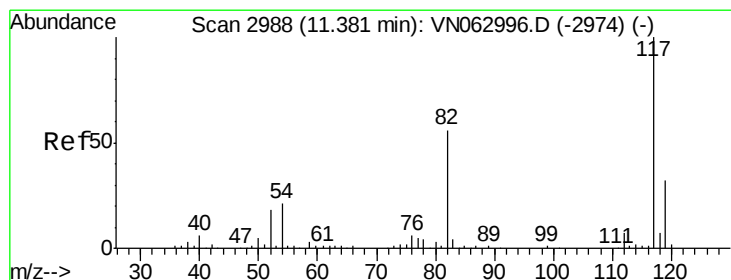
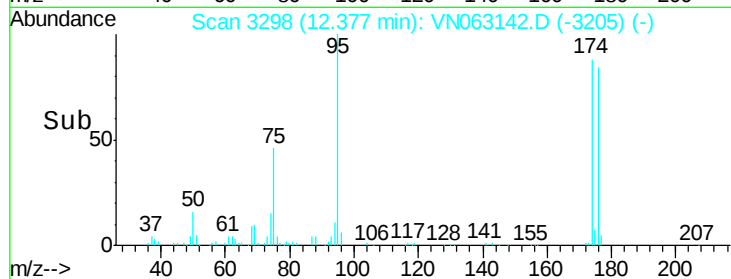
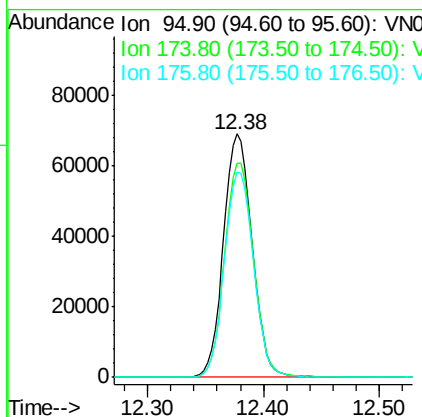
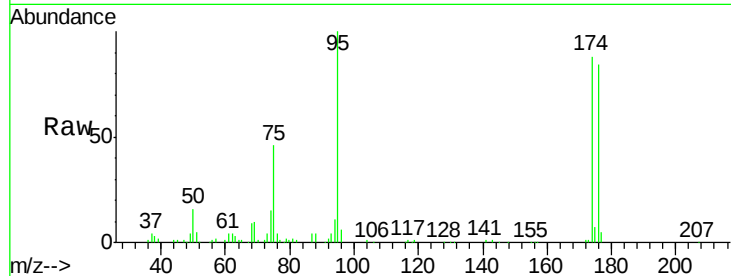




#62
4-Bromofluorobenzene
Concen: 52.932 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN063142.D
Acq: 26 Aug 2020 18:59

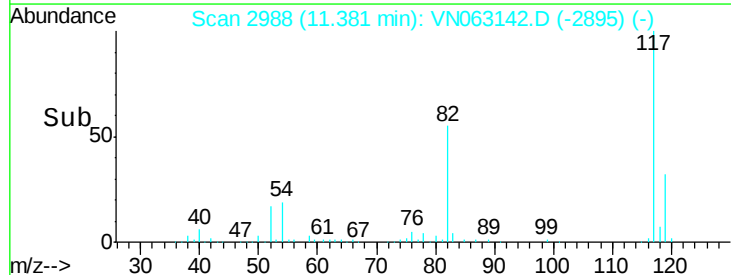
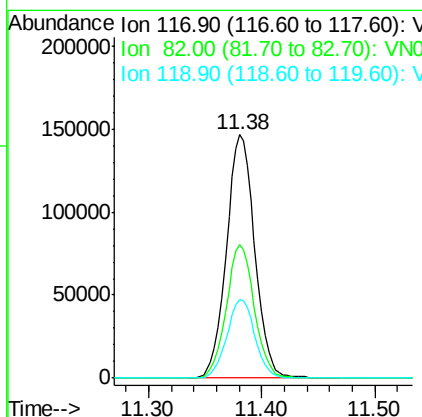
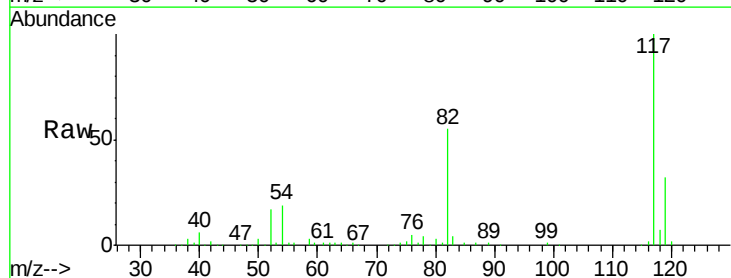
Instrument :
MSVOA_N
ClientSampleId :
I.BLK

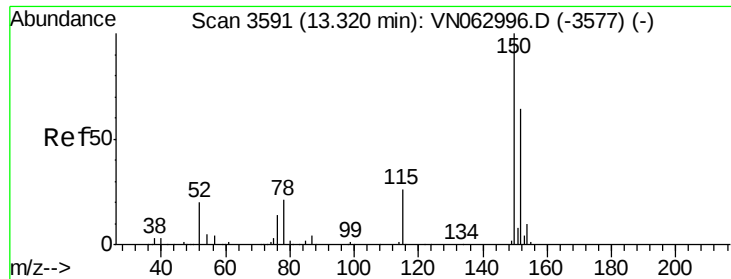
Tot Ion: 95 Resp: 118019
Ion Ratio Lower Upper
95 100
174 89.3 0.0 170.8
176 85.7 0.0 164.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN063142.D
Acq: 26 Aug 2020 18:59

Tgt Ion: 117 Resp: 254638
Ion Ratio Lower Upper
117 100
82 54.9 44.5 66.7
119 32.3 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN063142.D

Acq: 26 Aug 2020 18:59

Instrument :

MSVOA_N

ClientSampled :

I.BLK

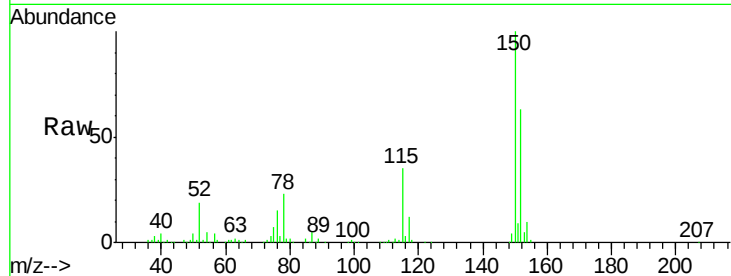
Tot Ion:152 Resp: 118246

Ion Ratio Lower Upper

152 100

115 56.7 28.7 86.3

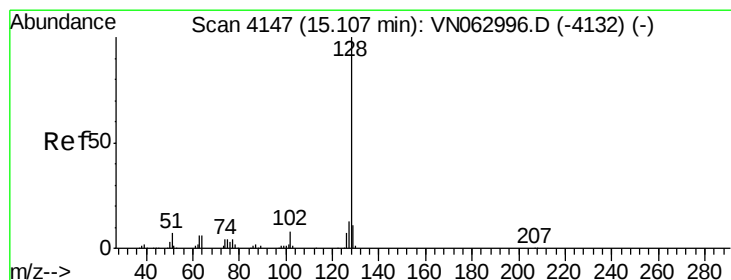
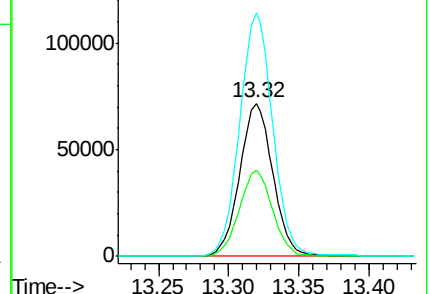
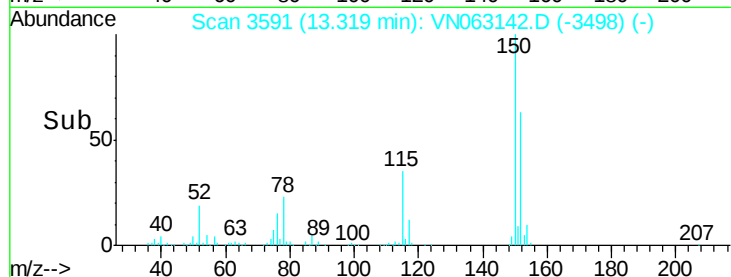
150 159.6 0.0 348.8



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



#95

Naphthalene

Concen: 6.791 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN063142.D

Acq: 26 Aug 2020 18:59

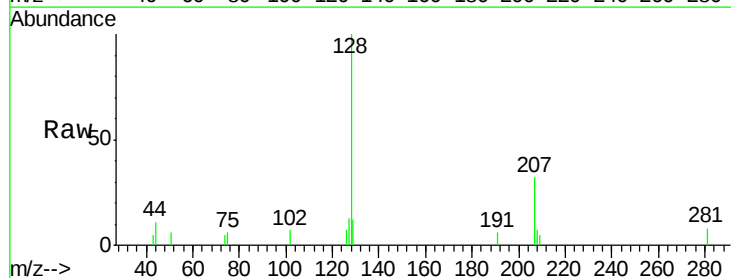
Tgt Ion:128 Resp: 6107

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 8.8 8.9 13.3#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

