

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062068.D
 Acq On : 24 Jun 2020 17:24
 Operator : JC/MD
 Sample : L3077-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Jun 25 05:02:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	214604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	397583	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	381220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	140432	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	150074	49.83	ug/l	0.00
Spiked Amount			Recovery	=	99.66%	
35) Dibromofluoromethane	7.55	113	128754	50.48	ug/l	0.00
Spiked Amount			Recovery	=	100.96%	
50) Toluene-d8	10.06	98	500152	49.05	ug/l	0.00
Spiked Amount			Recovery	=	98.10%	
62) 4-Bromofluorobenzene	12.38	95	160427	46.57	ug/l	0.00
Spiked Amount			Recovery	=	93.14%	

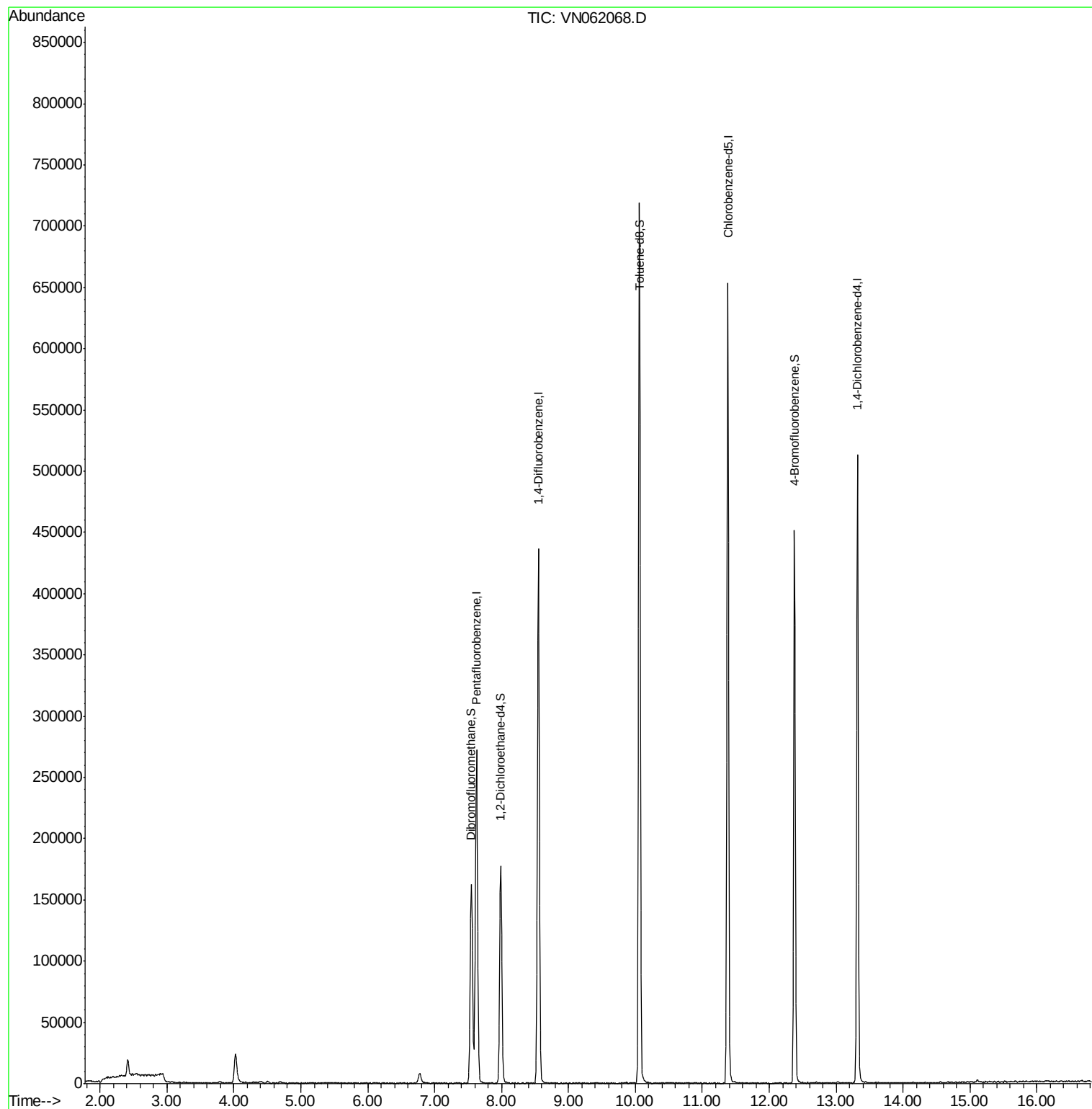
Target Compounds	Qvalue
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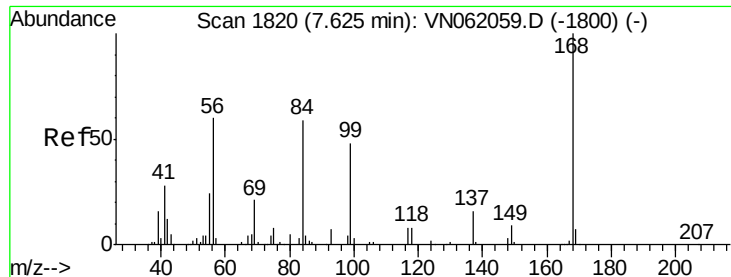
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN062068.D

Acq: 24 Jun 2020 17:24

Instrument :

MSVOA_N

ClientSampleId :

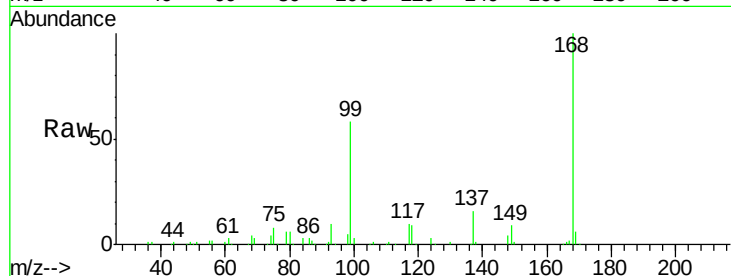
STORAGE-BLANK-SOIL-REF-6

Tot Ion:168 Resp: 214604

Ion Ratio Lower Upper

168 100

99 57.9 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

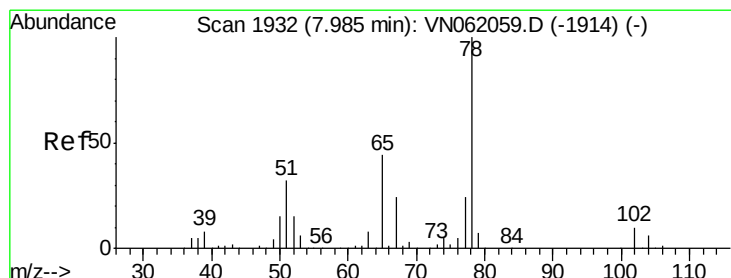
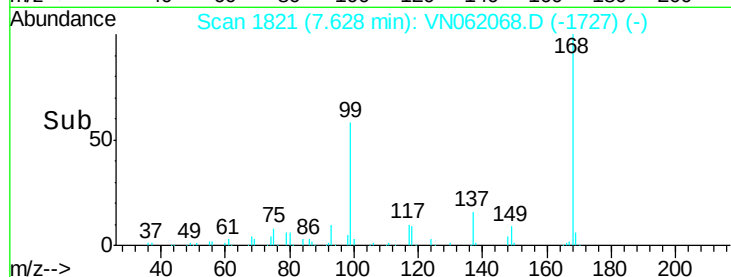
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 49.832 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062068.D

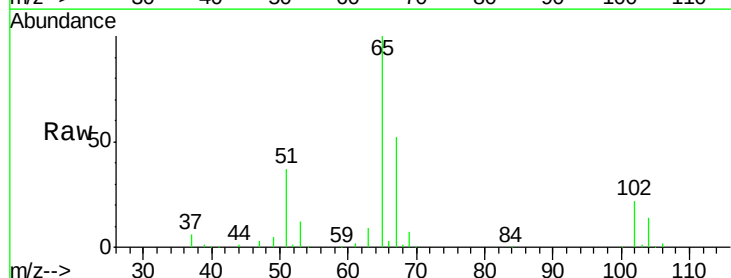
Acq: 24 Jun 2020 17:24

Tgt Ion: 65 Resp: 150074

Ion Ratio Lower Upper

65 100

67 52.7 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

7.99

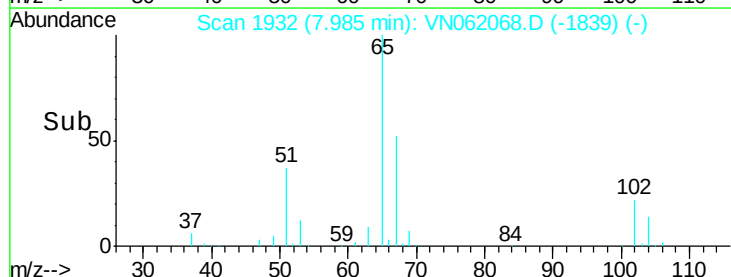
60000

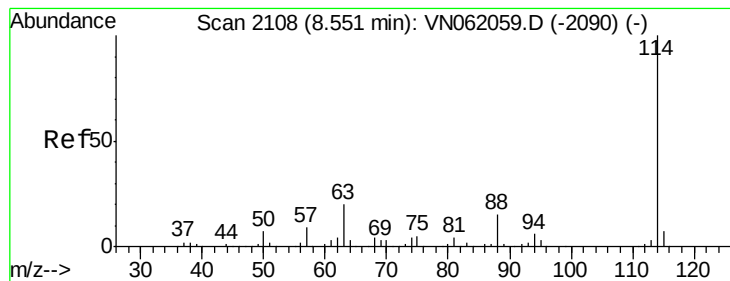
40000

20000

0

Time--> 7.90 7.95 8.00 8.05 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: VN062068.D

Acq: 24 Jun 2020 17:24

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

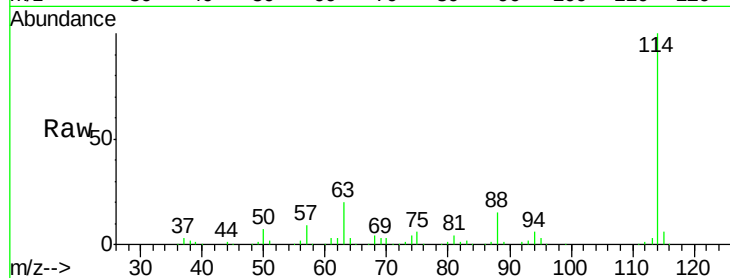
Tot Ion:114 Resp: 397583

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.2

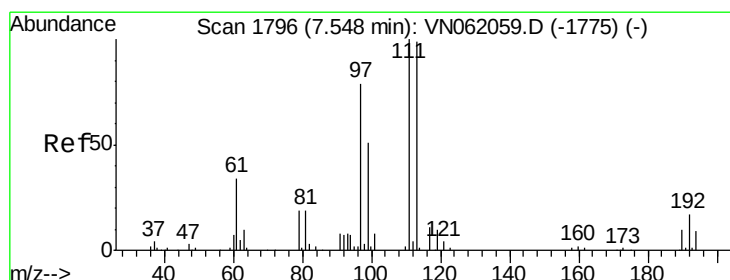
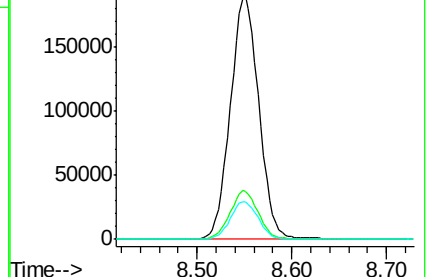
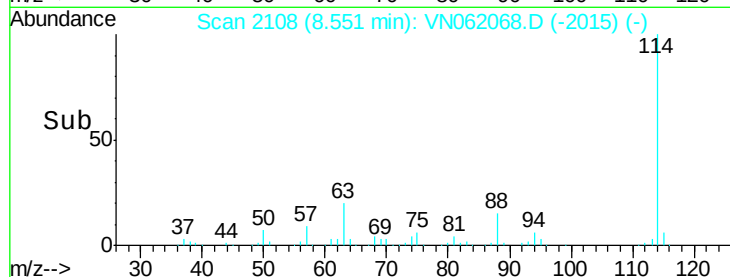
88 15.4 0.0 30.8



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: 50.478 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN062068.D

Acq: 24 Jun 2020 17:24

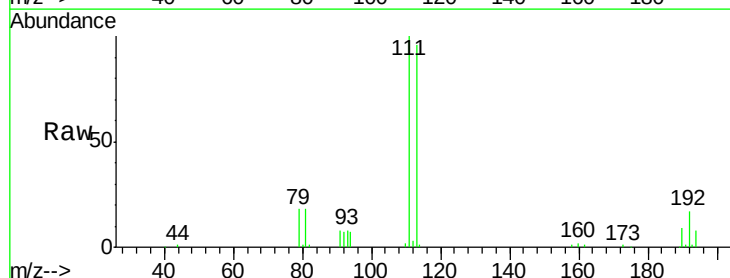
Tgt Ion:113 Resp: 128754

Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

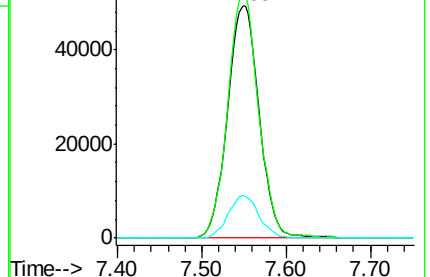
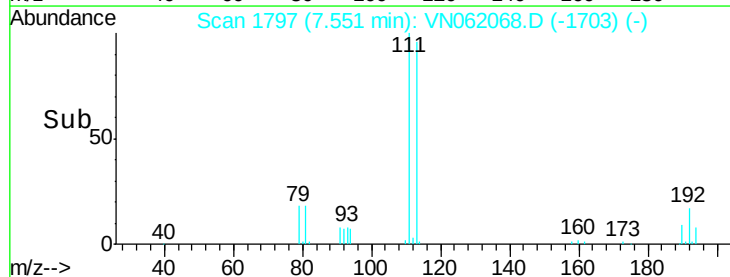
192 17.9 14.0 21.0

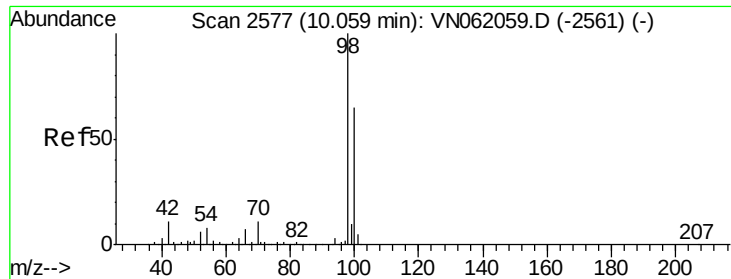


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

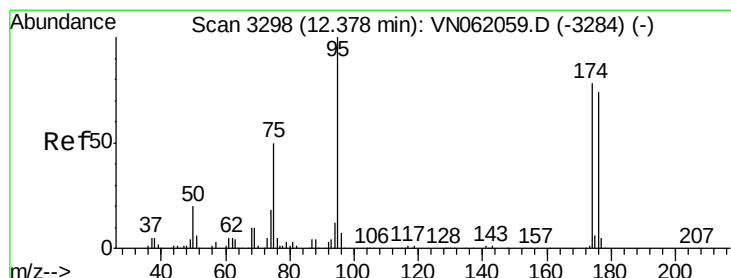
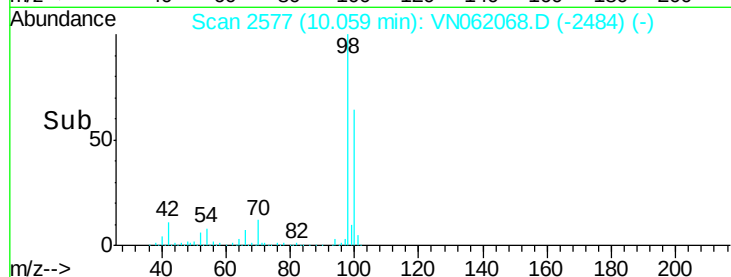
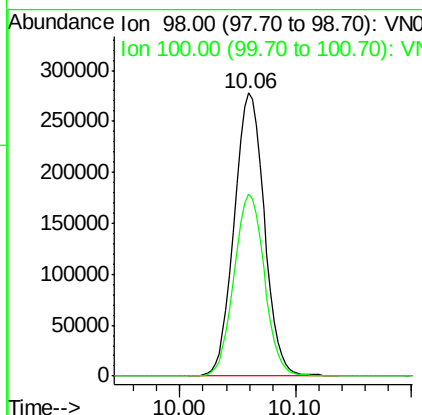
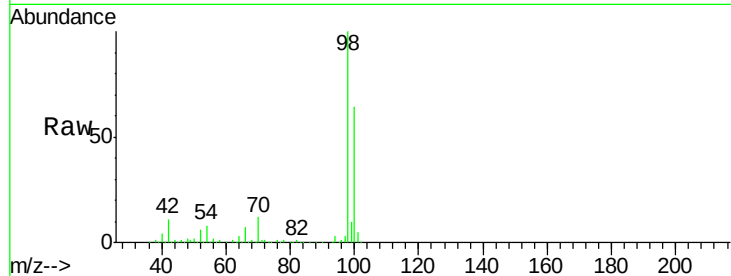




#50
Toluene-d8
Concen: 49.054 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062068.D
Acq: 24 Jun 2020 17:24

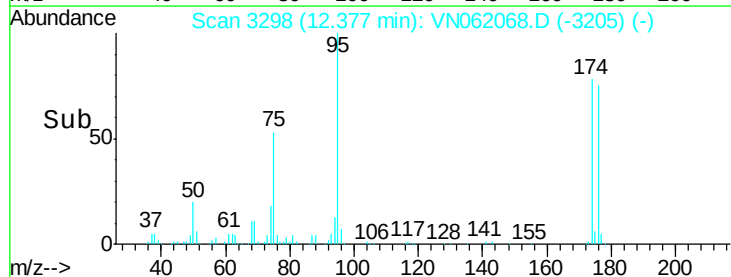
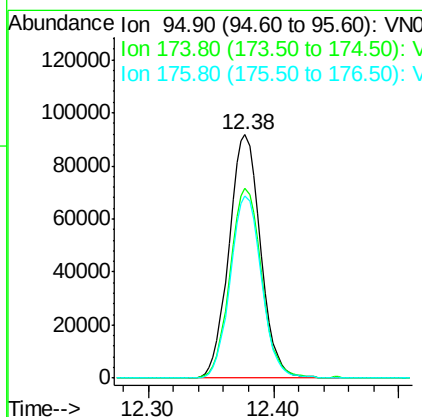
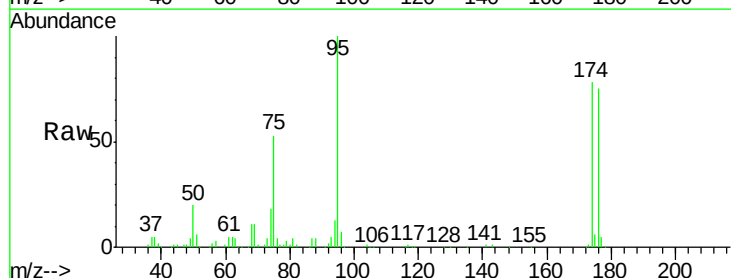
Instrument :
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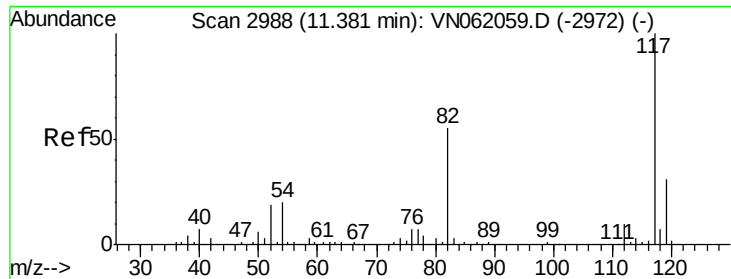
Tot Ion: 98 Resp: 500152
Ion Ratio Lower Upper
98 100
100 65.0 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 46.571 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062068.D
Acq: 24 Jun 2020 17:24

Tgt Ion: 95 Resp: 160427
Ion Ratio Lower Upper
95 100
174 78.1 0.0 154.8
176 74.2 0.0 147.4

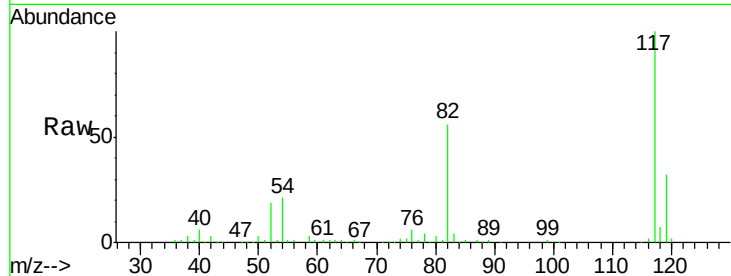




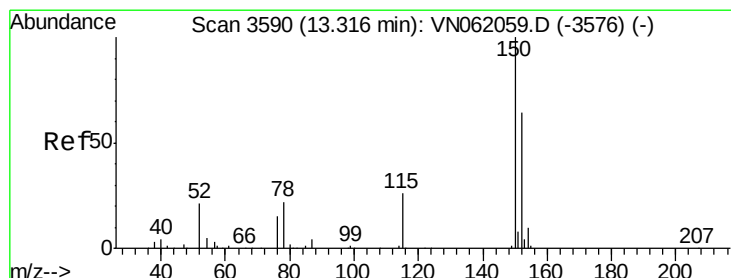
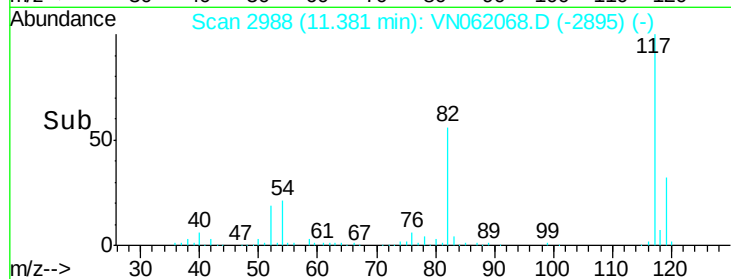
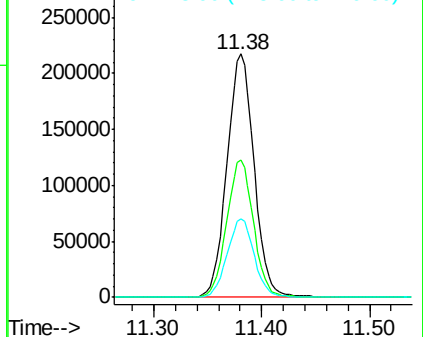
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062068.D
Acq: 24 Jun 2020 17:24

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tot Ion:117 Resp: 381220
Ion Ratio Lower Upper
117 100
82 56.3 43.8 65.8
119 32.1 25.2 37.8

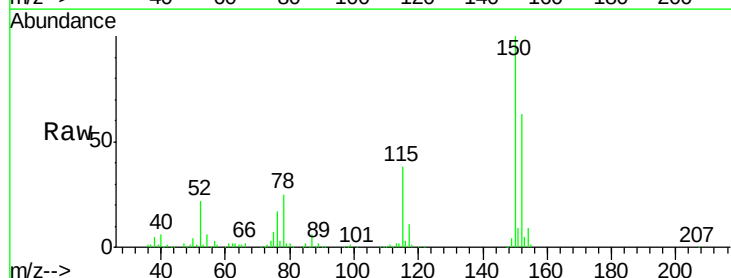


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062068.D
Acq: 24 Jun 2020 17:24

Tgt Ion:152 Resp: 140432
Ion Ratio Lower Upper
152 100
115 58.8 29.5 88.5
150 155.8 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

