

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072820\
 Data File : VN062640.D
 Acq On : 28 Jul 2020 18:44
 Operator : JC/MD
 Sample : L3432-17
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 69-71

Quant Time: Jul 29 05:13:52 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	158691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	280890	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	273605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	90714	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	130244	52.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.66%	
35) Dibromofluoromethane	7.55	113	92391	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
50) Toluene-d8	10.06	98	364954	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
62) 4-Bromofluorobenzene	12.38	95	122371	45.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.92%	

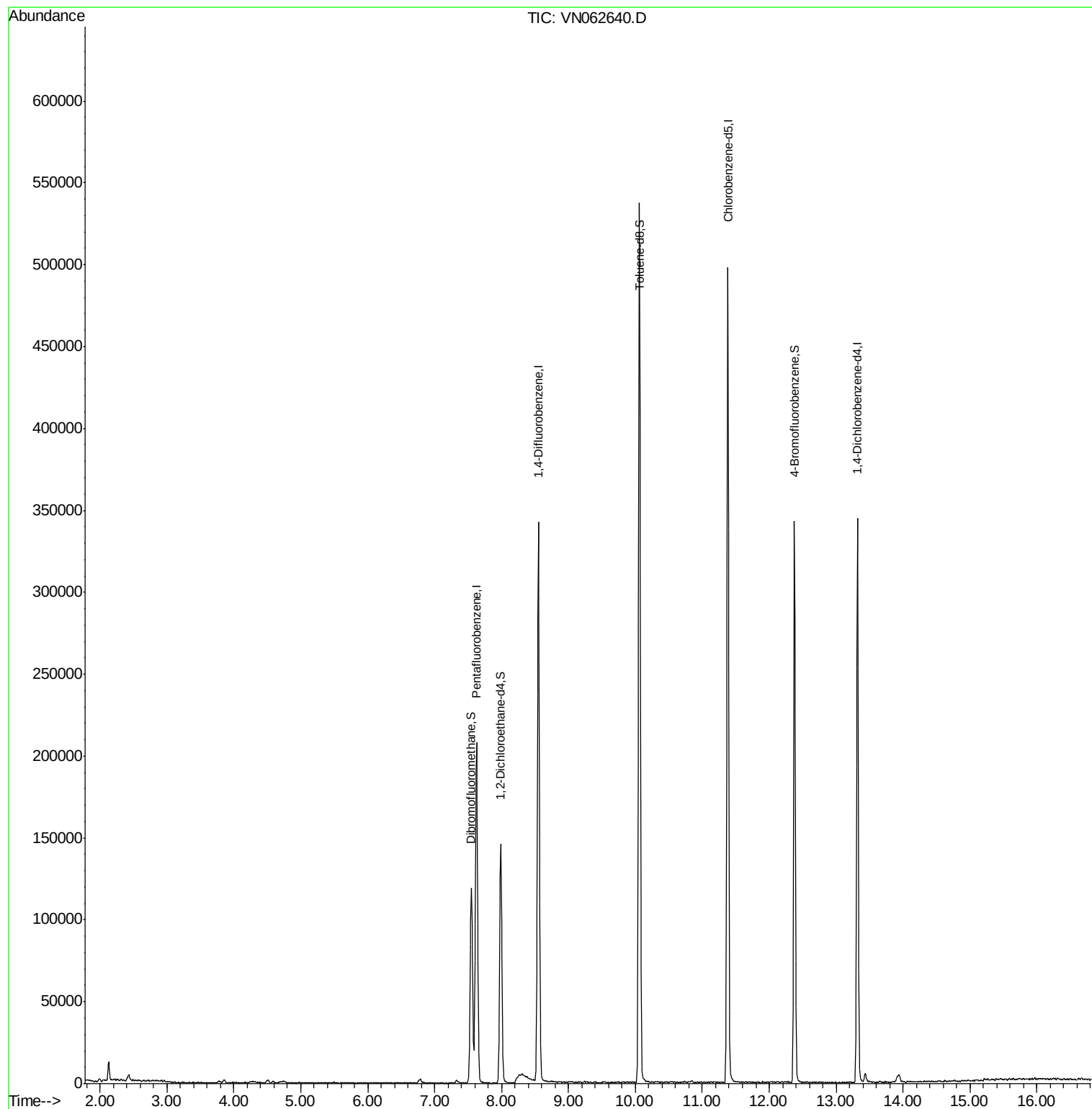
Target Compounds	Qvalue

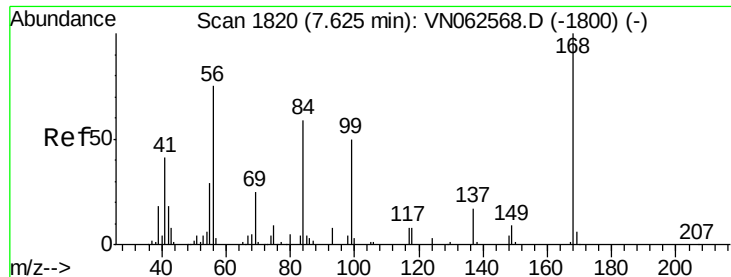
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062640.D

Acq: 28 Jul 2020 18:44

Instrument :

MSVOA_N

ClientSampled :

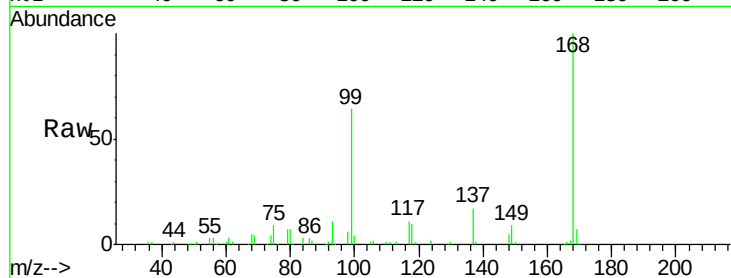
69-71

Tgt Ion:168 Resp: 158691

Ion Ratio Lower Upper

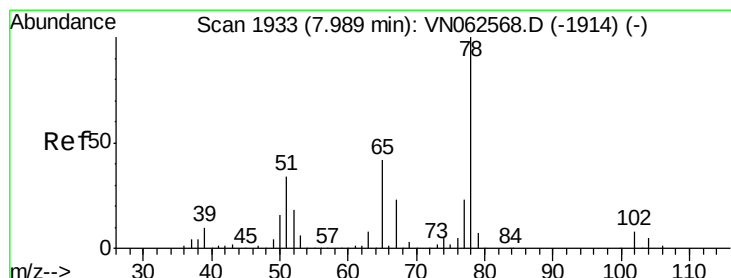
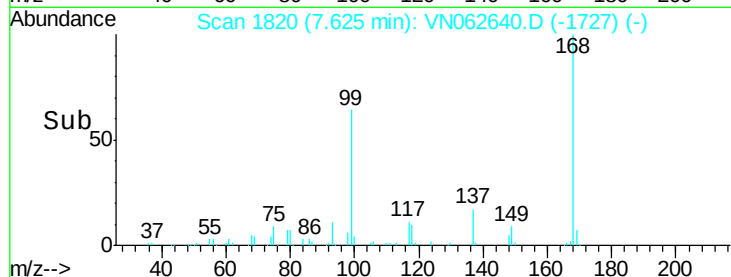
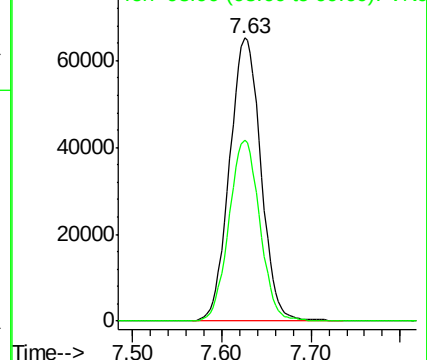
168 100

99 64.0 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 52.833 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062640.D

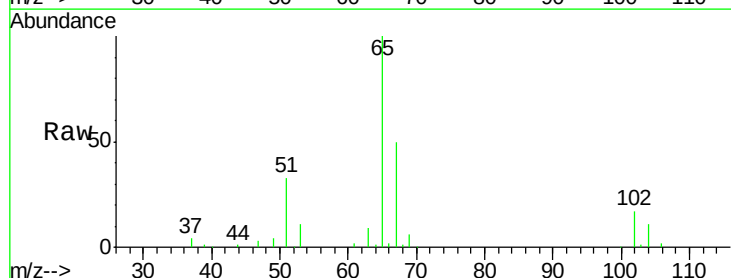
Acq: 28 Jul 2020 18:44

Tgt Ion: 65 Resp: 130244

Ion Ratio Lower Upper

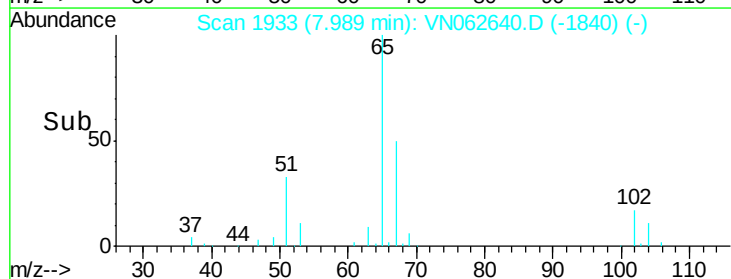
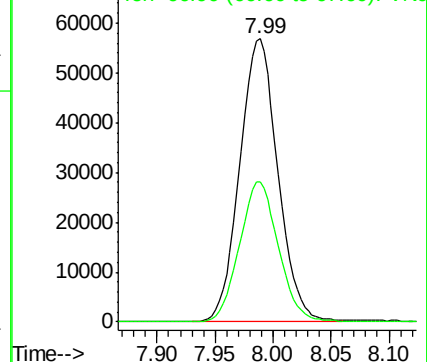
65 100

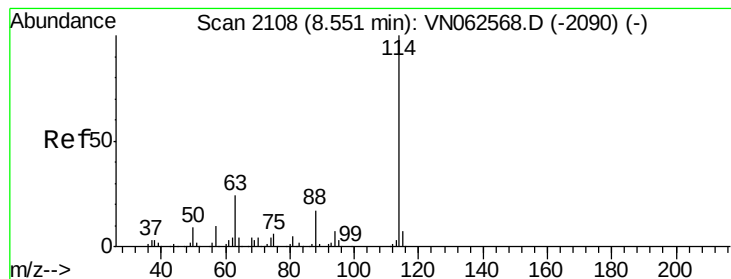
67 50.6 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN062640.D

Acq: 28 Jul 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

69-71

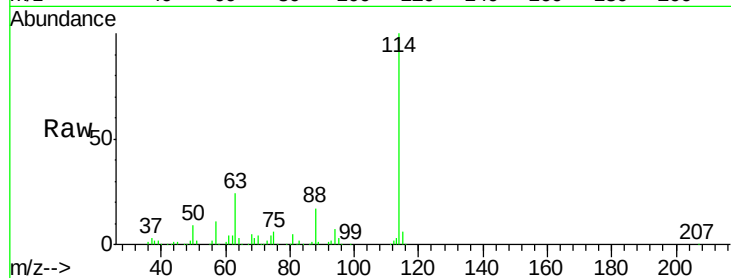
Tgt Ion:114 Resp: 280890

Ion Ratio Lower Upper

114 100

63 24.5 0.0 48.4

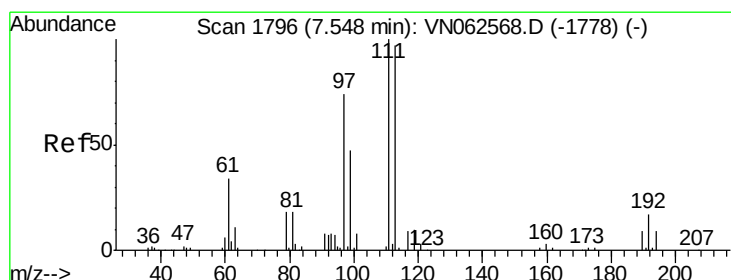
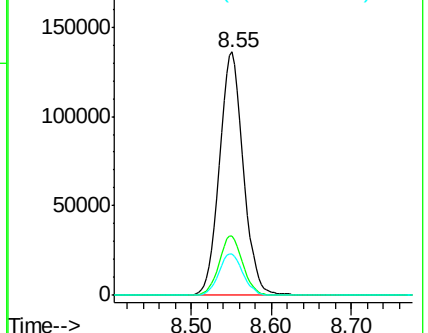
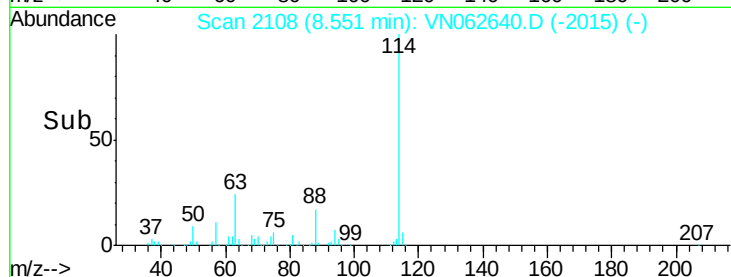
88 16.8 0.0 33.8



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: 50.075 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN062640.D

Acq: 28 Jul 2020 18:44

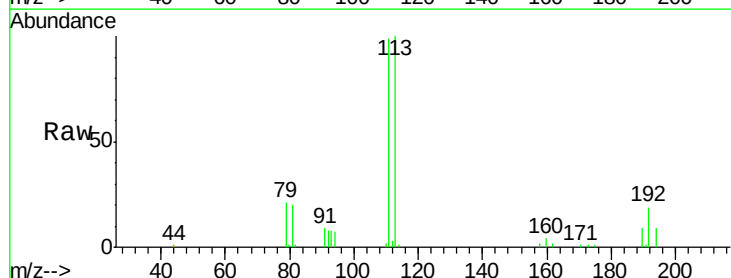
Tgt Ion:113 Resp: 92391

Ion Ratio Lower Upper

113 100

111 101.5 82.7 124.1

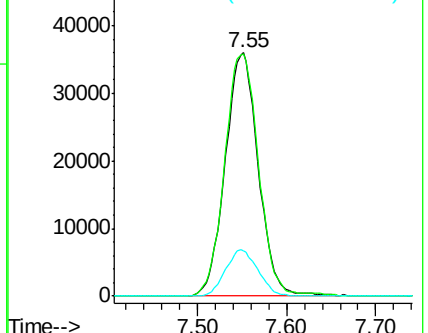
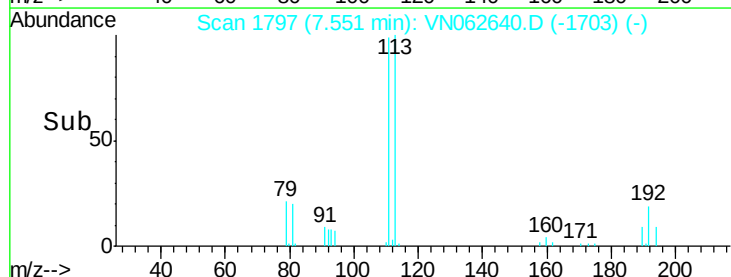
192 18.6 14.8 22.2

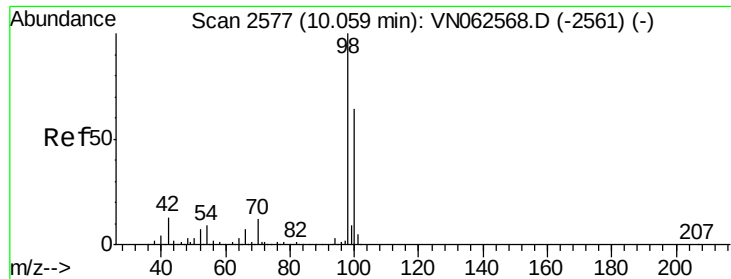


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.575 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062640.D

Acq: 28 Jul 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

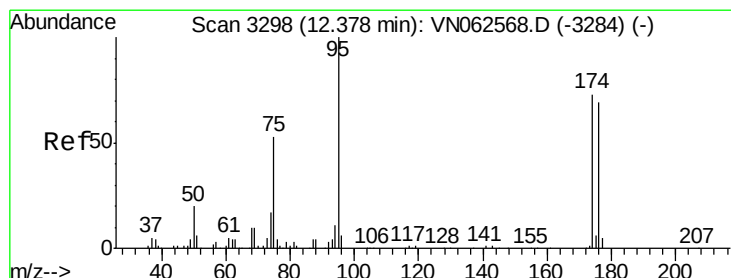
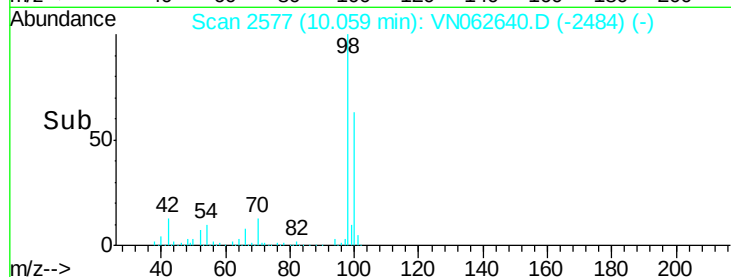
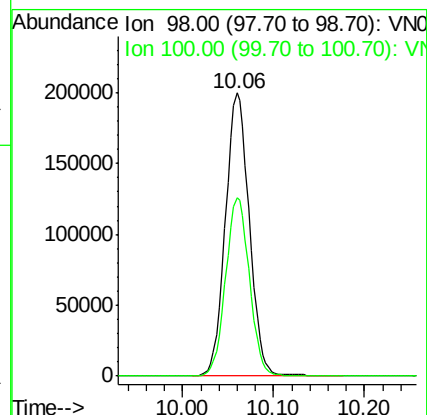
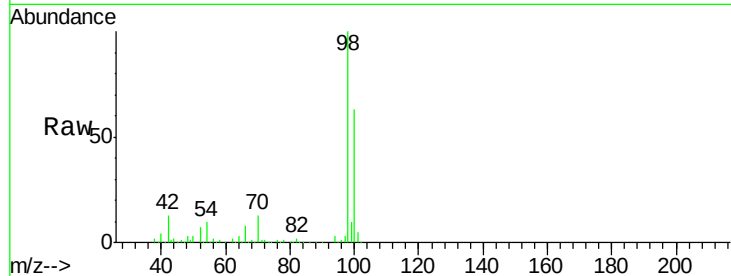
69-71

Tgt Ion: 98 Resp: 364954

Ion Ratio Lower Upper

98 100

100 62.6 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 45.462 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062640.D

Acq: 28 Jul 2020 18:44

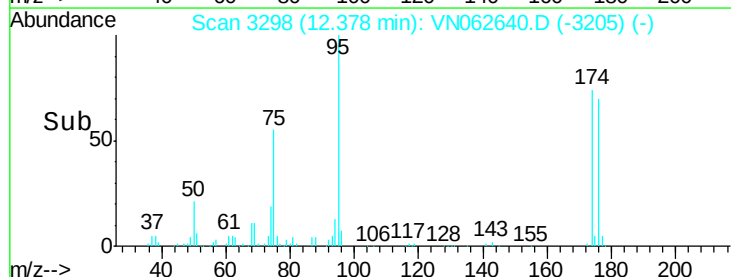
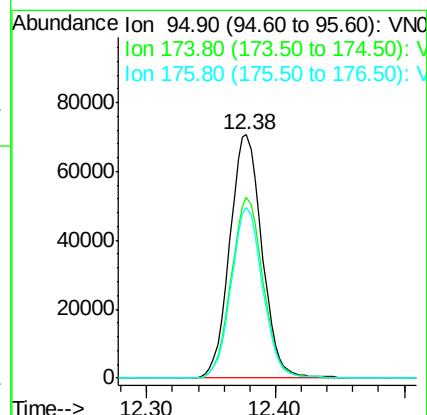
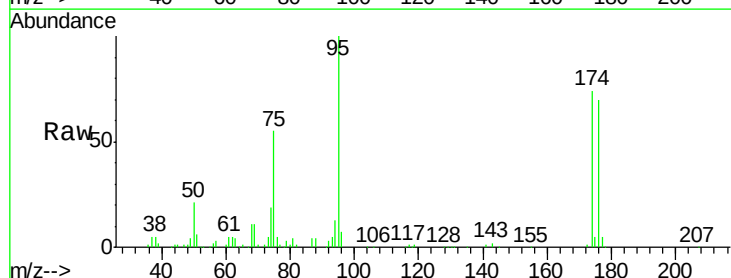
Tgt Ion: 95 Resp: 122371

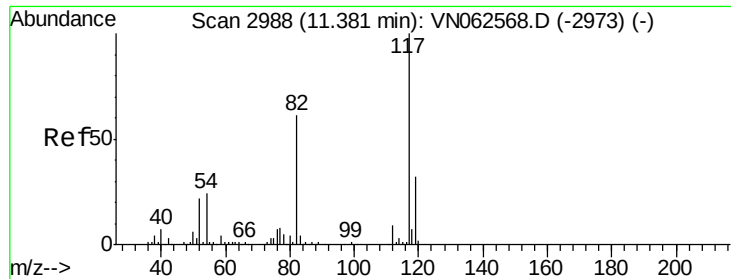
Ion Ratio Lower Upper

95 100

174 73.4 0.0 144.6

176 68.7 0.0 139.4

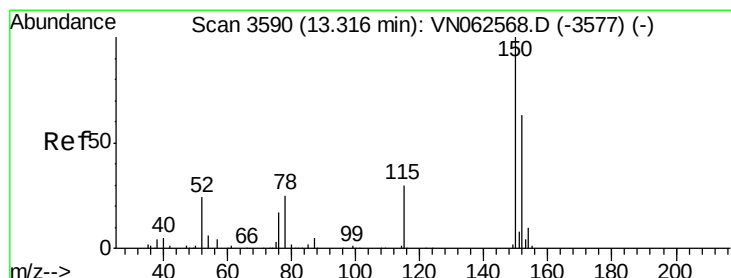
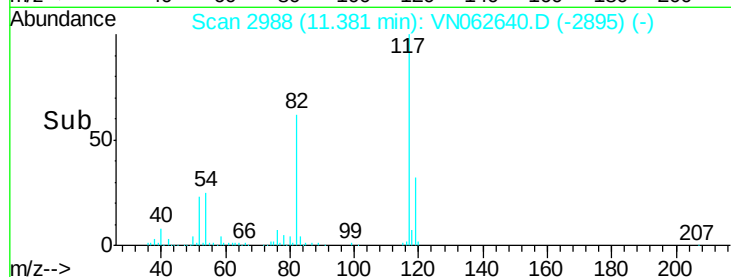
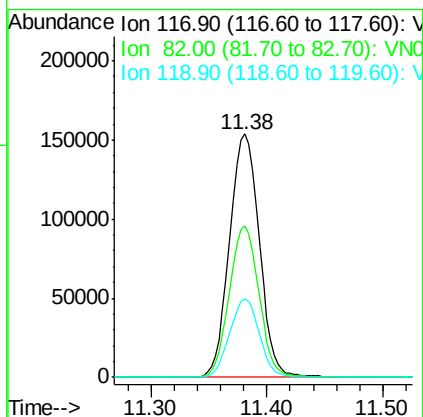
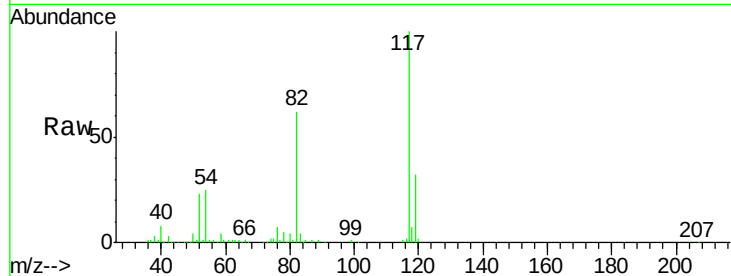




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062640.D
Acq: 28 Jul 2020 18:44

Instrument :
MSVOA_N
ClientSampleId :
69-71

Tgt Ion:117 Resp: 273605
Ion Ratio Lower Upper
117 100
82 62.0 49.0 73.6
119 32.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062640.D
Acq: 28 Jul 2020 18:44

Tgt Ion:152 Resp: 90714
Ion Ratio Lower Upper
152 100
115 63.0 31.8 95.4
150 155.2 0.0 351.4

