

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060520\
 Data File : VN061664.D
 Acq On : 5 Jun 2020 13:10
 Operator : JC/MD
 Sample : L2904-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VE-1-4

Quant Time: Jun 06 03:43:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	280397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	481672	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	476134	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	218677	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	160047	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
35) Dibromofluoromethane	7.55	113	138107	56.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.04%	
50) Toluene-d8	10.06	98	575977	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.38	95	211940	51.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.60%	

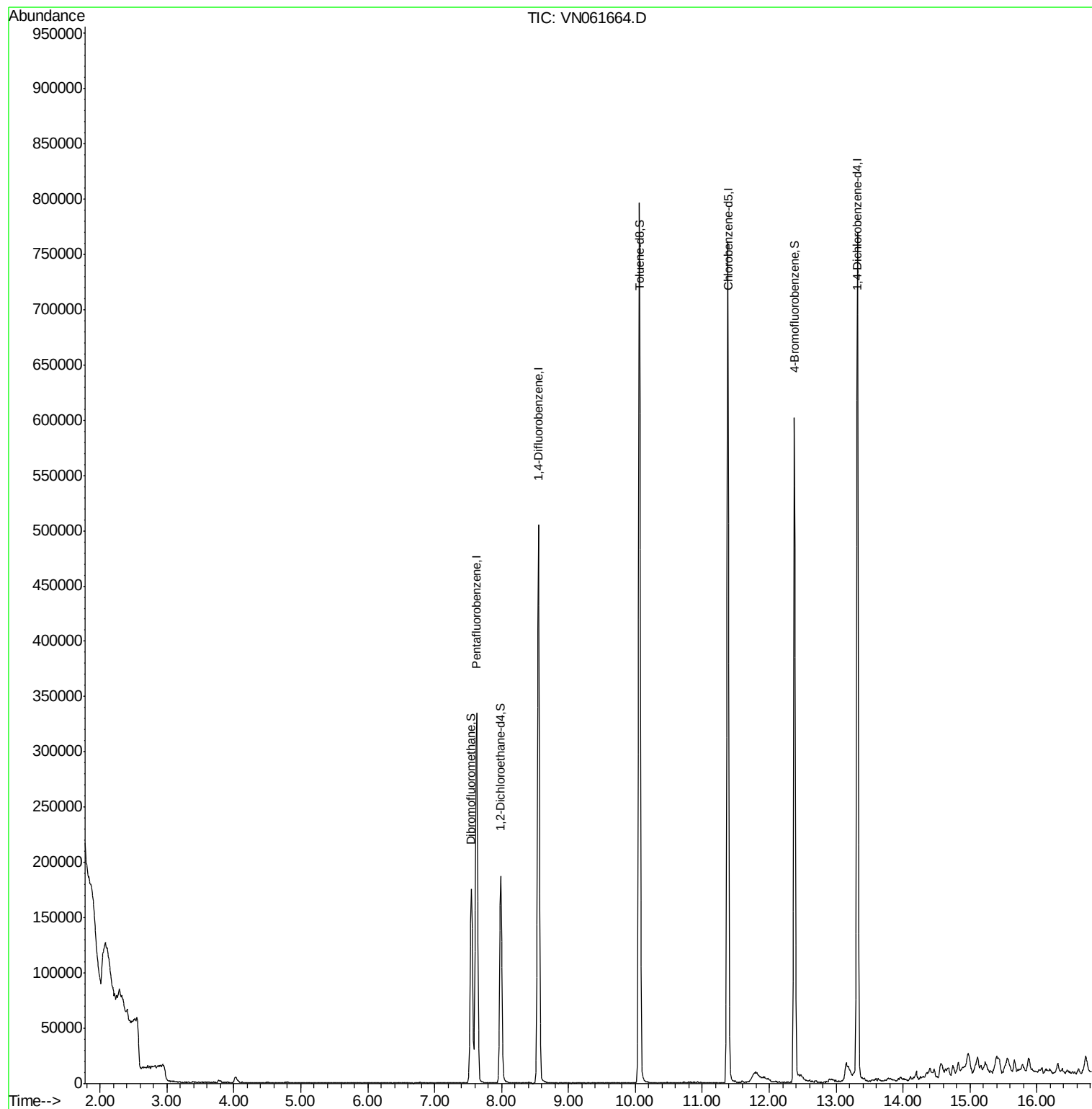
Target Compounds	Qvalue

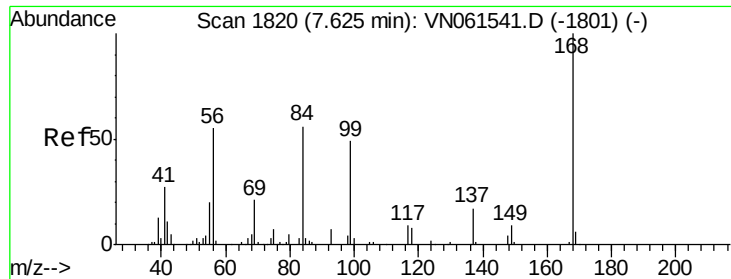
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061664.D

Acq: 5 Jun 2020 13:10

Instrument :

MSVOA_N

ClientSampled :

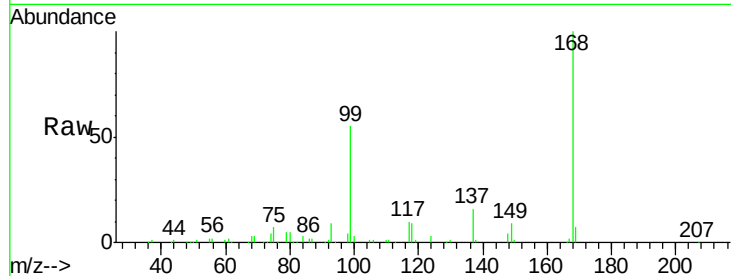
VE-1-4

Tot Ion:168 Resp: 280397

Ion Ratio Lower Upper

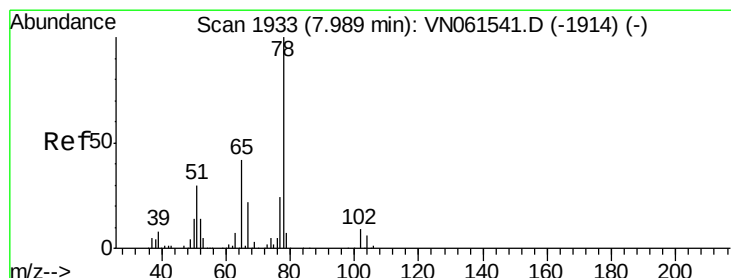
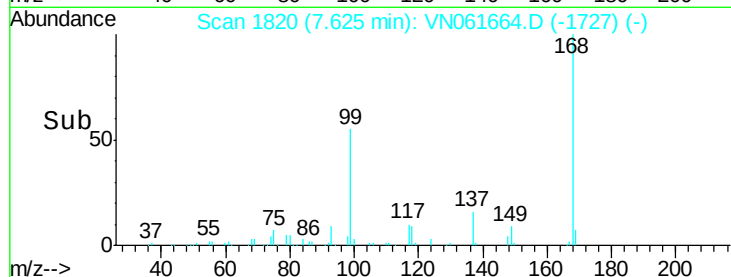
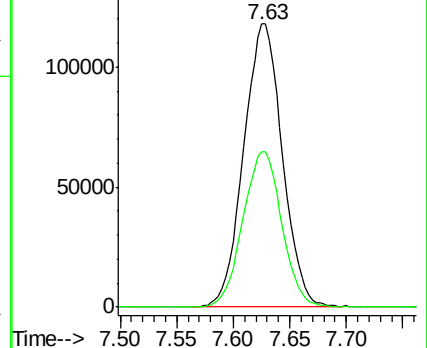
168 100

99 55.1 45.0 67.4



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: 47.907 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061664.D

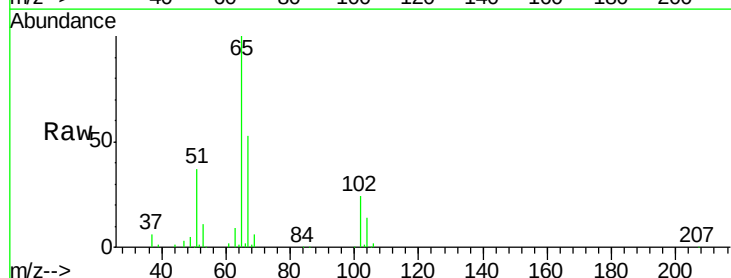
Acq: 5 Jun 2020 13:10

Tgt Ion: 65 Resp: 160047

Ion Ratio Lower Upper

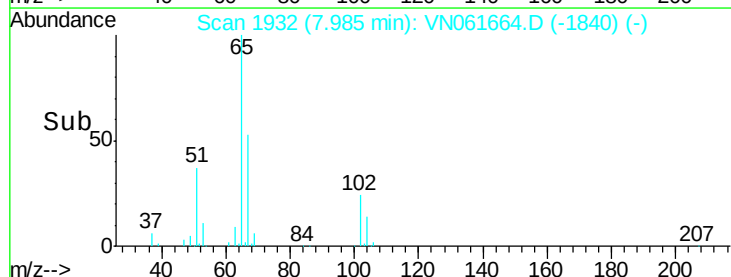
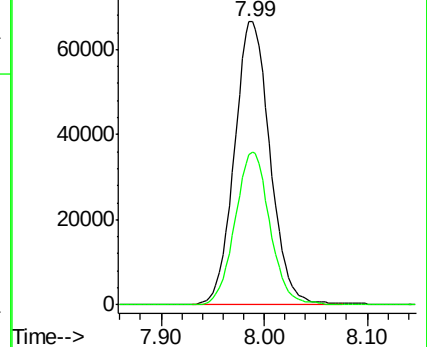
65 100

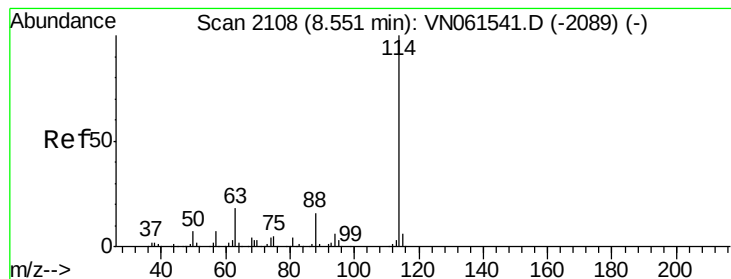
67 52.8 0.0 104.8



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: VN061664.D

Acq: 5 Jun 2020 13:10

Instrument :

MSVOA_N

ClientSampleId :

VE-1-4

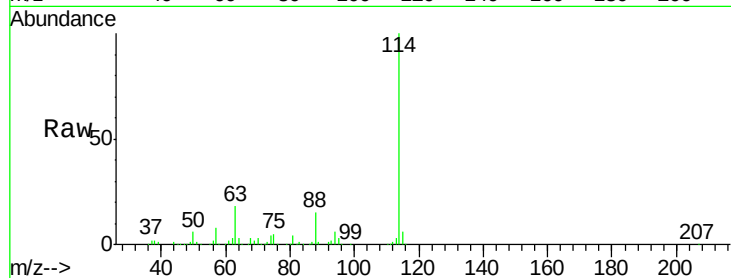
Tot Ion:114 Resp: 481672

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.8

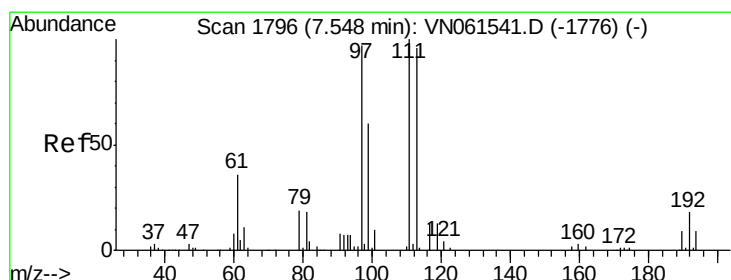
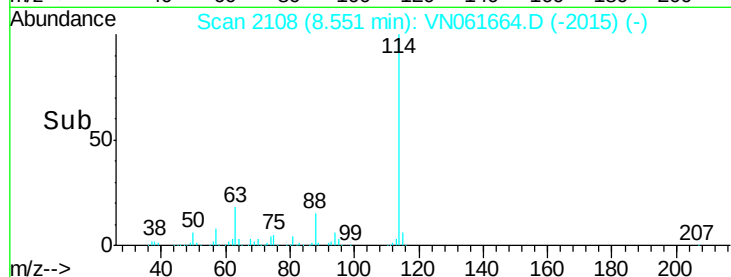
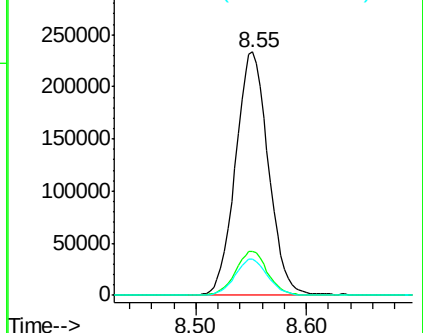
88 15.0 0.0 31.0



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: 56.522 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061664.D

Acq: 5 Jun 2020 13:10

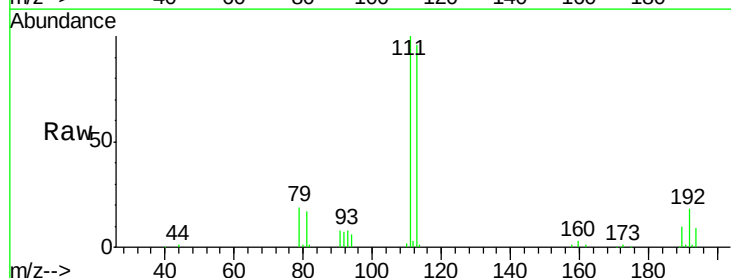
Tgt Ion:113 Resp: 138107

Ion Ratio Lower Upper

113 100

111 102.1 83.4 125.0

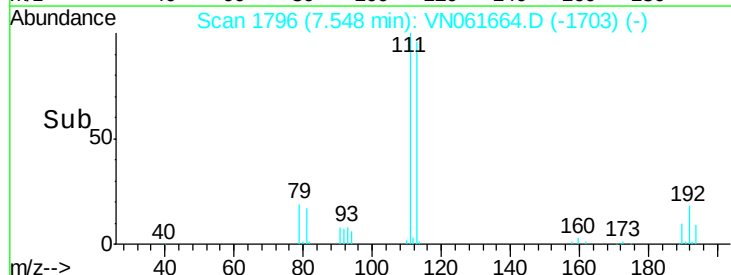
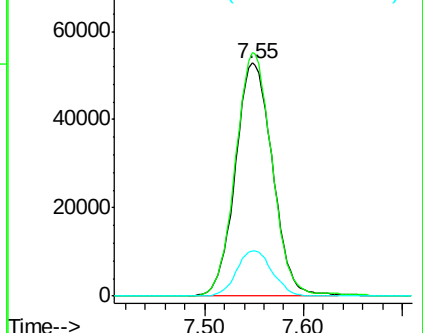
192 18.8 15.4 23.2

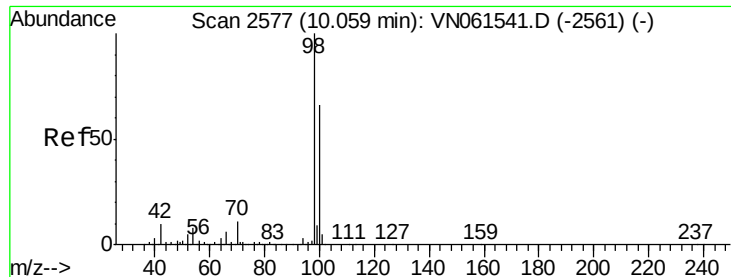


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.867 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061664.D

Acq: 5 Jun 2020 13:10

Instrument :

MSVOA_N

ClientSampled :

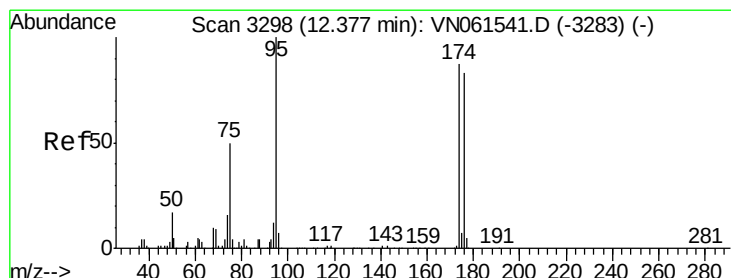
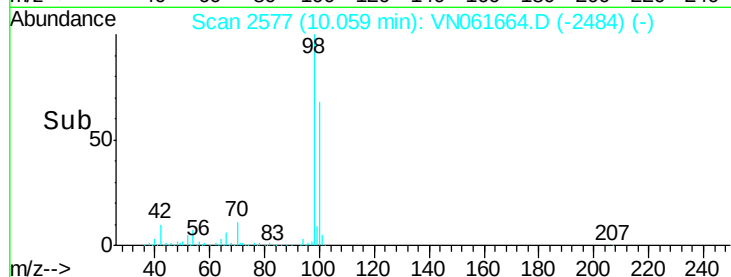
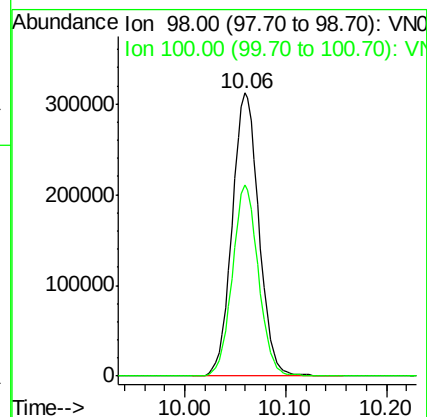
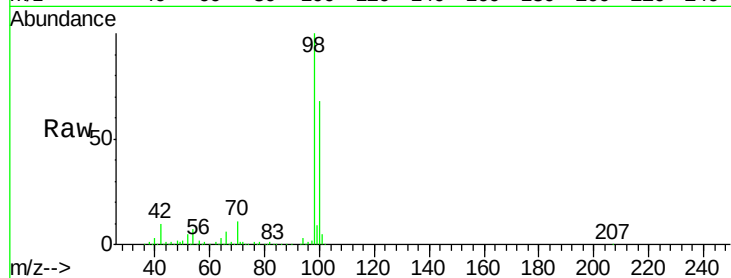
VE-1-4

Tot Ion: 98 Resp: 575977

Ion Ratio Lower Upper

98 100

100 65.9 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 51.304 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061664.D

Acq: 5 Jun 2020 13:10

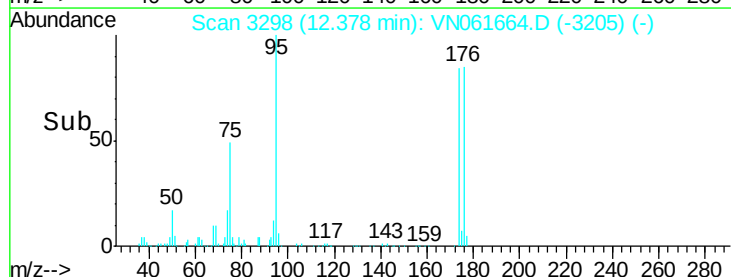
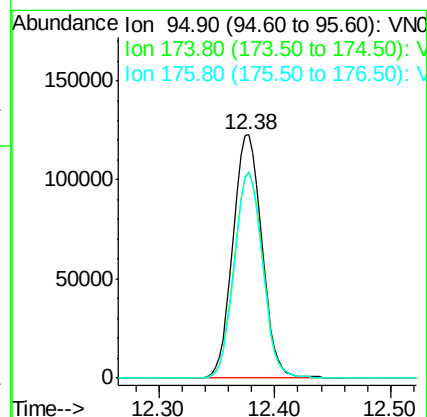
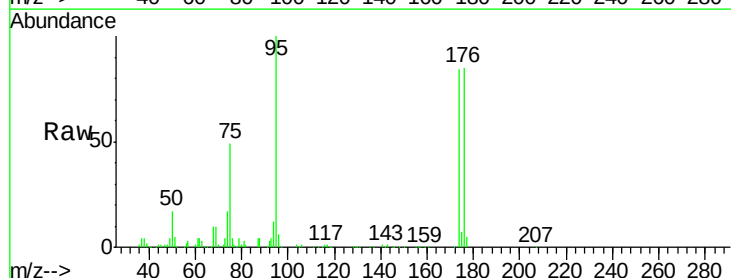
Tgt Ion: 95 Resp: 211940

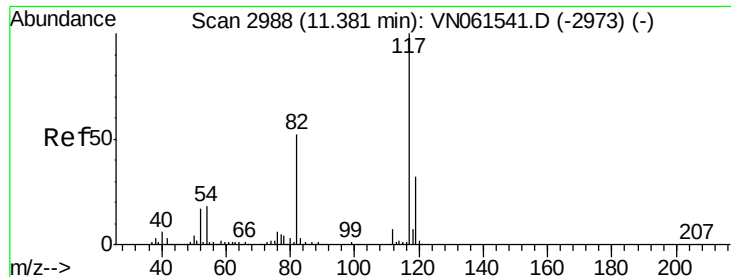
Ion Ratio Lower Upper

95 100

174 84.0 0.0 172.8

176 82.1 0.0 164.8

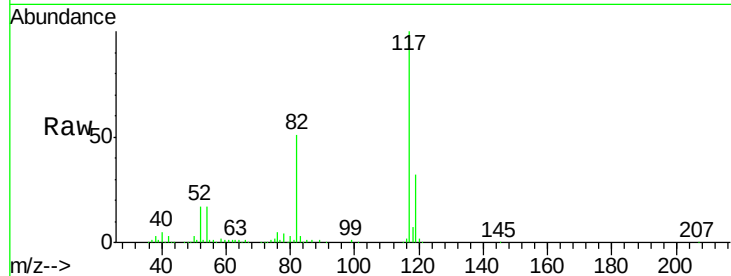




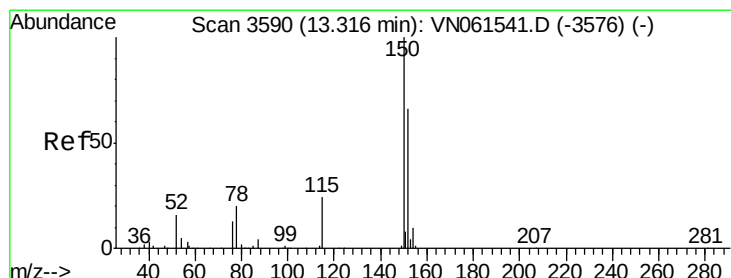
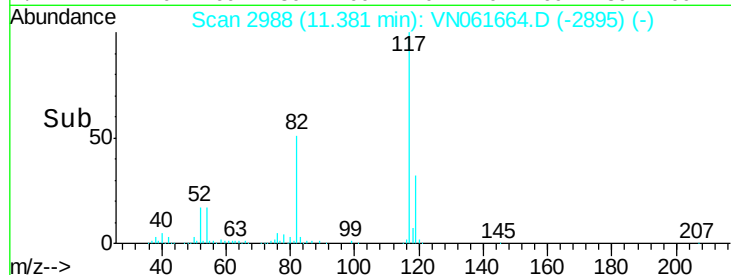
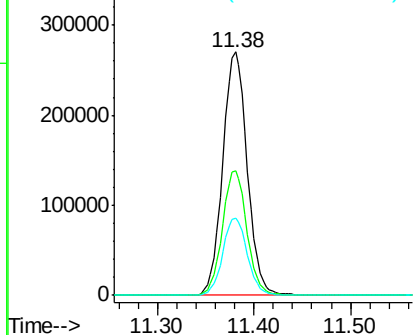
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061664.D
Acq: 5 Jun 2020 13:10

Instrument :
MSVOA_N
ClientSampleId :
VE-1-4

Tot Ion:117 Resp: 476134
Ion Ratio Lower Upper
117 100
82 51.3 41.5 62.3
119 31.8 25.6 38.4

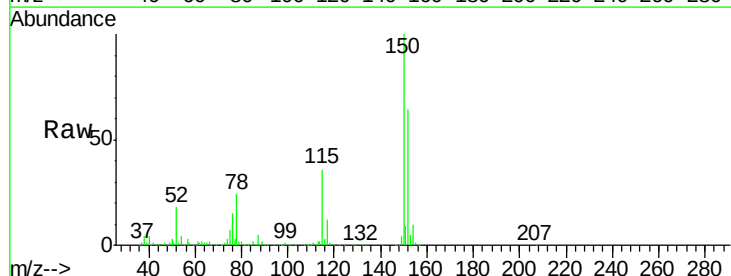


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. 0.00 min
Lab File: VN061664.D
Acq: 5 Jun 2020 13:10

Tgt Ion:152 Resp: 218677
Ion Ratio Lower Upper
152 100
115 56.9 28.0 84.0
150 157.9 0.0 344.0



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

