

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052920\
 Data File : VN061565.D
 Acq On : 29 May 2020 14:25
 Operator : JC/MD
 Sample : L2803-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-5

Quant Time: May 30 06:34:10 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	278774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	502071	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	482768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	209076	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	176778	53.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.44%	
35) Dibromofluoromethane	7.55	113	139415	54.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.48%	
50) Toluene-d8	10.06	98	609033	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.20%	
62) 4-Bromofluorobenzene	12.38	95	220964	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	

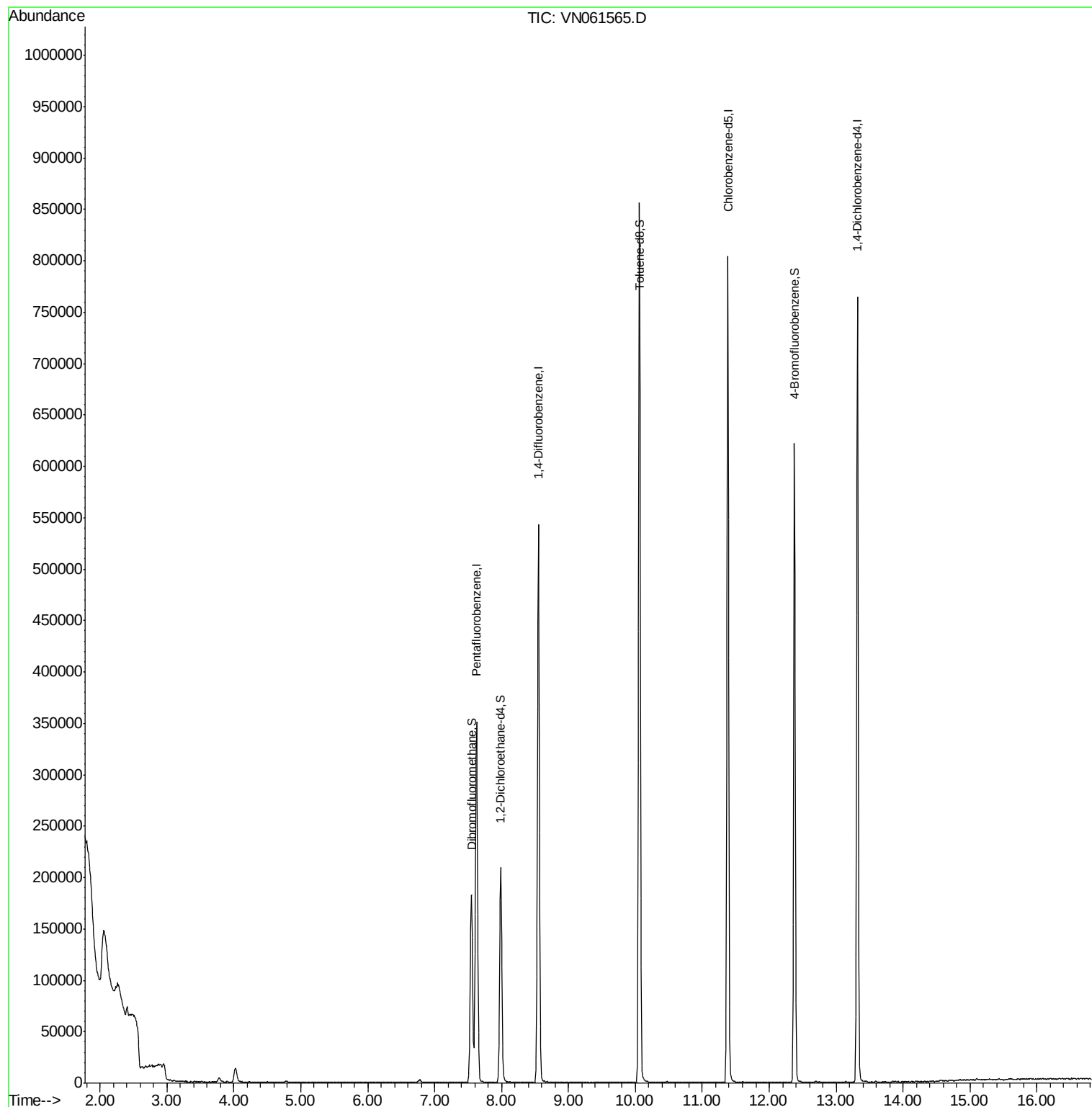
Target Compounds	Qvalue
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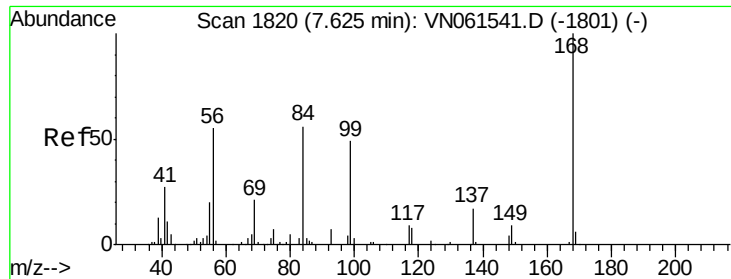
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061565.D

Acq: 29 May 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

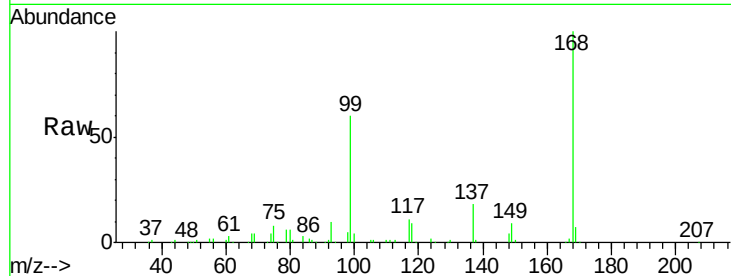
STORAGE-BLANK-SOIL-REF-5

Tot Ion:168 Resp: 278774

Ion Ratio Lower Upper

168 100

99 59.6 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

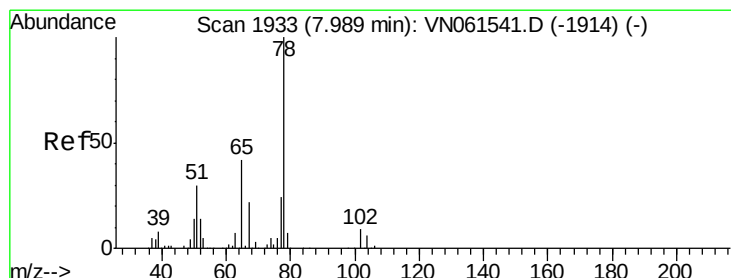
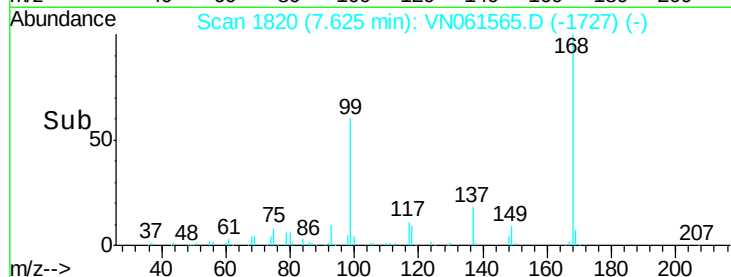
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 53.224 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061565.D

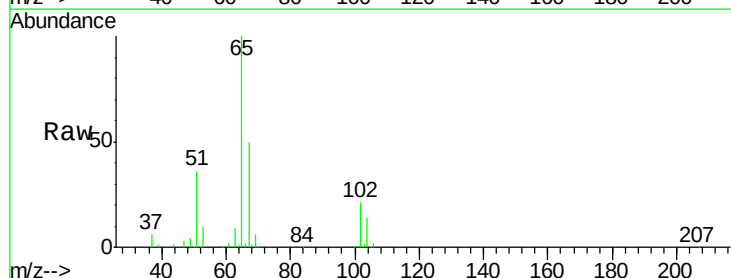
Acq: 29 May 2020 14:25

Tgt Ion: 65 Resp: 176778

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

80000

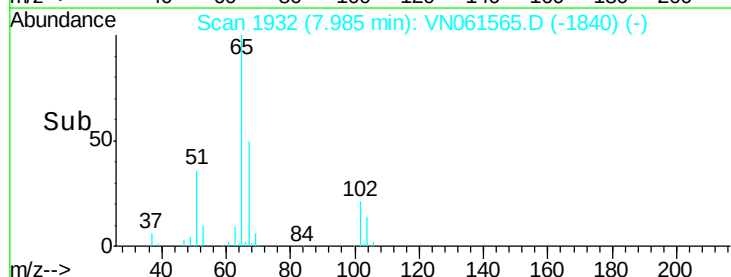
60000

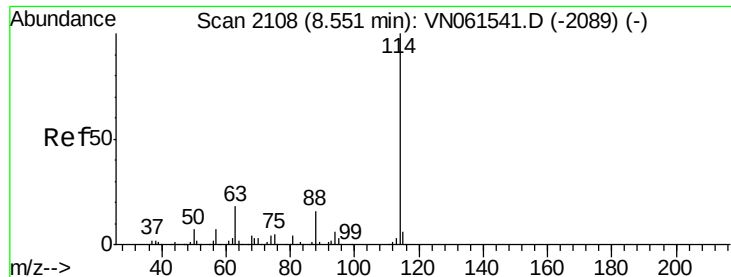
40000

20000

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: VN061565.D

Acq: 29 May 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-5

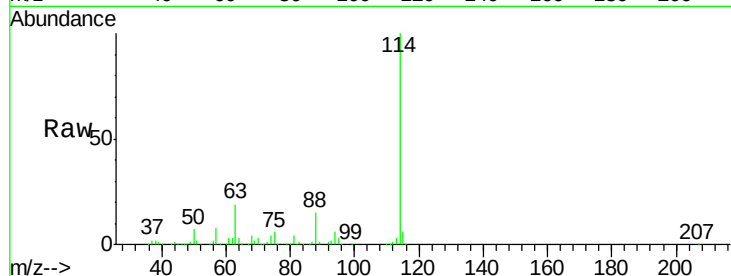
Tot Ion:114 Resp: 502071

Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.8

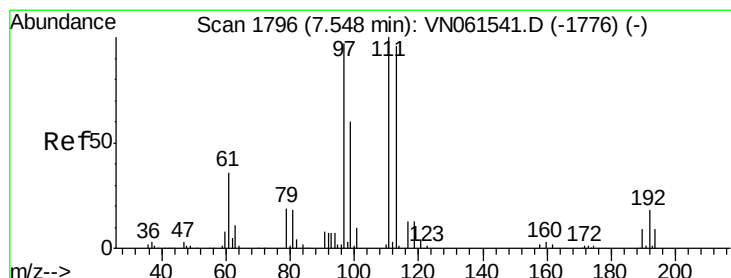
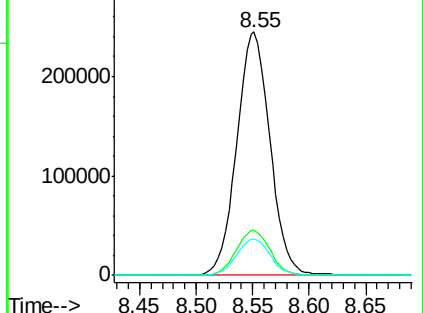
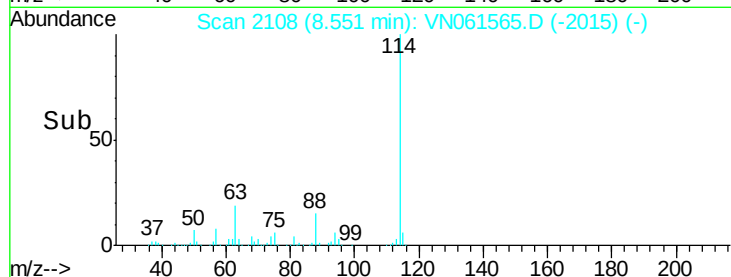
88 15.1 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 54.739 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061565.D

Acq: 29 May 2020 14:25

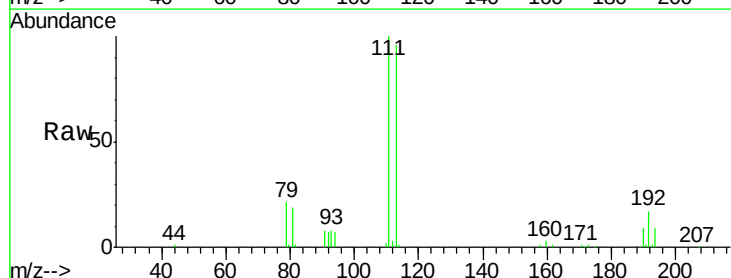
Tgt Ion:113 Resp: 139415

Ion Ratio Lower Upper

113 100

111 104.9 83.4 125.0

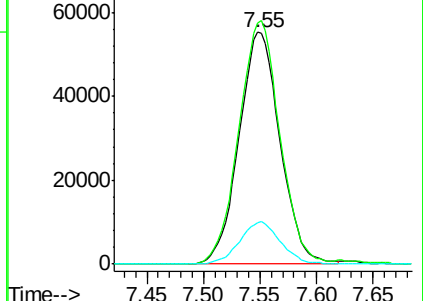
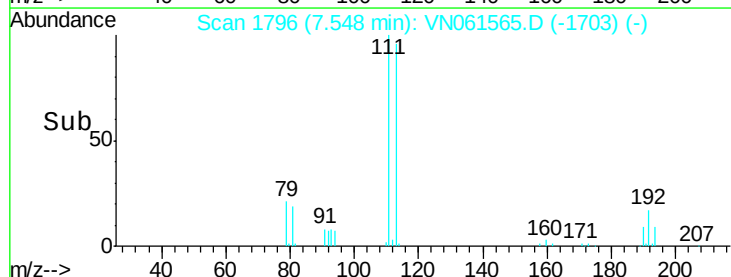
192 18.1 15.4 23.2

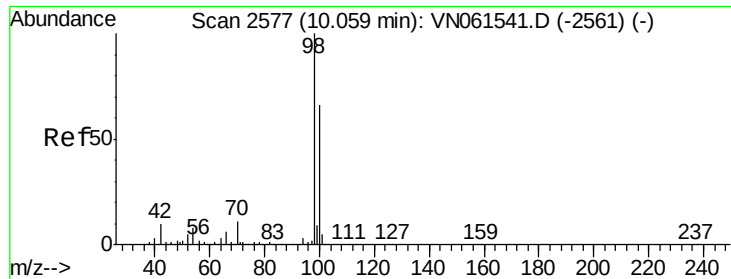


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.601 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061565.D

Acq: 29 May 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

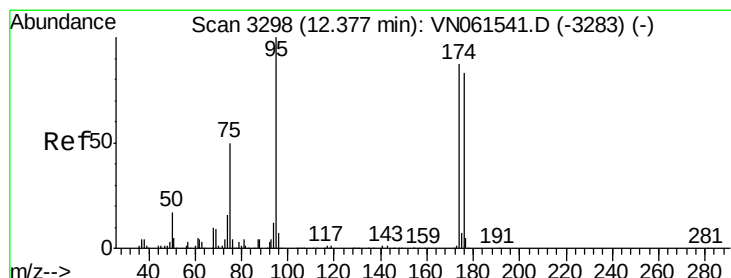
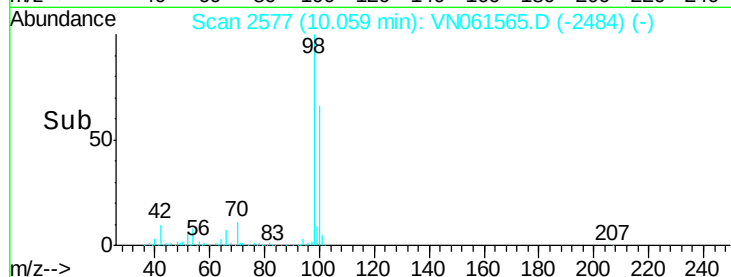
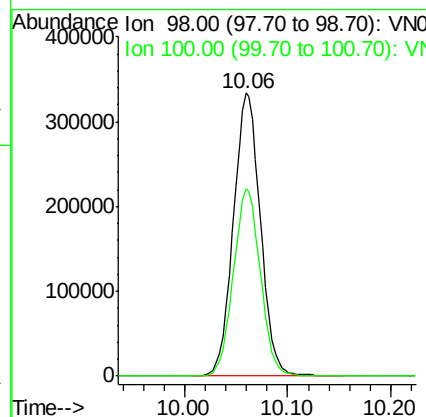
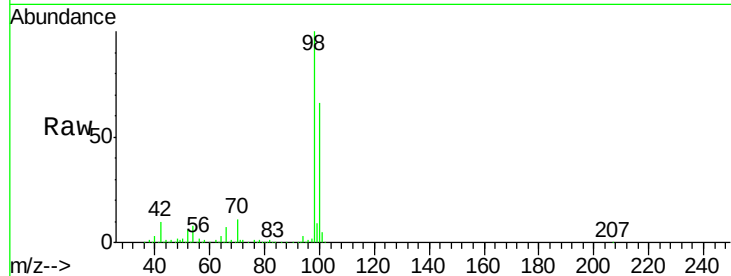
STORAGE-BLANK-SOIL-REF-5

Tot Ion: 98 Resp: 609033

Ion Ratio Lower Upper

98 100

100 66.2 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 51.315 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061565.D

Acq: 29 May 2020 14:25

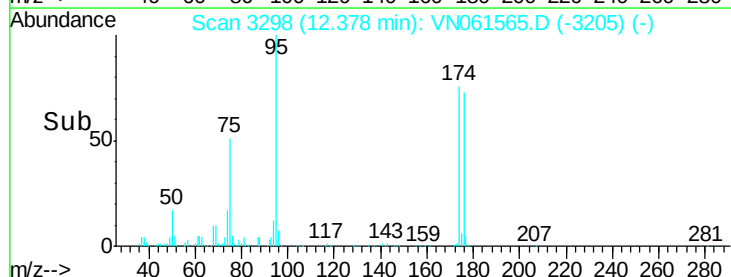
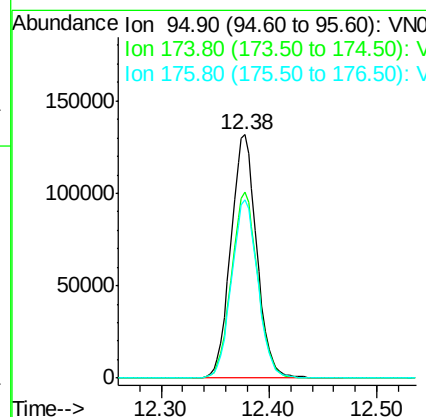
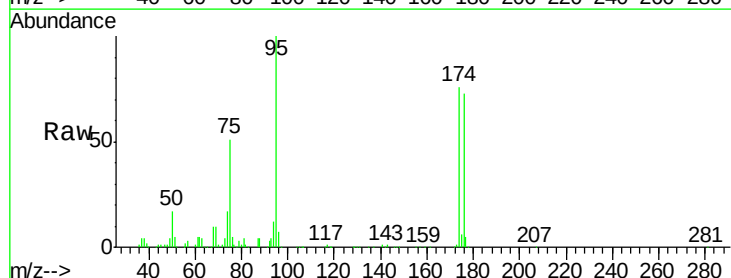
Tgt Ion: 95 Resp: 220964

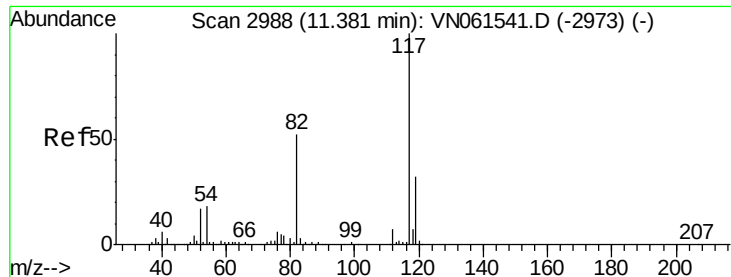
Ion Ratio Lower Upper

95 100

174 77.0 0.0 172.8

176 73.8 0.0 164.8

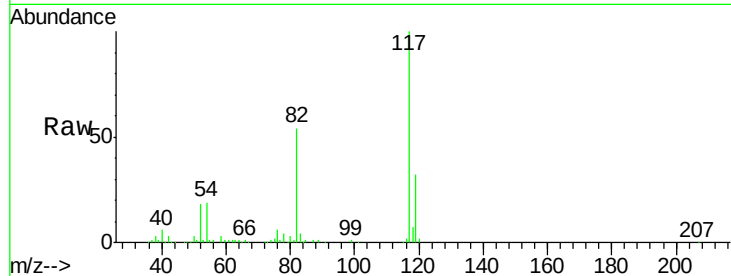




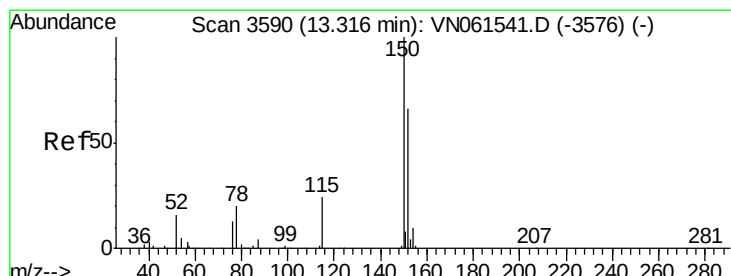
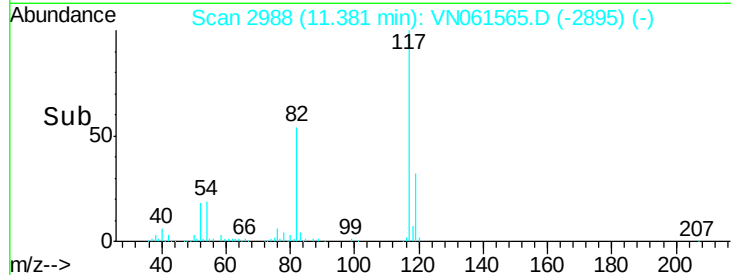
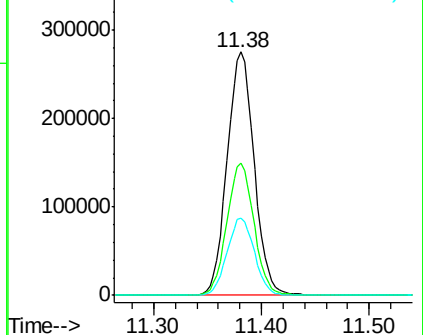
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061565.D
Acq: 29 May 2020 14:25

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-5

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	41.5	62.3
119	31.8	25.6	38.4

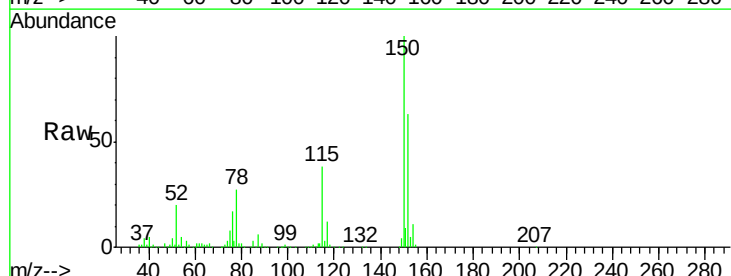


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. 0.00 min
Lab File: VN061565.D
Acq: 29 May 2020 14:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	28.0	84.0
150	156.6	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

