

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
 Data File : VN055515.D
 Acq On : 9 May 2019 23:34
 Operator : JC/SP
 Sample : K2758-32
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EQUIPMENT-BLANK-2

Quant Time: May 10 05:28:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 04:17:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	858063	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1428317	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1212484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	335096	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	580717	44.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.90%	
35) Dibromofluoromethane	7.59	113	456048	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
50) Toluene-d8	10.09	98	1757803	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
62) 4-Bromofluorobenzene	12.40	95	508389	41.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.98%	

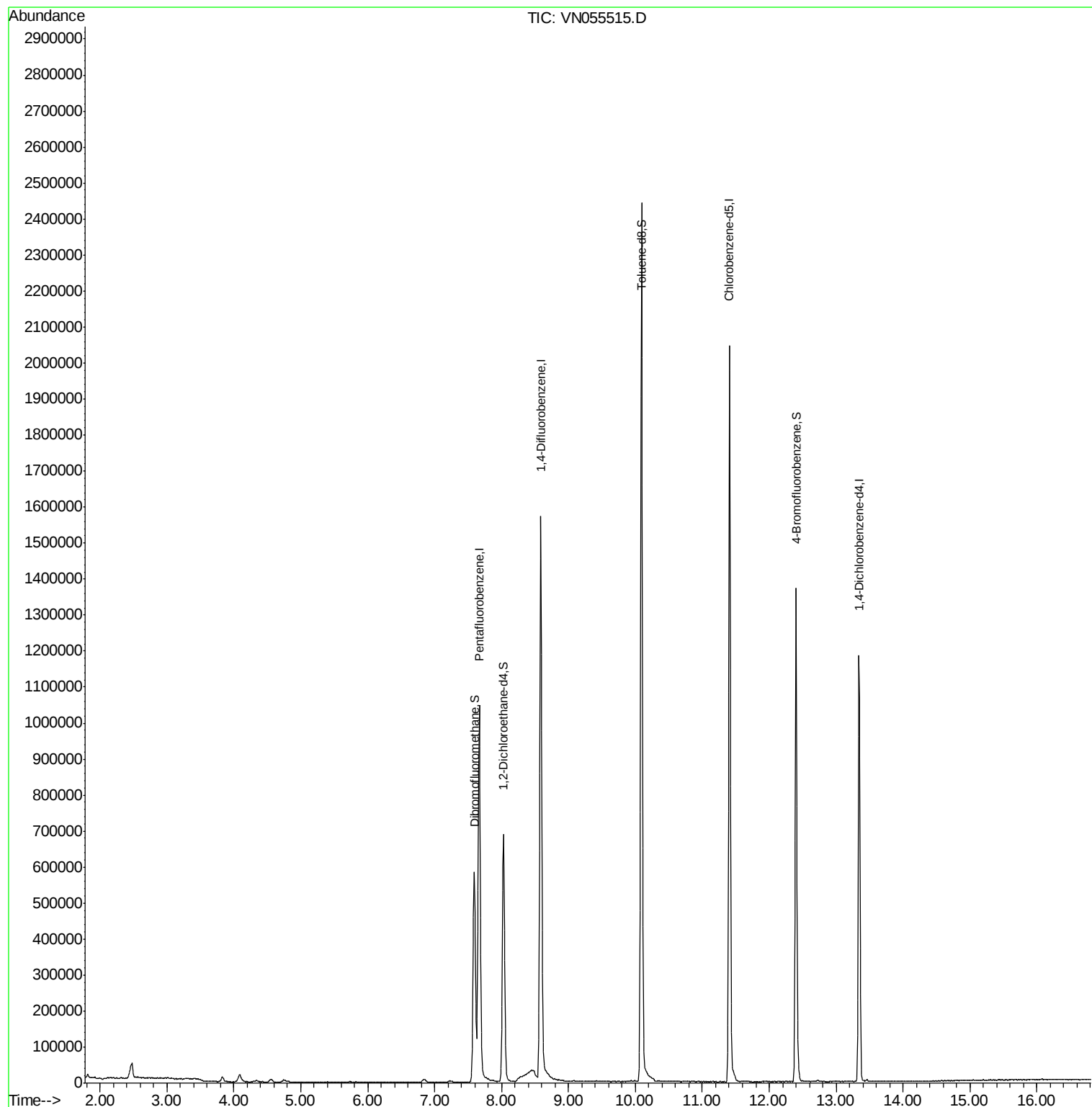
Target Compounds	Qvalue

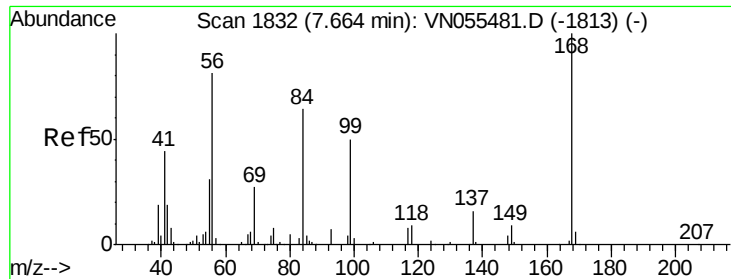
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055515.D

Acq: 9 May 2019 23:34

Instrument :

MSVOA_N

ClientSampleId :

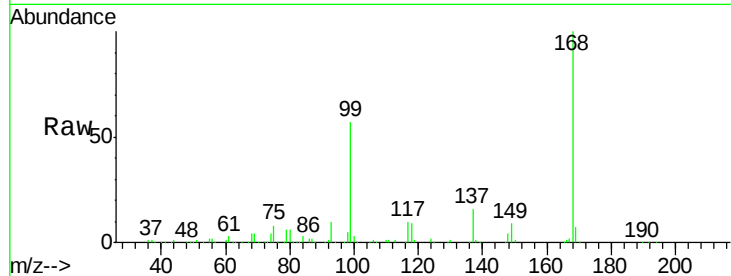
EQUIPMENT-BLANK-2

Tot Ion:168 Resp: 858063

Ion Ratio Lower Upper

168 100

99 56.5 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

300000

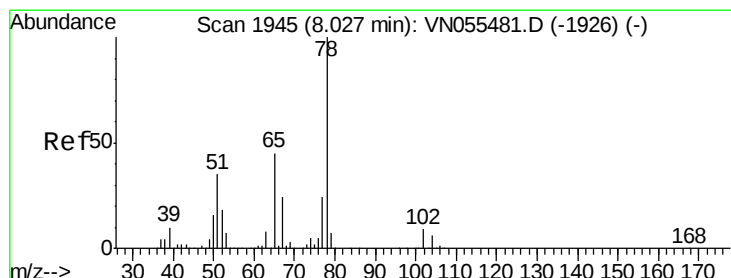
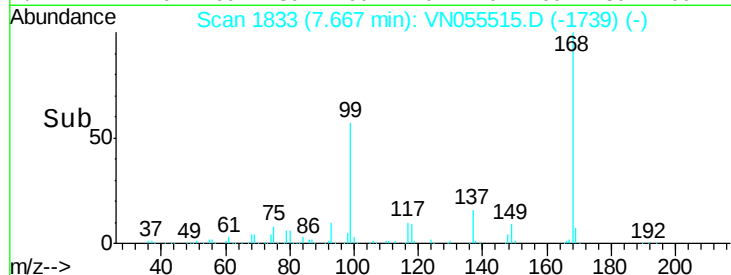
200000

100000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 44.949 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN055515.D

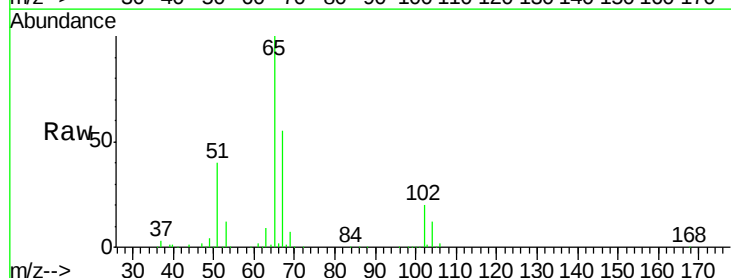
Acq: 9 May 2019 23:34

Tgt Ion: 65 Resp: 580717

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

250000

200000

150000

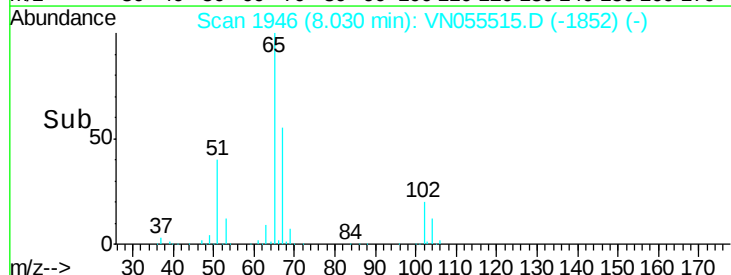
100000

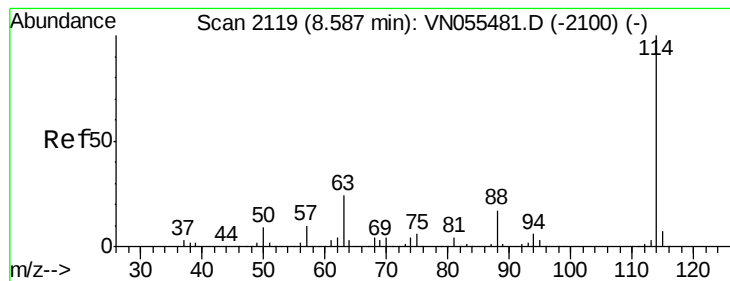
50000

0

7.90 8.00 8.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN055515.D

Acq: 9 May 2019 23:34

Instrument :

MSVOA_N

ClientSampleId :

EQUIPMENT-BLANK-2

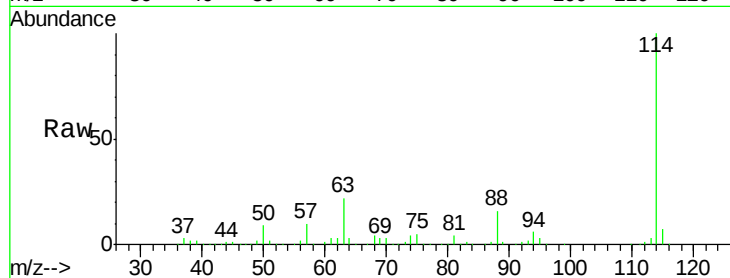
Tot Ion:114 Resp: 1428317

Ion Ratio Lower Upper

114 100

63 22.3 0.0 47.4

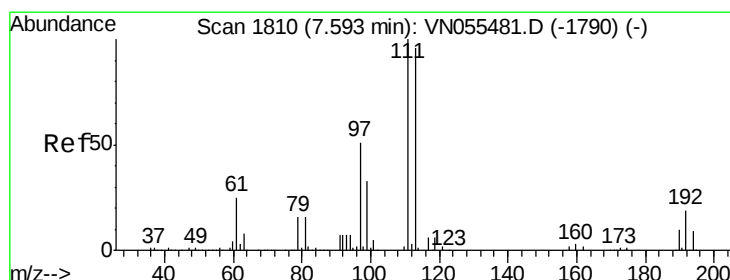
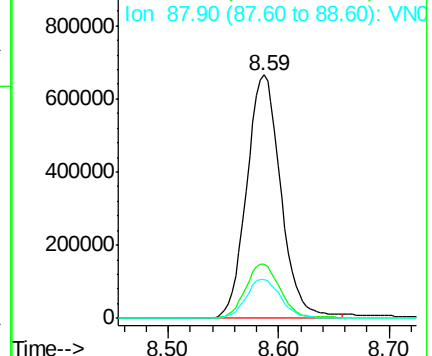
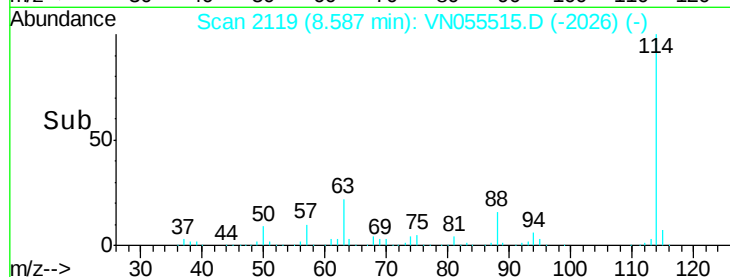
88 16.1 0.0 34.0



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: 49.496 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN055515.D

Acq: 9 May 2019 23:34

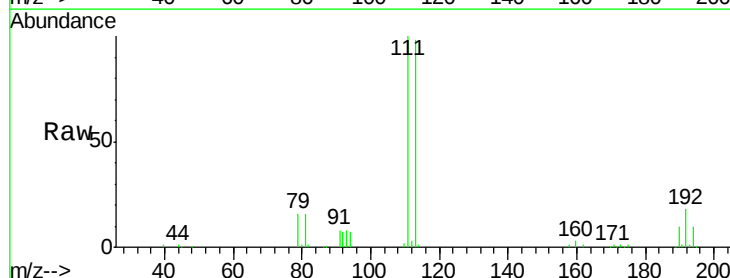
Tgt Ion:113 Resp: 456048

Ion Ratio Lower Upper

113 100

111 103.2 82.9 124.3

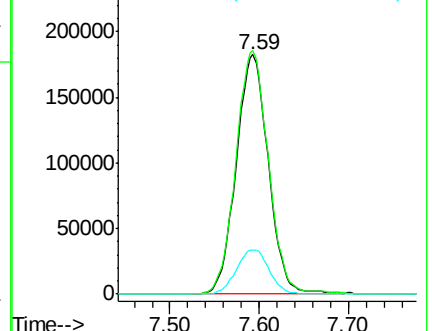
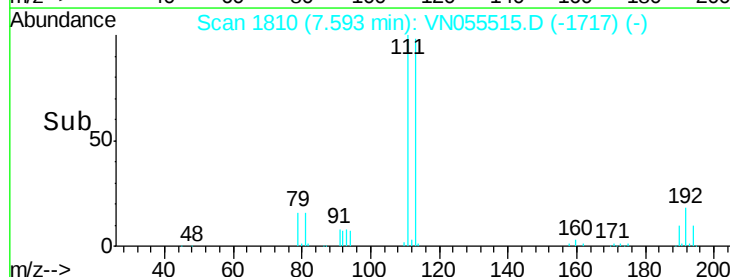
192 18.9 15.6 23.4

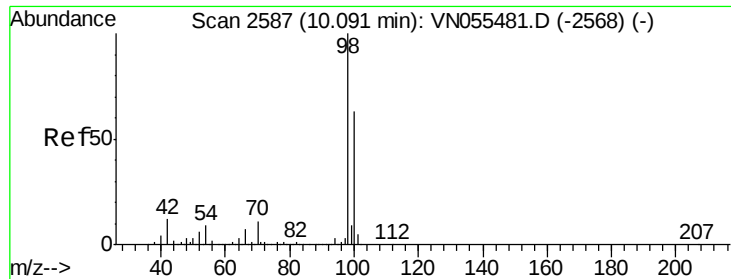


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.957 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055515.D

Acq: 9 May 2019 23:34

Instrument :

MSVOA_N

ClientSampleId :

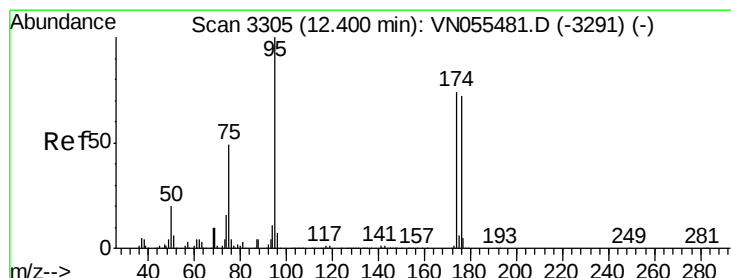
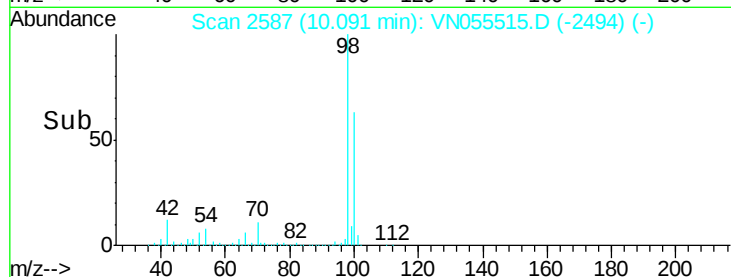
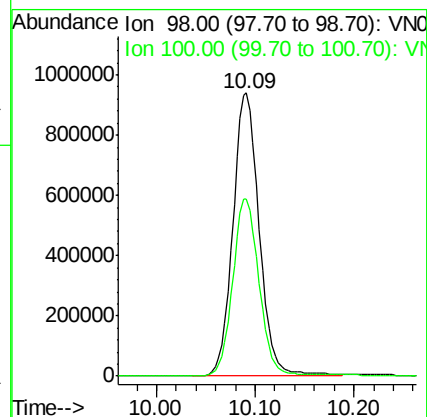
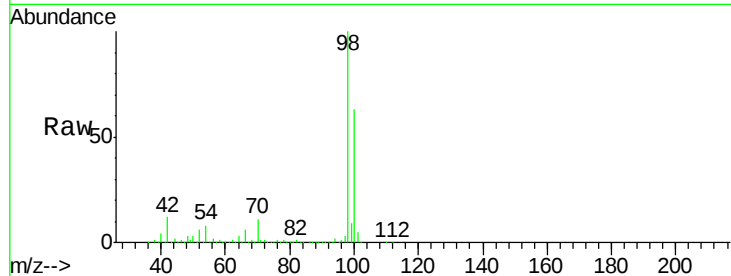
EQUIPMENT-BLANK-2

Tot Ion: 98 Resp: 1757803

Ion Ratio Lower Upper

98 100

100 62.2 50.4 75.6



#62

4-Bromofluorobenzene

Concen: 41.992 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055515.D

Acq: 9 May 2019 23:34

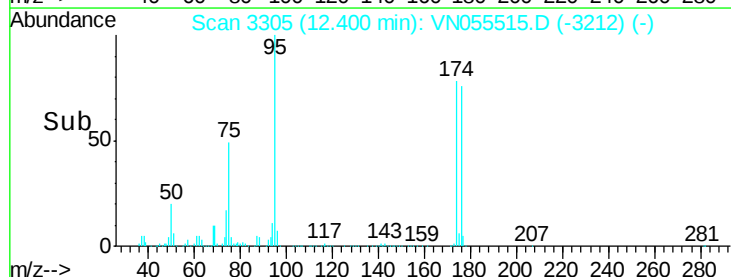
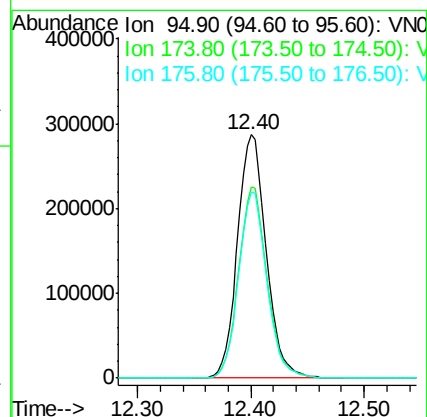
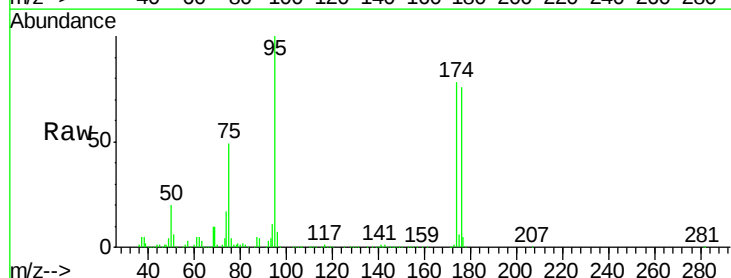
Tgt Ion: 95 Resp: 508389

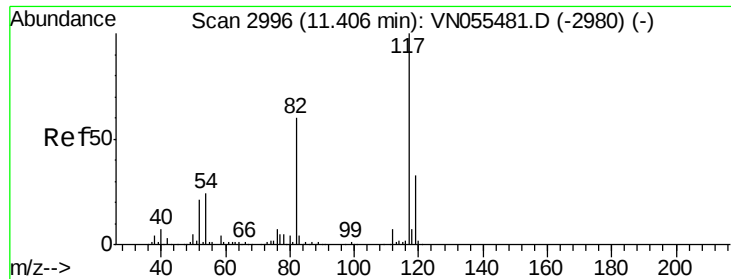
Ion Ratio Lower Upper

95 100

174 77.8 0.0 152.2

176 75.4 0.0 147.8

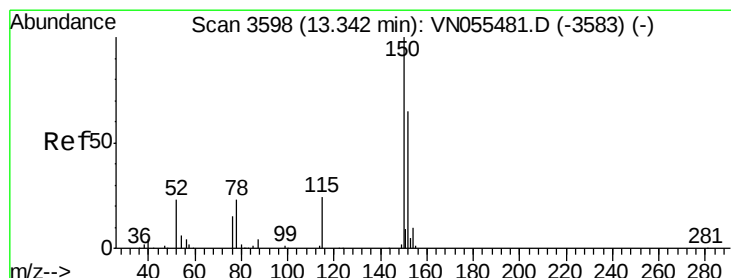
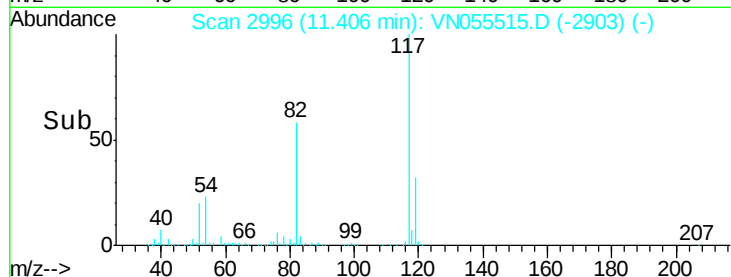
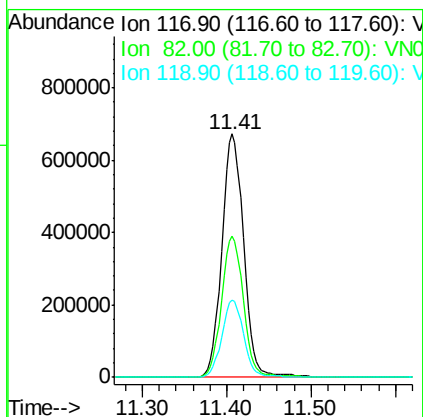
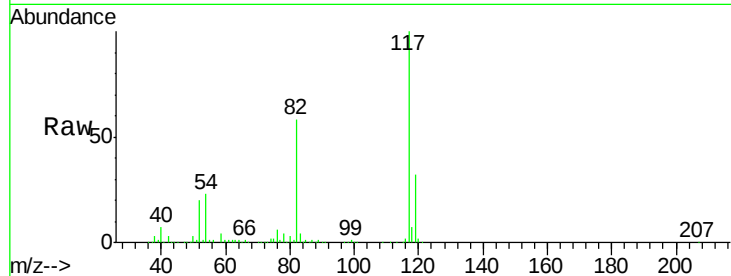




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055515.D
Acq: 9 May 2019 23:34

Instrument :
MSVOA_N
ClientSampleId :
EQUIPMENT-BLANK-2

Tot Ion:117 Resp: 1212484
Ion Ratio Lower Upper
117 100
82 57.9 48.0 72.0
119 31.9 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055515.D
Acq: 9 May 2019 23:34

Tgt Ion:152 Resp: 335096
Ion Ratio Lower Upper
152 100
115 59.5 30.1 90.5
150 156.6 0.0 355.0

