

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
 Data File : VN055513.D
 Acq On : 9 May 2019 22:44
 Operator : JC/SP
 Sample : K2758-34
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: May 10 05:24:50 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	916745	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1515862	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1269181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	351865	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	610688	44.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.48%	
35) Dibromofluoromethane	7.59	113	473747	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
50) Toluene-d8	10.09	98	1838292	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
62) 4-Bromofluorobenzene	12.40	95	535632	41.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.38%	

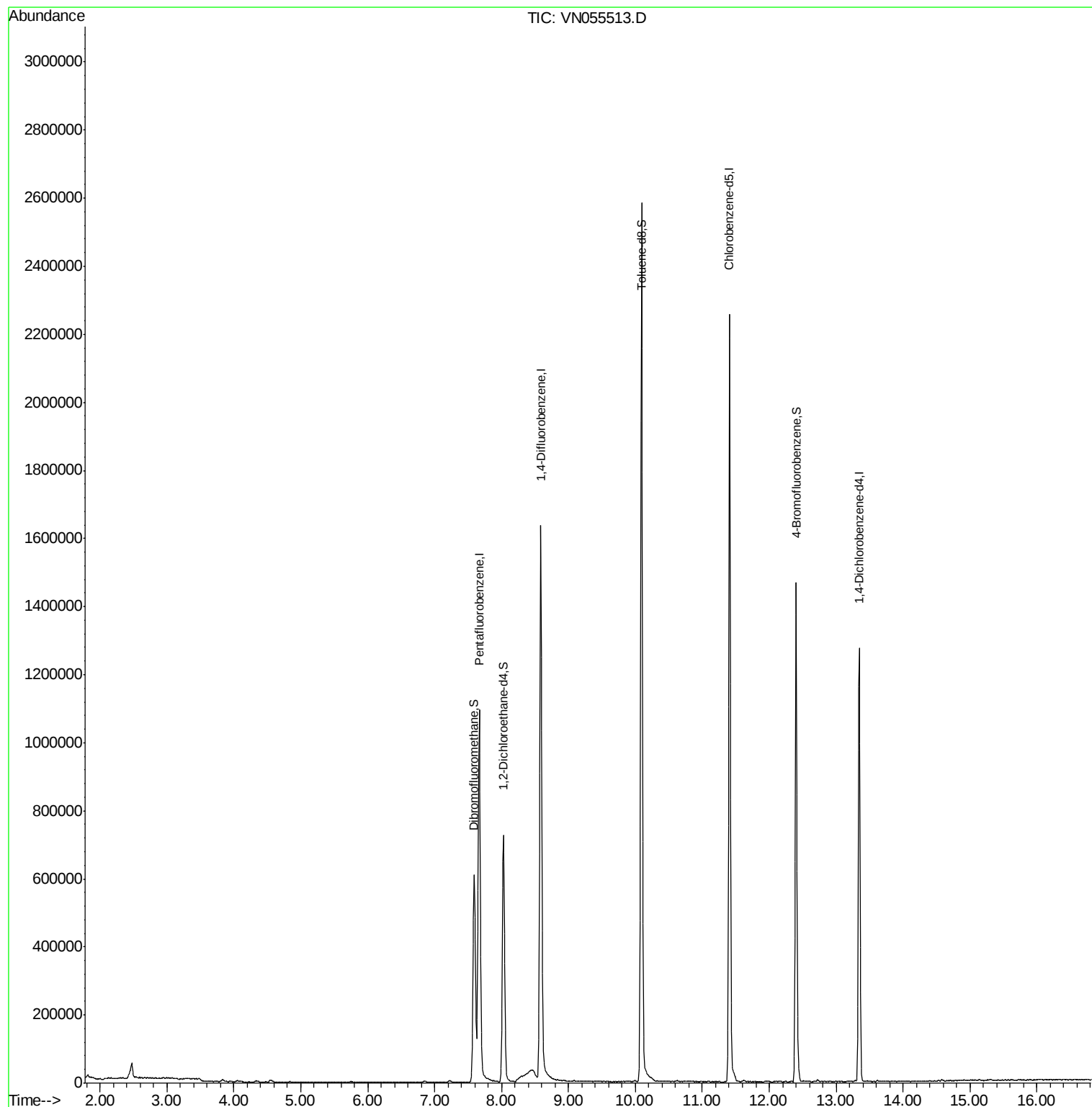
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055513.D

Acq: 9 May 2019 22:44

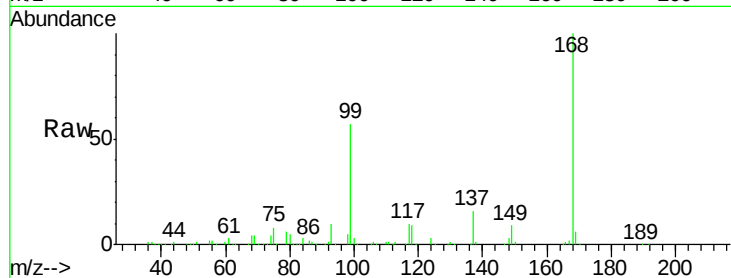
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tot Ion:168 Resp: 916745

Ion Ratio Lower Upper

168 100

99 57.4 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

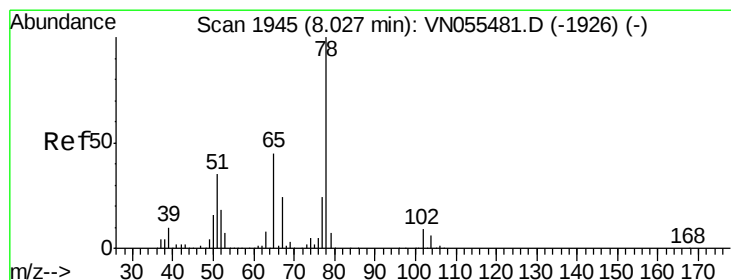
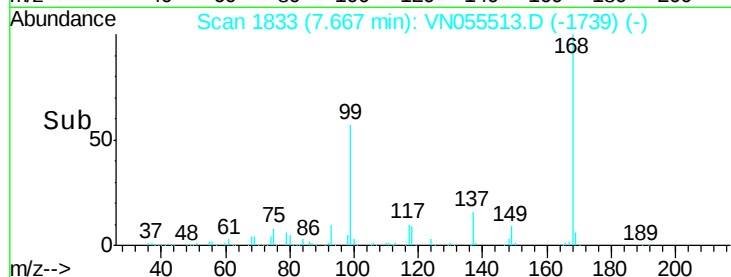
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 44.243 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN055513.D

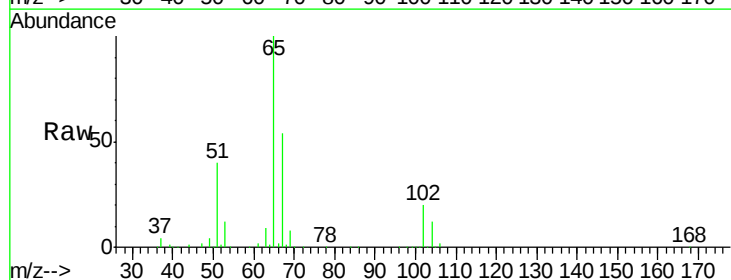
Acq: 9 May 2019 22:44

Tgt Ion: 65 Resp: 610688

Ion Ratio Lower Upper

65 100

67 54.7 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

300000

250000

200000

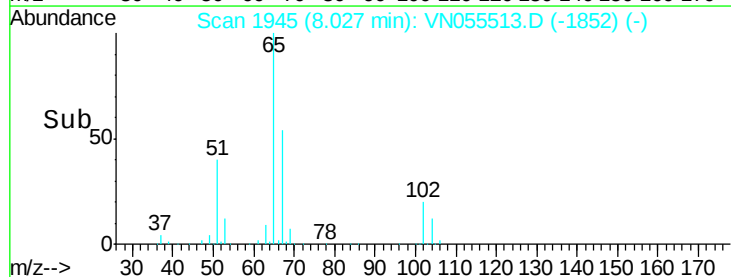
150000

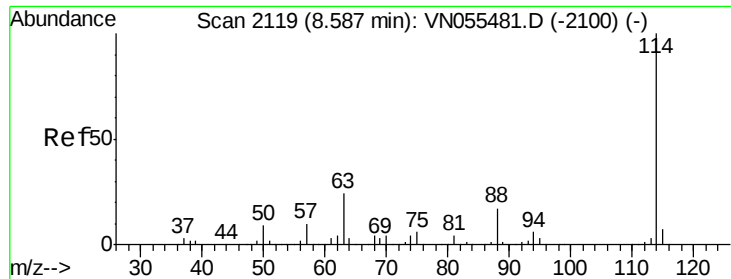
100000

50000

0

Time--> 7.90 8.00 8.10

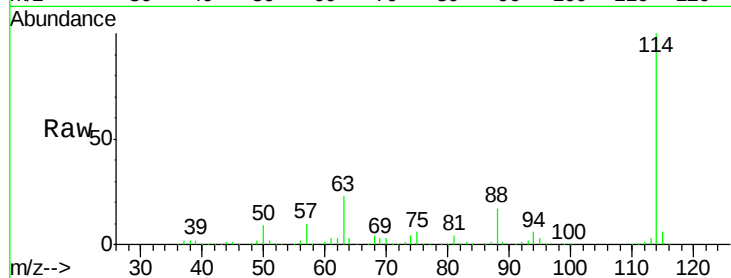




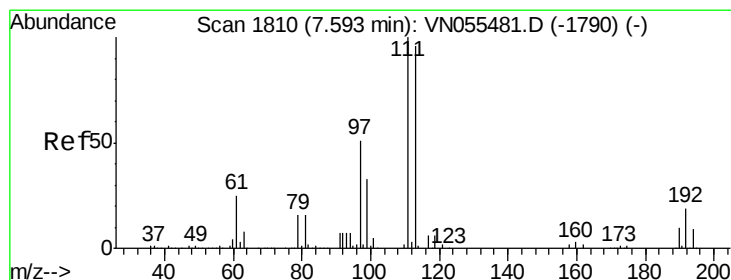
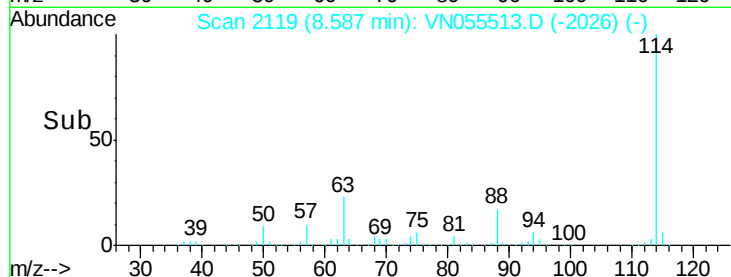
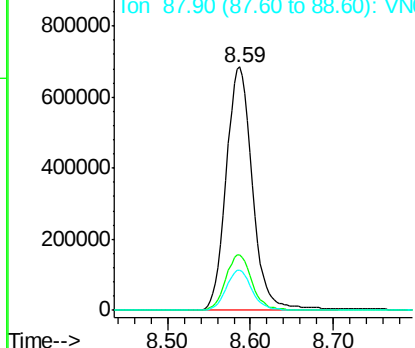
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055513.D
 Acq: 9 May 2019 22:44

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Tot Ion:114 Resp: 1515862
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 47.4
 88 16.6 0.0 34.0

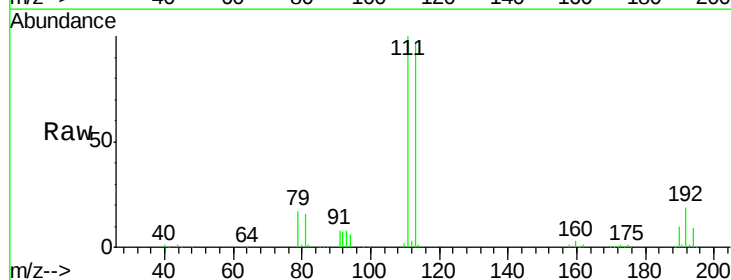


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

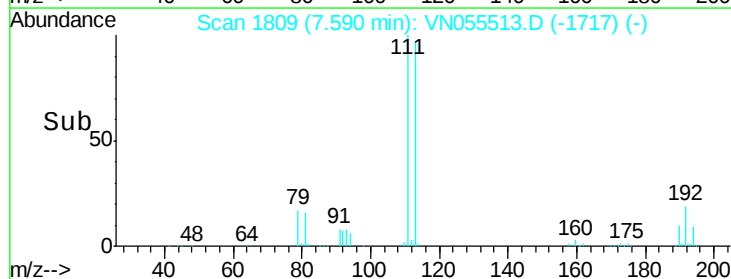
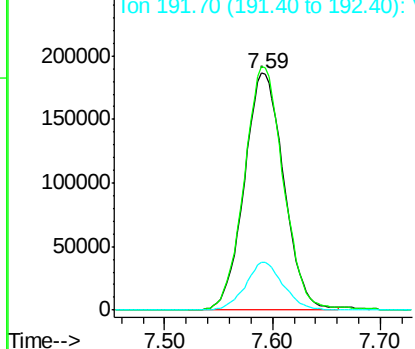


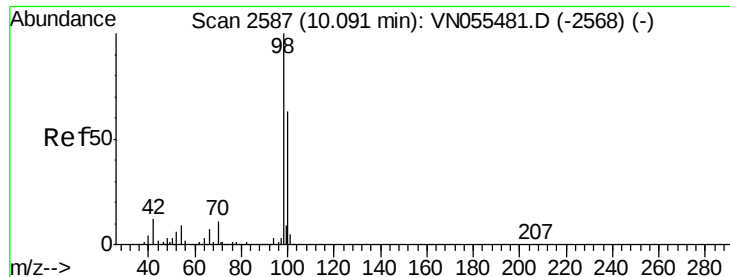
#35
 Dibromofluoromethane
 Concen: 48.448 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055513.D
 Acq: 9 May 2019 22:44

Tgt Ion:113 Resp: 473747
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.9 124.3
 192 19.3 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: 48.242 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055513.D

Acq: 9 May 2019 22:44

Instrument :

MSVOA_N

ClientSampled :

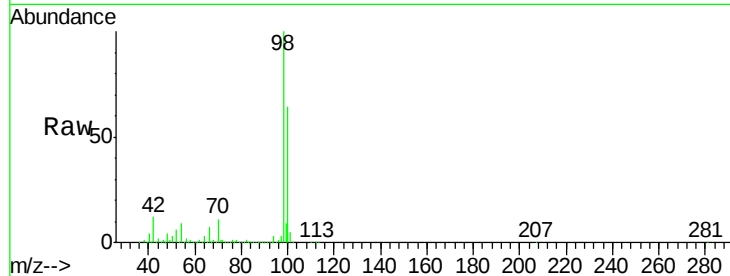
TRIP-BLANK

Tot Ion: 98 Resp: 1838292

Ion Ratio Lower Upper

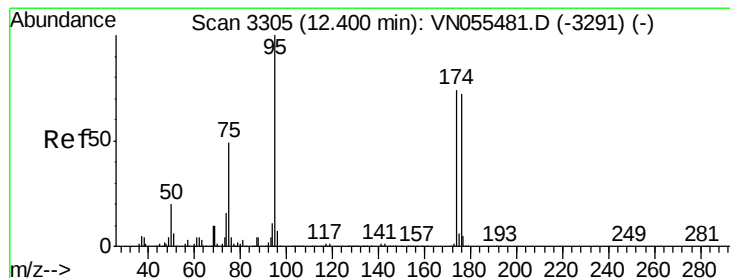
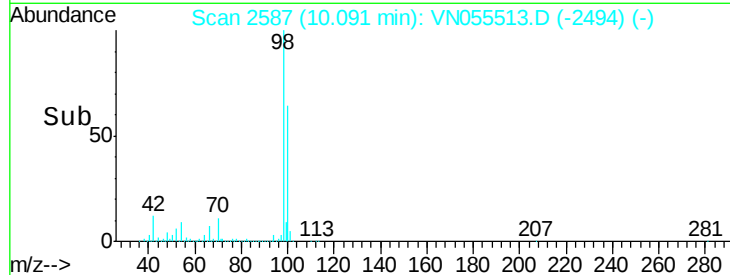
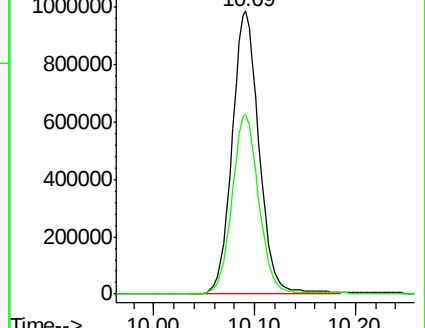
98 100

100 63.7 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 41.687 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055513.D

Acq: 9 May 2019 22:44

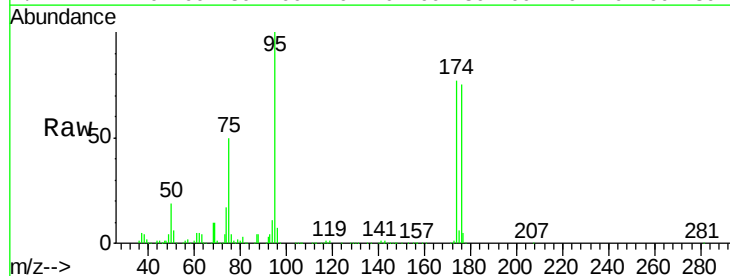
Tgt Ion: 95 Resp: 535632

Ion Ratio Lower Upper

95 100

174 78.1 0.0 152.2

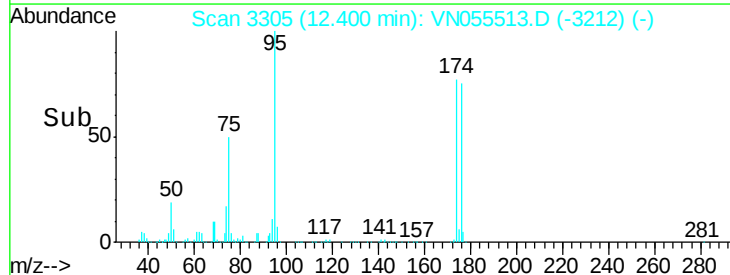
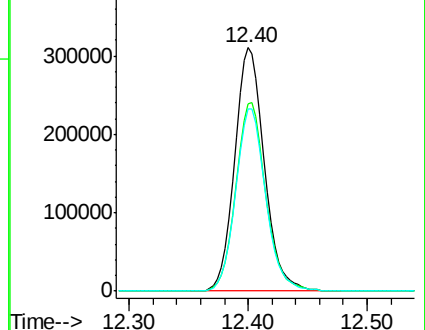
176 75.9 0.0 147.8

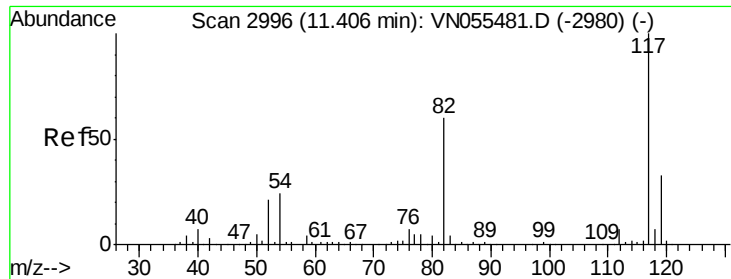


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

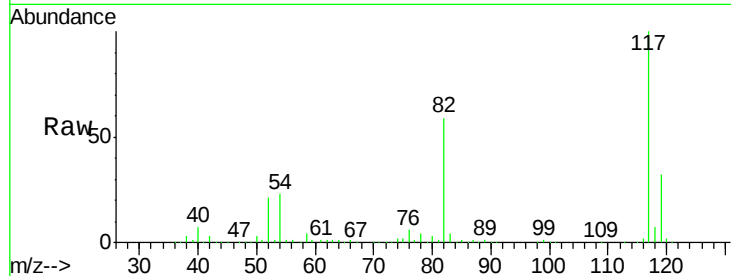




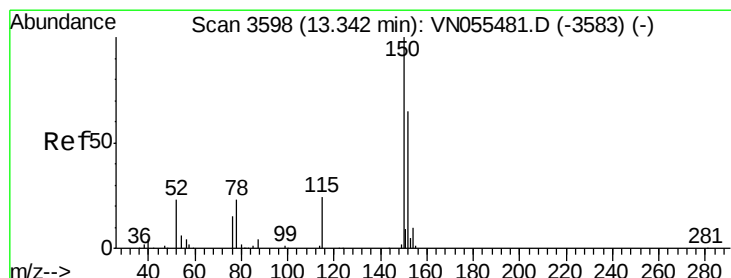
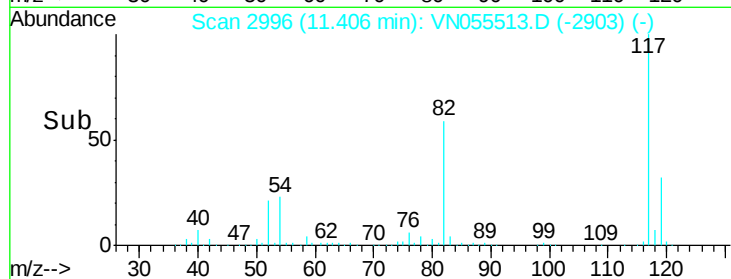
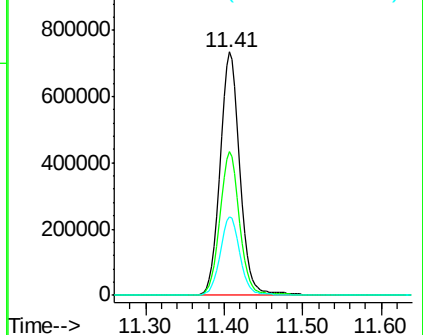
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055513.D
Acq: 9 May 2019 22:44

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tot Ion:117 Resp: 1269181
Ion Ratio Lower Upper
117 100
82 58.9 48.0 72.0
119 32.4 26.0 39.0

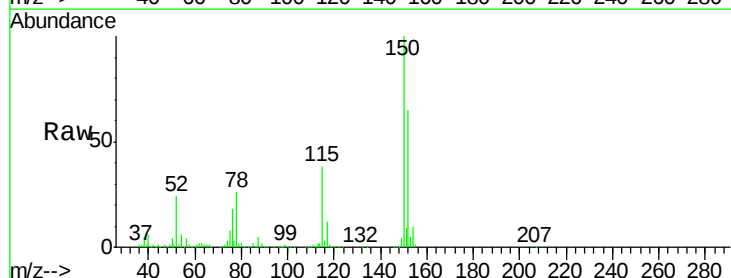


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN055513.D
Acq: 9 May 2019 22:44

Tgt Ion:152 Resp: 351865
Ion Ratio Lower Upper
152 100
115 59.3 30.1 90.5
150 156.4 0.0 355.0



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

