

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061319\
 Data File : VN056275.D
 Acq On : 13 Jun 2019 12:44
 Operator : JC/SP
 Sample : K3345-17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB_061219

Quant Time: Jun 14 01:26:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	336365	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	560145	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	548554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	157395	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	189941	56.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	113.74%	
35) Dibromofluoromethane	7.59	113	173214	50.40	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.80%	
50) Toluene-d8	10.09	98	690760	52.23	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.46%	
62) 4-Bromofluorobenzene	12.40	95	213957	47.57	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.14%	

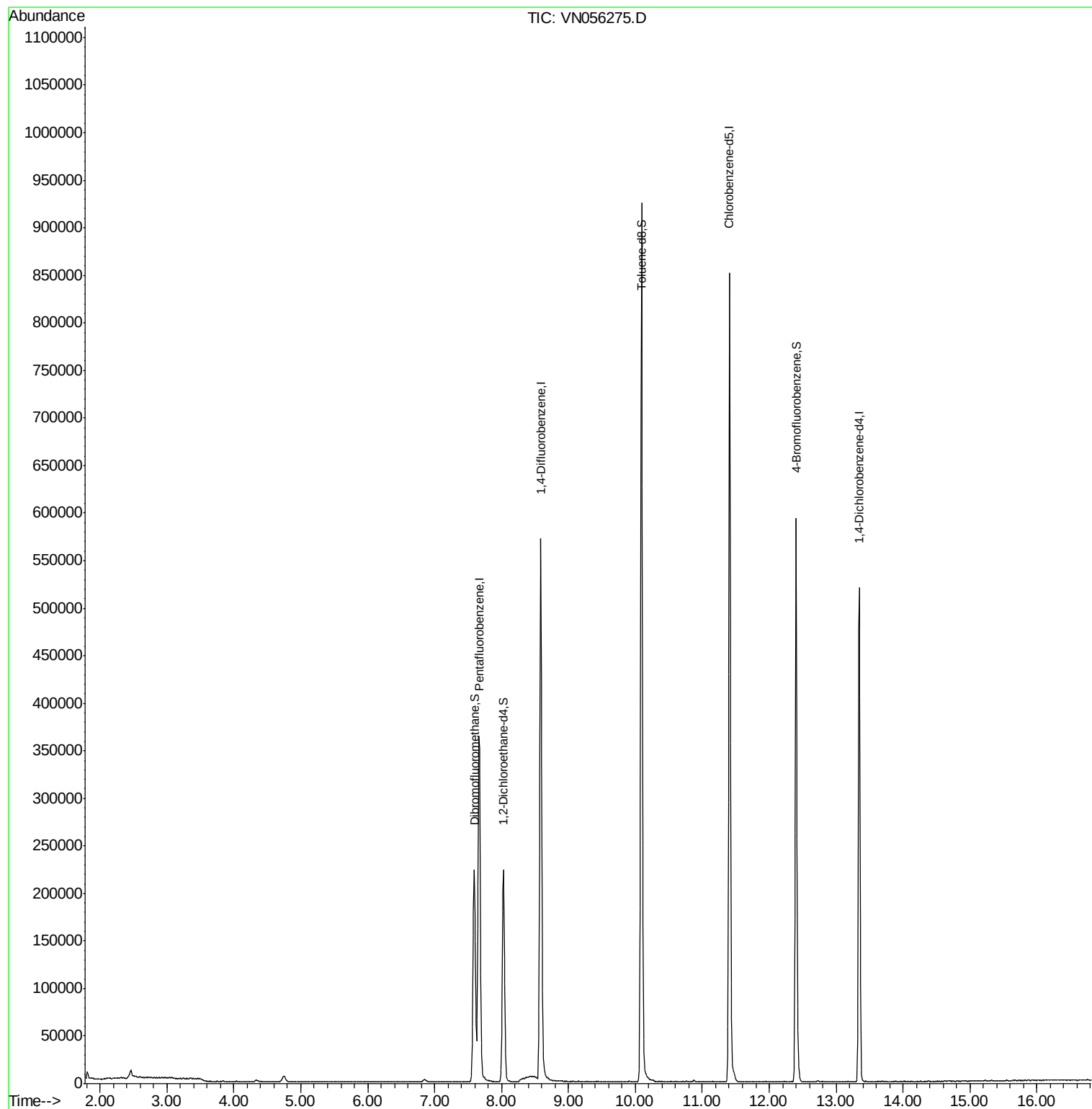
Target Compounds	Qvalue
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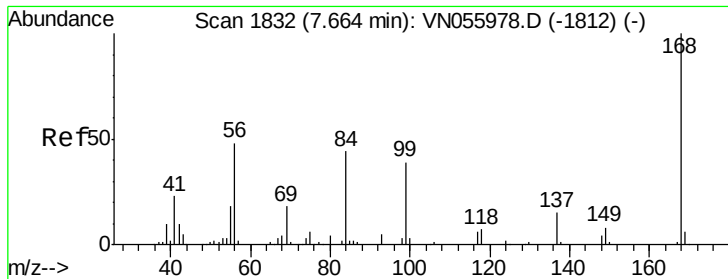
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056275.D

Acq: 13 Jun 2019 12:44

Instrument :

MSVOA_N

ClientSampleId :

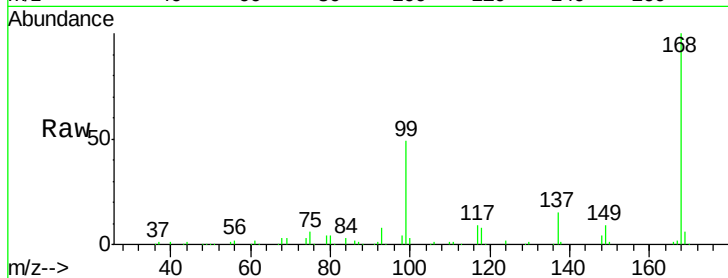
TB_061219

Tot Ion:168 Resp: 336365

Ion Ratio Lower Upper

168 100

99 48.7 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

150000

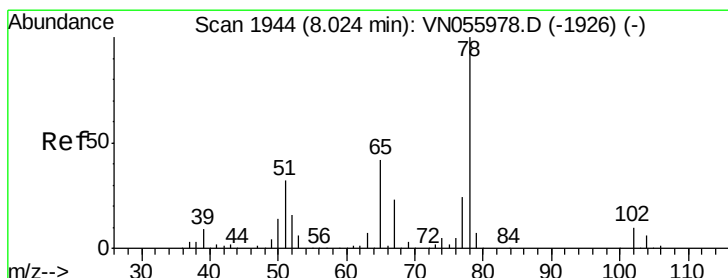
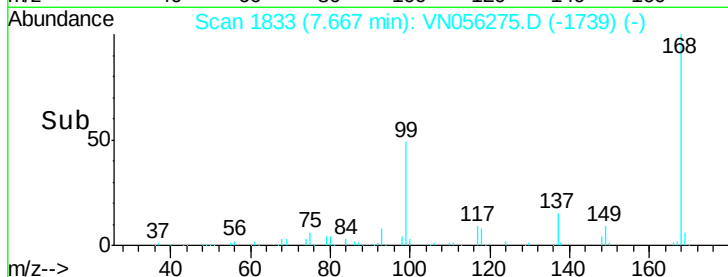
100000

50000

0

Time-->

7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 56.872 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056275.D

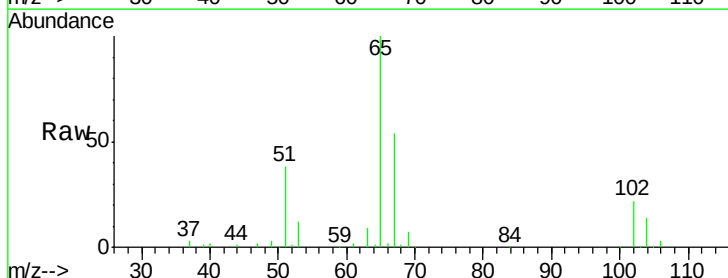
Acq: 13 Jun 2019 12:44

Tgt Ion: 65 Resp: 189941

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

80000

60000

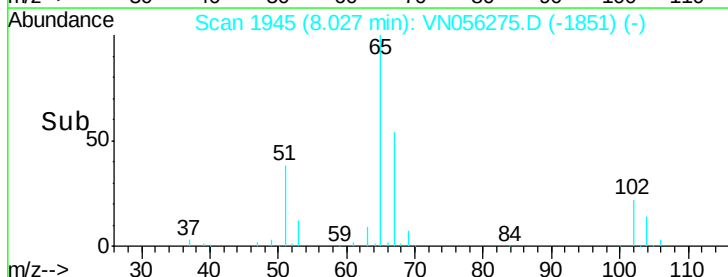
40000

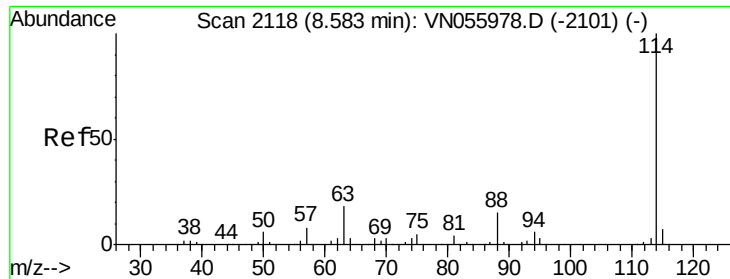
20000

0

Time-->

7.90 8.00 8.10 8.20

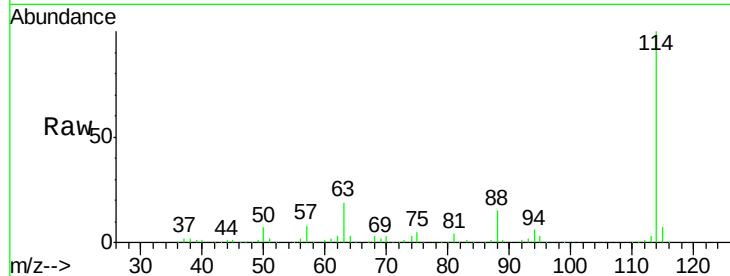




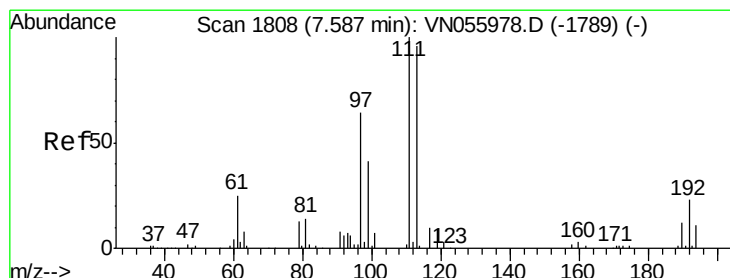
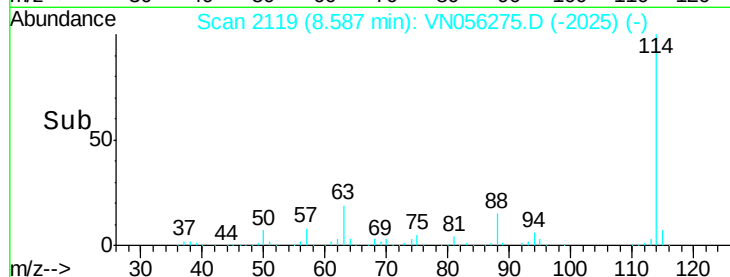
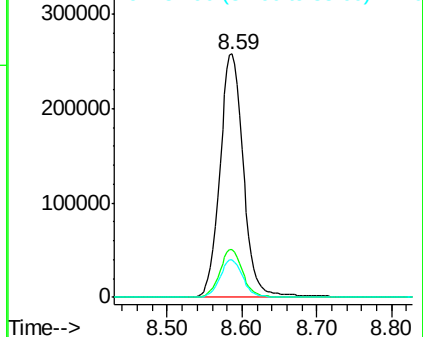
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056275.D
 Acq: 13 Jun 2019 12:44

Instrument :
 MSVOA_N
 ClientSampleId :
 TB_061219

Tot Ion:114 Resp: 560145
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.2
 88 15.4 0.0 31.0

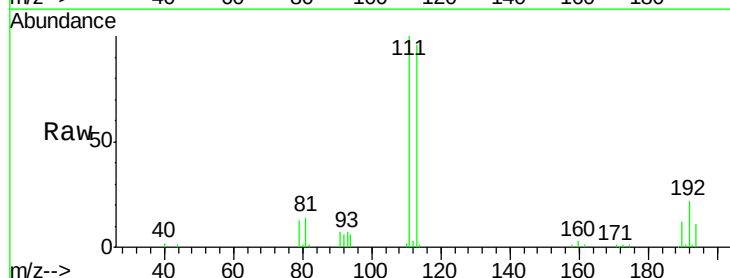


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VNO
 Ion 87.90 (87.60 to 88.60): VNO

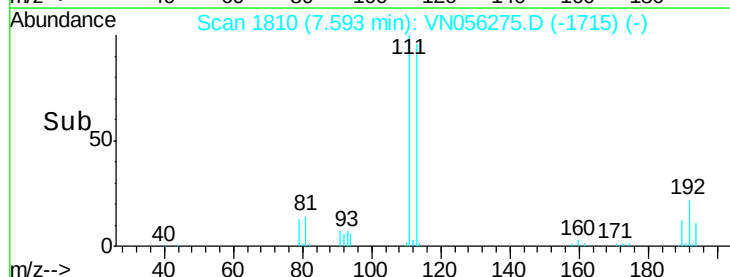
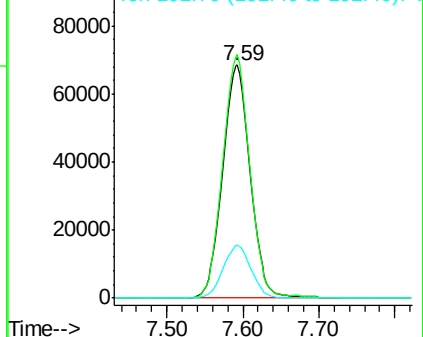


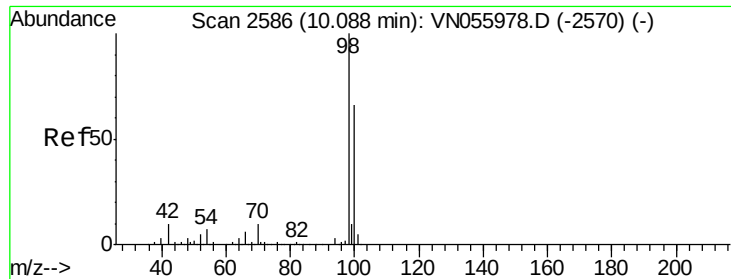
#35
 Dibromofluoromethane
 Concen: 50.402 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.01 min
 Lab File: VN056275.D
 Acq: 13 Jun 2019 12:44

Tgt Ion:113 Resp: 173214
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.9 122.9
 192 22.8 19.5 29.3



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

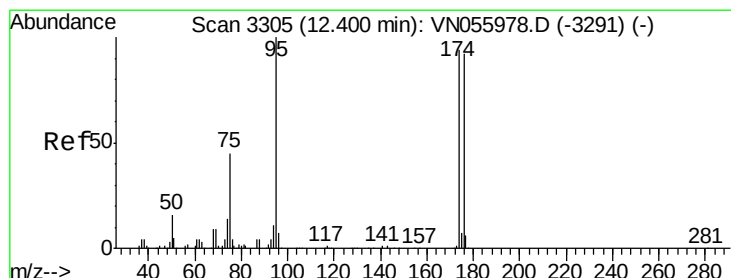
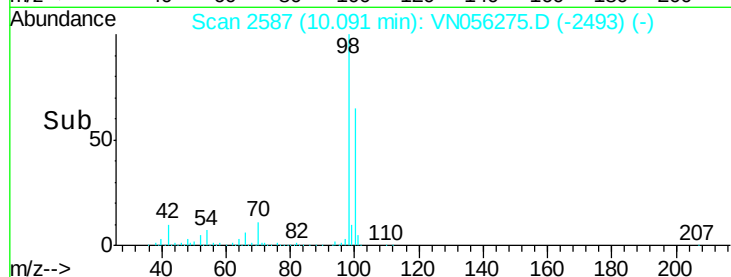
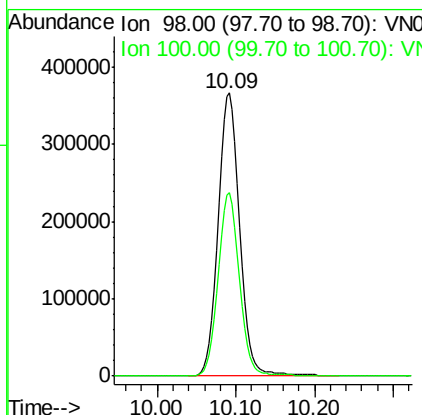
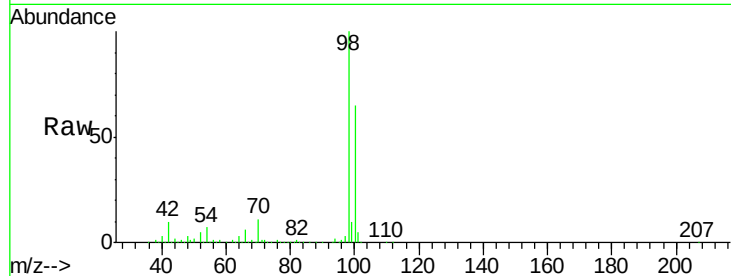




#50
Toluene-d8
Concen: 52.234 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056275.D
Acq: 13 Jun 2019 12:44

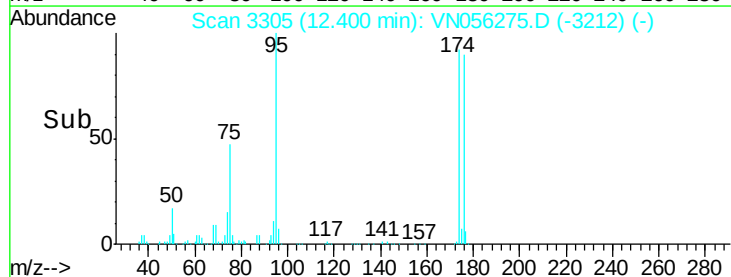
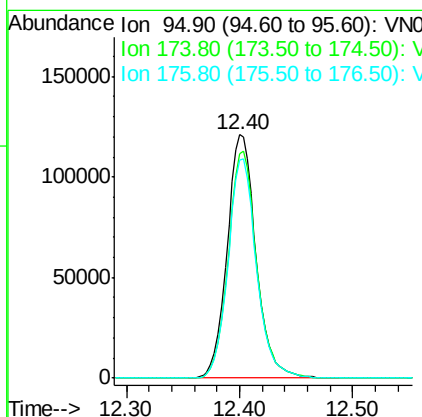
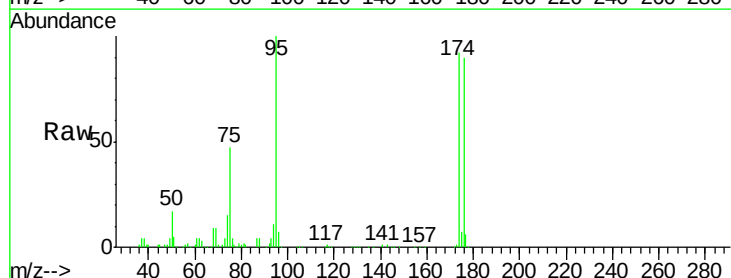
Instrument :
MSVOA_N
ClientSampled :
TB_061219

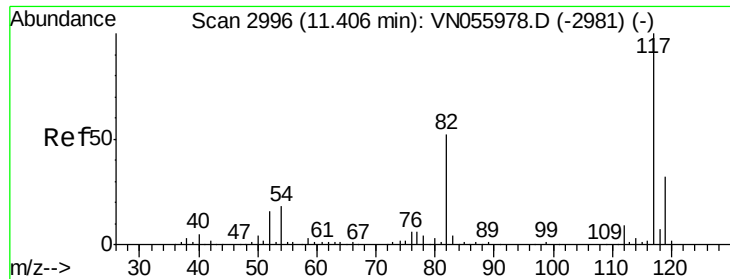
Tot Ion: 98 Resp: 690760
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.575 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056275.D
Acq: 13 Jun 2019 12:44

Tgt Ion: 95 Resp: 213957
Ion Ratio Lower Upper
95 100
174 92.3 0.0 191.0
176 88.9 0.0 185.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056275.D

Acq: 13 Jun 2019 12:44

Instrument :

MSVOA_N

ClientSampled :

TB_061219

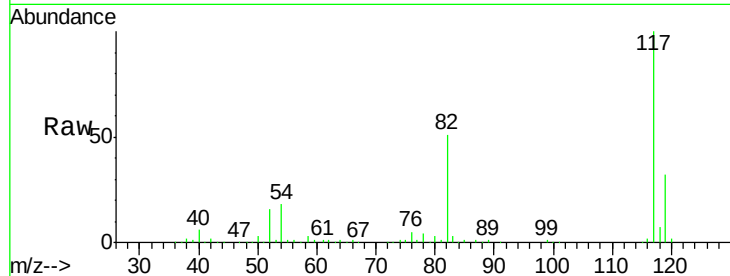
Tot Ion:117 Resp: 548554

Ion Ratio Lower Upper

117 100

82 51.4 41.8 62.8

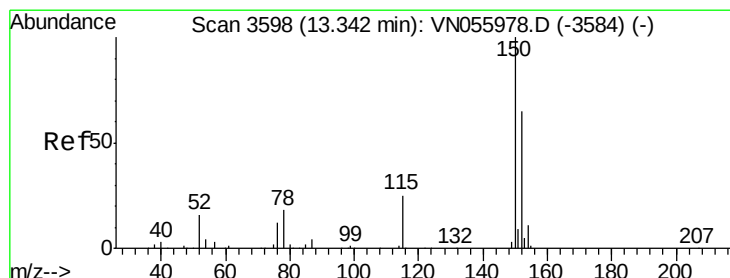
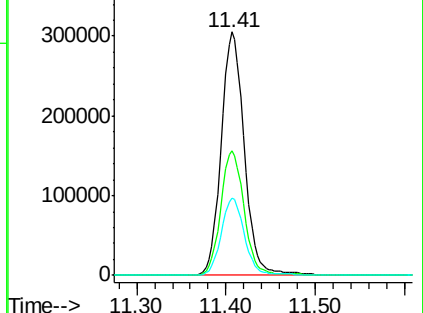
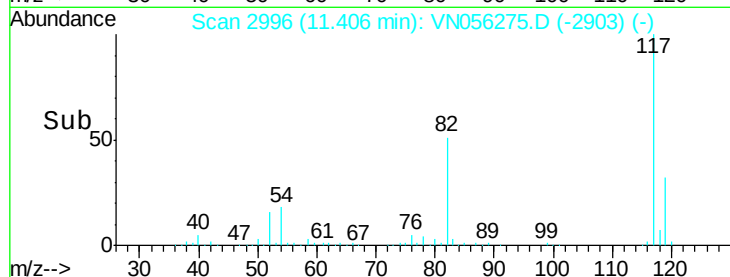
119 31.8 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

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: VN056275.D

Acq: 13 Jun 2019 12:44

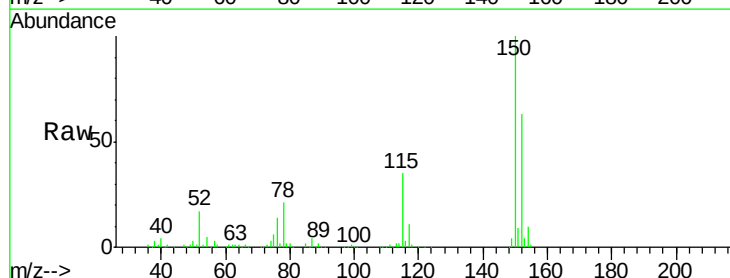
Tgt Ion:152 Resp: 157395

Ion Ratio Lower Upper

152 100

115 54.8 27.0 81.0

150 156.7 0.0 343.2



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

