

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051019\
 Data File : VN055551.D
 Acq On : 10 May 2019 14:52
 Operator : JC/SP
 Sample : K2758-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IW-21

Quant Time: May 11 13:42:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 06:48:32 2019
 Response via : Initial Calibration

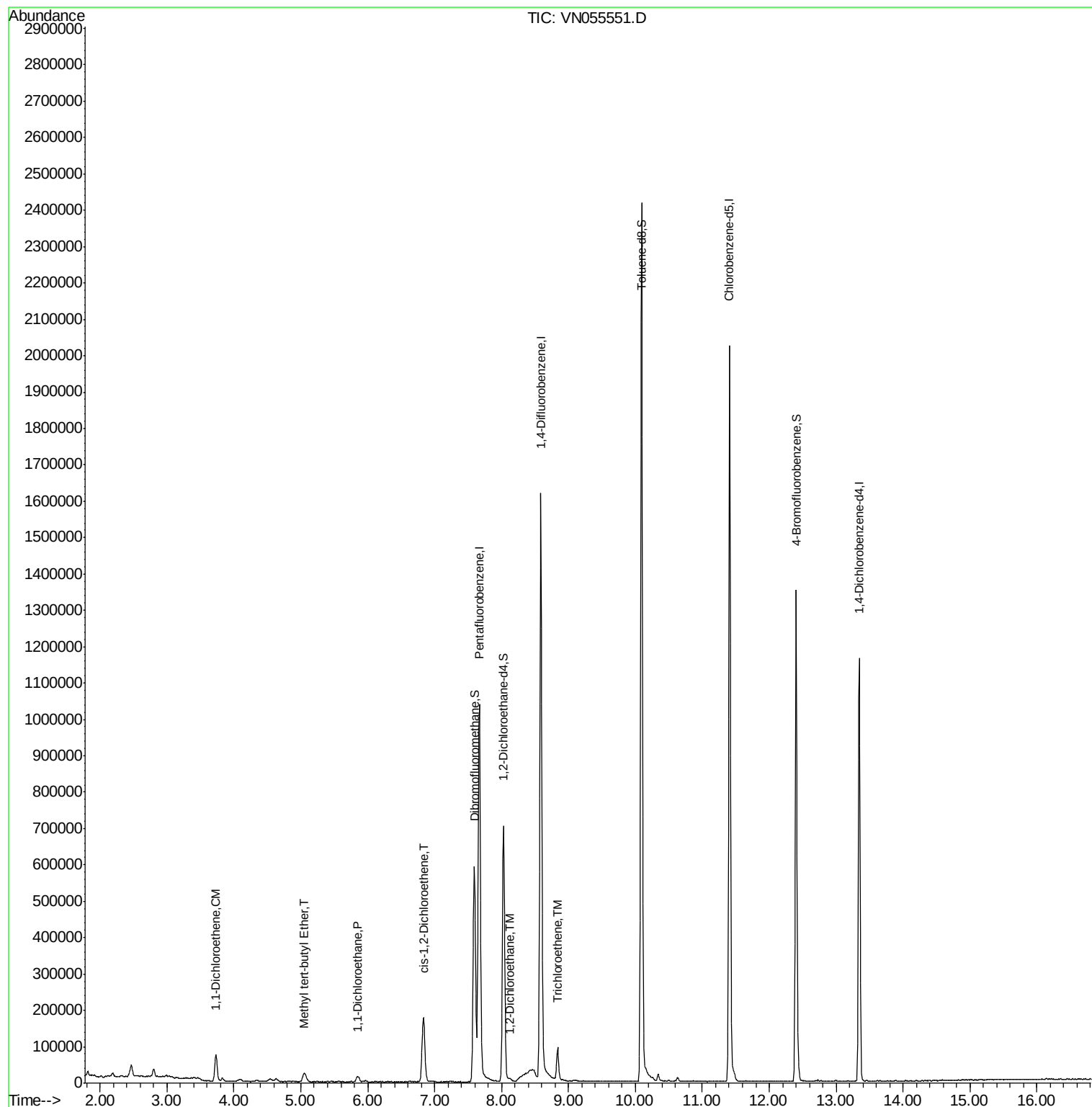
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	874314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1442495	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1207349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	325453	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	590610	44.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.72%	
35) Dibromofluoromethane	7.59	113	463803	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
50) Toluene-d8	10.09	98	1767792	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
62) 4-Bromofluorobenzene	12.40	95	501089	40.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.96%	
Target Compounds						
12) 1,1-Dichloroethene	3.73	96	38563	4.036	ug/l	98
19) Methyl tert-butyl Ether	5.06	73	36444	1.148	ug/l	95
24) 1,1-Dichloroethane	5.85	63	23642	1.101	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	117650	9.826	ug/l	90
42) 1,2-Dichloroethane	8.13	62	4379	0.283	ug/l	86
44) Trichloroethene	8.84	130	32715	3.117	ug/l	99

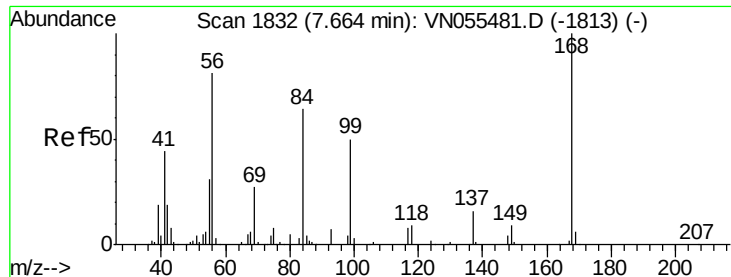
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051019\
Data File : VN055551.D
Acq On : 10 May 2019 14:52
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IW-21

Quant Time: May 11 13:42:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
Quant Title : SW846 8260
QLast Update : Fri May 10 06:48:32 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055551.D

Acq: 10 May 2019 14:52

Instrument :

MSVOA_N

ClientSampled :

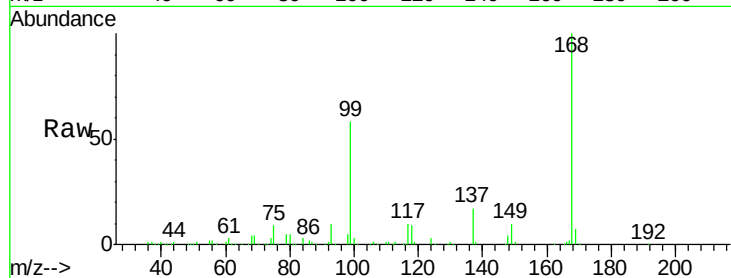
IW-21

Tot Ion:168 Resp: 874314

Ion Ratio Lower Upper

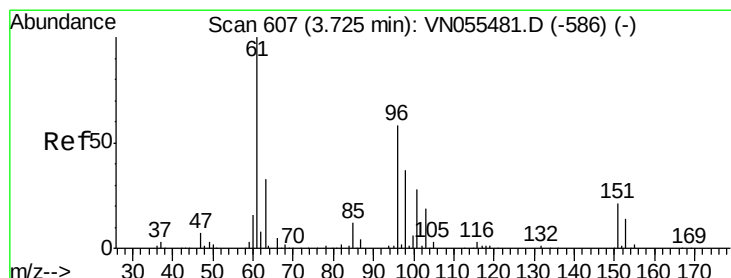
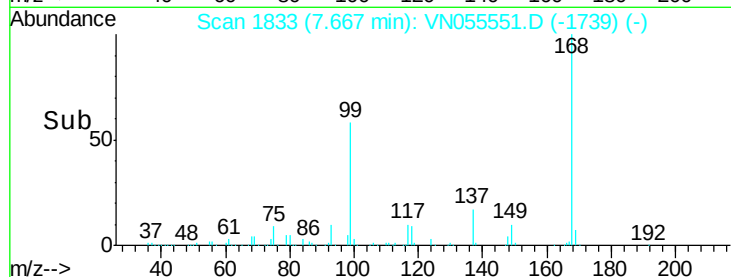
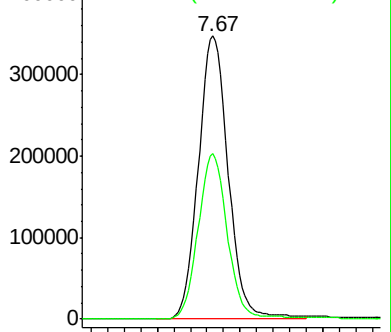
168 100

99 58.4 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#12

1,1-Dichloroethene

Concen: 4.036 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.01 min

Lab File: VN055551.D

Acq: 10 May 2019 14:52

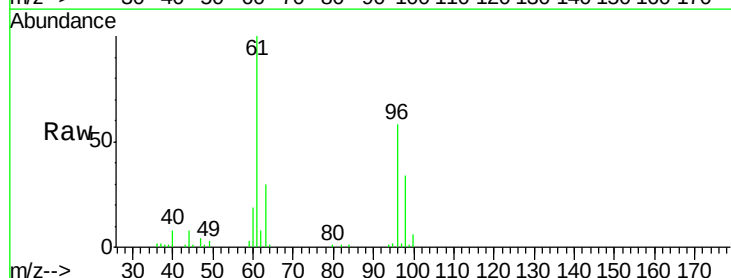
Tgt Ion: 96 Resp: 38563

Ion Ratio Lower Upper

96 100

61 172.3 138.7 208.1

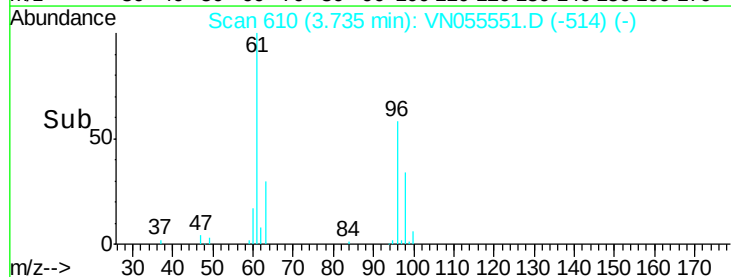
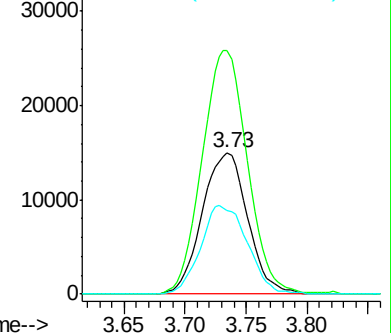
98 59.0 50.6 76.0

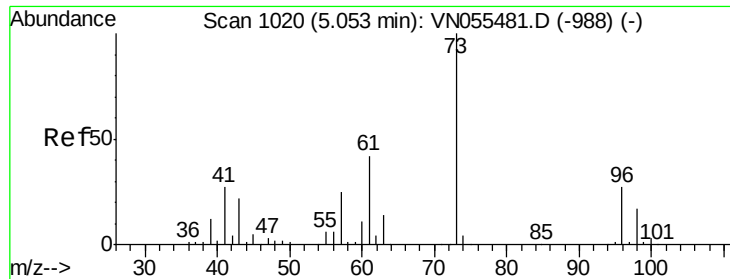


Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

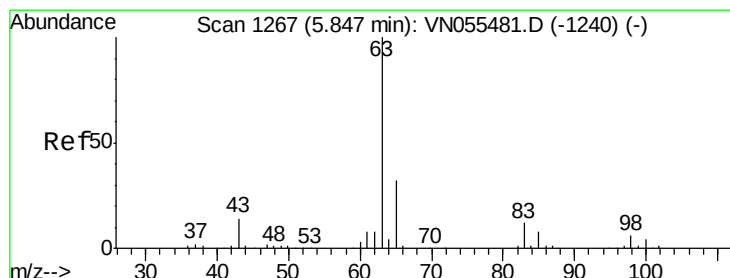
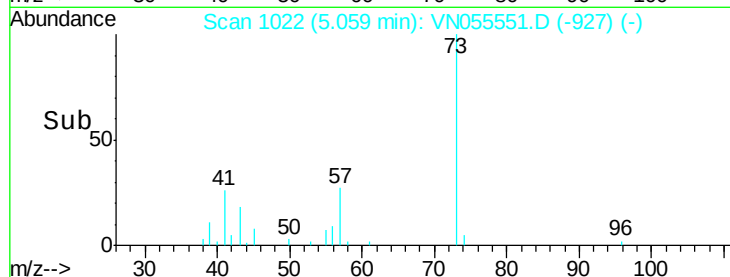
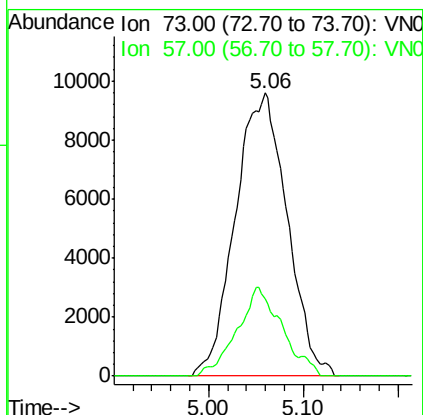
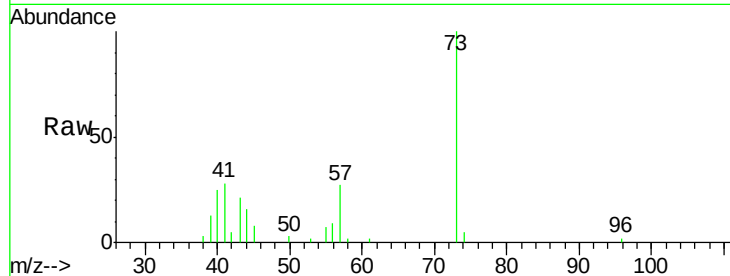




#19
Methyl tert-butyl Ether
Concen: 1.148 ug/l
RT: 5.06 min Scan# 1022
Delta R.T. 0.01 min
Lab File: VN055551.D
Acq: 10 May 2019 14:52

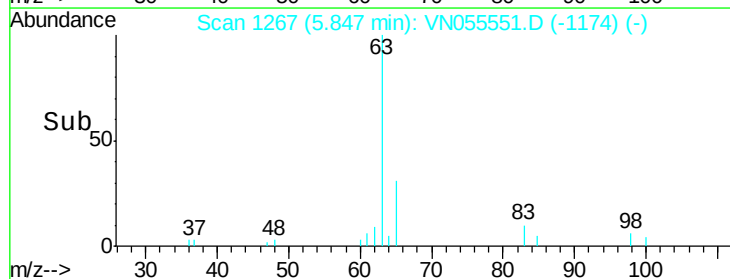
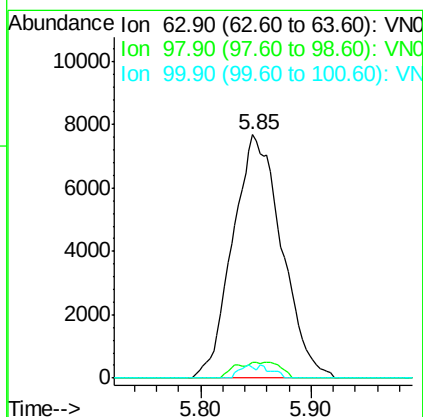
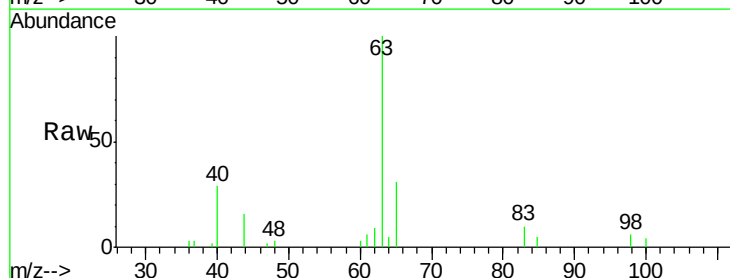
Instrument :
MSVOA_N
ClientSampled :
IW-21

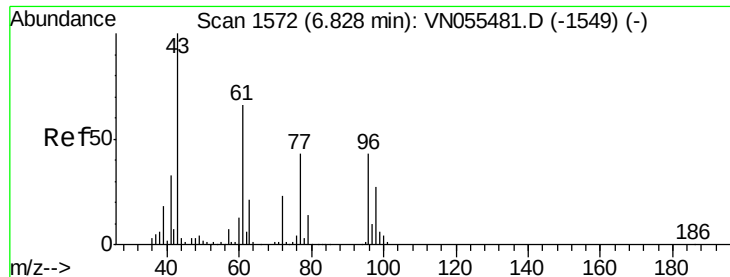
Tot Ion: 73 Resp: 36444
Ion Ratio Lower Upper
73 100
57 27.3 20.0 30.0



#24
1,1-Dichloroethane
Concen: 1.101 ug/l
RT: 5.85 min Scan# 1267
Delta R.T. -0.00 min
Lab File: VN055551.D
Acq: 10 May 2019 14:52

Tgt Ion: 63 Resp: 23642
Ion Ratio Lower Upper
63 100
98 6.4 3.0 9.0
100 4.3 1.9 5.7

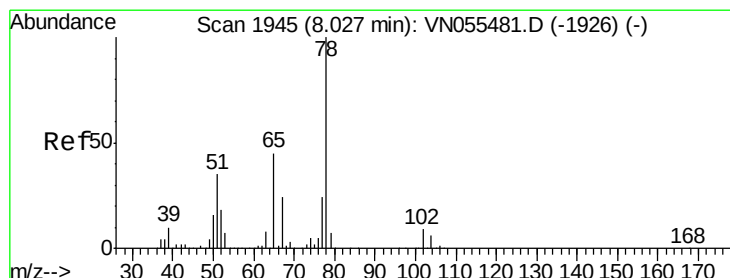
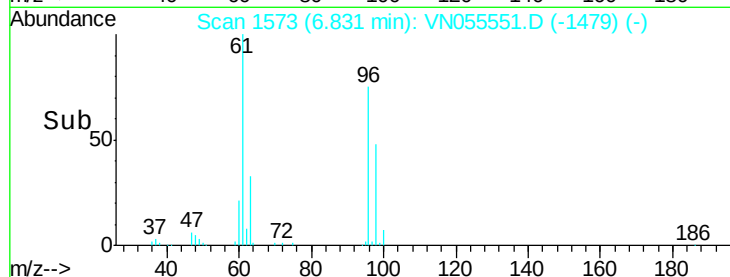
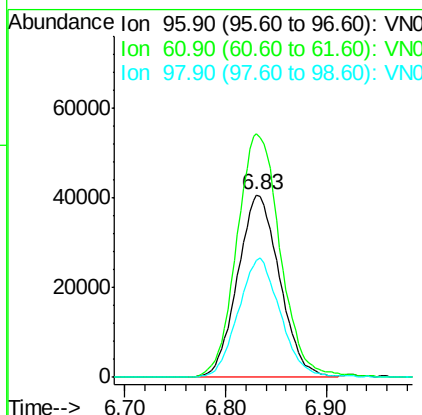
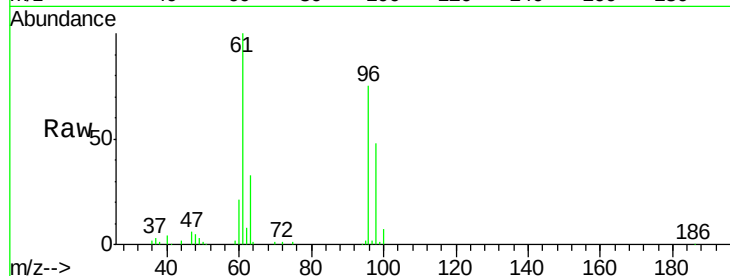




#27
 cis-1,2-Dichloroethene
 Concen: 9.826 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VN055551.D
 Acq: 10 May 2019 14:52

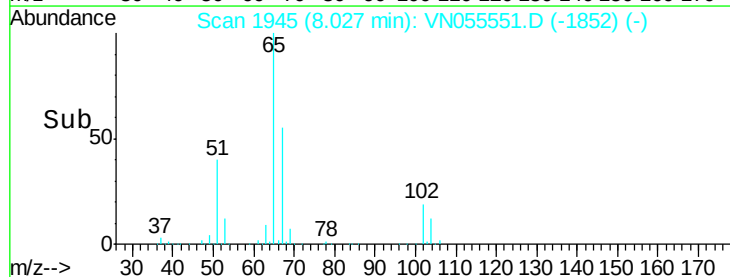
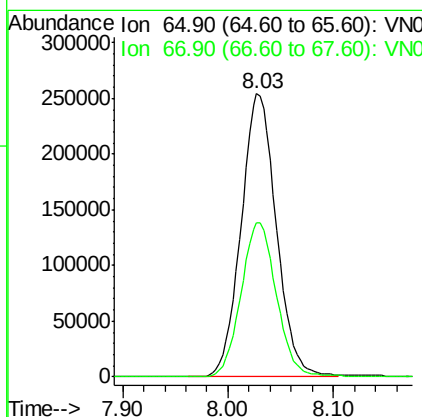
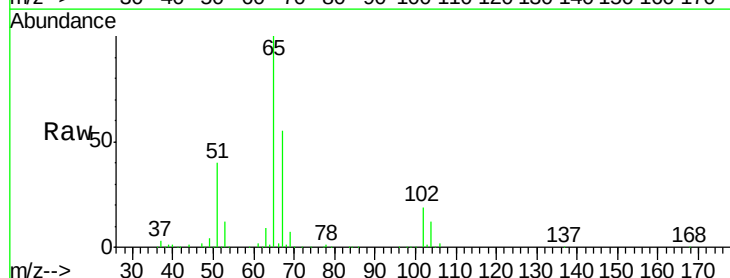
Instrument :
 MSVOA_N
 ClientSampleId :
 IW-21

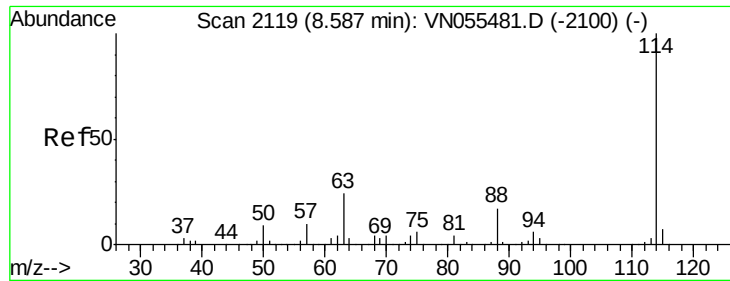
Tot Ion: 96 Resp: 117650
 Ion Ratio Lower Upper
 96 100
 61 138.4 0.0 310.8
 98 65.5 0.0 129.4



#33
 1,2-Dichloroethane-d4
 Concen: 44.865 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055551.D
 Acq: 10 May 2019 14:52

Tgt Ion: 65 Resp: 590610
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 109.6

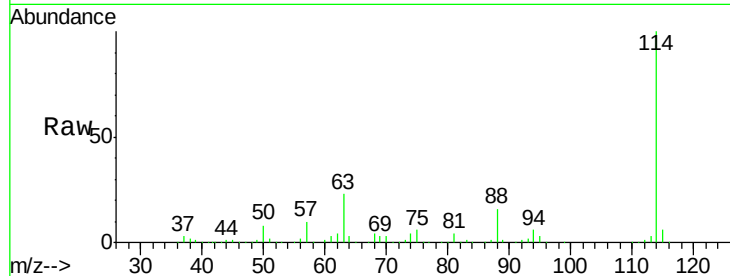




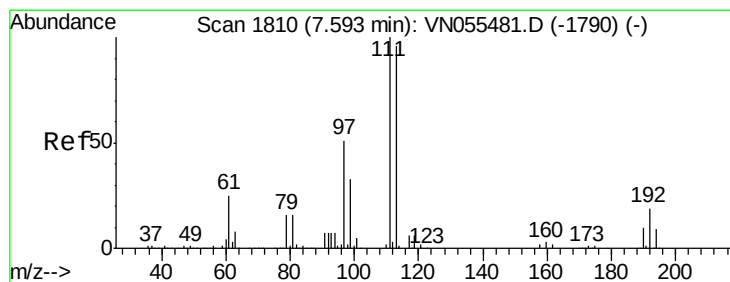
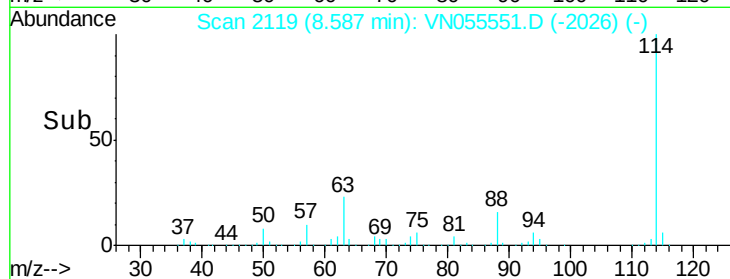
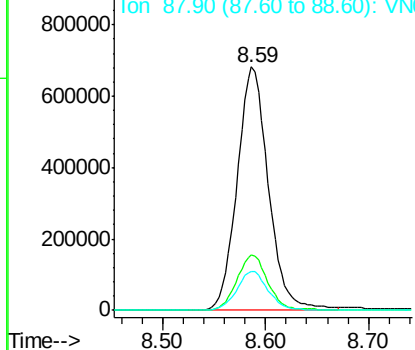
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN055551.D
Acq: 10 May 2019 14:52

Instrument :
MSVOA_N
ClientSampleId :
IW-21

Tot Ion:114 Resp: 1442495
Ion Ratio Lower Upper
114 100
63 22.9 0.0 47.4
88 16.1 0.0 34.0

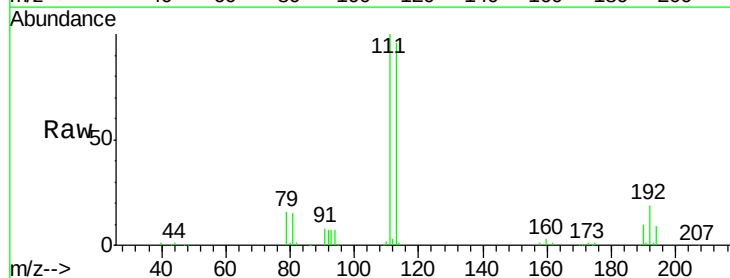


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

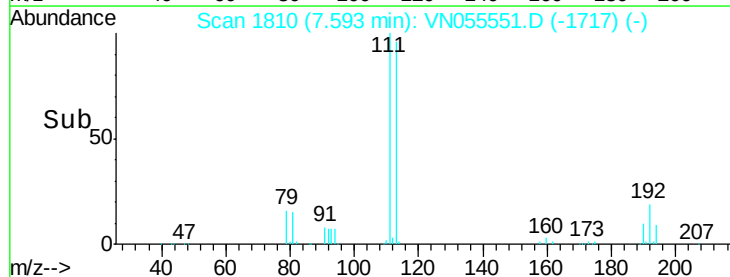
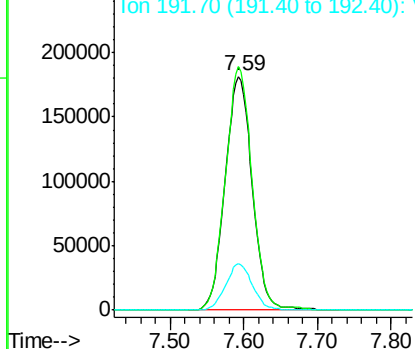


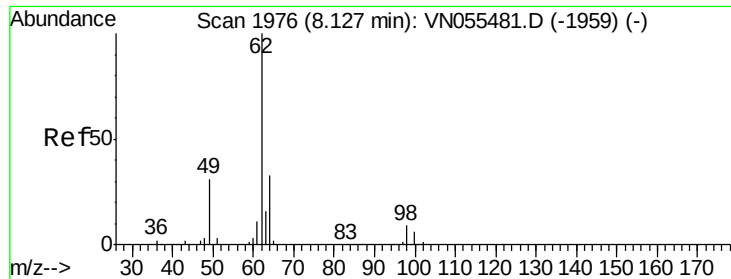
#35
Dibromofluoromethane
Concen: 49.843 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN055551.D
Acq: 10 May 2019 14:52

Tgt Ion:113 Resp: 463803
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 19.6 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

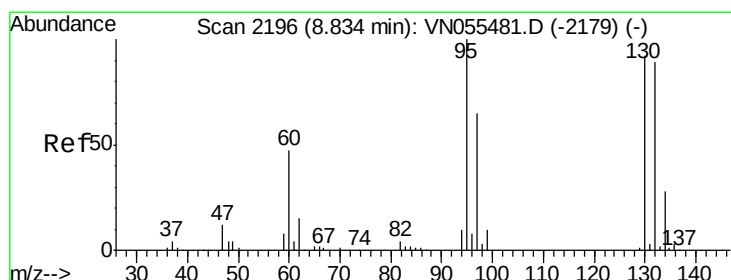
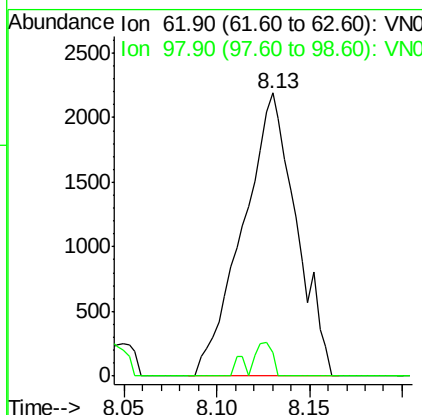
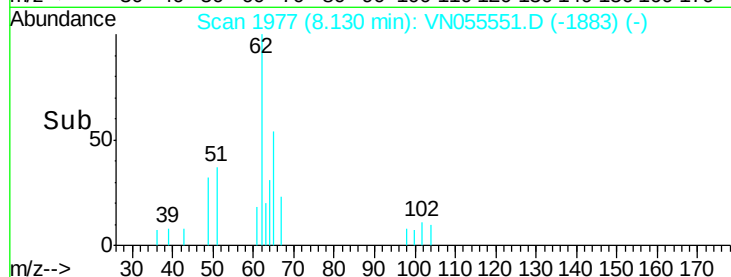
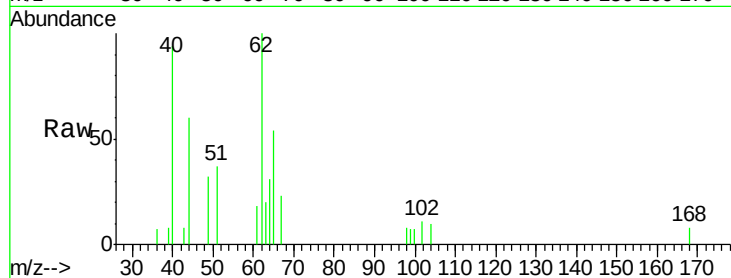




#42
 1,2-Dichloroethane
 Concen: 0.283 ug/l
 RT: 8.13 min Scan# 1977
 Delta R.T. 0.00 min
 Lab File: VN055551.D
 Acq: 10 May 2019 14:52

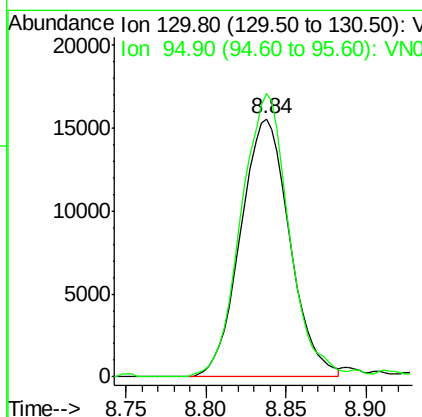
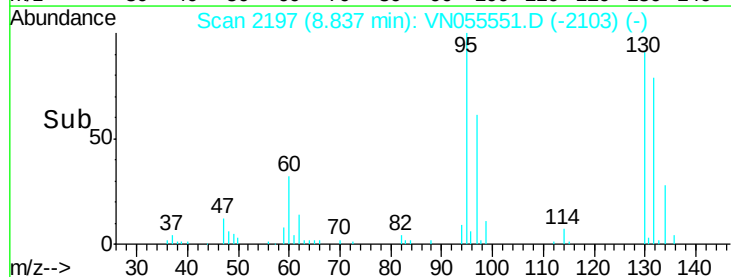
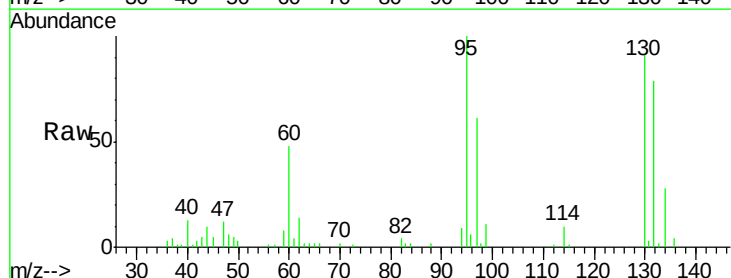
Instrument :
 MSVOA_N
 ClientSampleId :
 IW-21

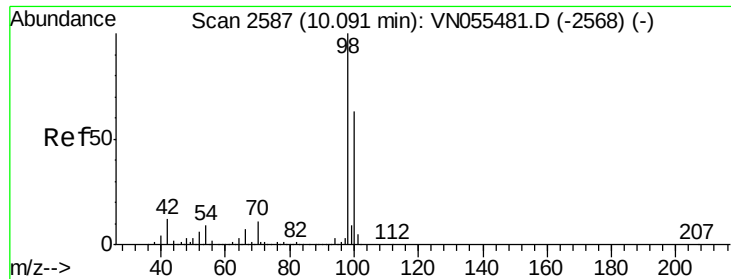
Tot Ion: 62 Resp: 4379
 Ion Ratio Lower Upper
 62 100
 98 3.8 0.0 17.4



#44
 Trichloroethene
 Concen: 3.117 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN055551.D
 Acq: 10 May 2019 14:52

Tgt Ion:130 Resp: 32715
 Ion Ratio Lower Upper
 130 100
 95 109.7 0.0 216.8





#50

Toluene-d8

Concen: 48.751 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055551.D

Acq: 10 May 2019 14:52

Instrument :

MSVOA_N

ClientSampled :

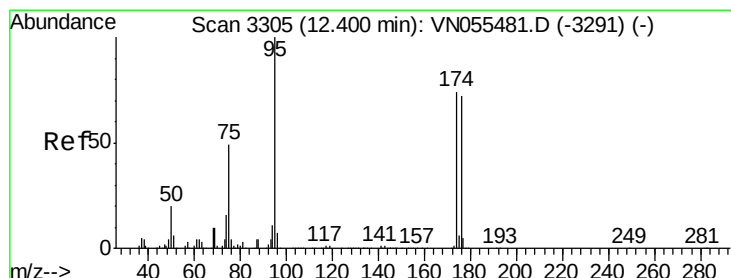
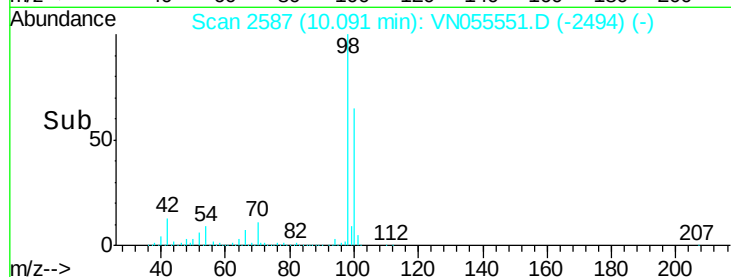
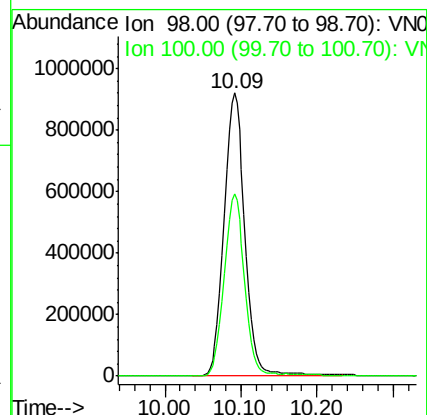
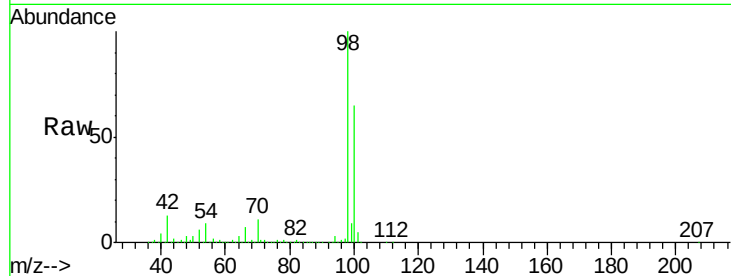
IW-21

Tot Ion: 98 Resp: 1767792

Ion Ratio Lower Upper

98 100

100 62.2 50.4 75.6



#62

4-Bromofluorobenzene

Concen: 40.982 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055551.D

Acq: 10 May 2019 14:52

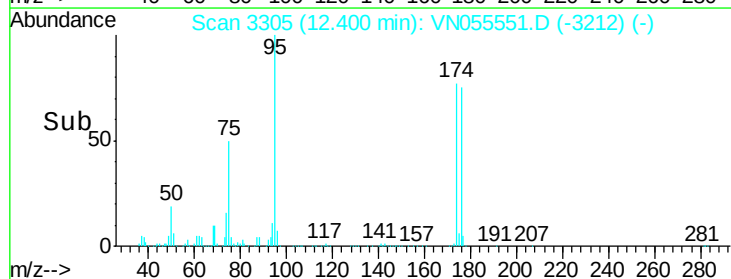
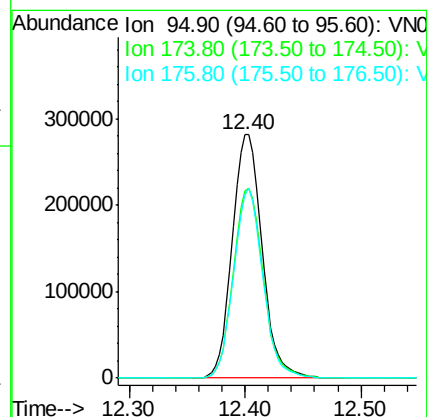
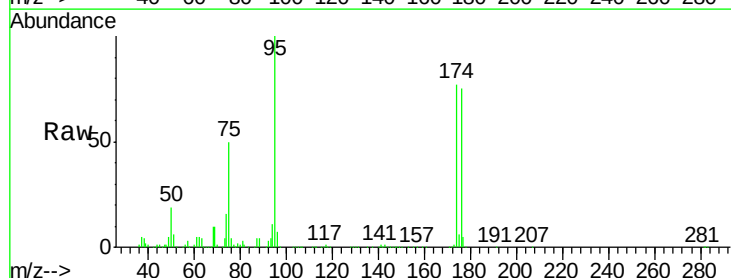
Tgt Ion: 95 Resp: 501089

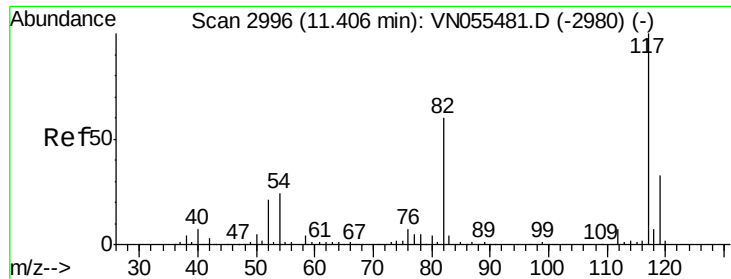
Ion Ratio Lower Upper

95 100

174 78.1 0.0 152.2

176 75.9 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: VN055551.D

Acq: 10 May 2019 14:52

Instrument :

MSVOA_N

ClientSampled :

IW-21

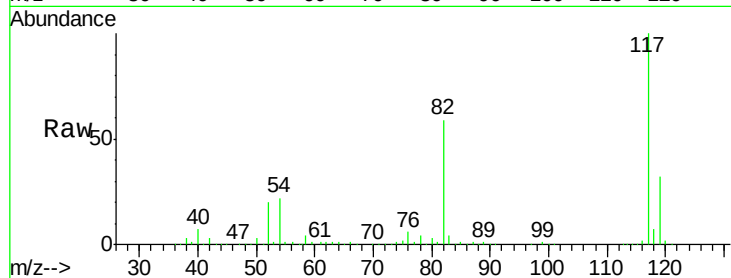
Tot Ion:117 Resp: 1207349

Ion Ratio Lower Upper

117 100

82 58.9 48.0 72.0

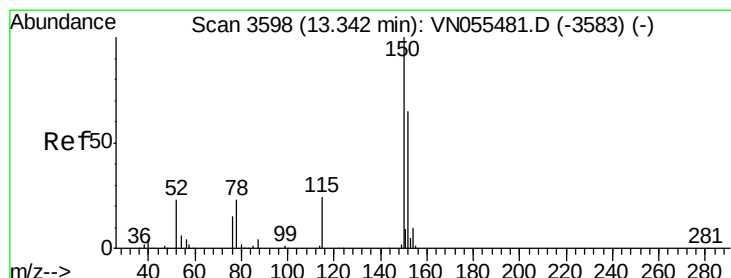
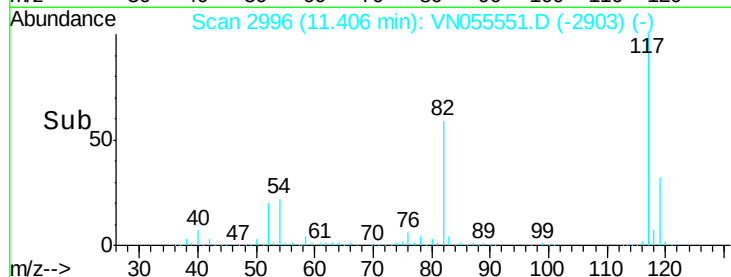
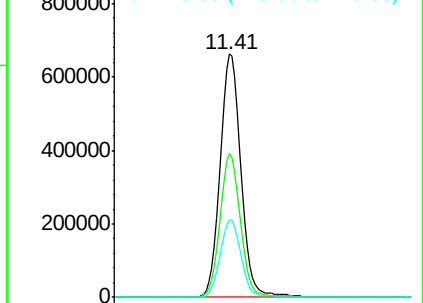
119 31.9 26.0 39.0



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: VN055551.D

Acq: 10 May 2019 14:52

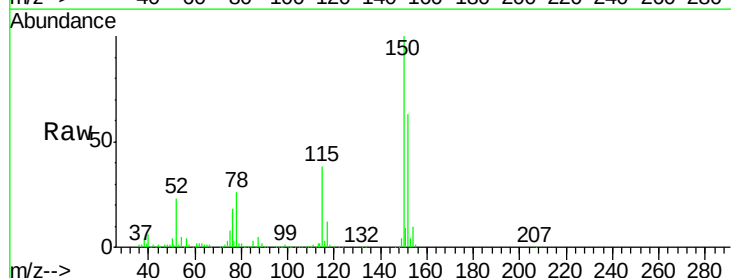
Tgt Ion:152 Resp: 325453

Ion Ratio Lower Upper

152 100

115 59.4 30.1 90.5

150 157.9 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

