

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051019\
 Data File : VN055545.D
 Acq On : 10 May 2019 12:22
 Operator : JC/SP
 Sample : K2758-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IW-17

Quant Time: May 11 13:21:03 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

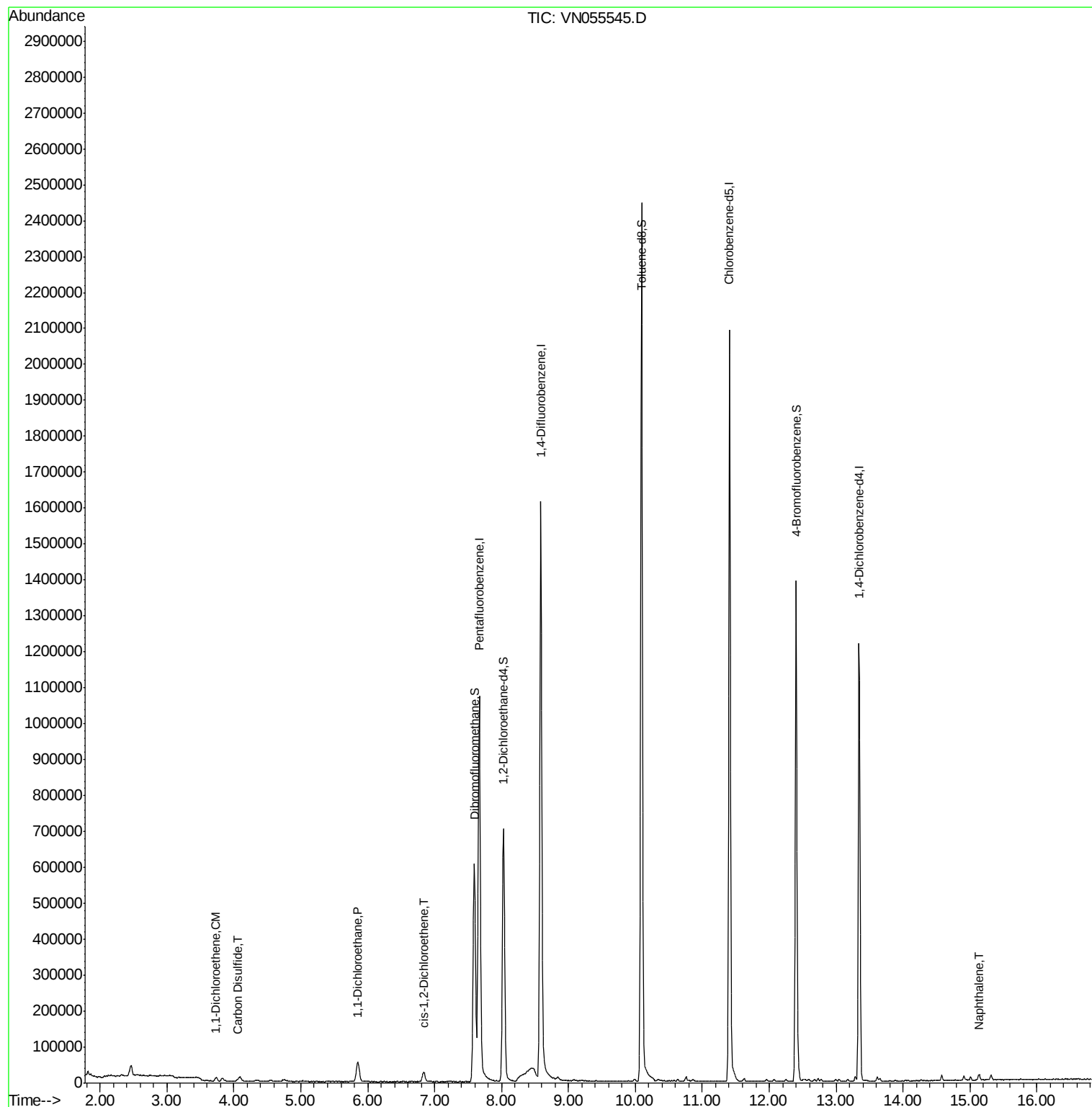
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	912076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1487440	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1243306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	343842	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	611233	44.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.02%	
35) Dibromofluoromethane	7.59	113	471529	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
50) Toluene-d8	10.09	98	1790954	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.80%	
62) 4-Bromofluorobenzene	12.40	95	521855	41.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.78%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	3.73	96	5219	0.524	ug/l	95
17) Carbon Disulfide	4.05	76	7620	0.280	ug/l	98
24) 1,1-Dichloroethane	5.85	63	88617	3.956	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	13906	1.113	ug/l	76
95) Naphthalene	15.14	128	13522	3.825	ug/l #	92

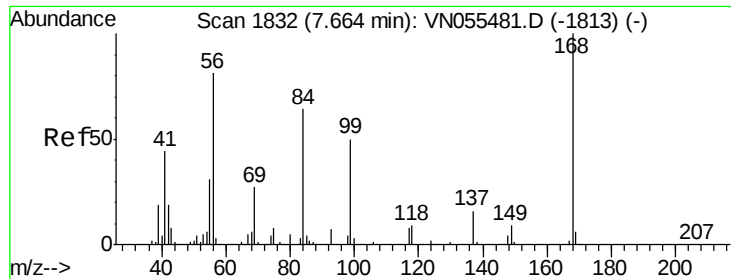
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051019\
Data File : VN055545.D
Acq On : 10 May 2019 12:22
Operator : JC/SP
Sample : K2758-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IW-17

Quant Time: May 11 13:21:03 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: VN055545.D

Acq: 10 May 2019 12:22

Instrument :

MSVOA_N

ClientSampled :

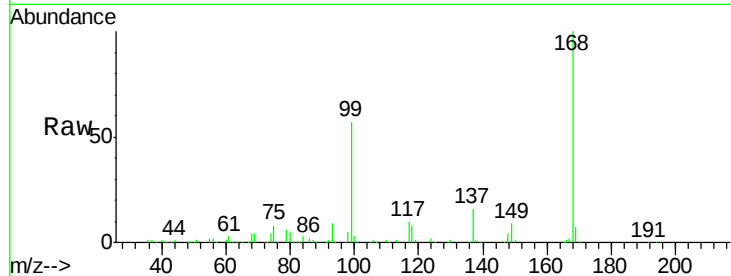
IW-17

Tot Ion:168 Resp: 912076

Ion Ratio Lower Upper

168 100

99 56.8 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

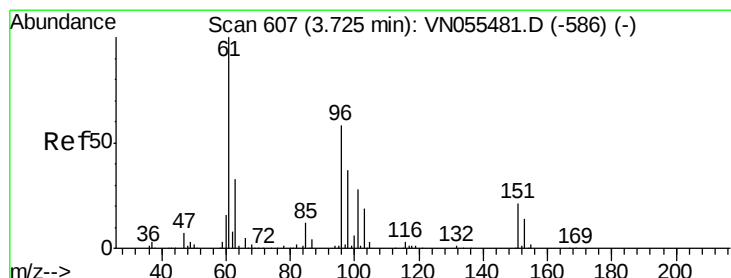
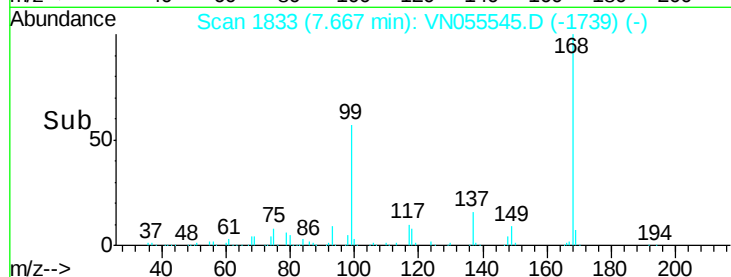
300000

200000

100000

0

Time-->



#12

1,1-Dichloroethene

Concen: 0.524 ug/l

RT: 3.73 min Scan# 609

Delta R.T. 0.01 min

Lab File: VN055545.D

Acq: 10 May 2019 12:22

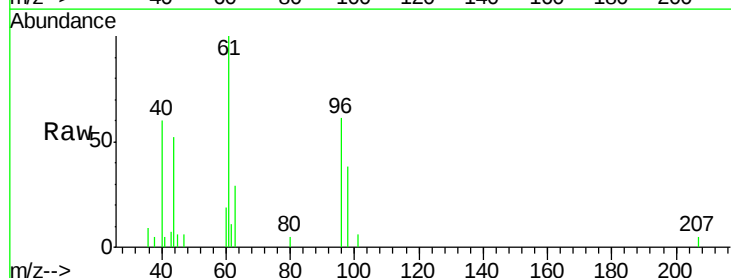
Tgt Ion: 96 Resp: 5219

Ion Ratio Lower Upper

96 100

61 163.8 138.7 208.1

98 62.2 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

3.73

4000

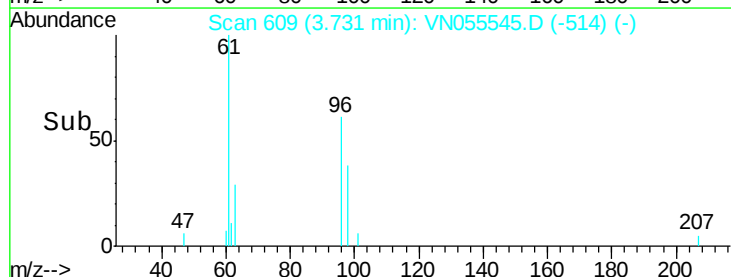
3000

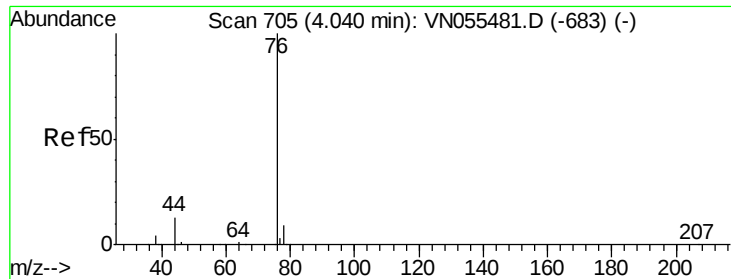
2000

1000

0

Time-->





#17

Carbon Disulfide

Concen: 0.280 ug/l

RT: 4.05 min Scan# 708

Delta R.T. 0.01 min

Lab File: VN055545.D

Acq: 10 May 2019 12:22

Instrument :

MSVOA_N

ClientSampled :

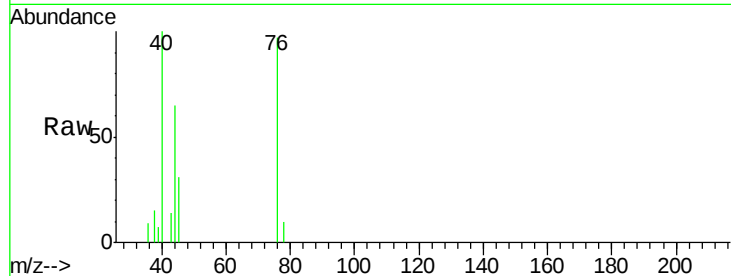
IW-17

Tot Ion: 76 Resp: 7620

Ion Ratio Lower Upper

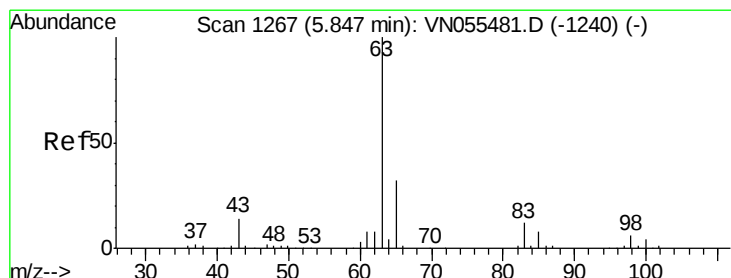
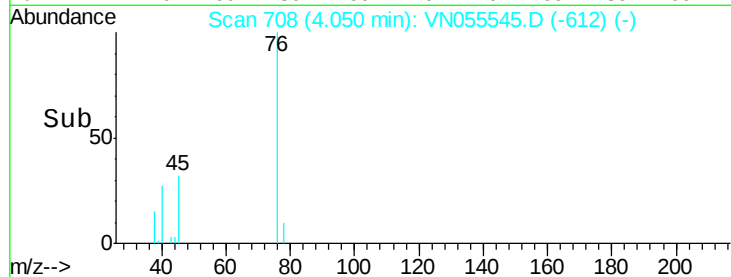
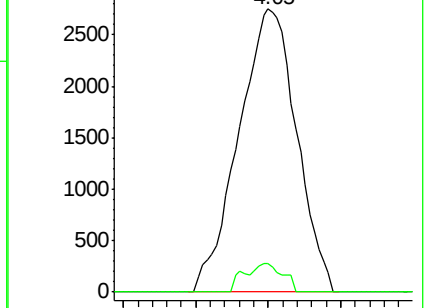
76 100

78 10.0 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#24

1,1-Dichloroethane

Concen: 3.956 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VN055545.D

Acq: 10 May 2019 12:22

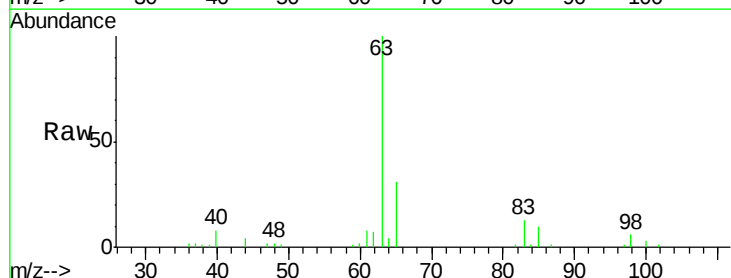
Tgt Ion: 63 Resp: 88617

Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.0

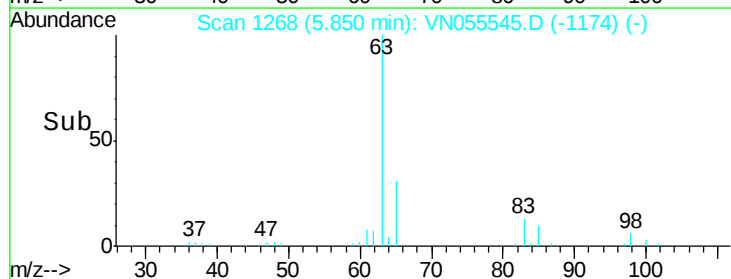
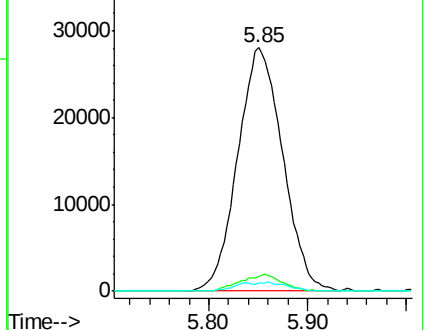
100 3.2 1.9 5.7

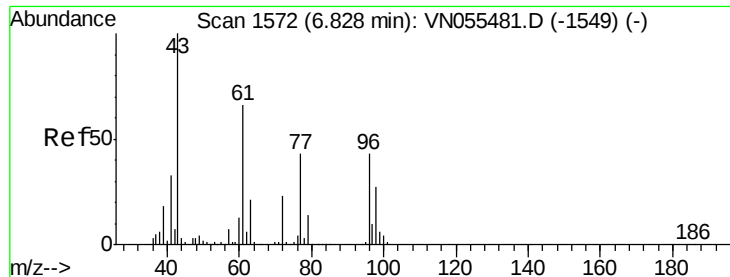


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 1.113 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.01 min

Lab File: VN055545.D

Acq: 10 May 2019 12:22

Instrument :

MSVOA_N

ClientSampled :

IW-17

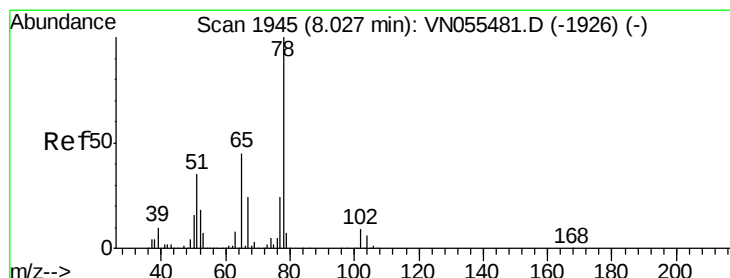
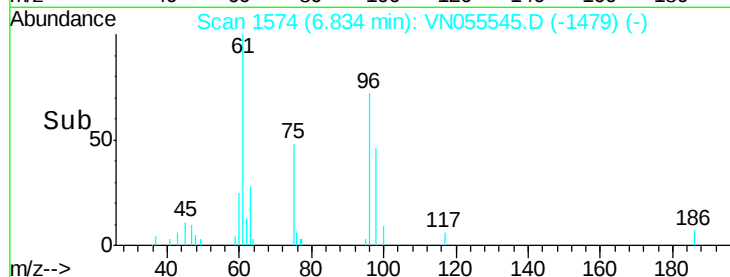
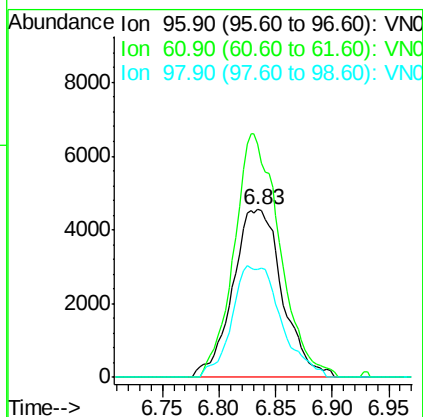
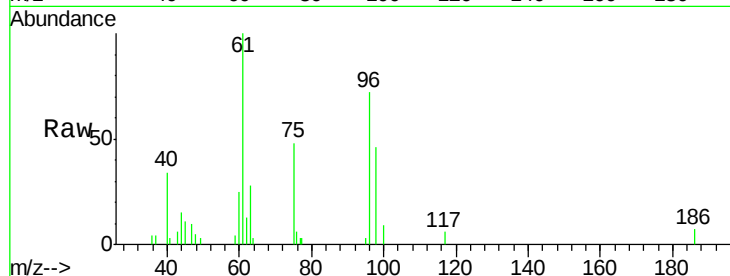
Tot Ion: 96 Resp: 13906

Ion Ratio Lower Upper

96 100

61 133.7 0.0 310.8

98 31.3 0.0 129.4



#33

1,2-Dichloroethane-d4

Concen: 44.509 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN055545.D

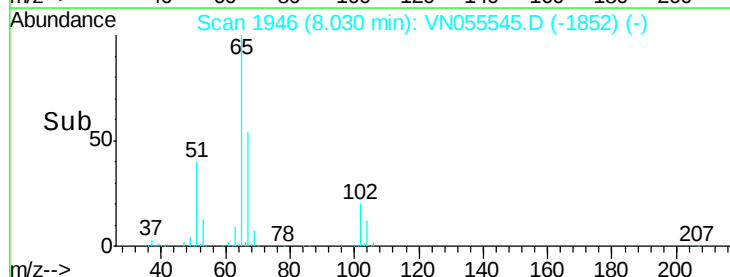
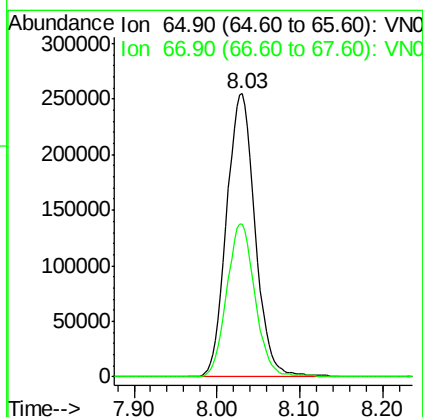
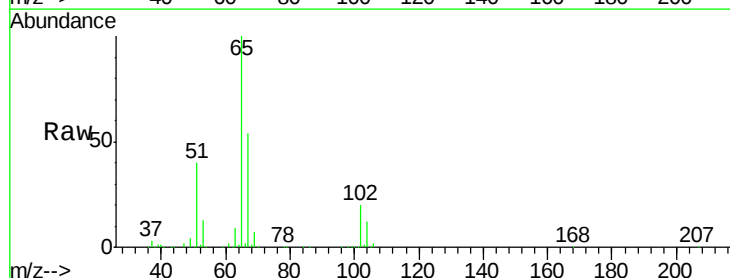
Acq: 10 May 2019 12:22

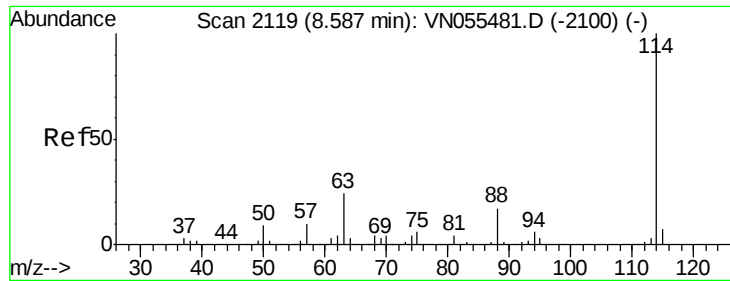
Tgt Ion: 65 Resp: 611233

Ion Ratio Lower Upper

65 100

67 53.2 0.0 109.6

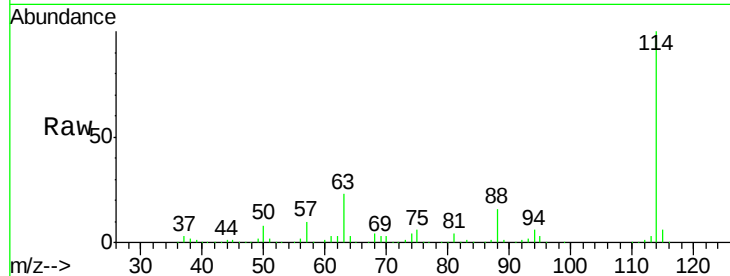




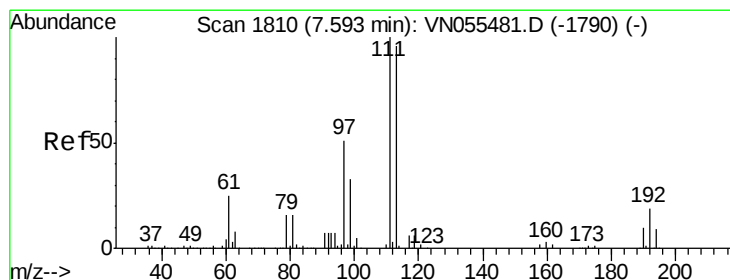
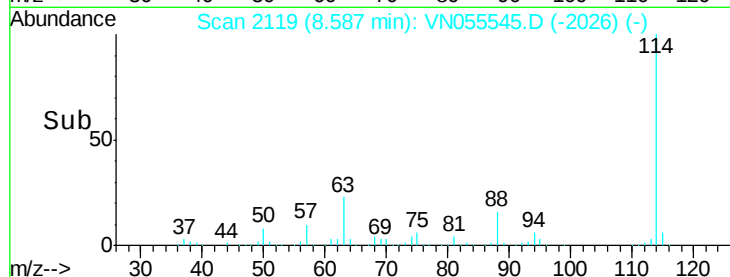
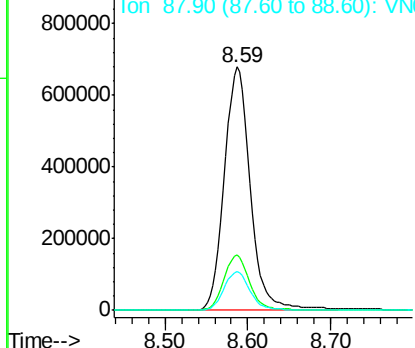
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN055545.D
Acq: 10 May 2019 12:22

Instrument :
MSVOA_N
ClientSampleId :
IW-17

Tot Ion:114 Resp: 1487440
Ion Ratio Lower Upper
114 100
63 22.9 0.0 47.4
88 16.0 0.0 34.0

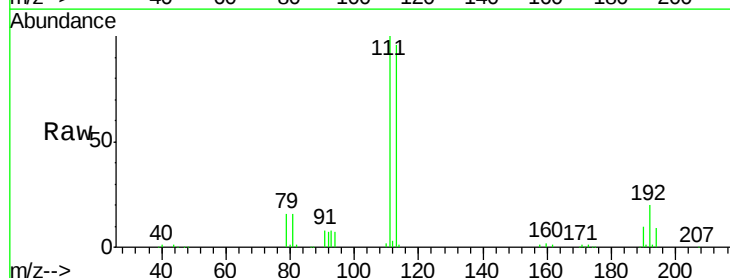


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

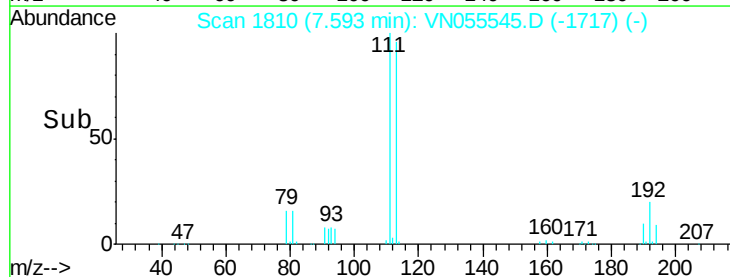
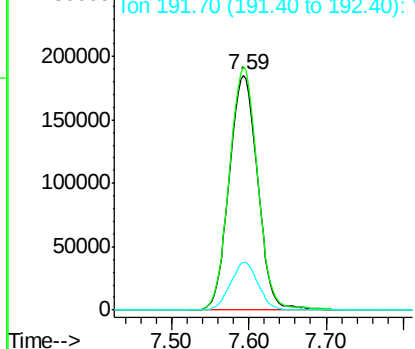


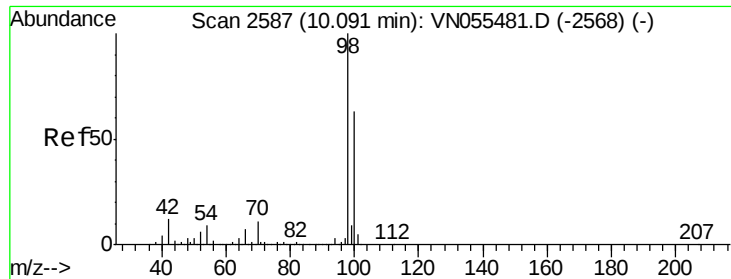
#35
Dibromofluoromethane
Concen: 49.142 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN055545.D
Acq: 10 May 2019 12:22

Tgt Ion:113 Resp: 471529
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 19.8 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: 47.897 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055545.D

Acq: 10 May 2019 12:22

Instrument :

MSVOA_N

ClientSampled :

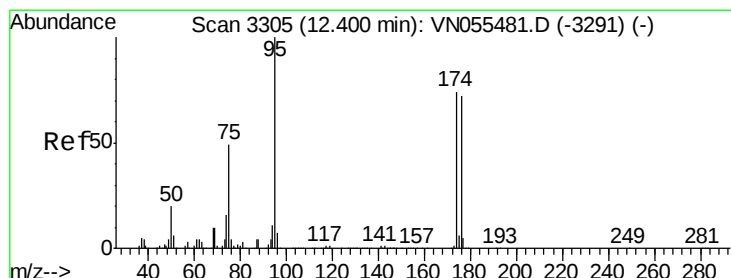
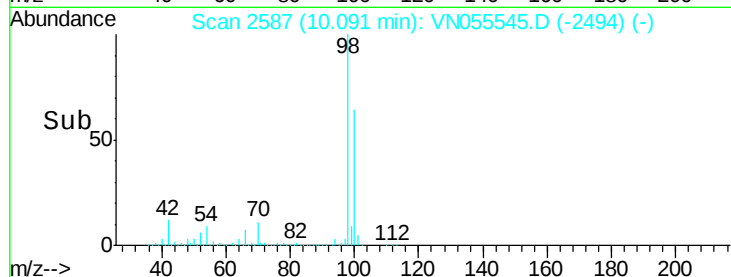
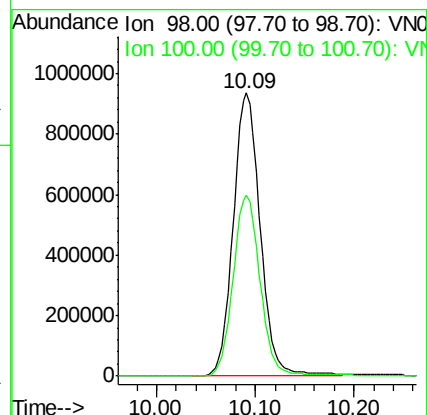
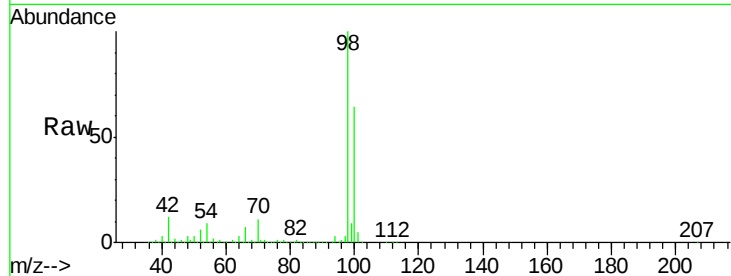
IW-17

Tot Ion: 98 Resp: 1790954

Ion Ratio Lower Upper

98 100

100 64.4 50.4 75.6



#62

4-Bromofluorobenzene

Concen: 41.391 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055545.D

Acq: 10 May 2019 12:22

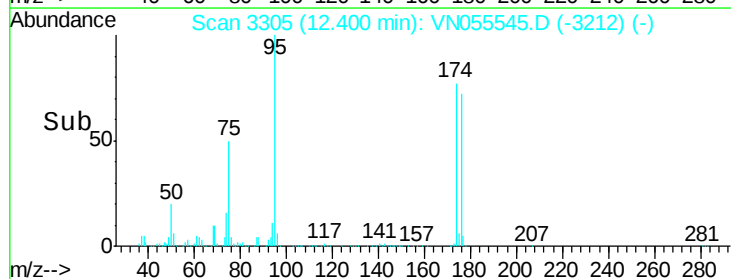
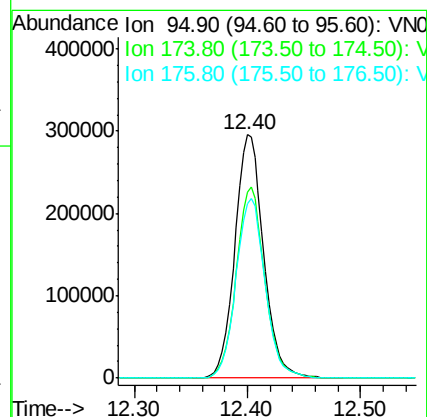
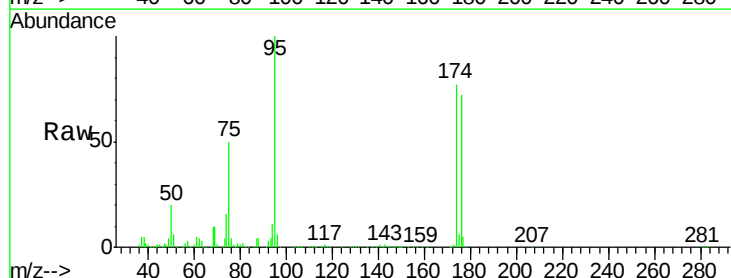
Tgt Ion: 95 Resp: 521855

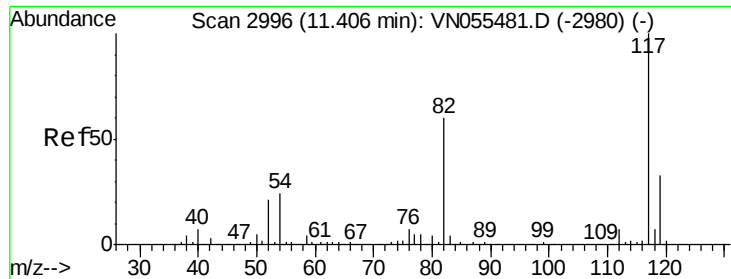
Ion Ratio Lower Upper

95 100

174 78.1 0.0 152.2

176 74.9 0.0 147.8

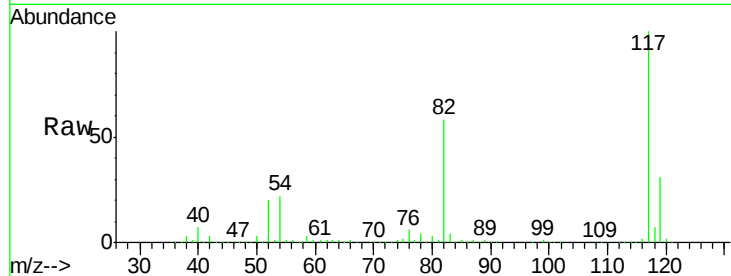




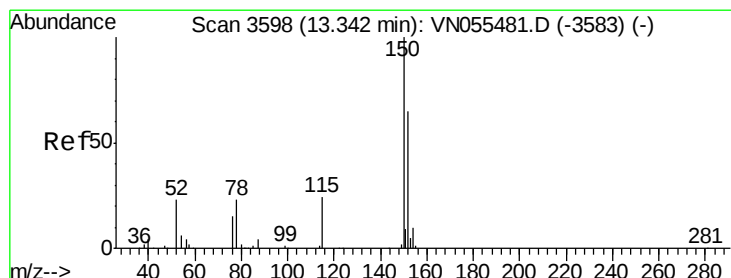
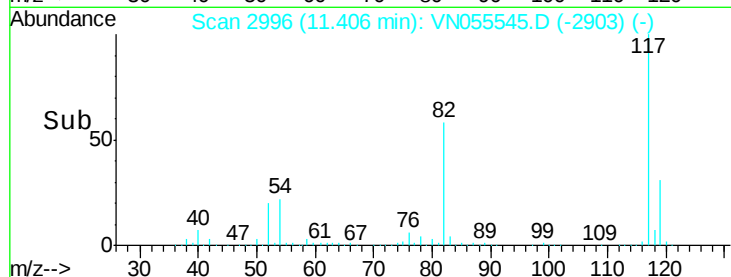
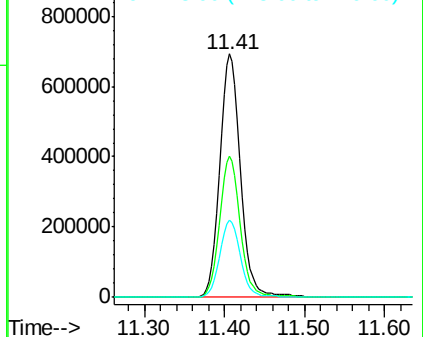
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055545.D
Acq: 10 May 2019 12:22

Instrument :
MSVOA_N
ClientSampled :
IW-17

Tot Ion:117 Resp: 1243306
Ion Ratio Lower Upper
117 100
82 57.9 48.0 72.0
119 31.5 26.0 39.0

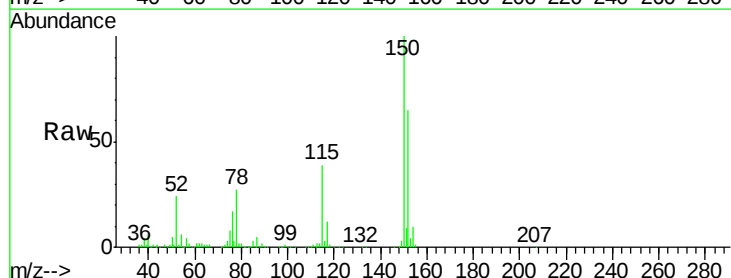


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

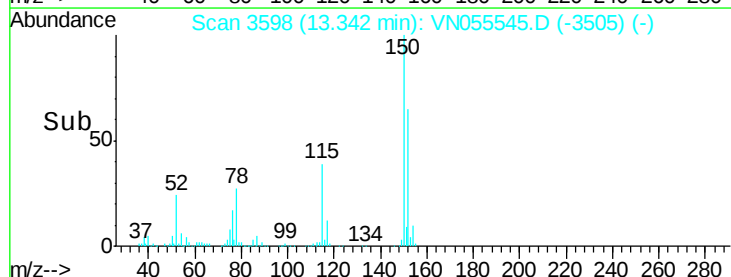
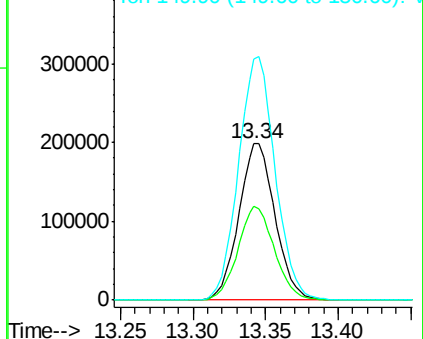


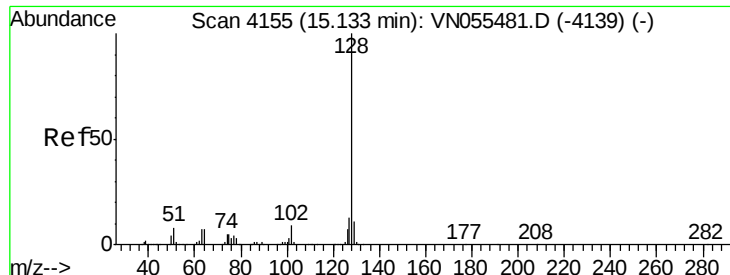
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055545.D
Acq: 10 May 2019 12:22

Tgt Ion:152 Resp: 343842
Ion Ratio Lower Upper
152 100
115 59.7 30.1 90.5
150 157.6 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





#95

Naphthalene

Concen: 3.825 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN055545.D

Acq: 10 May 2019 12:22

Instrument :

MSVOA_N

ClientSampleId :

IW-17

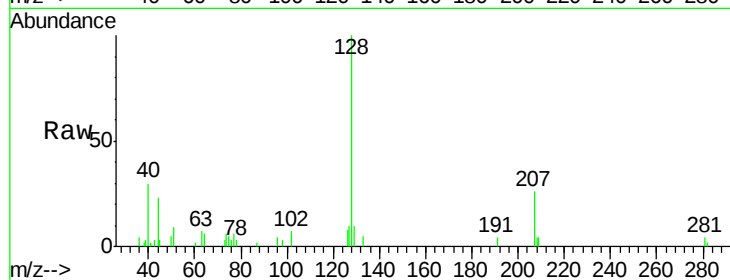
Tot Ion:128 Resp: 13522

Ion Ratio Lower Upper

128 100

127 6.7 10.0 15.0#

129 10.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

