

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051019\
 Data File : VN055552.D
 Acq On : 10 May 2019 15:17
 Operator : JC/SP
 Sample : K2758-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IW-22

Quant Time: May 11 13:43:32 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

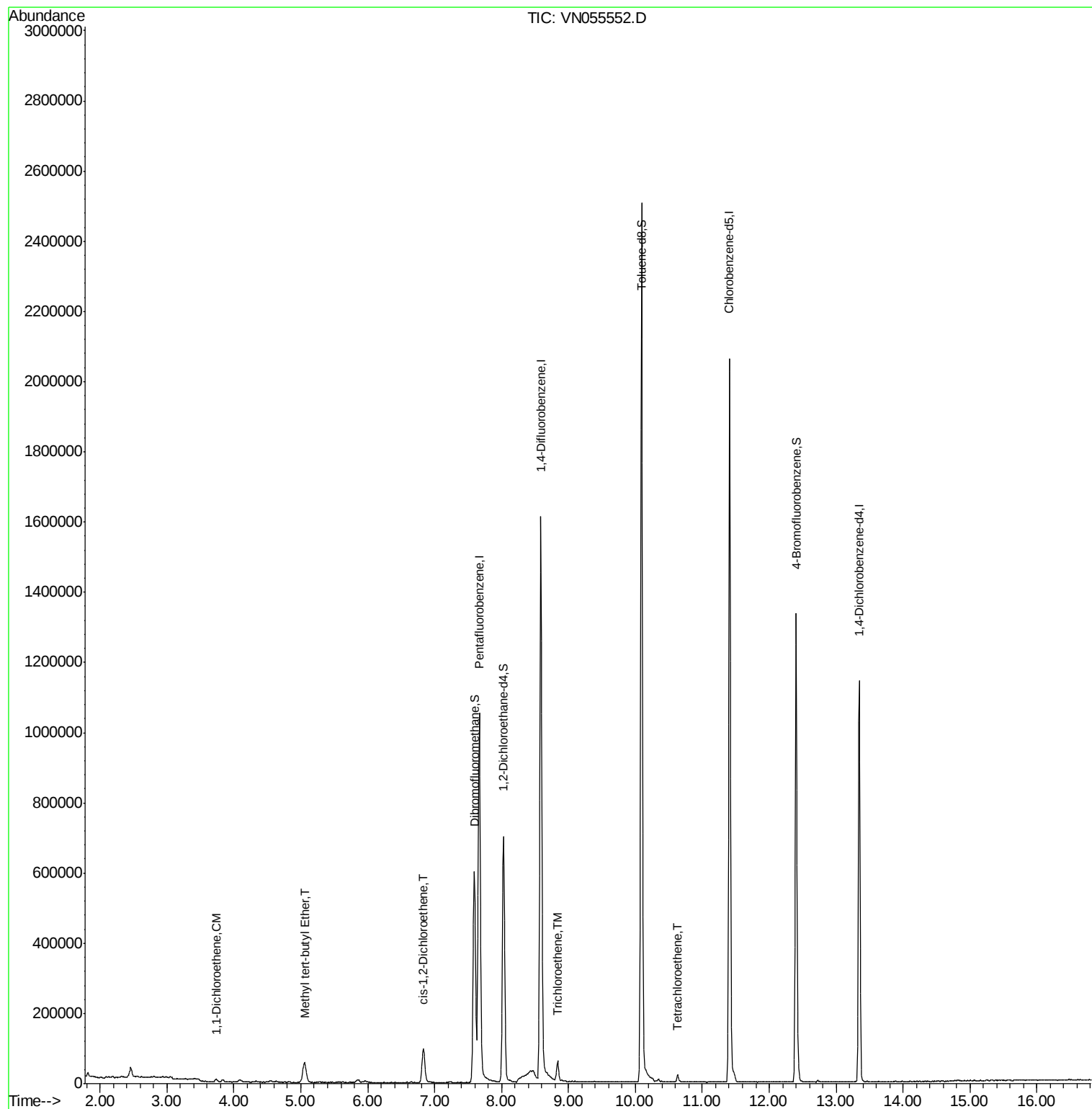
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	887751	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1486466	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1215964	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	316488	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	602666	45.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.18%	
35) Dibromofluoromethane	7.59	113	472295	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
50) Toluene-d8	10.09	98	1779793	47.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.26%	
62) 4-Bromofluorobenzene	12.40	95	507195	40.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.50%	
Target Compounds						
12) 1,1-Dichloroethene	3.73	96	3917	0.404	ug/l	93
19) Methyl tert-butyl Ether	5.05	73	88120	2.733	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	65053	5.351	ug/l	89
44) Trichloroethene	8.83	130	20373	1.884	ug/l	97
64) Tetrachloroethene	10.63	164	4758	0.478	ug/l	96

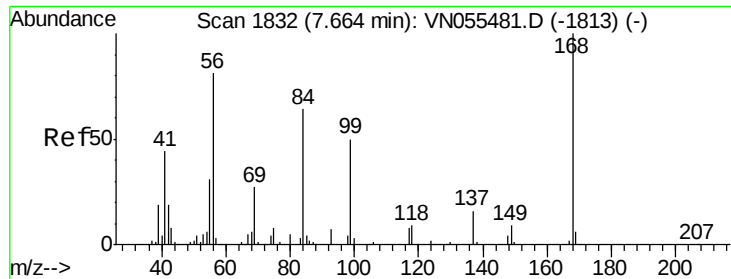
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051019\
Data File : VN055552.D
Acq On : 10 May 2019 15:17
Operator : JC/SP
Sample : K2758-16
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IW-22

Quant Time: May 11 13:43:32 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: VN055552.D

Acq: 10 May 2019 15:17

Instrument :

MSVOA_N

ClientSampled :

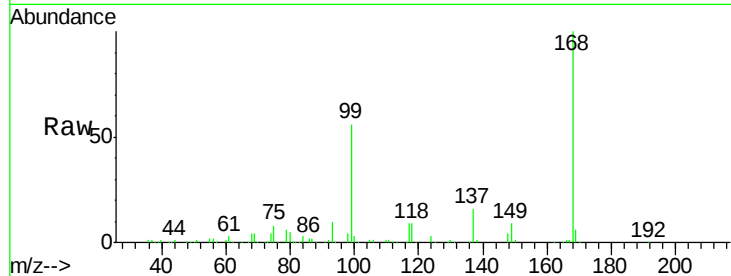
IW-22

Tot Ion:168 Resp: 887751

Ion Ratio Lower Upper

168 100

99 56.1 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

7.67

400000

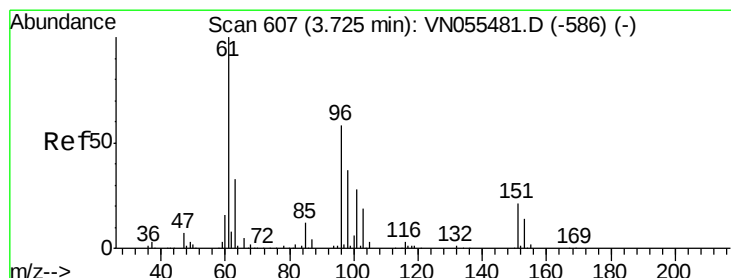
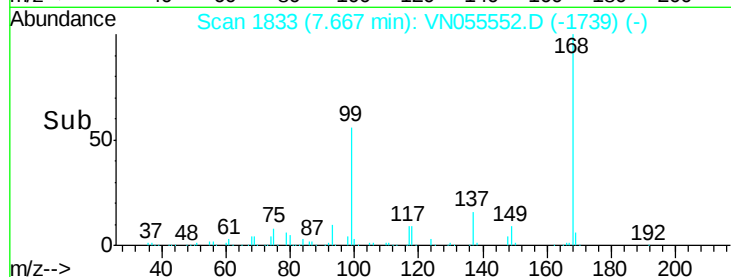
300000

200000

100000

0

Time-->



#12

1,1-Dichloroethene

Concen: 0.404 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.01 min

Lab File: VN055552.D

Acq: 10 May 2019 15:17

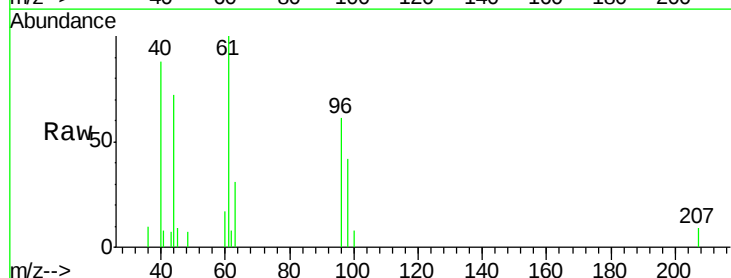
Tgt Ion: 96 Resp: 3917

Ion Ratio Lower Upper

96 100

61 163.1 138.7 208.1

98 68.3 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

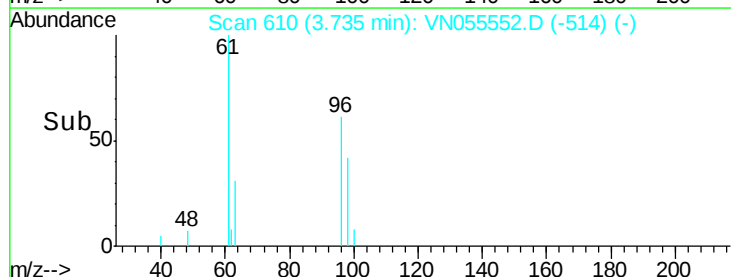
3000

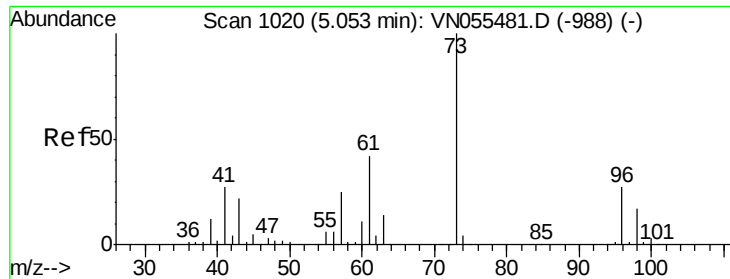
2000

1000

0

Time-->

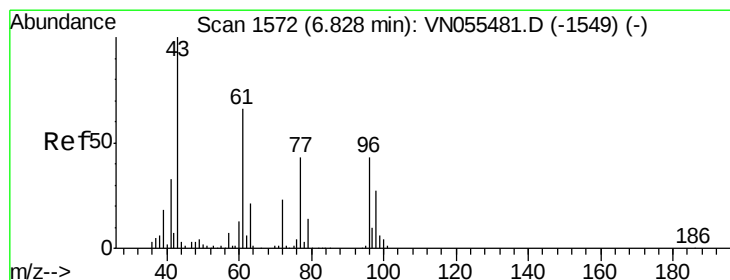
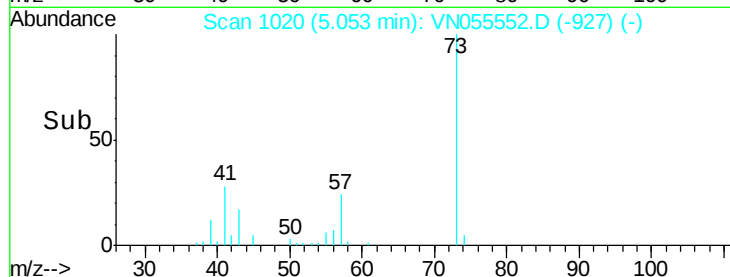
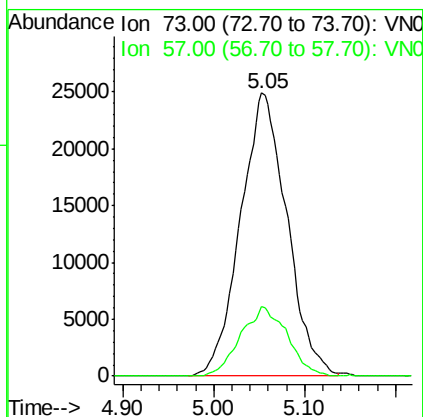
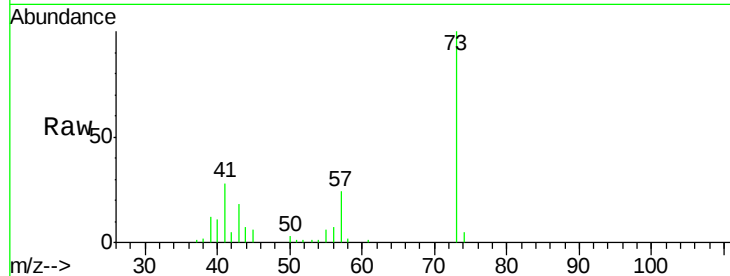




#19
Methvl tert-butvl Ether
Concen: 2.733 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VN055552.D
Acq: 10 May 2019 15:17

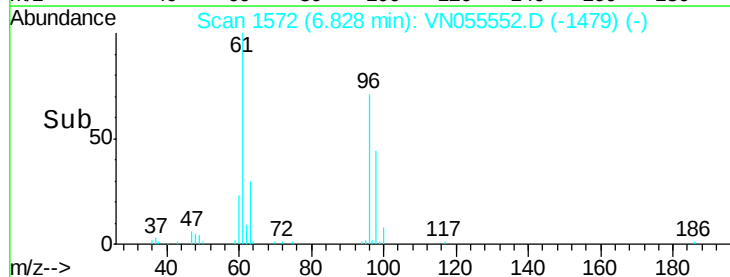
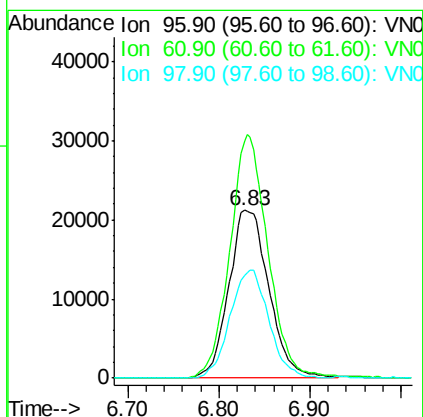
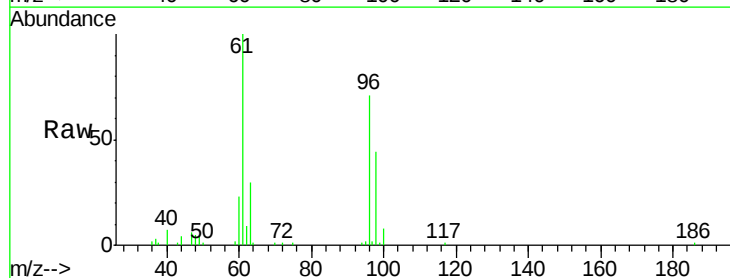
Instrument :
MSVOA_N
ClientSampled :
IW-22

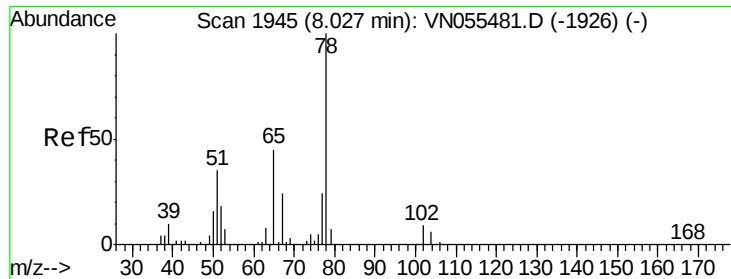
Tot Ion: 73 Resp: 88120
Ion Ratio Lower Upper
73 100
57 24.5 20.0 30.0



#27
cis-1,2-Dichloroethene
Concen: 5.351 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. -0.00 min
Lab File: VN055552.D
Acq: 10 May 2019 15:17

Tgt Ion: 96 Resp: 65053
Ion Ratio Lower Upper
96 100
61 137.1 0.0 310.8
98 61.8 0.0 129.4

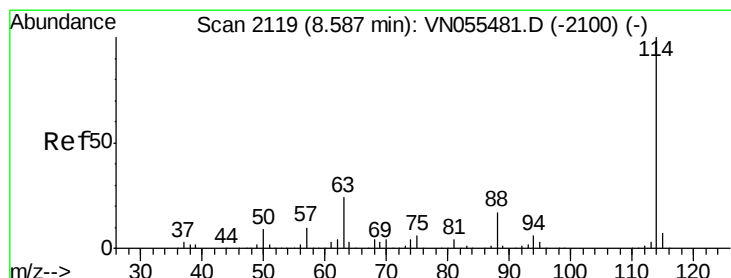
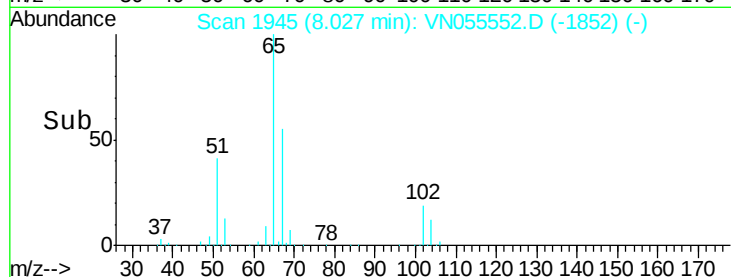
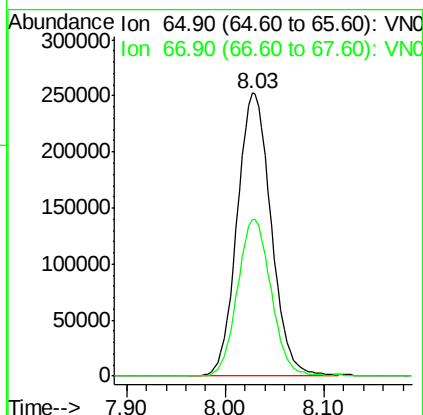
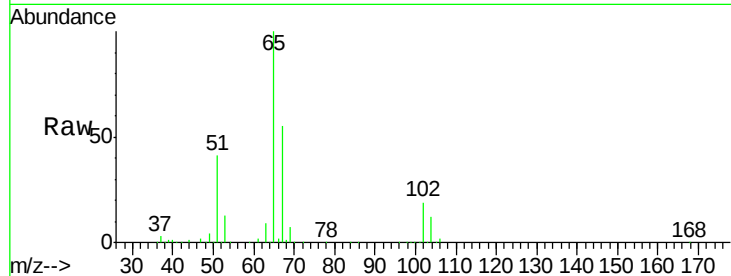




#33
 1,2-Dichloroethane-d4
 Concen: 45.088 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055552.D
 Acq: 10 May 2019 15:17

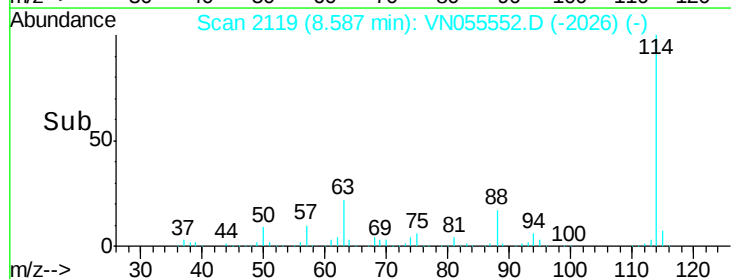
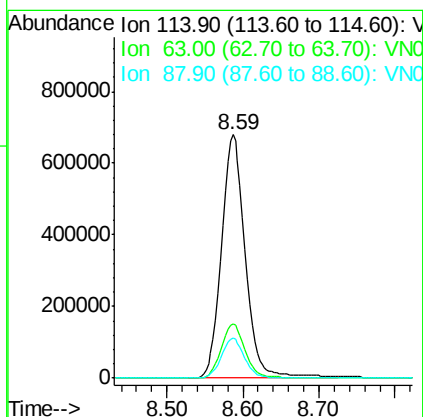
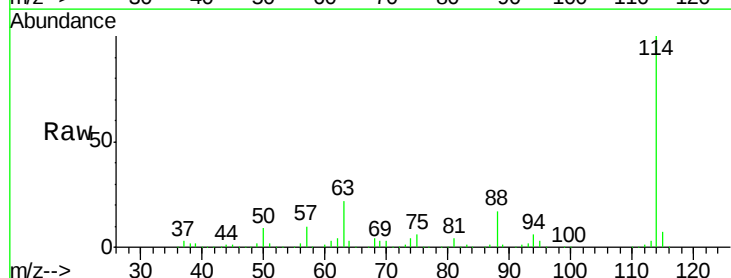
Instrument :
 MSVOA_N
 ClientSampled :
 IW-22

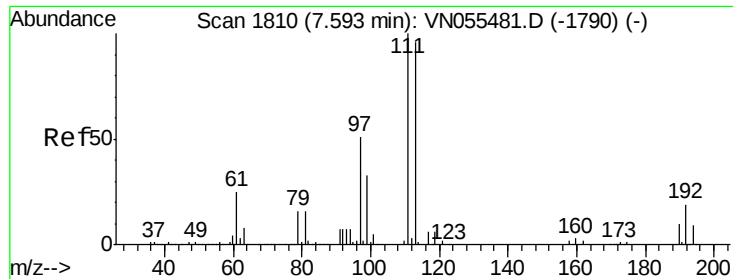
Tot Ion: 65 Resp: 602666
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055552.D
 Acq: 10 May 2019 15:17

Tgt Ion: 114 Resp: 1486466
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 47.4
 88 16.7 0.0 34.0

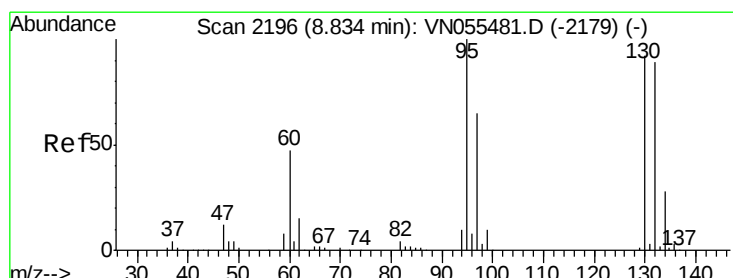
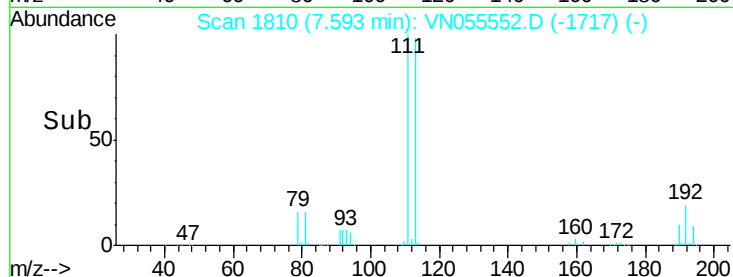
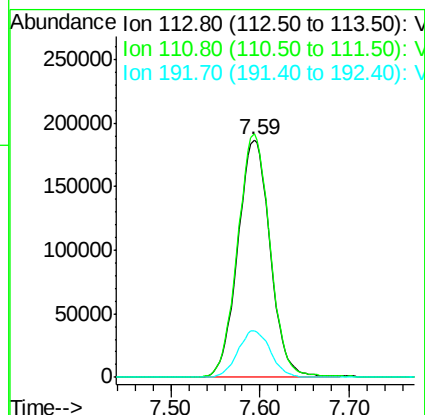
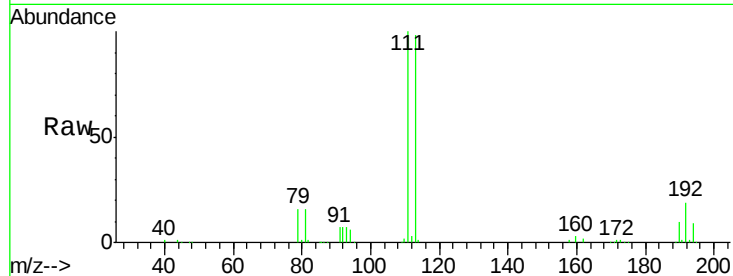




#35
Dibromofluoromethane
Concen: 49.254 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN055552.D
Acq: 10 May 2019 15:17

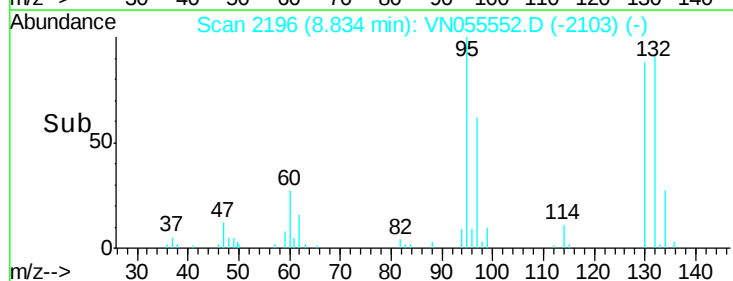
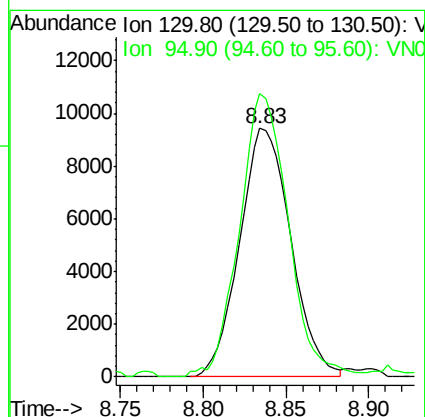
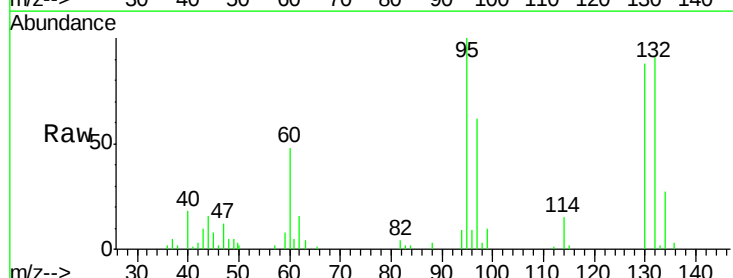
Instrument :
MSVOA_N
ClientSampleId :
IW-22

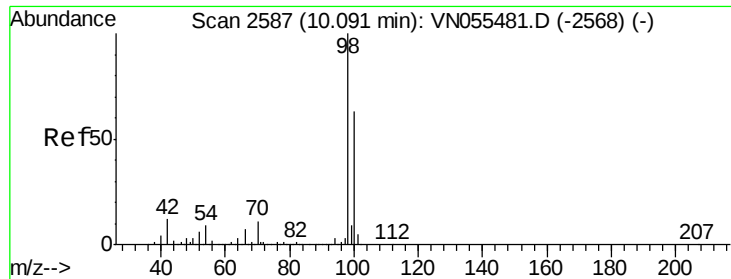
Tot Ion:113 Resp: 472295
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 19.7 15.6 23.4



#44
Trichloroethene
Concen: 1.884 ug/l
RT: 8.83 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN055552.D
Acq: 10 May 2019 15:17

Tgt Ion:130 Resp: 20373
Ion Ratio Lower Upper
130 100
95 111.8 0.0 216.8





#50

Toluene-d8

Concen: 47.630 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055552.D

Acq: 10 May 2019 15:17

Instrument :

MSVOA_N

ClientSampled :

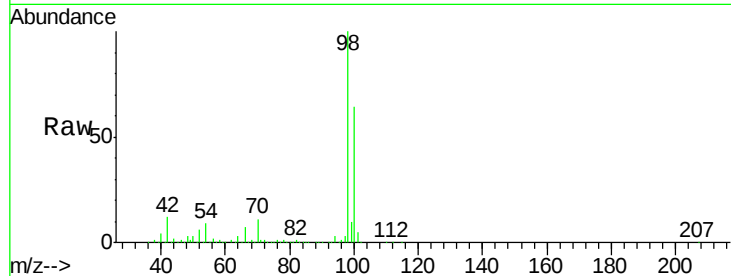
IW-22

Tot Ion: 98 Resp: 1779793

Ion Ratio Lower Upper

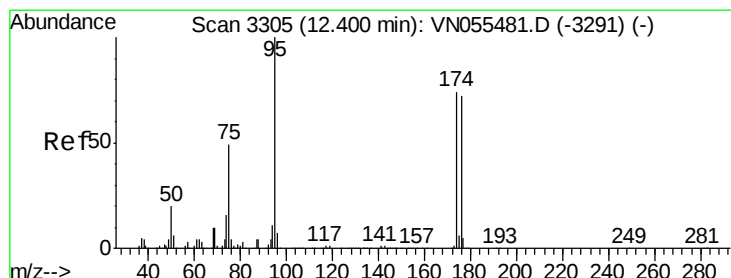
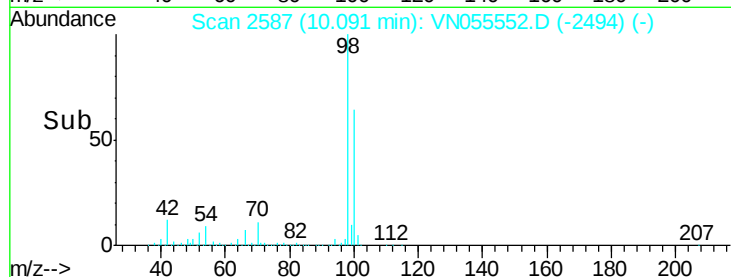
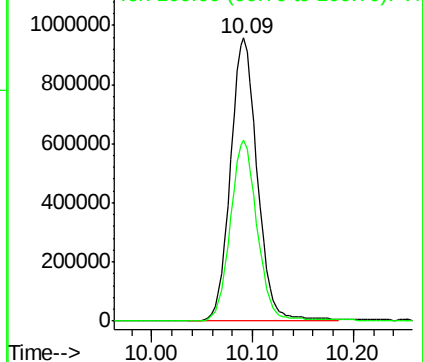
98 100

100 64.4 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: 40.255 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055552.D

Acq: 10 May 2019 15:17

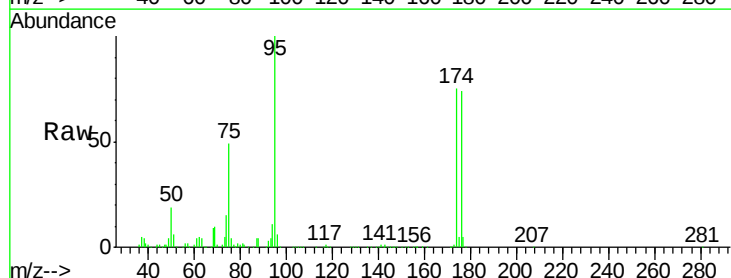
Tgt Ion: 95 Resp: 507195

Ion Ratio Lower Upper

95 100

174 77.5 0.0 152.2

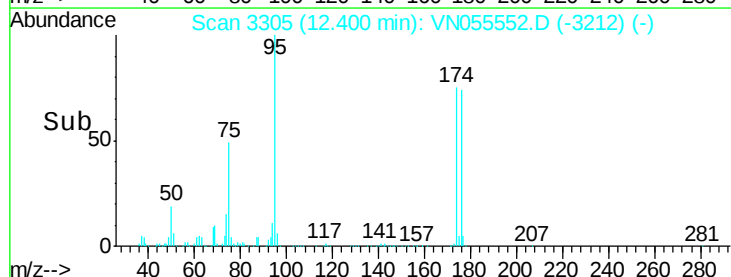
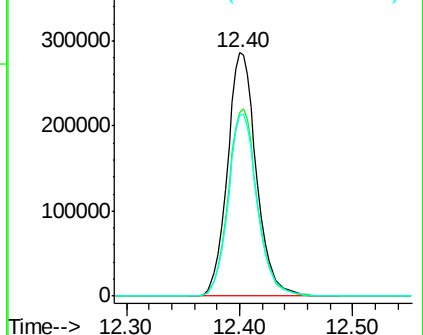
176 74.7 0.0 147.8

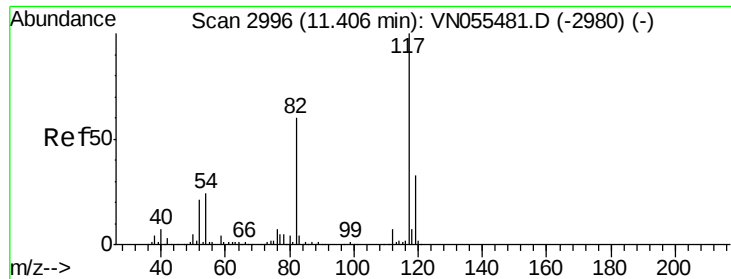


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN

Ion 175.80 (175.50 to 176.50): VN

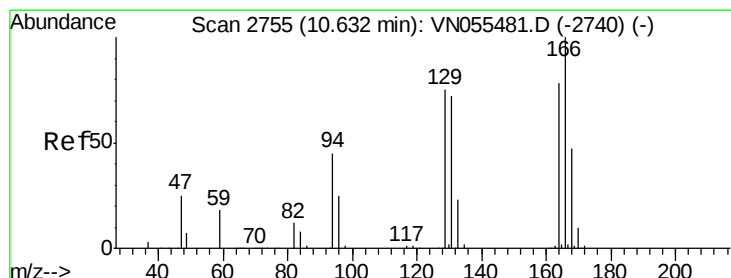
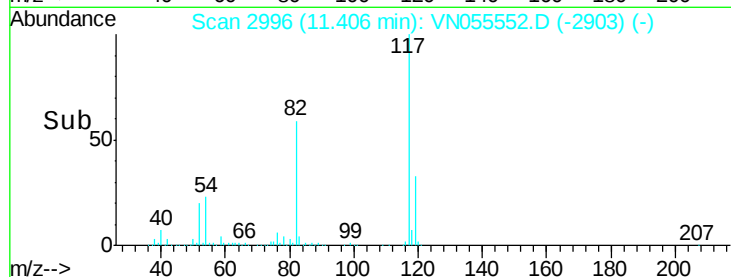
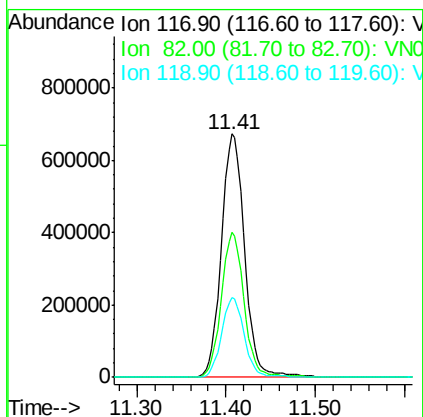
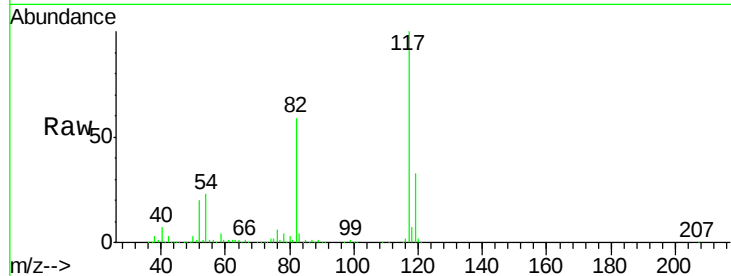




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055552.D
Acq: 10 May 2019 15:17

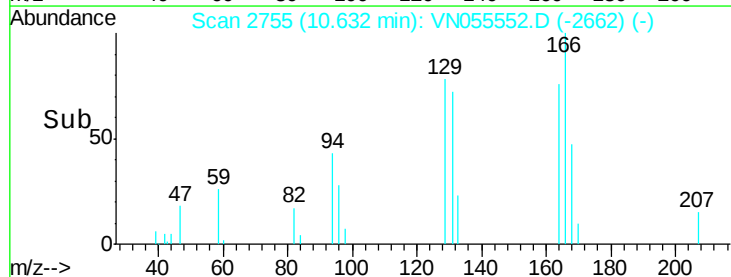
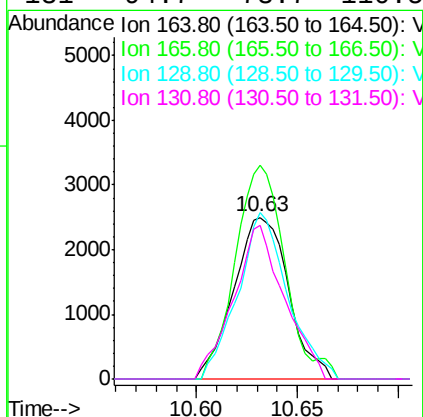
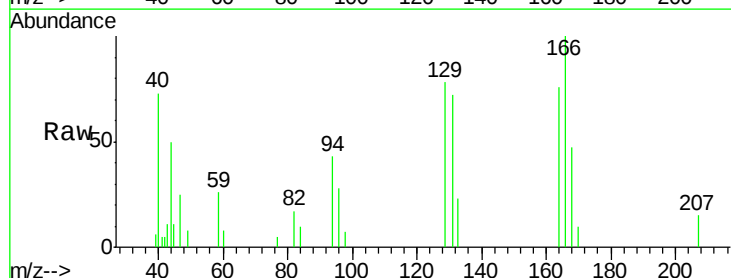
Instrument :
MSVOA_N
ClientSampled :
IW-22

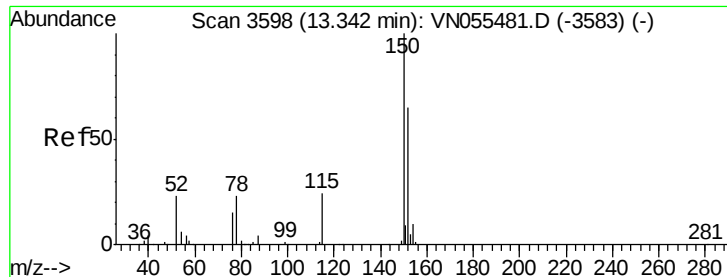
Tot Ion:117 Resp: 1215964
Ion Ratio Lower Upper
117 100
82 59.5 48.0 72.0
119 32.5 26.0 39.0



#64
Tetrachloroethene
Concen: 0.478 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN055552.D
Acq: 10 May 2019 15:17

Tgt Ion:164 Resp: 4758
Ion Ratio Lower Upper
164 100
166 132.1 102.6 153.8
129 103.2 77.0 115.6
131 94.7 73.7 110.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055552.D

Acq: 10 May 2019 15:17

Instrument :

MSVOA_N

ClientSampleId :

IW-22

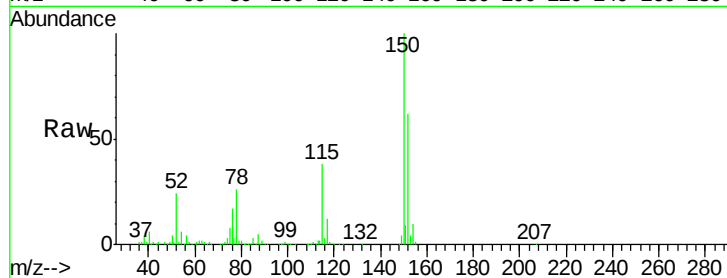
Tot Ion:152 Resp: 316488

Ion Ratio Lower Upper

152 100

115 60.6 30.1 90.5

150 158.1 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

