

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051019\
 Data File : VN055553.D
 Acq On : 10 May 2019 15:43
 Operator : JC/SP
 Sample : K2758-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IW-23

Quant Time: May 11 01:50:29 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

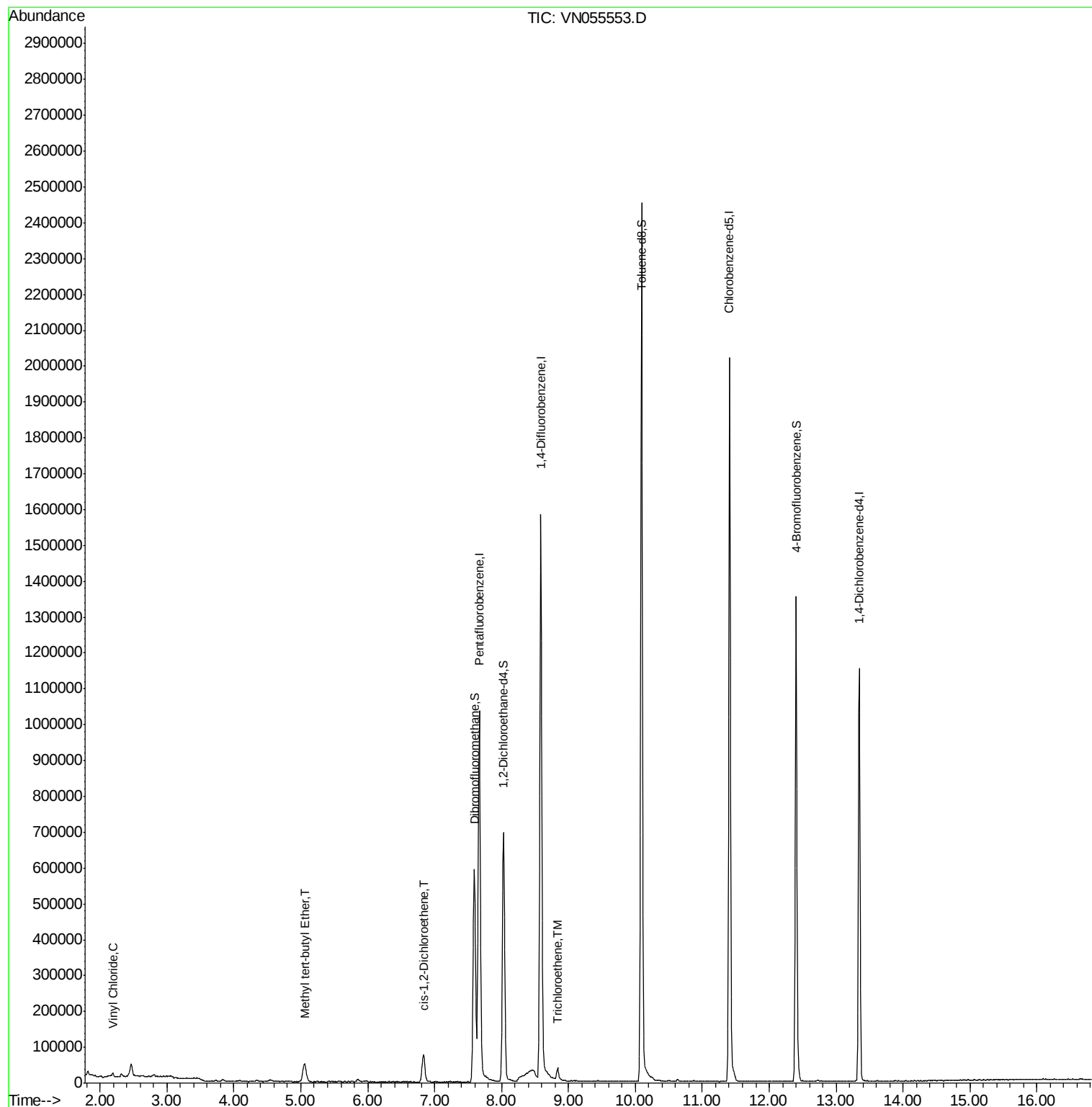
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	877108	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1451603	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1211864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	322864	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	594592	45.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.04%	
35) Dibromofluoromethane	7.59	113	465134	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
50) Toluene-d8	10.09	98	1744218	47.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.60%	
62) 4-Bromofluorobenzene	12.40	95	497231	40.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.82%	
Target Compounds						
4) Vinyl Chloride	2.19	62	8104	0.592	ug/l	97
19) Methyl tert-butyl Ether	5.06	73	80700	2.533	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	50765	4.226	ug/l	89
44) Trichloroethene	8.83	130	12236	1.159	ug/l	74

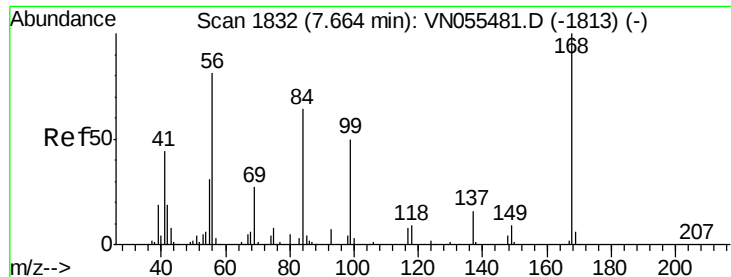
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051019\
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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: VN055553.D

Acq: 10 May 2019 15:43

Instrument :

MSVOA_N

ClientSampled :

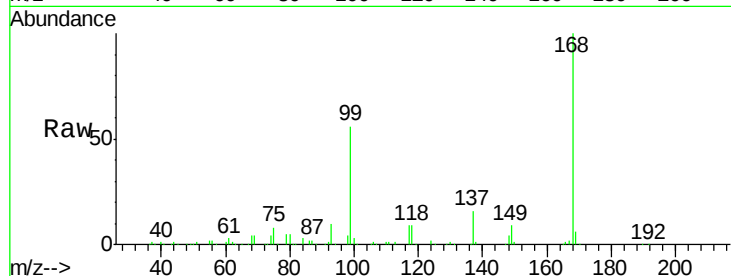
IW-23

Tot Ion:168 Resp: 877108

Ion Ratio Lower Upper

168 100

99 56.3 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

400000

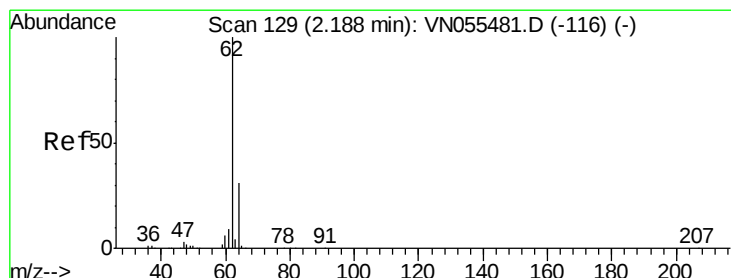
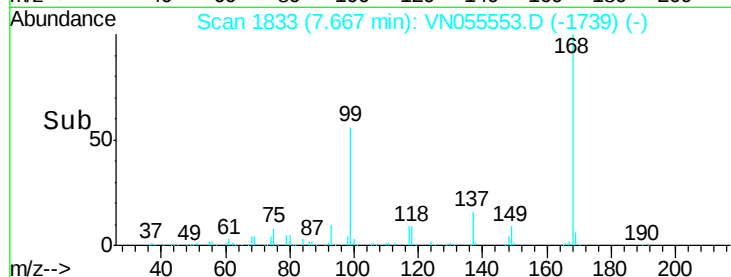
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#4

Vinyl Chloride

Concen: 0.592 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN055553.D

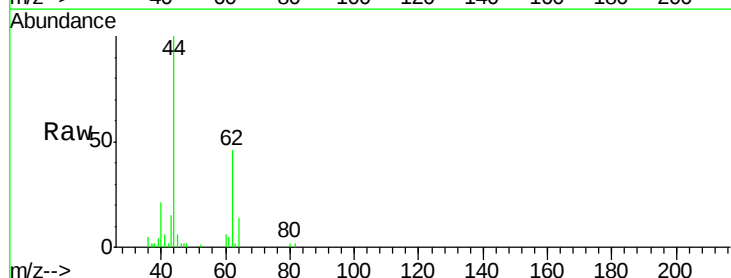
Acq: 10 May 2019 15:43

Tgt Ion: 62 Resp: 8104

Ion Ratio Lower Upper

62 100

64 29.6 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VN

Ion 63.90 (63.60 to 64.60): VN

2.19

6000

5000

4000

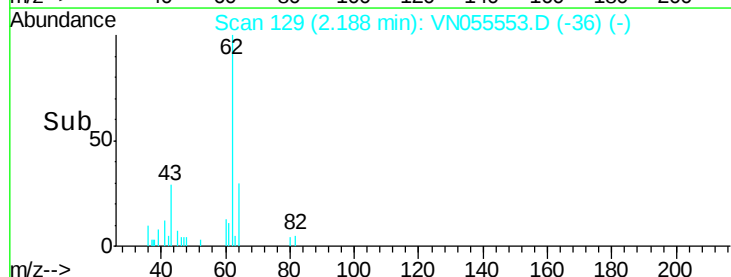
3000

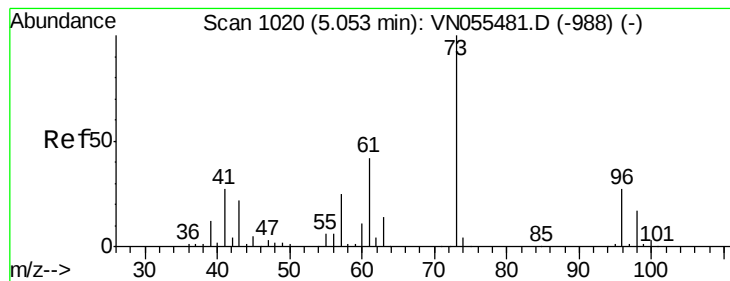
2000

1000

0

Time--> 2.15 2.20 2.25



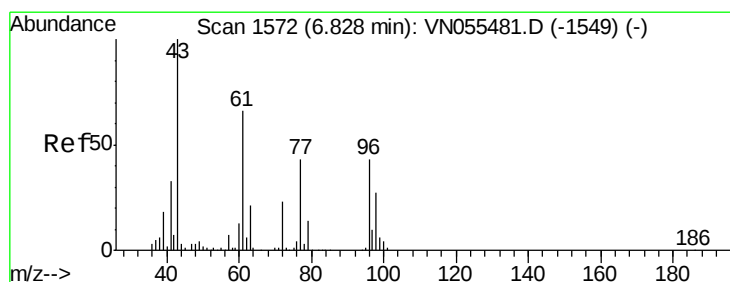
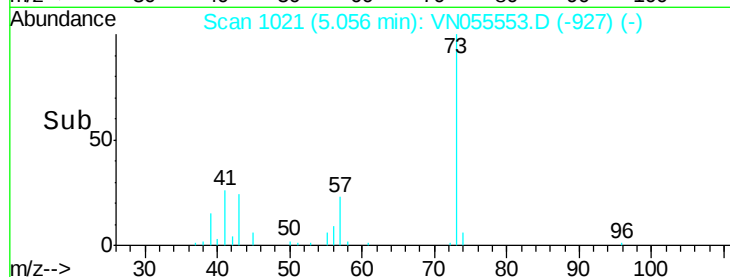
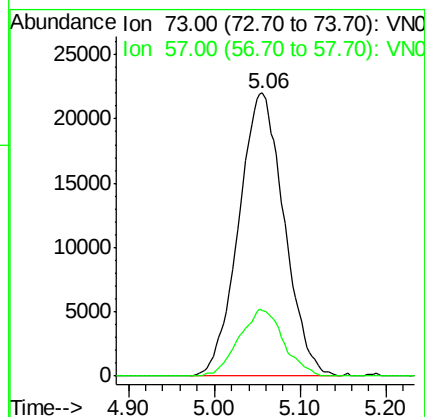
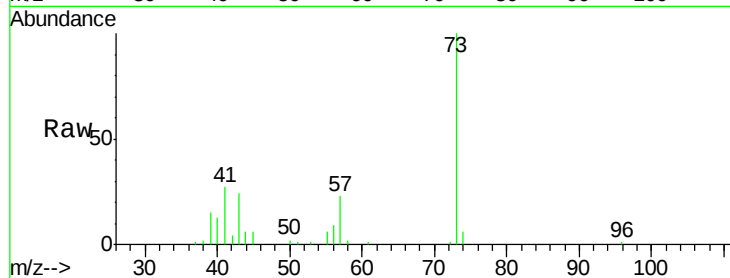


#19

Methvl tert-butvl Ether
 Concen: 2.533 ug/l
 RT: 5.06 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: VN055553.D
 Acq: 10 May 2019 15:43

Instrument :
 MSVOA_N
 ClientSampled :
 IW-23

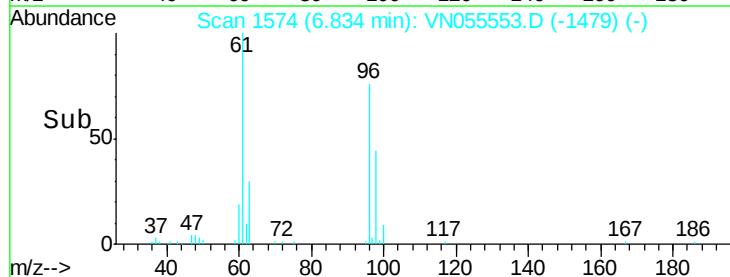
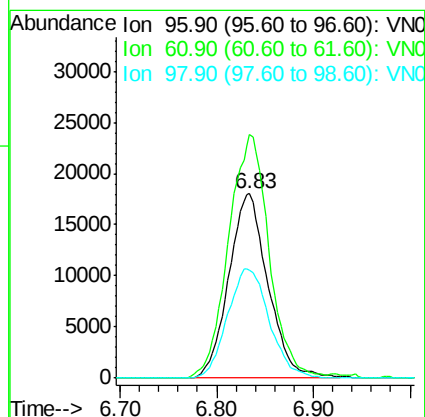
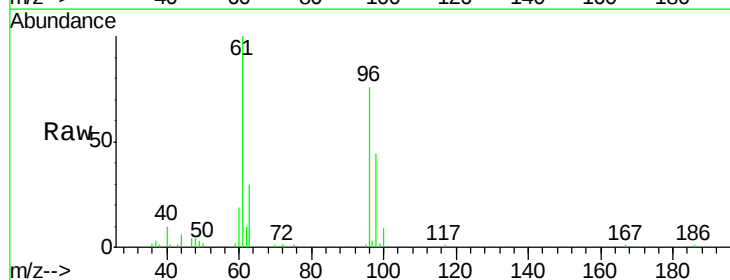
Tot Ion: 73 Resp: 80700
 Ion Ratio Lower Upper
 73 100
 57 23.4 20.0 30.0

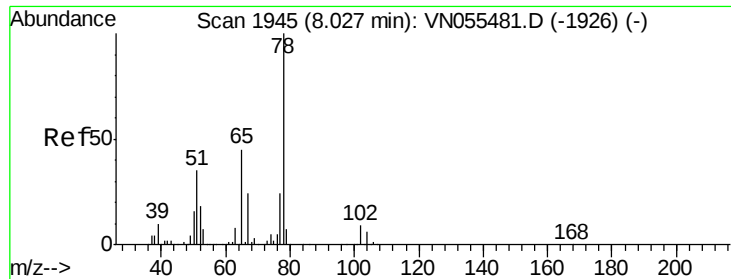


#27

cis-1,2-Dichloroethene
 Concen: 4.226 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: VN055553.D
 Acq: 10 May 2019 15:43

Tgt Ion: 96 Resp: 50765
 Ion Ratio Lower Upper
 96 100
 61 136.4 0.0 310.8
 98 63.1 0.0 129.4





#33

1,2-Dichloroethane-d4

Concen: 45.023 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN055553.D

Acq: 10 May 2019 15:43

Instrument :

MSVOA_N

ClientSampleId :

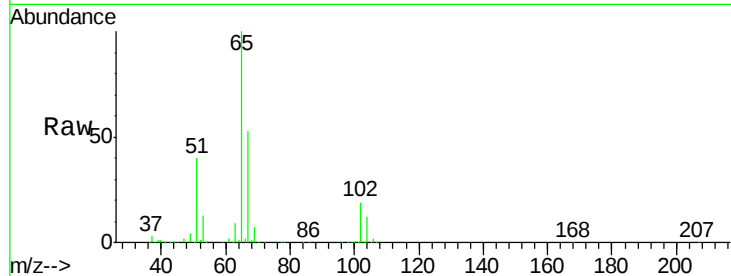
IW-23

Tot Ion: 65 Resp: 594592

Ion Ratio Lower Upper

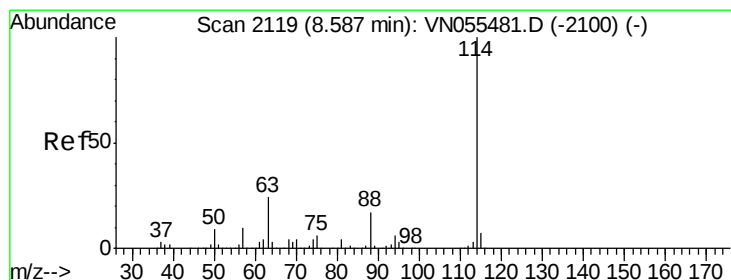
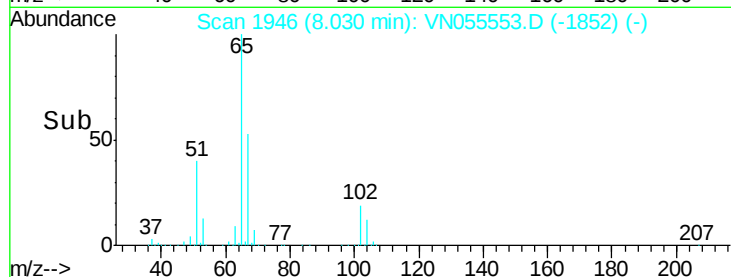
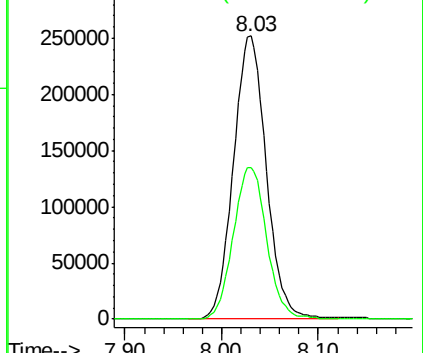
65 100

67 54.3 0.0 109.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN055553.D

Acq: 10 May 2019 15:43

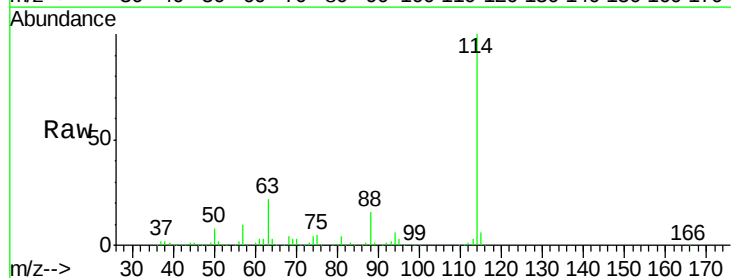
Tgt Ion: 114 Resp: 1451603

Ion Ratio Lower Upper

114 100

63 22.3 0.0 47.4

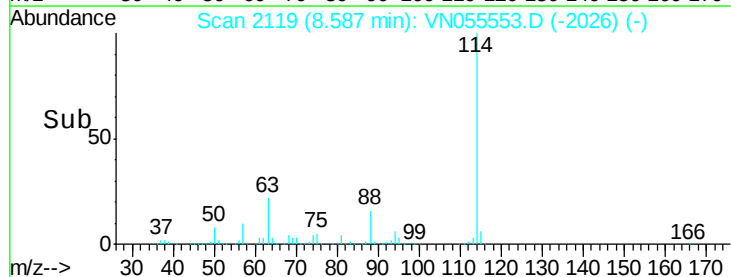
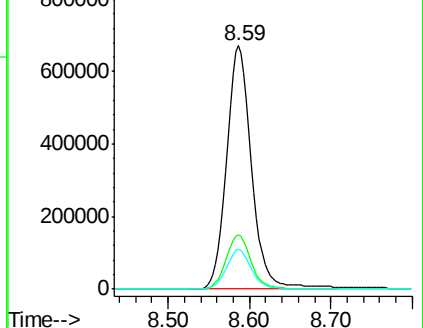
88 16.4 0.0 34.0

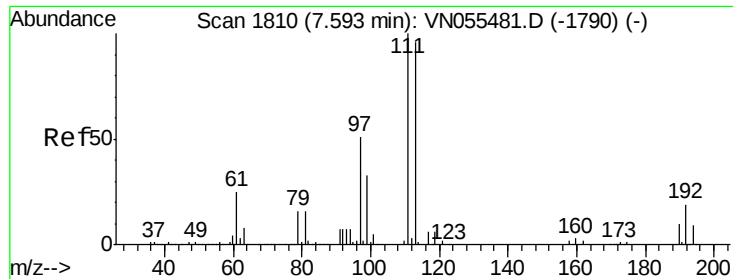


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

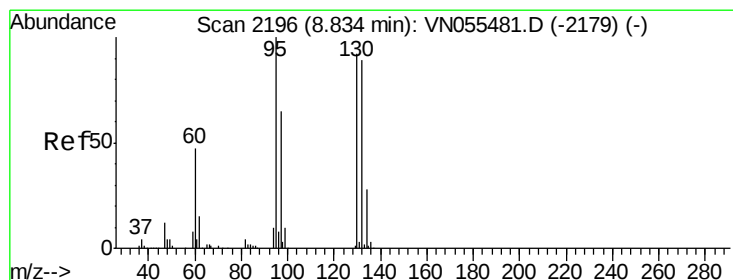
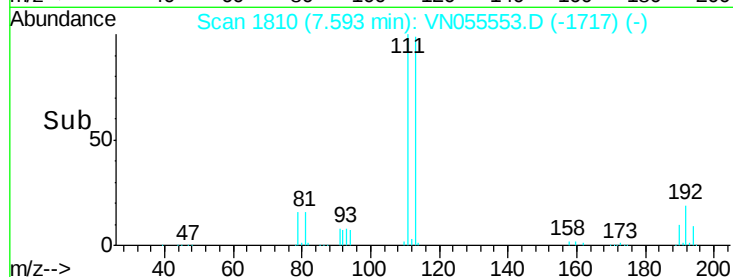
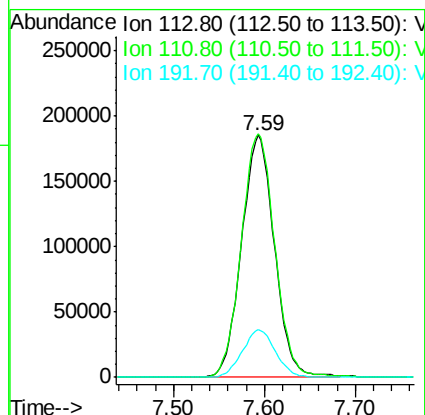
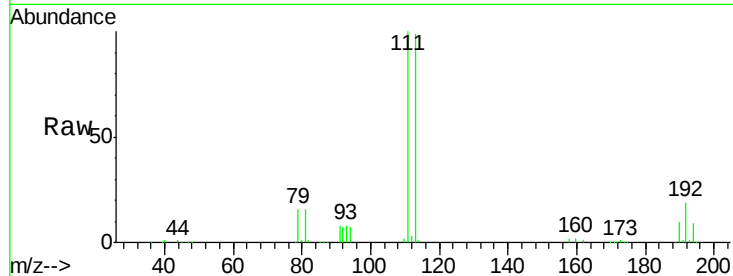




#35
 Dibromofluoromethane
 Concen: 49.673 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN055553.D
 Acq: 10 May 2019 15:43

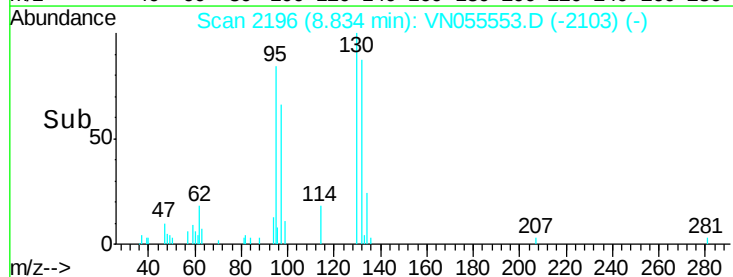
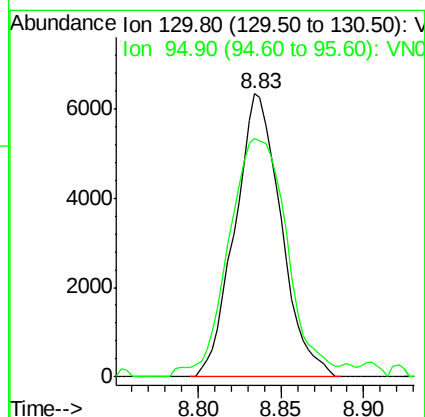
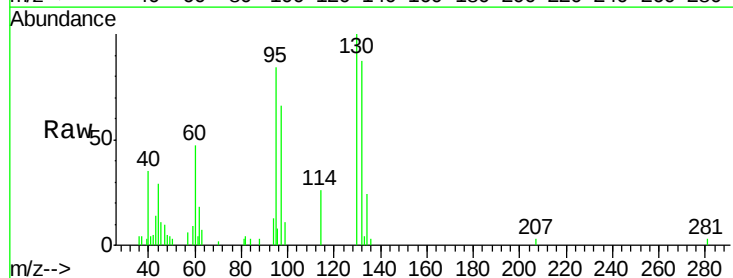
Instrument :
 MSVOA_N
 ClientSampleId :
 IW-23

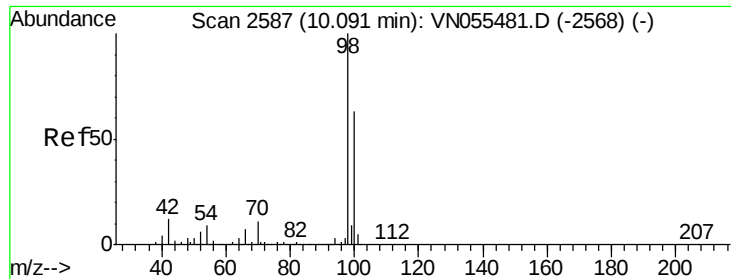
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.9	124.3
192	19.8	15.6	23.4



#44
 Trichloroethene
 Concen: 1.159 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN055553.D
 Acq: 10 May 2019 15:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	81.1	0.0	216.8





#50

Toluene-d8

Concen: 47.799 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055553.D

Acq: 10 May 2019 15:43

Instrument :

MSVOA_N

ClientSampled :

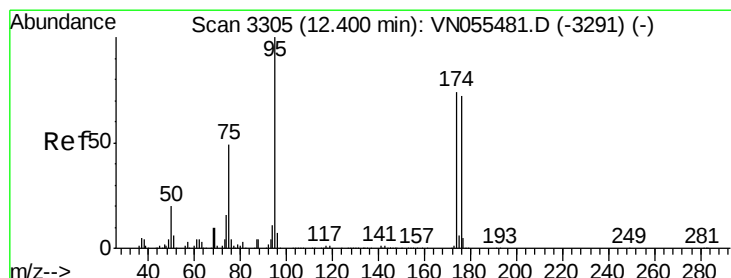
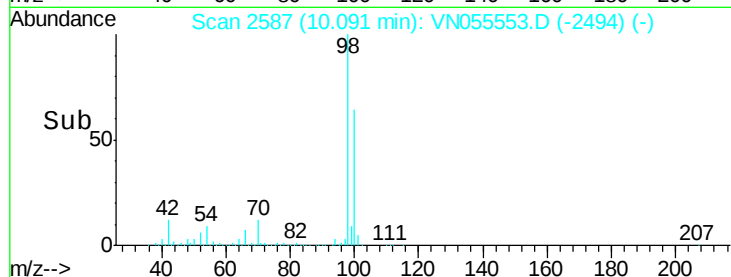
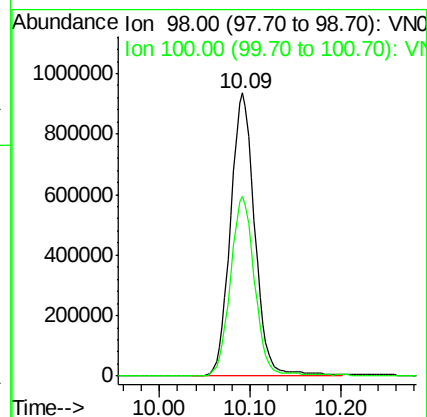
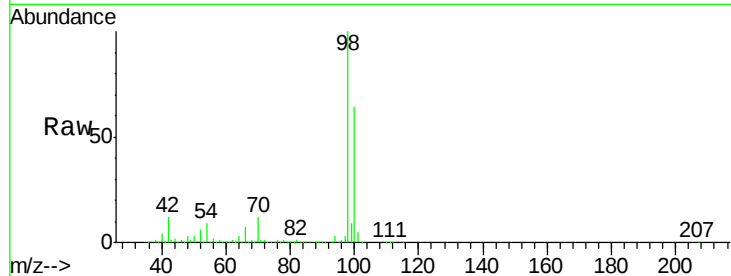
IW-23

Tot Ion: 98 Resp: 1744218

Ion Ratio Lower Upper

98 100

100 63.3 50.4 75.6



#62

4-Bromofluorobenzene

Concen: 40.412 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055553.D

Acq: 10 May 2019 15:43

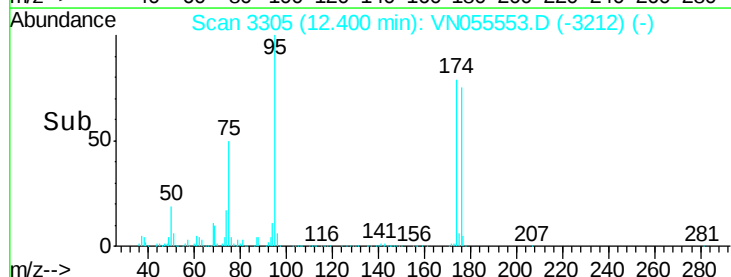
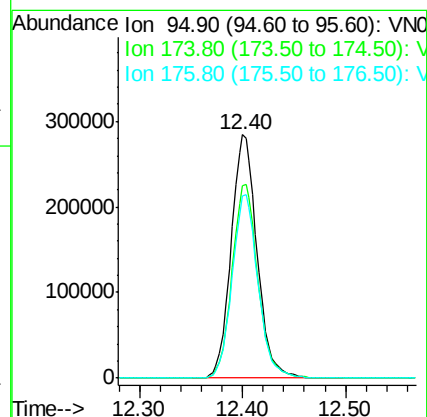
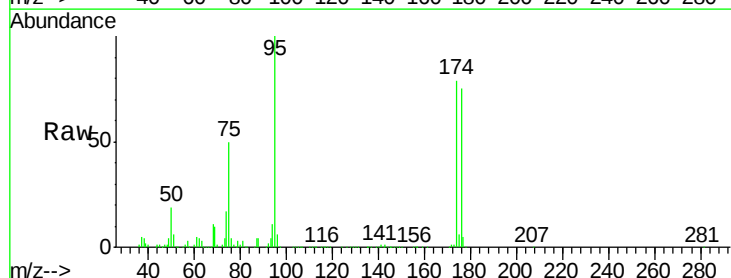
Tgt Ion: 95 Resp: 497231

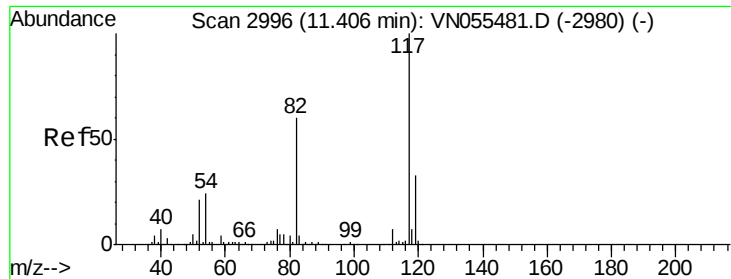
Ion Ratio Lower Upper

95 100

174 79.2 0.0 152.2

176 75.4 0.0 147.8

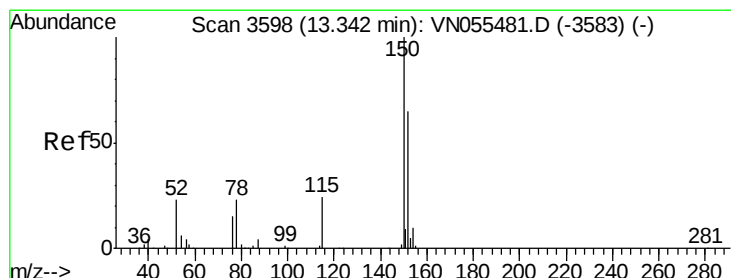
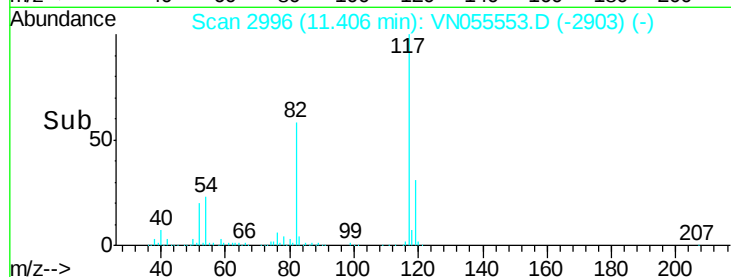
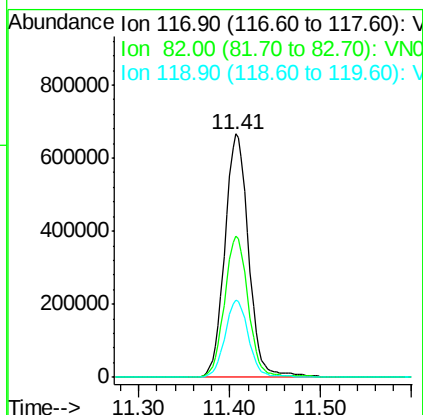
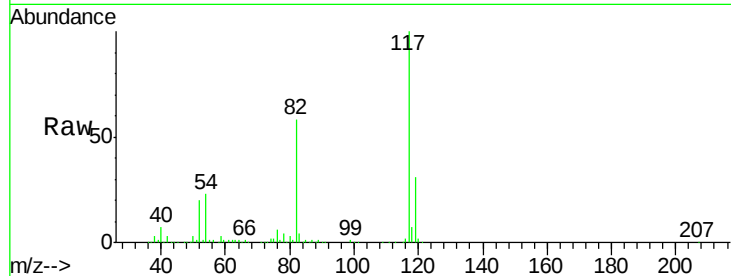




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055553.D
Acq: 10 May 2019 15:43

Instrument :
MSVOA_N
ClientSampleId :
IW-23

Tot Ion:117 Resp: 1211864
Ion Ratio Lower Upper
117 100
82 58.2 48.0 72.0
119 31.5 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN055553.D
Acq: 10 May 2019 15:43

Tgt Ion:152 Resp: 322864
Ion Ratio Lower Upper
152 100
115 58.3 30.1 90.5
150 157.9 0.0 355.0

