

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051019\
 Data File : VN055555.D
 Acq On : 10 May 2019 16:33
 Operator : JC/SP
 Sample : K2758-21
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IW-24

Quant Time: May 11 13:46:07 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

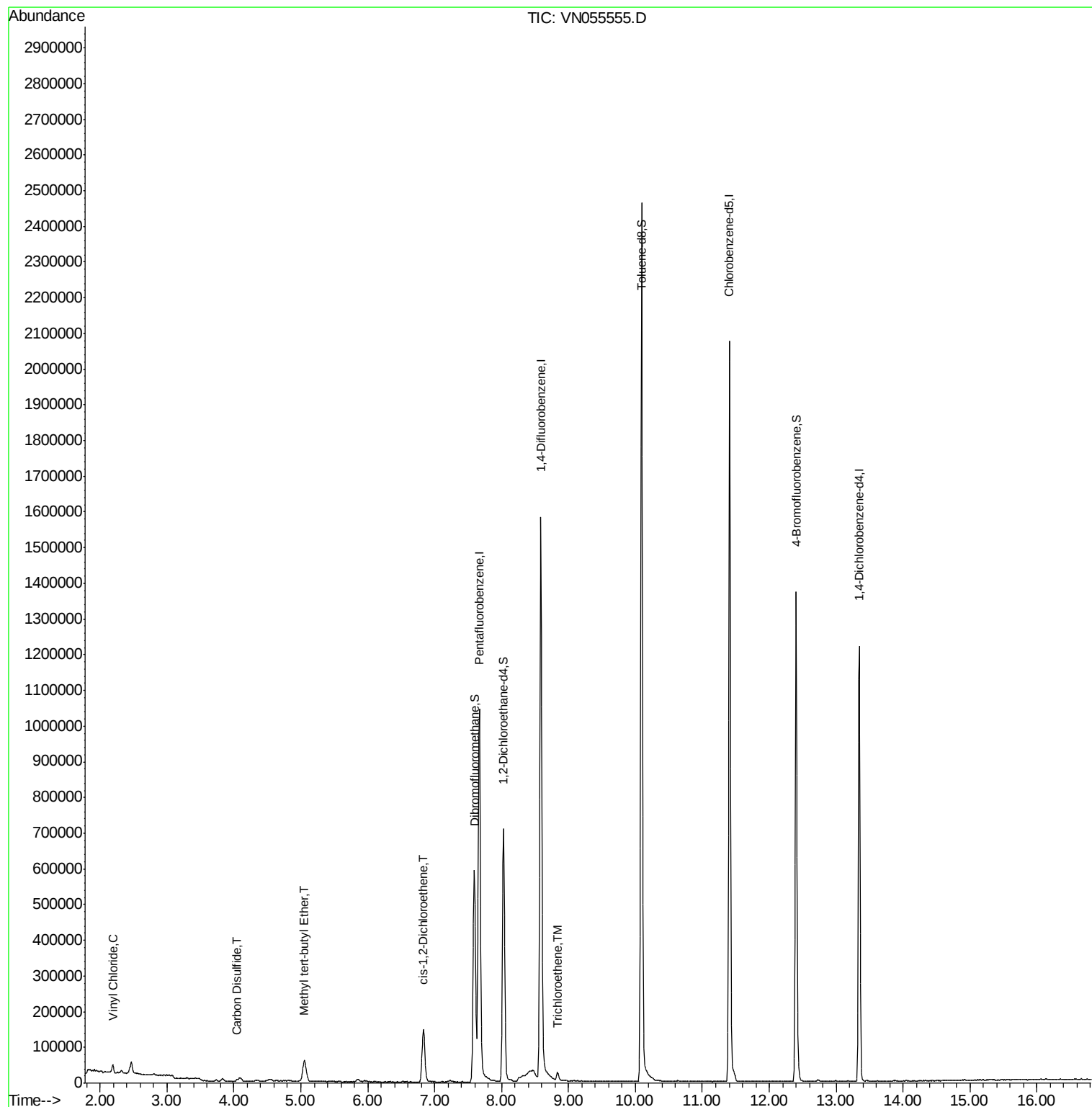
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	878216	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1451310	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1225786	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	342658	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	596305	45.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.20%	
35) Dibromofluoromethane	7.59	113	461204	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.52%	
50) Toluene-d8	10.09	98	1779434	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
62) 4-Bromofluorobenzene	12.40	95	515759	41.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.86%	
Target Compounds						
4) Vinyl Chloride	2.19	62	19442	1.418	ug/l	96
17) Carbon Disulfide	4.04	76	10778	0.411	ug/l	97
19) Methyl tert-butyl Ether	5.06	73	93875	2.943	ug/l	92
27) cis-1,2-Dichloroethene	6.83	96	98125	8.159	ug/l	89
44) Trichloroethene	8.83	130	6964	0.660	ug/l	80

(#) = 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: VN055555.D

Acq: 10 May 2019 16:33

Instrument :

MSVOA_N

ClientSampled :

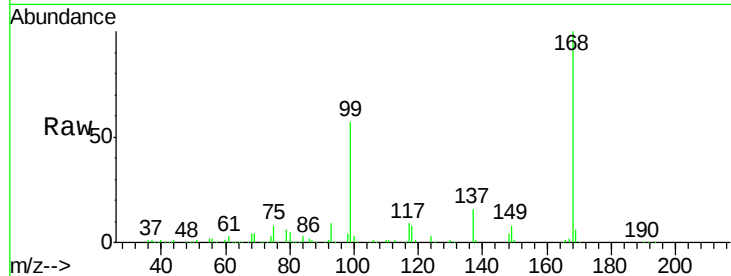
IW-24

Tot Ion:168 Resp: 878216

Ion Ratio Lower Upper

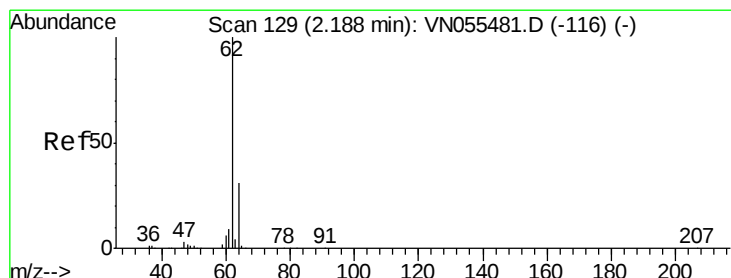
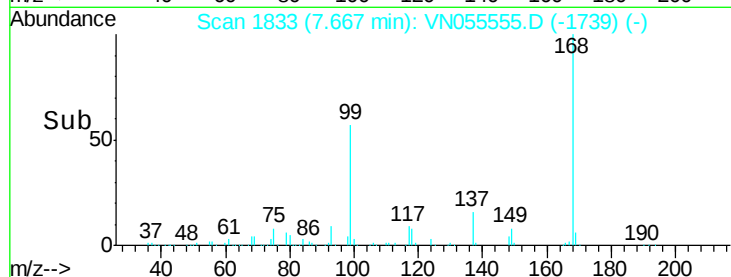
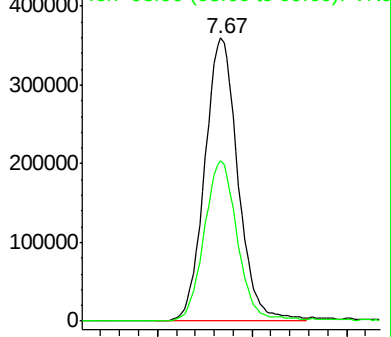
168 100

99 56.7 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#4

Vinyl Chloride

Concen: 1.418 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN055555.D

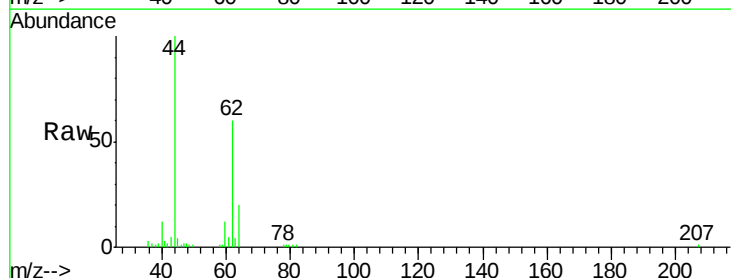
Acq: 10 May 2019 16:33

Tgt Ion: 62 Resp: 19442

Ion Ratio Lower Upper

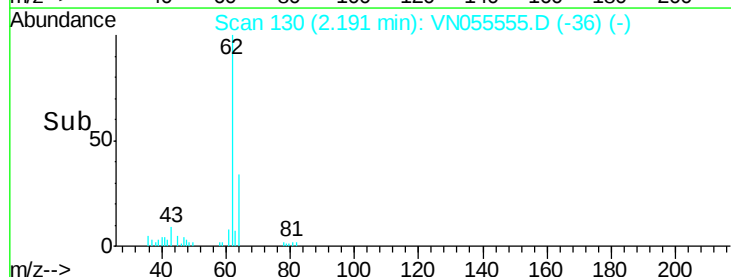
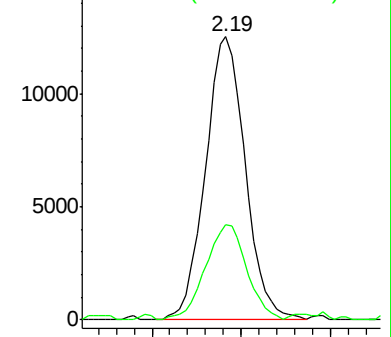
62 100

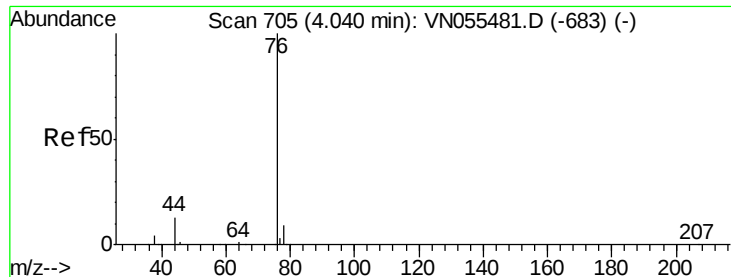
64 33.6 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

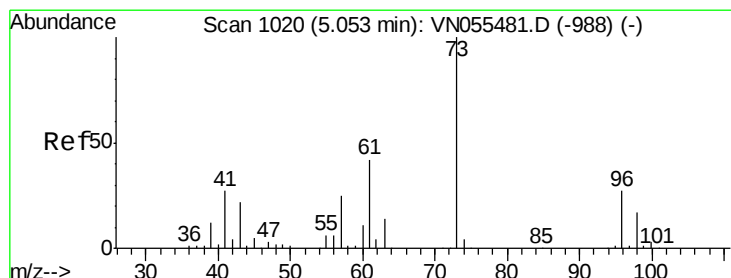
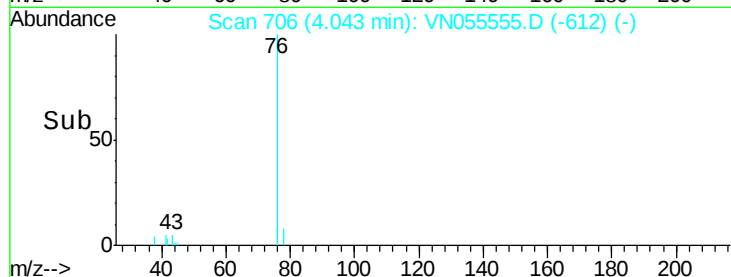
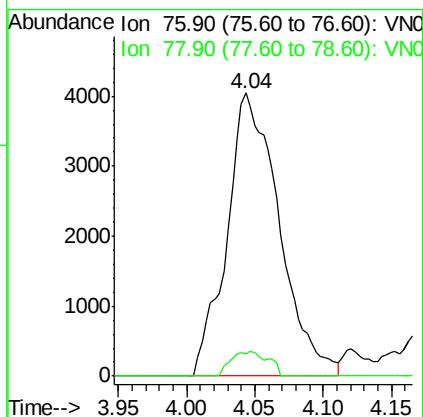
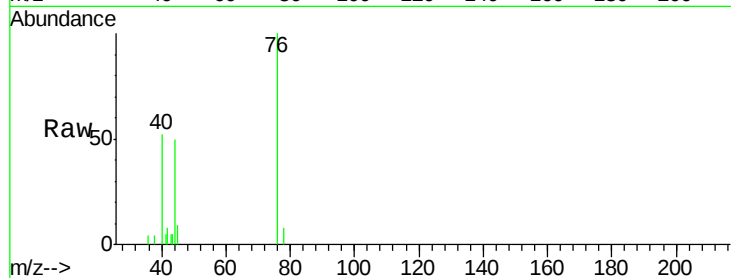




#17
Carbon Disulfide
Concen: 0.411 ug/l
RT: 4.04 min Scan# 706
Delta R.T. 0.00 min
Lab File: VN055555.D
Acq: 10 May 2019 16:33

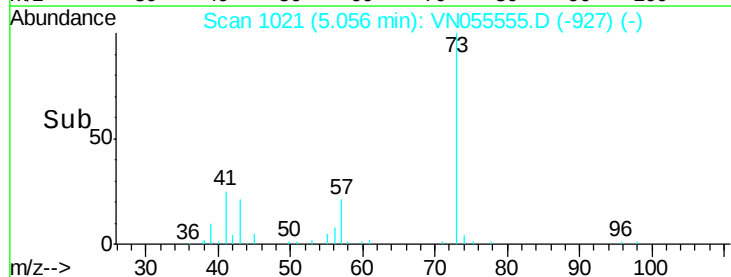
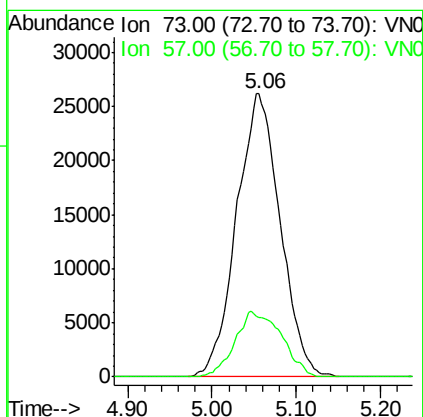
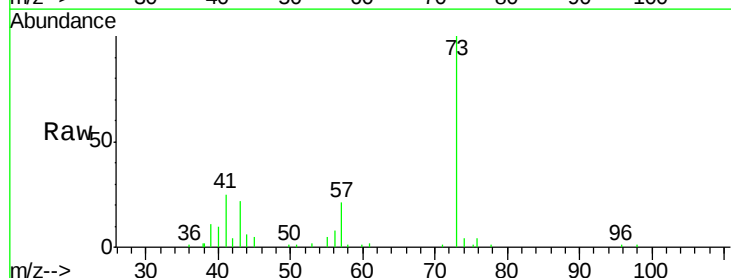
Instrument :
MSVOA_N
ClientSampled :
IW-24

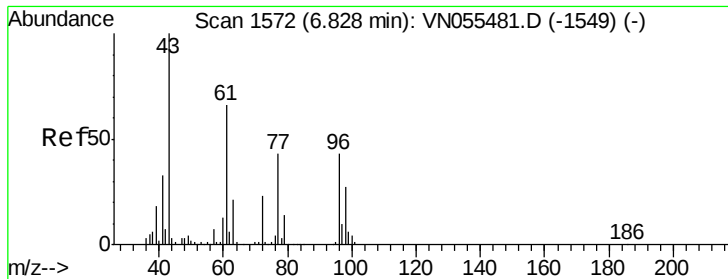
Tot Ion: 76 Resp: 10778
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.0



#19
Methyl tert-butyl Ether
Concen: 2.943 ug/l
RT: 5.06 min Scan# 1021
Delta R.T. 0.00 min
Lab File: VN055555.D
Acq: 10 May 2019 16:33

Tgt Ion: 73 Resp: 93875
Ion Ratio Lower Upper
73 100
57 21.1 20.0 30.0

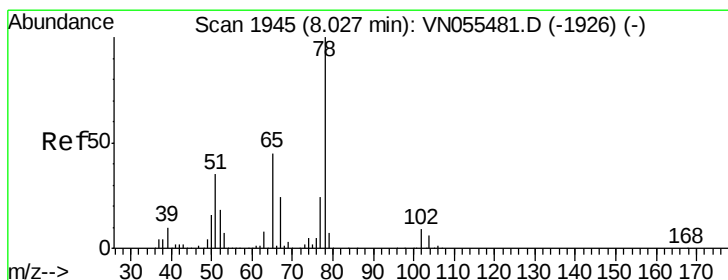
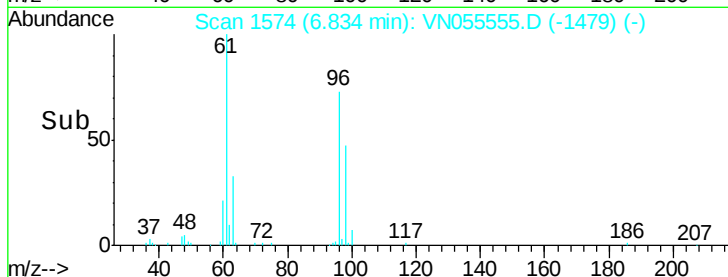
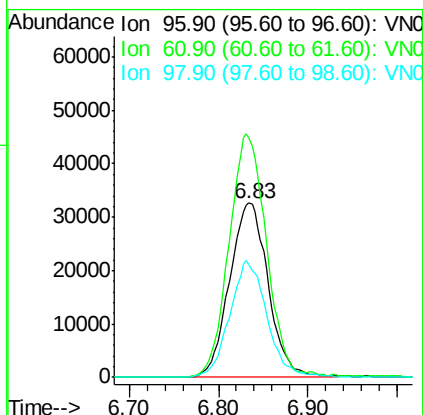
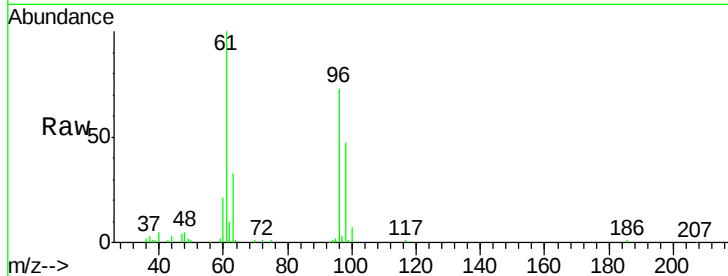




#27
 cis-1,2-Dichloroethene
 Concen: 8.159 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: VN055555.D
 Acq: 10 May 2019 16:33

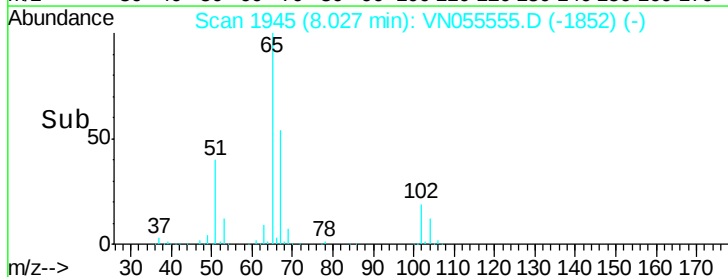
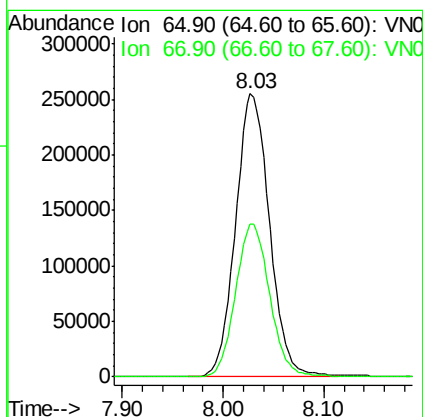
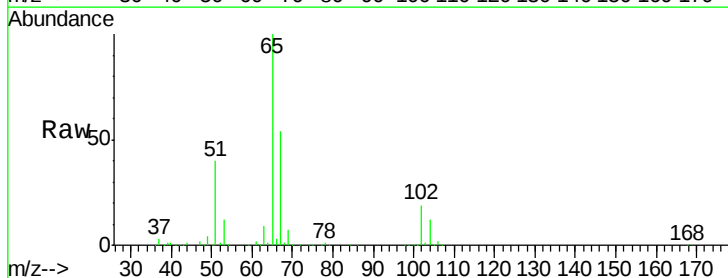
Instrument :
 MSVOA_N
 ClientSampleId :
 IW-24

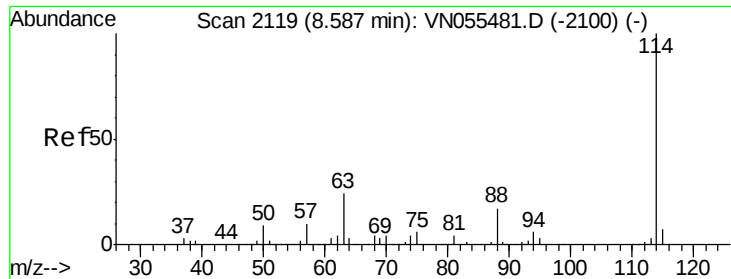
Tot Ion	96	Resp	98125
Ion	Ratio	Lower	Upper
96	100		
61	135.3	0.0	310.8
98	64.5	0.0	129.4



#33
 1,2-Dichloroethane-d4
 Concen: 45.096 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055555.D
 Acq: 10 May 2019 16:33

Tgt Ion	65	Resp	596305
Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	109.6

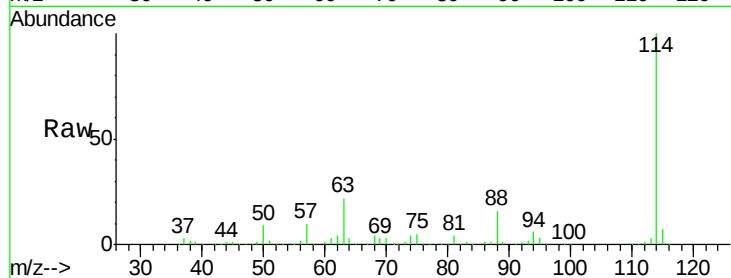




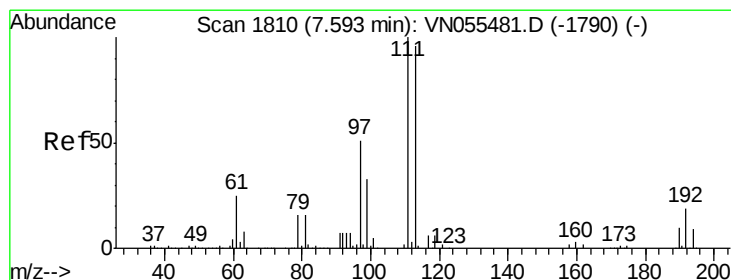
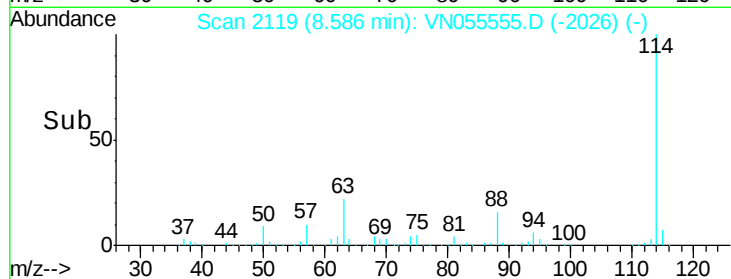
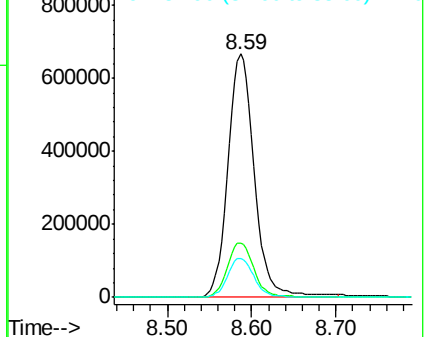
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055555.D
 Acq: 10 May 2019 16:33

Instrument :
 MSVOA_N
 ClientSampled :
 IW-24

Tot Ion:114 Resp: 1451310
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 47.4
 88 16.0 0.0 34.0

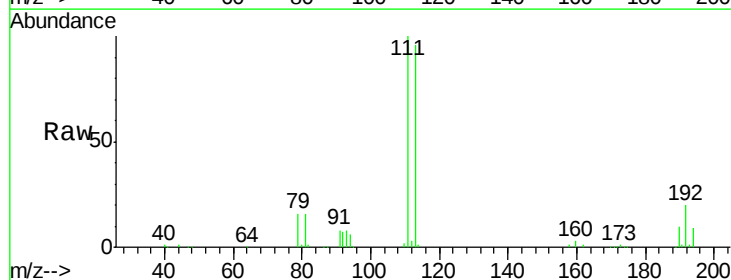


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

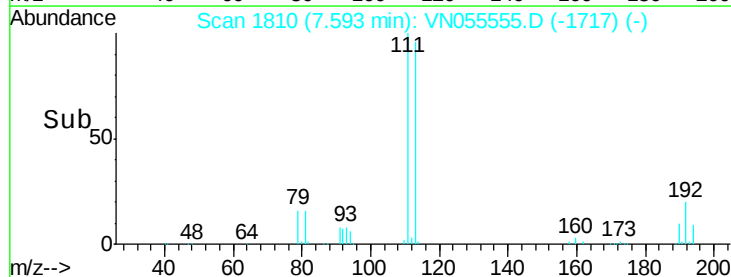
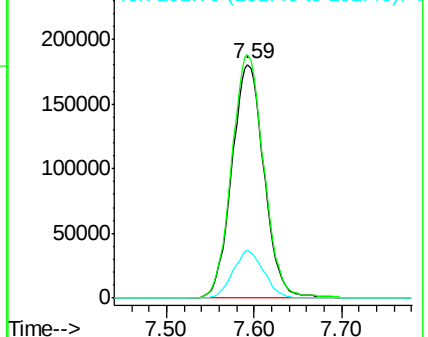


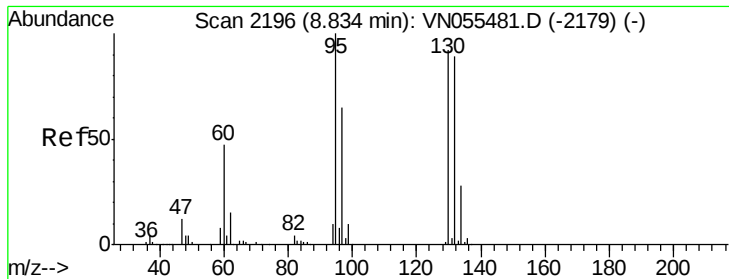
#35
 Dibromofluoromethane
 Concen: 49.263 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN055555.D
 Acq: 10 May 2019 16:33

Tgt Ion:113 Resp: 461204
 Ion Ratio Lower Upper
 113 100
 111 104.5 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





#44

Trichloroethene

Concen: 0.660 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN055555.D

Acq: 10 May 2019 16:33

Instrument :

MSVOA_N

ClientSampled :

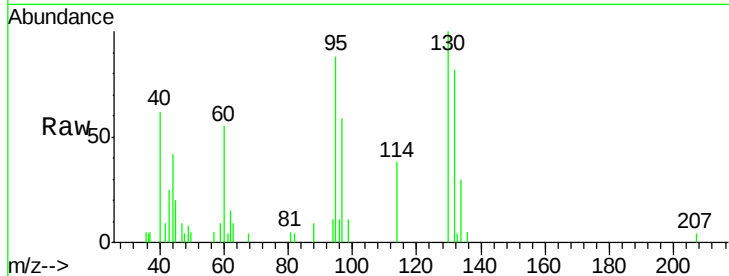
IW-24

Tot Ion:130 Resp: 6964

Ion Ratio Lower Upper

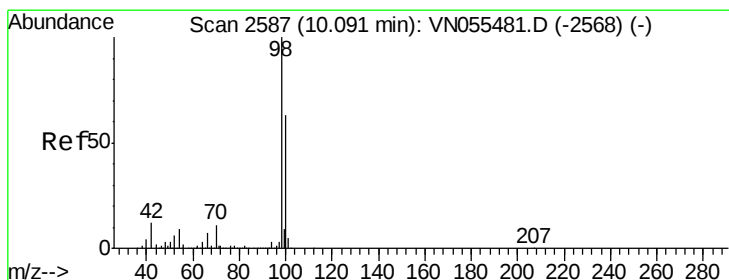
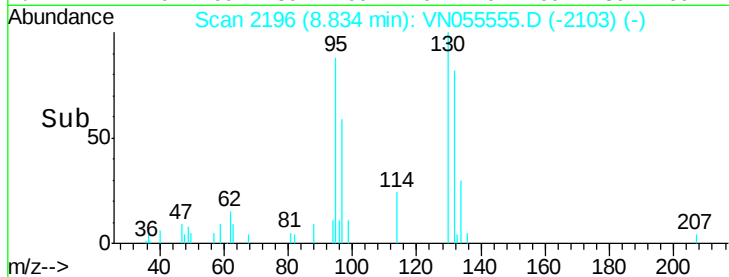
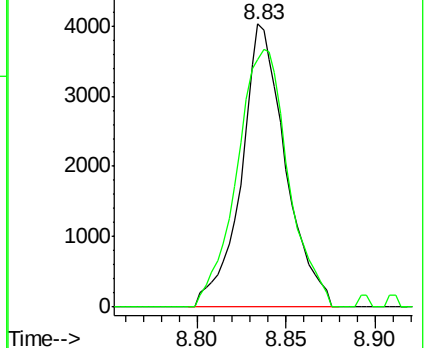
130 100

95 87.7 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 48.774 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055555.D

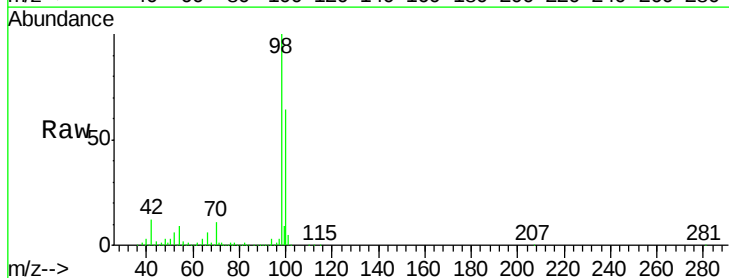
Acq: 10 May 2019 16:33

Tgt Ion: 98 Resp: 1779434

Ion Ratio Lower Upper

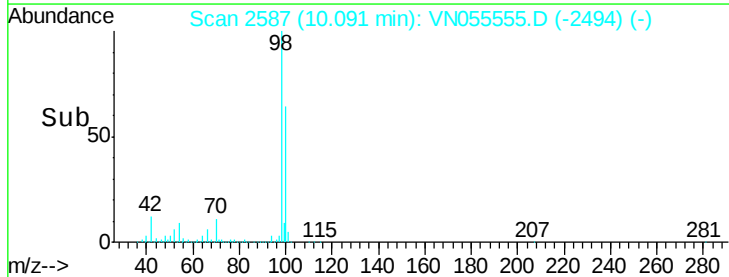
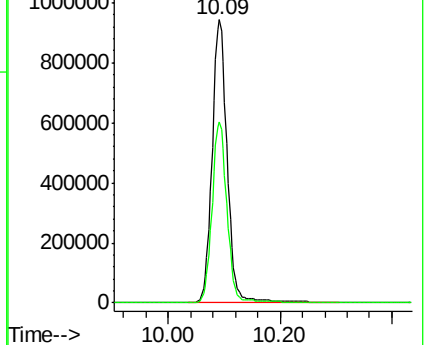
98 100

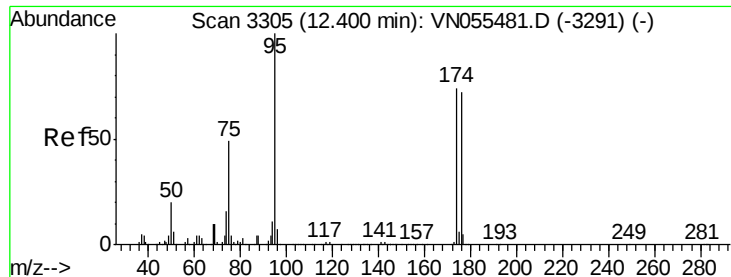
100 63.5 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

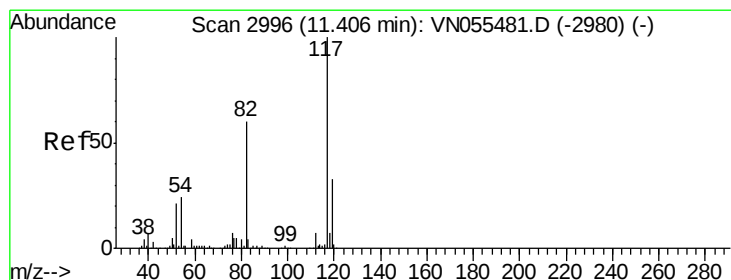
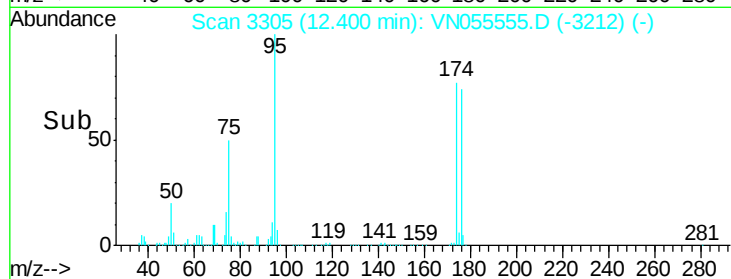
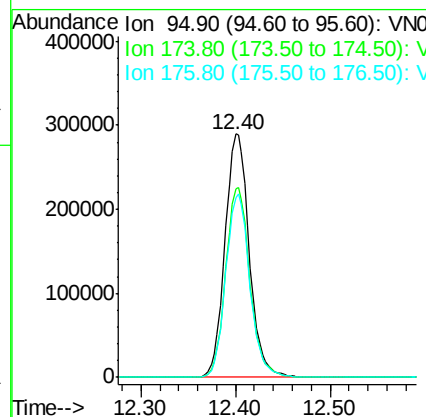
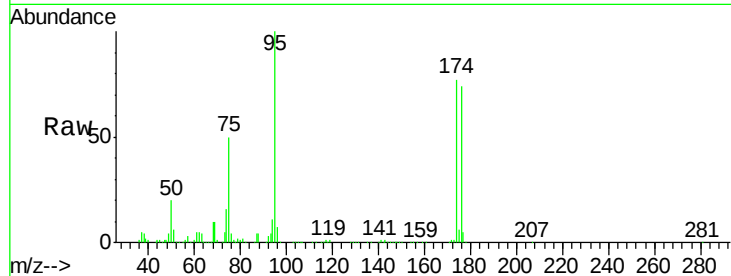




#62
4-Bromofluorobenzene
Concen: 41.926 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN055555.D
Acq: 10 May 2019 16:33

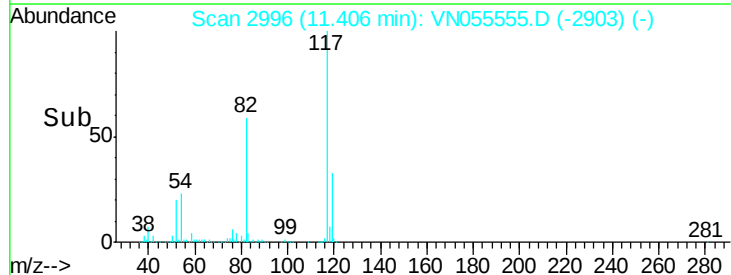
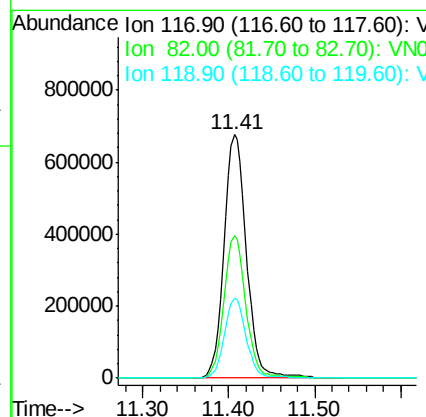
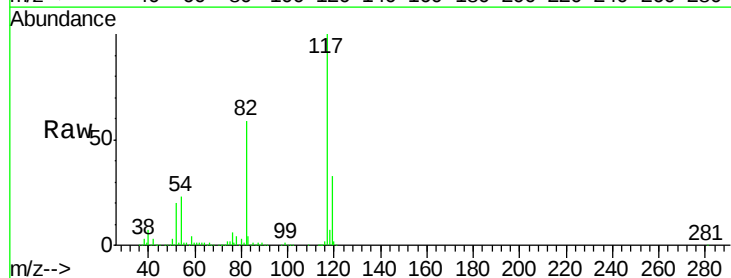
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MSVOA_N
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IW-24

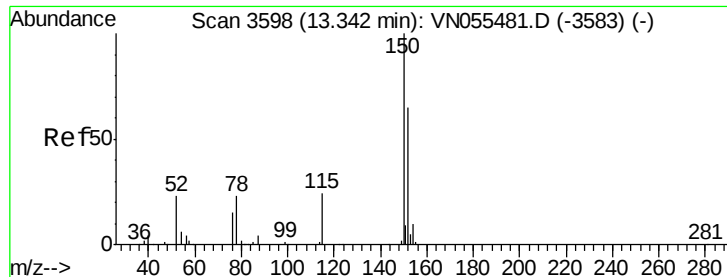
Tot Ion: 95 Resp: 515759
Ion Ratio Lower Upper
95 100
174 77.7 0.0 152.2
176 75.0 0.0 147.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055555.D
Acq: 10 May 2019 16:33

Tgt Ion: 117 Resp: 1225786
Ion Ratio Lower Upper
117 100
82 58.8 48.0 72.0
119 32.9 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: VN055555.D

Acq: 10 May 2019 16:33

Instrument :

MSVOA_N

ClientSampleId :

IW-24

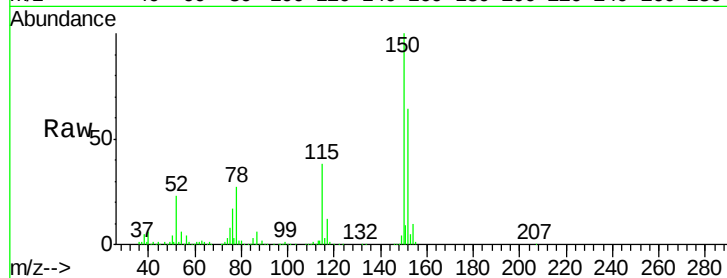
Tot Ion:152 Resp: 342658

Ion Ratio Lower Upper

152 100

115 59.2 30.1 90.5

150 157.3 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

