

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041719\
 Data File : VN055106.D
 Acq On : 17 Apr 2019 15:17
 Operator : JC/SP
 Sample : K2442-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-20-S

Quant Time: Apr 18 05:36:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

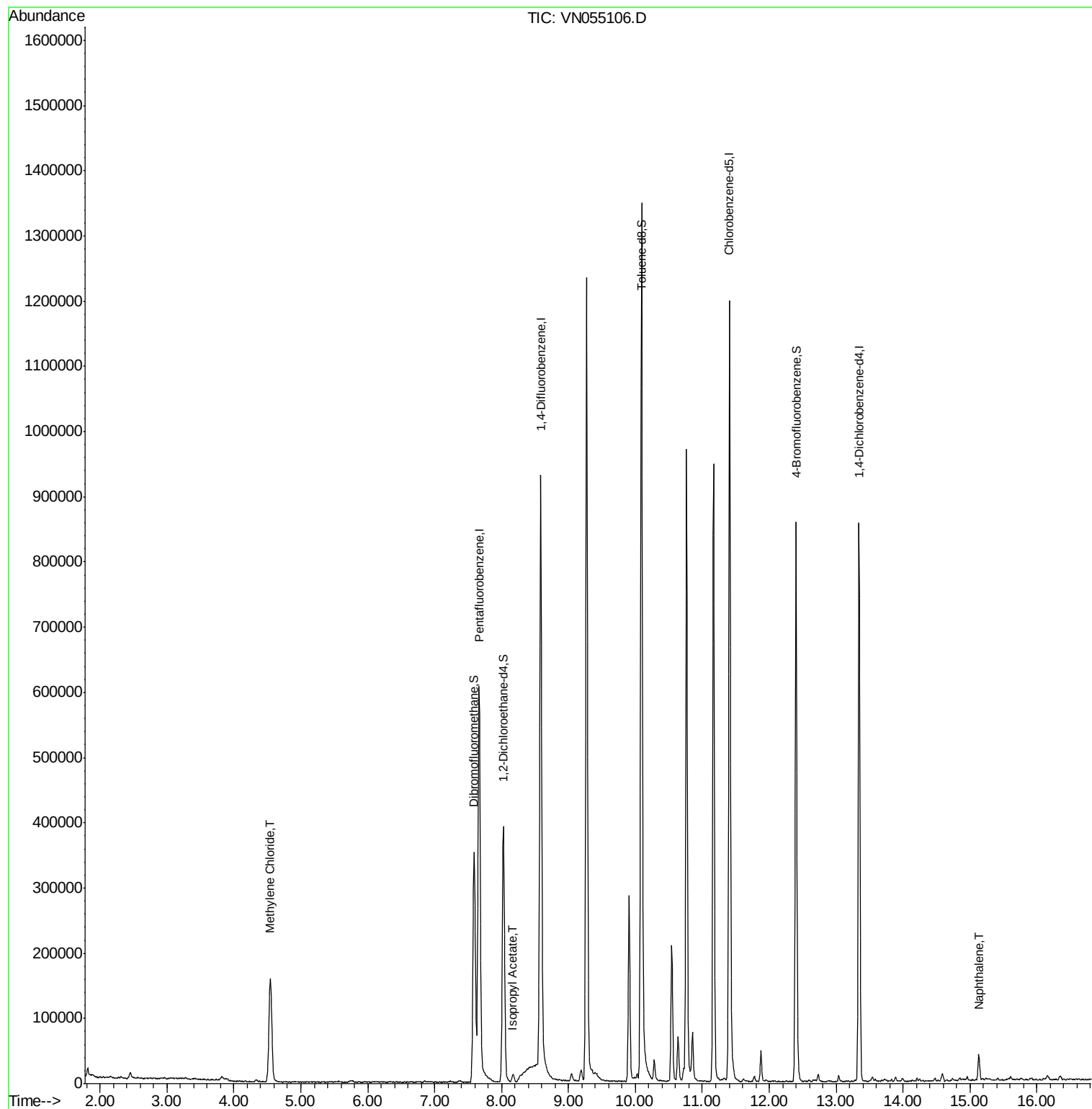
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	509586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	846163	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	720420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	233977	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	332204	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
35) Dibromofluoromethane	7.59	113	271325	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
50) Toluene-d8	10.09	98	1004708	49.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.28%	
62) 4-Bromofluorobenzene	12.40	95	296422	45.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.10%	
Target Compounds						
18) Methyl Acetate	4.33	43	1810	Below Cal	#	91
20) Methylene Chloride	4.54	84	112500	17.407	ug/l	99
43) Isopropyl Acetate	8.17	43	13692	1.368	ug/l #	87
95) Naphthalene	15.13	128	34147	6.897	ug/l	99

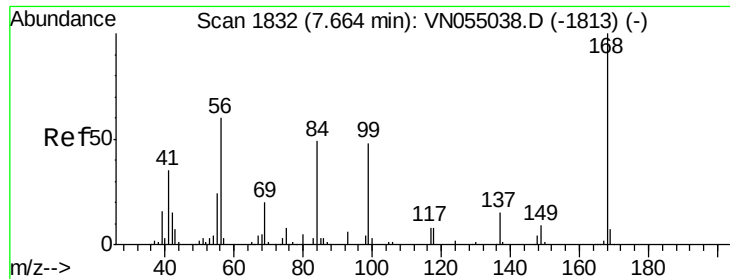
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041719\
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QLast Update : Mon Apr 15 12:28:28 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN055106.D

Acq: 17 Apr 2019 15:17

Instrument :

MSVOA_N

ClientSampled :

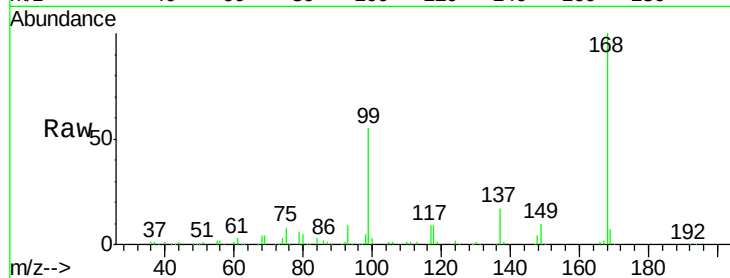
TP-20-S

Tot Ion:168 Resp: 509586

Ion Ratio Lower Upper

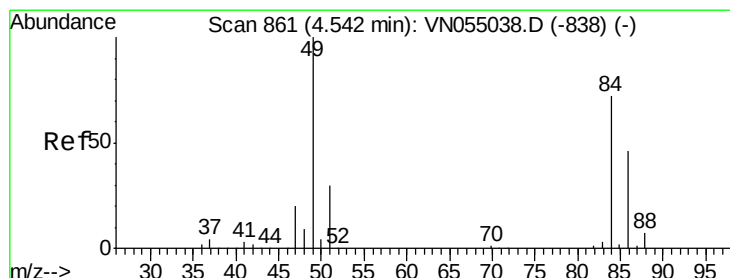
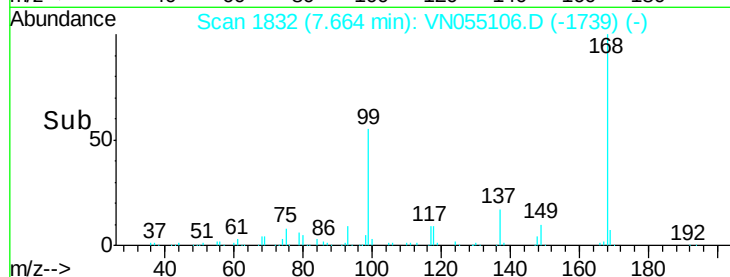
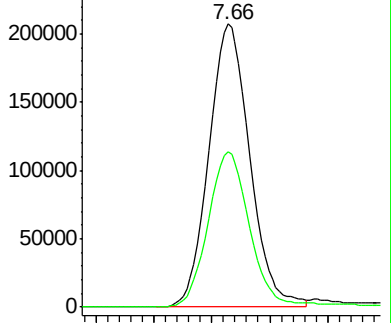
168 100

99 55.1 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 17.407 ug/l

RT: 4.54 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN055106.D

Acq: 17 Apr 2019 15:17

Tgt Ion: 84 Resp: 112500

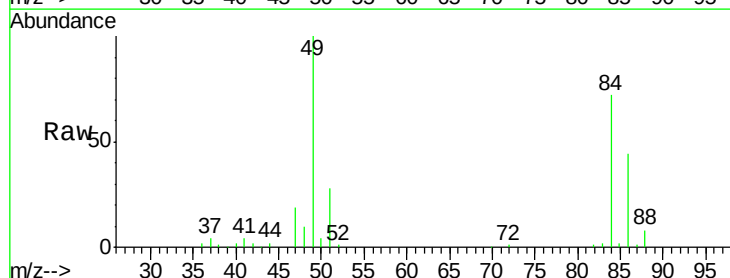
Ion Ratio Lower Upper

84 100

49 138.3 109.4 164.2

51 39.1 32.2 48.4

86 61.3 49.3 73.9

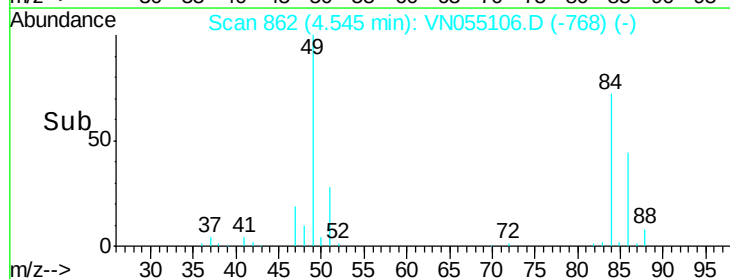
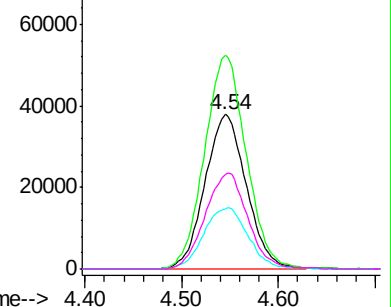


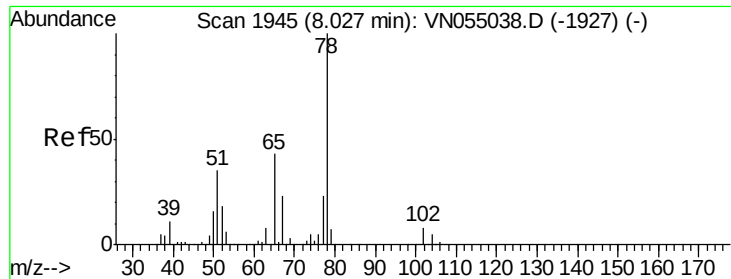
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

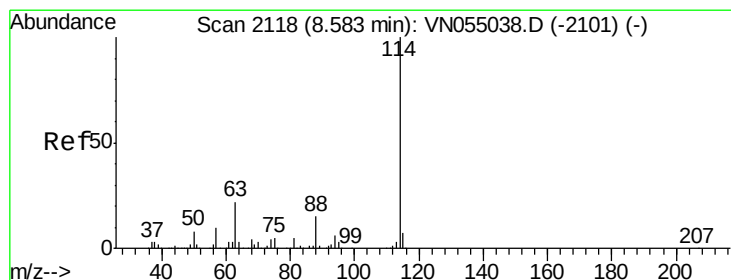
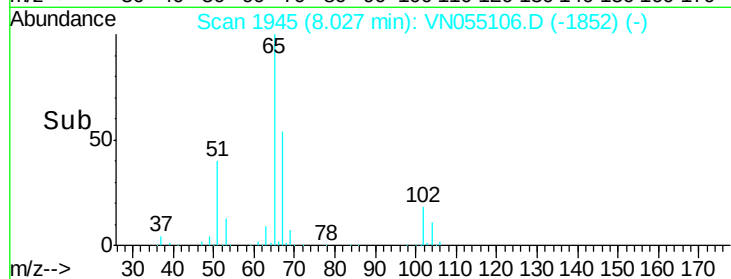
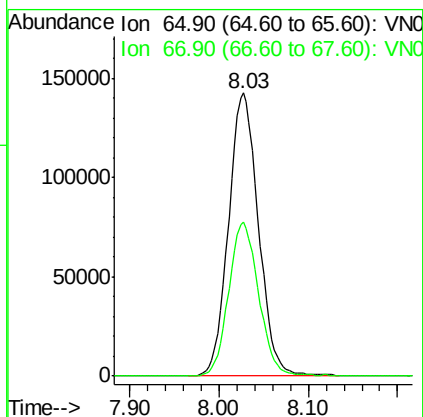
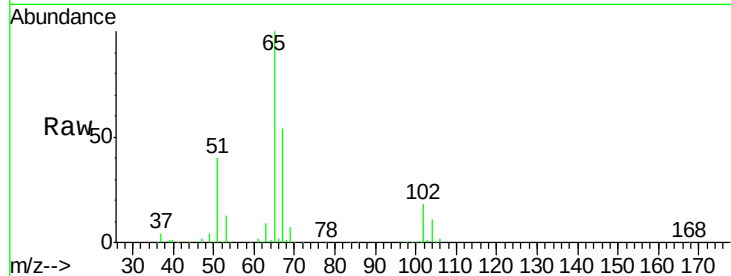




#33
 1,2-Dichloroethane-d4
 Concen: 49.043 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055106.D
 Acq: 17 Apr 2019 15:17

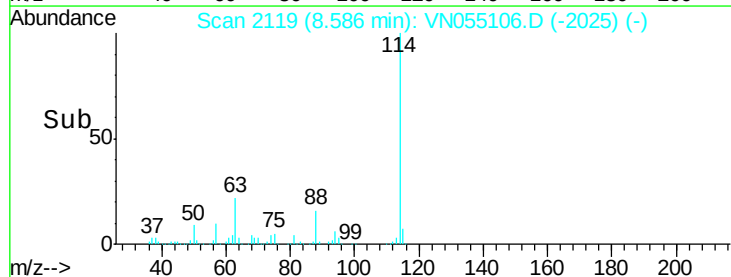
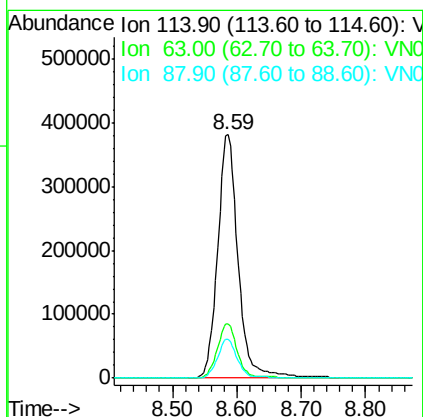
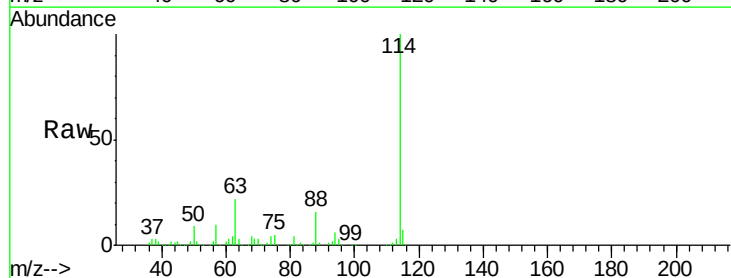
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-20-S

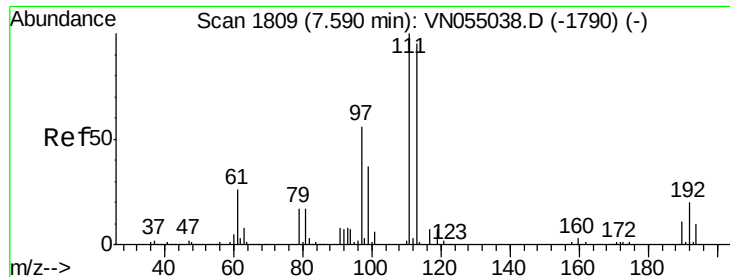
Tot Ion: 65 Resp: 332204
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055106.D
 Acq: 17 Apr 2019 15:17

Tgt Ion: 114 Resp: 846163
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 45.2
 88 16.1 0.0 31.8

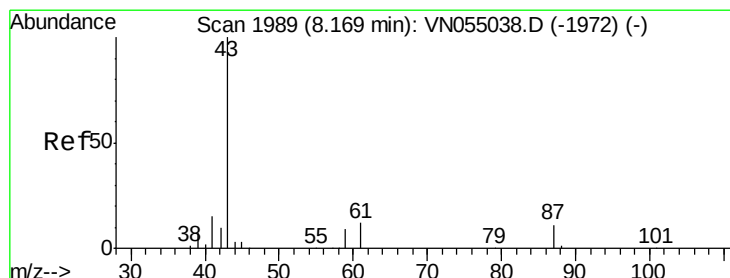
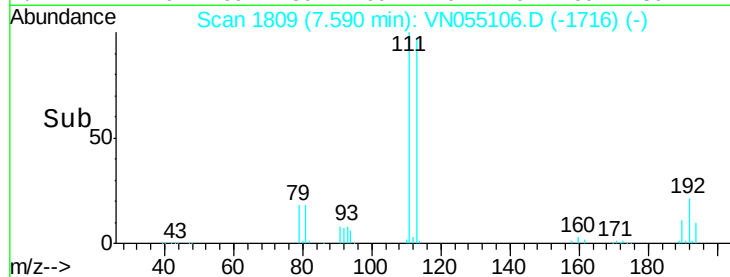
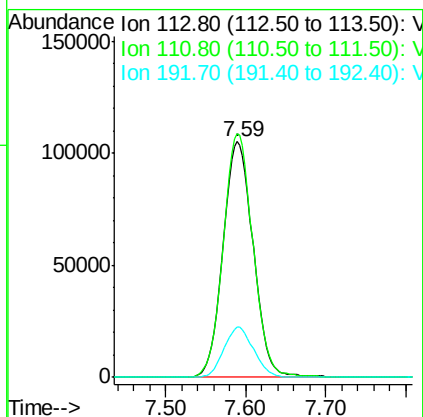
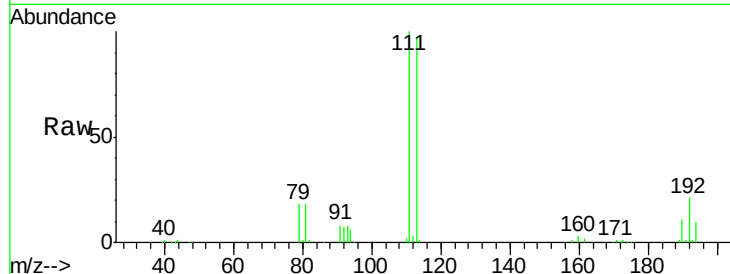




#35
 Dibromofluoromethane
 Concen: 47.980 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055106.D
 Acq: 17 Apr 2019 15:17

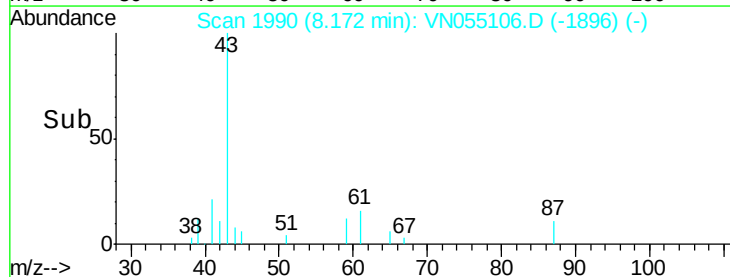
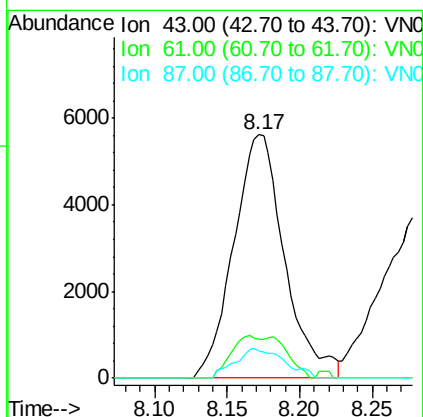
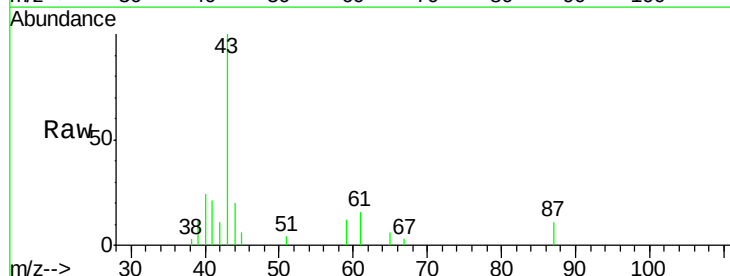
Instrument :
 MSVOA_N
 ClientSampled :
 TP-20-S

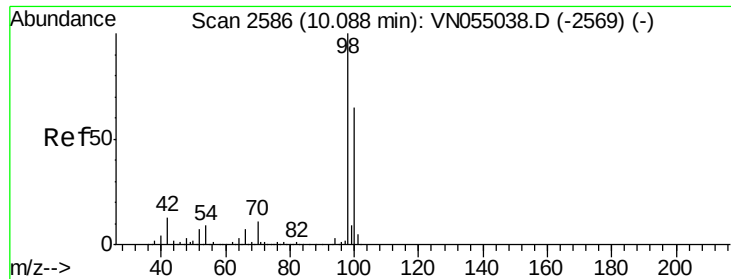
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.1	123.1
192	21.1	16.5	24.7



#43
 Isopropyl Acetate
 Concen: 1.368 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN055106.D
 Acq: 17 Apr 2019 15:17

Tgt Ion	Ratio	Lower	Upper
43	100		
61	9.5	14.3	21.5#
87	11.7	8.6	13.0





#50

Toluene-d8

Concen: 49.641 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055106.D

Acq: 17 Apr 2019 15:17

Instrument :

MSVOA_N

ClientSampled :

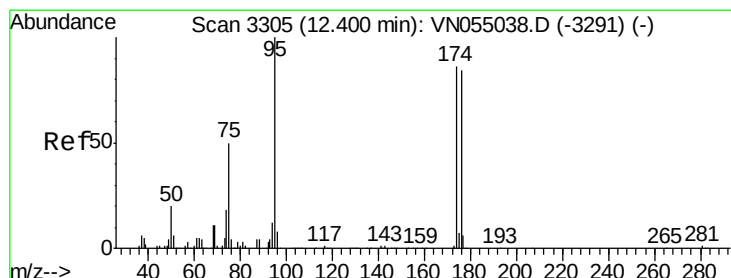
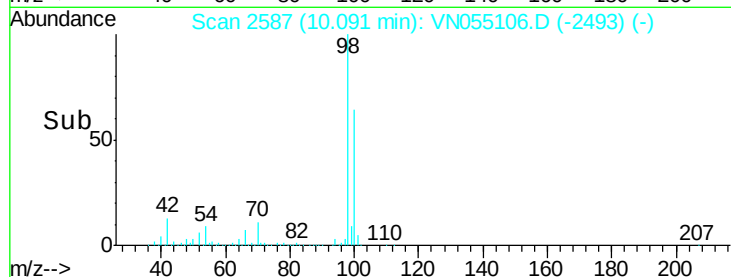
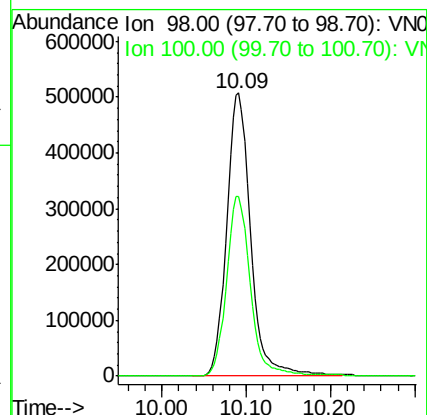
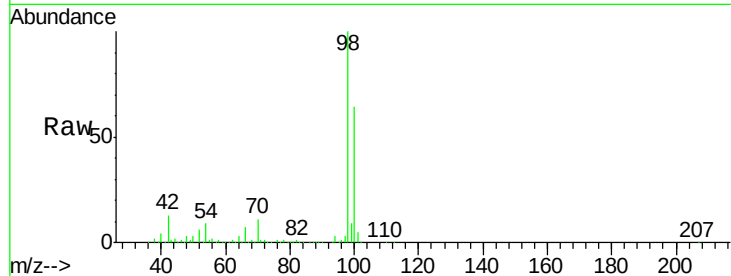
TP-20-S

Tot Ion: 98 Resp: 1004708

Ion Ratio Lower Upper

98 100

100 63.1 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 45.050 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055106.D

Acq: 17 Apr 2019 15:17

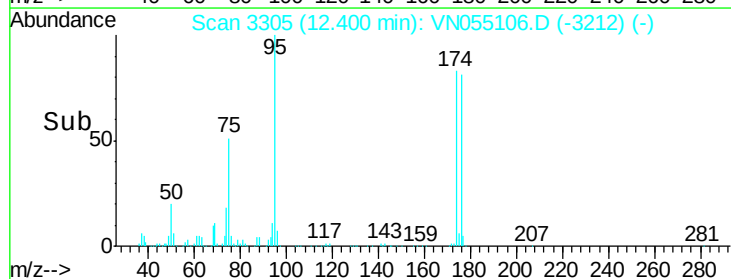
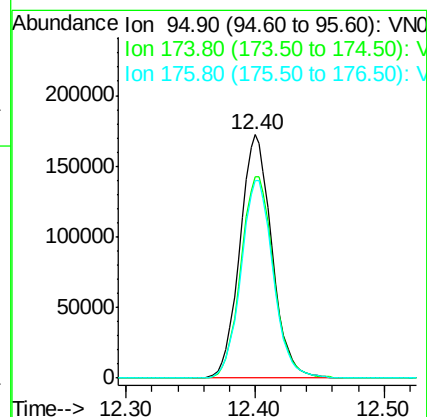
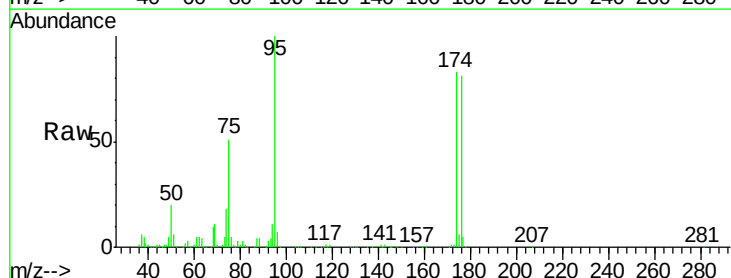
Tgt Ion: 95 Resp: 296422

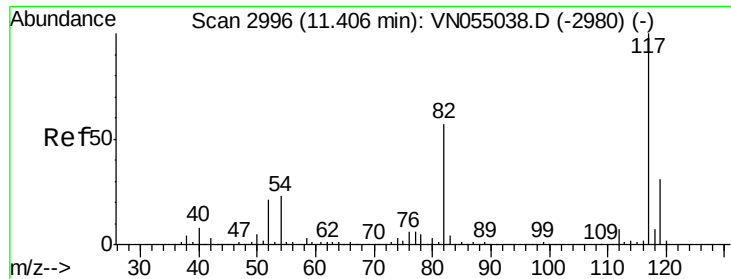
Ion Ratio Lower Upper

95 100

174 84.9 0.0 174.4

176 81.8 0.0 166.8

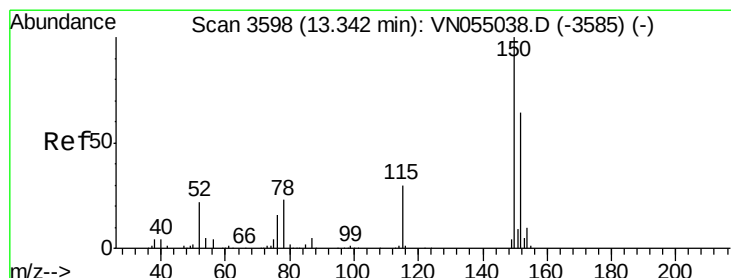
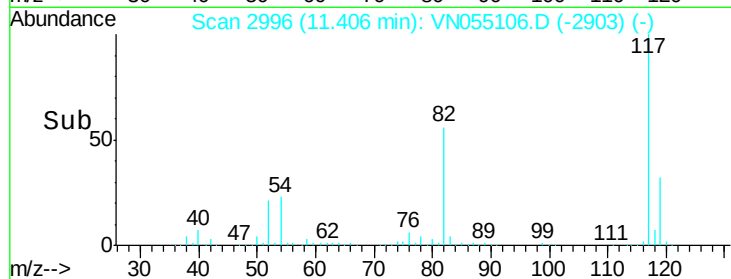
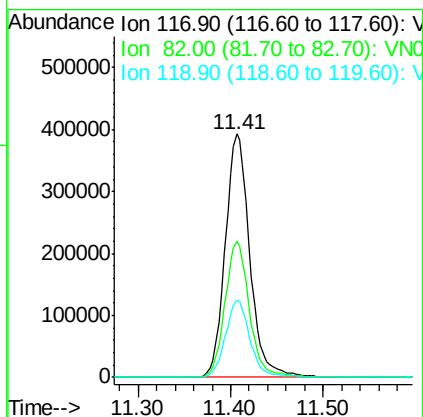
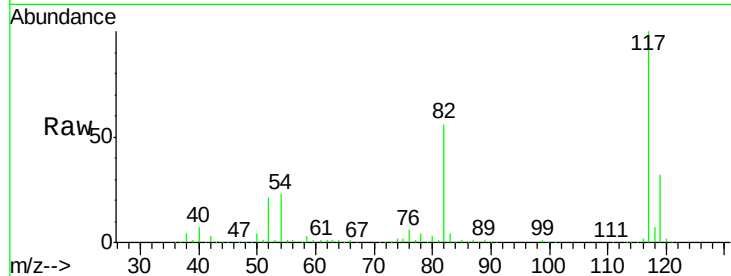




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055106.D
Acq: 17 Apr 2019 15:17

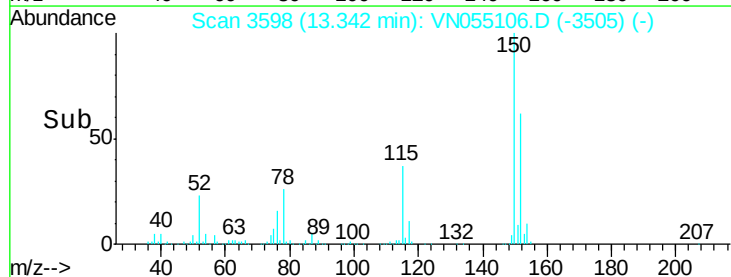
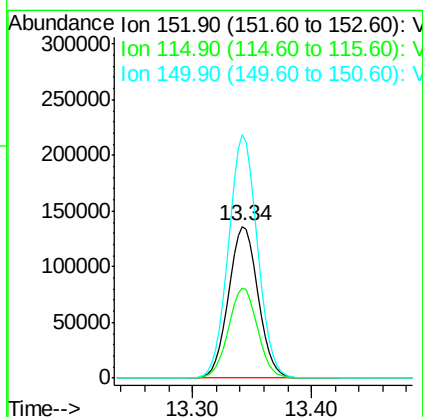
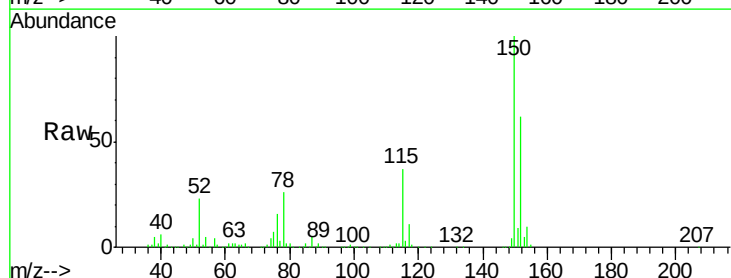
Instrument :
MSVOA_N
ClientSampled :
TP-20-S

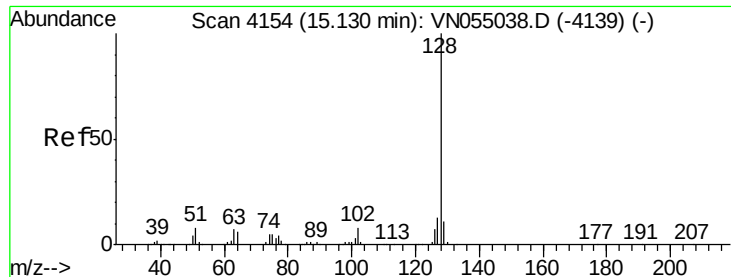
Tot Ion:117 Resp: 720420
Ion Ratio Lower Upper
117 100
82 55.9 44.6 66.8
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055106.D
Acq: 17 Apr 2019 15:17

Tgt Ion:152 Resp: 233977
Ion Ratio Lower Upper
152 100
115 58.6 28.5 85.6
150 157.4 0.0 347.2





#95

Naphthalene

Concen: 6.897 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055106.D

Acq: 17 Apr 2019 15:17

Instrument :

MSVOA_N

ClientSampleId :

TP-20-S

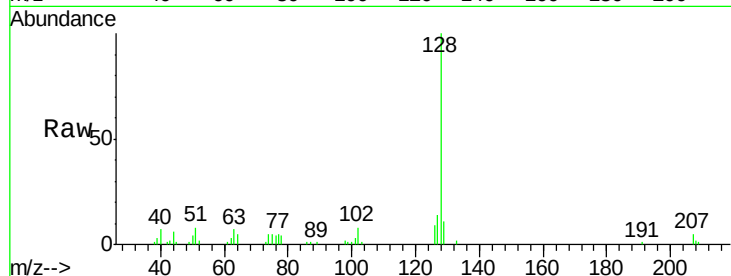
Tot Ion:128 Resp: 34147

Ion Ratio Lower Upper

128 100

127 13.2 10.1 15.1

129 11.1 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

