

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041619\
 Data File : VN055080.D
 Acq On : 16 Apr 2019 16:00
 Operator : JC/SP
 Sample : K2422-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP3-S

Quant Time: Apr 17 02:25:49 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

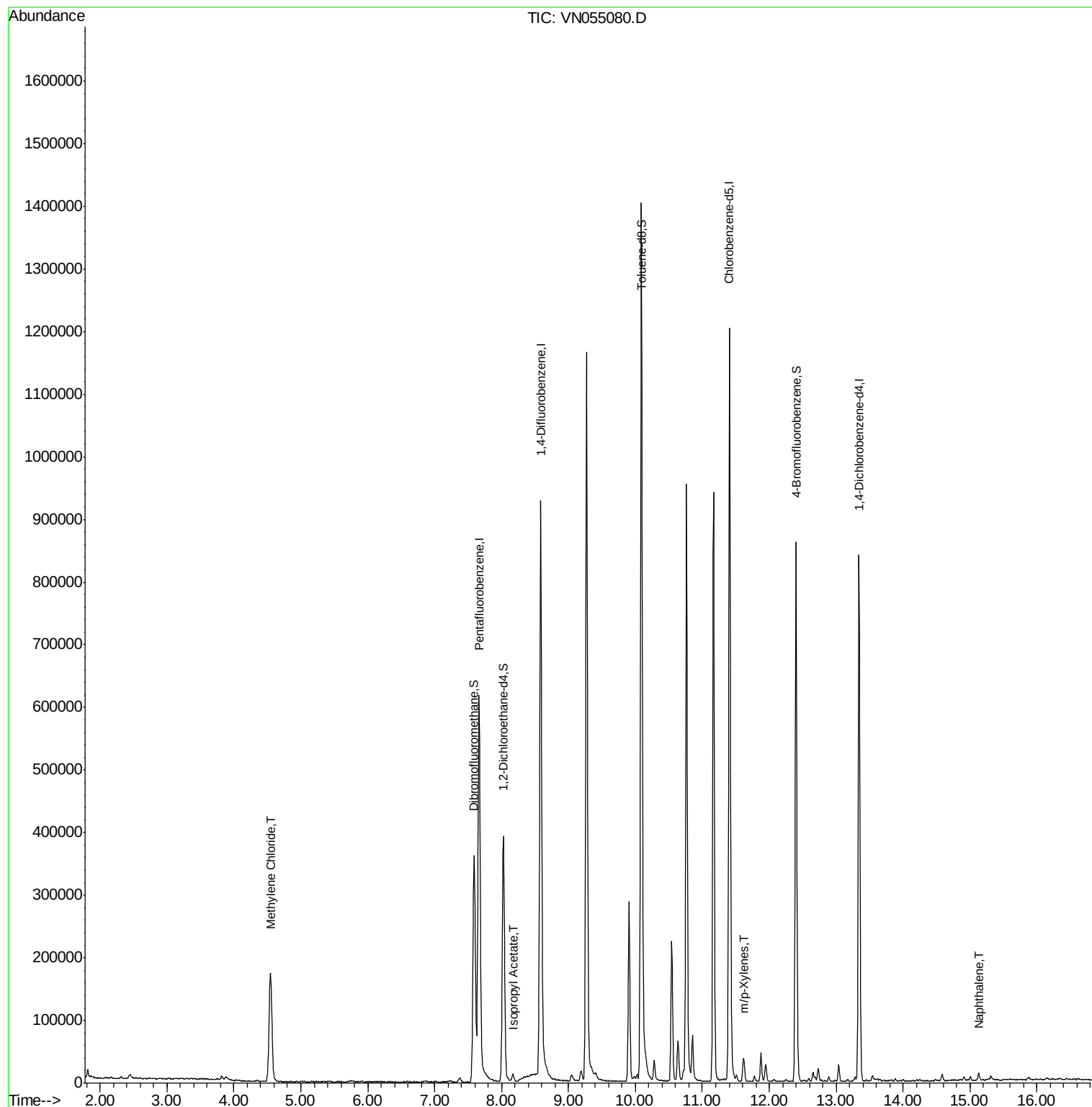
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	541043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	858224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	718821	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	227466	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	336672	46.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.62%	
35) Dibromofluoromethane	7.59	113	278420	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
50) Toluene-d8	10.09	98	1024499	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
62) 4-Bromofluorobenzene	12.40	95	302799	45.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.74%	
Target Compounds						
20) Methylene Chloride	4.54	84	121010	17.635	ug/l	96
43) Isopropyl Acetate	8.17	43	13989	1.378	ug/l #	93
68) m/p-Xylenes	11.62	106	12394	1.325	ug/l	97
95) Naphthalene	15.13	128	8771	4.088	ug/l	99

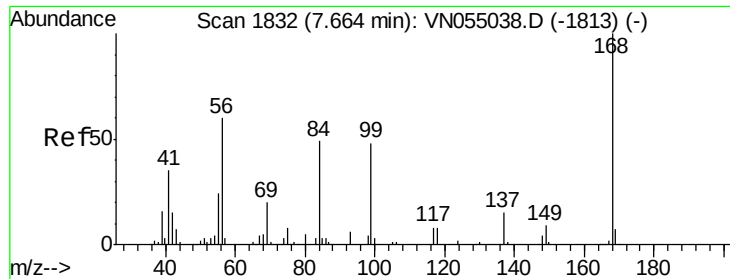
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Apr 15 12:28:28 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: VN055080.D

Acq: 16 Apr 2019 16:00

Instrument :

MSVOA_N

ClientSampleId :

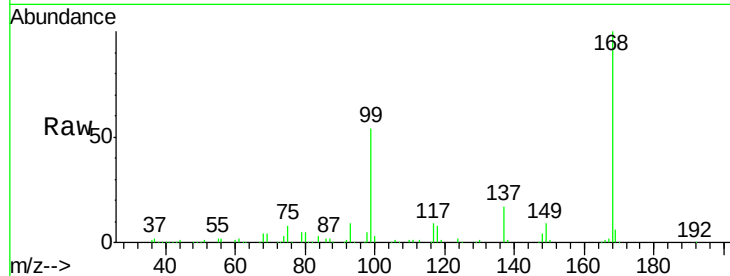
TP3-S

Tot Ion:168 Resp: 541043

Ion Ratio Lower Upper

168 100

99 54.0 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

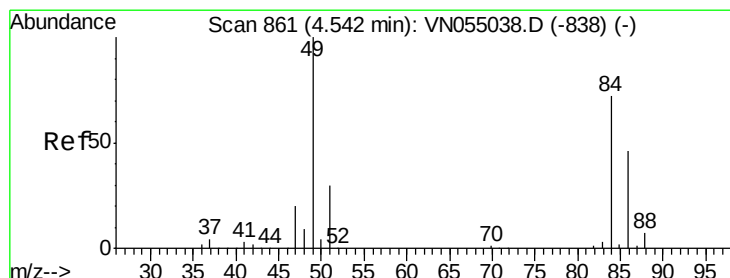
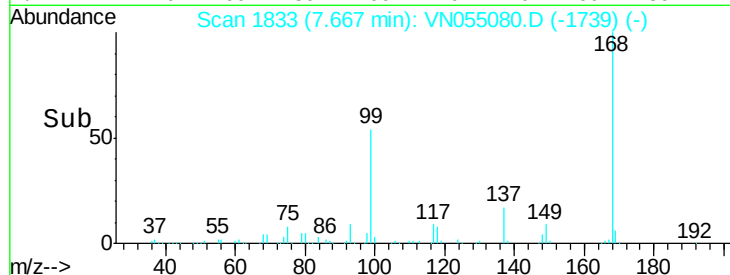
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 17.635 ug/l

RT: 4.54 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN055080.D

Acq: 16 Apr 2019 16:00

Tgt Ion: 84 Resp: 121010

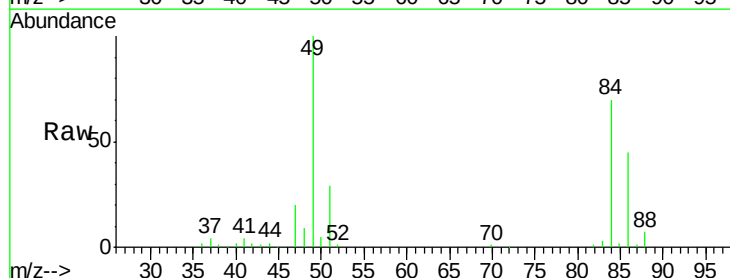
Ion Ratio Lower Upper

84 100

49 142.1 109.4 164.2

51 41.6 32.2 48.4

86 63.8 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

80000

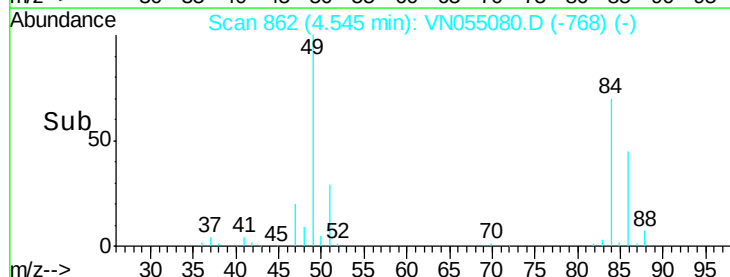
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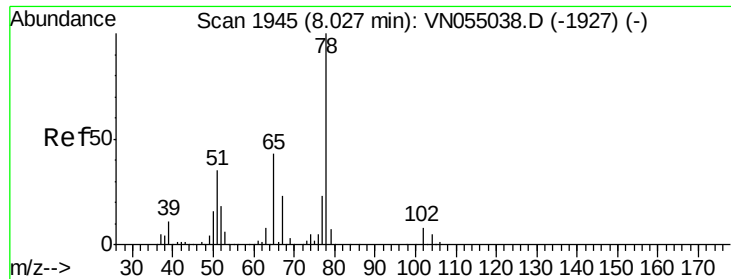
40000

20000

0

Time-->

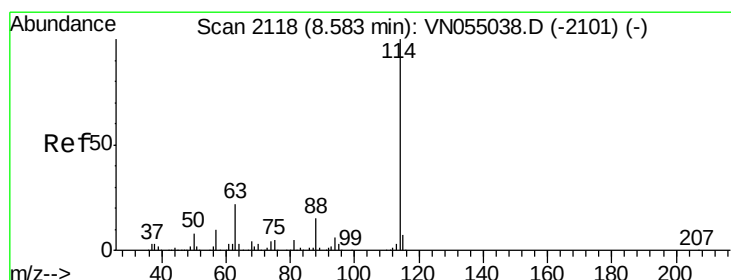
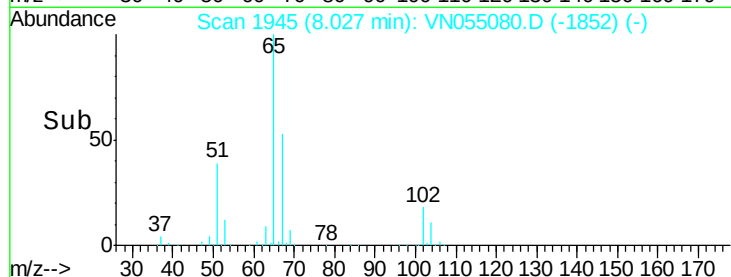
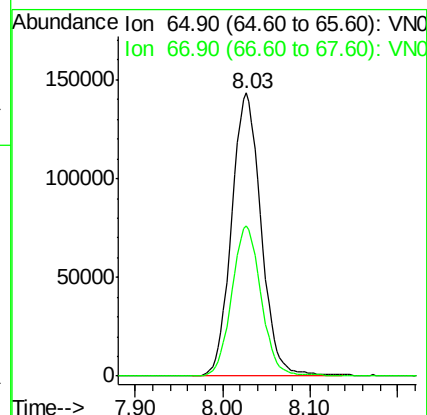
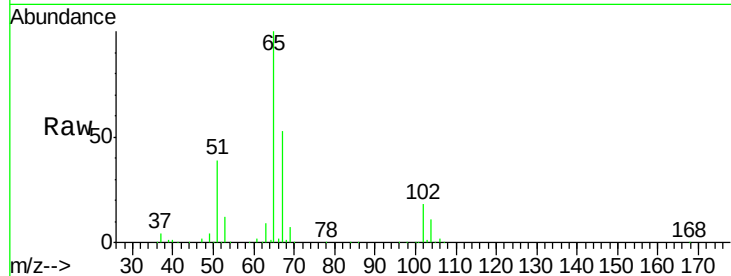




#33
 1,2-Dichloroethane-d4
 Concen: 46.813 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055080.D
 Acq: 16 Apr 2019 16:00

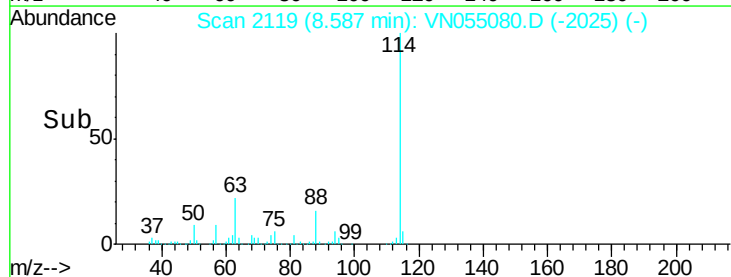
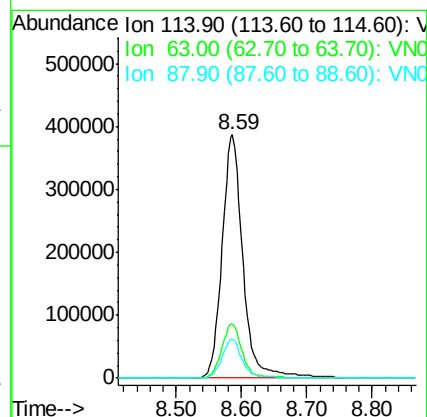
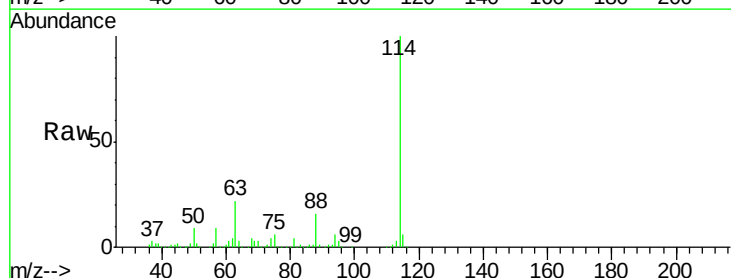
Instrument :
 MSVOA_N
 ClientSampleId :
 TP3-S

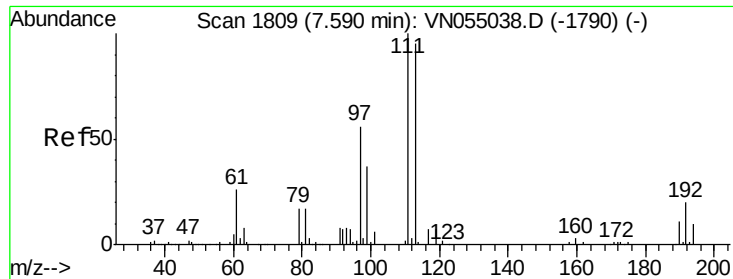
Tot Ion: 65 Resp: 336672
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055080.D
 Acq: 16 Apr 2019 16:00

Tgt Ion: 114 Resp: 858224
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 45.2
 88 16.2 0.0 31.8

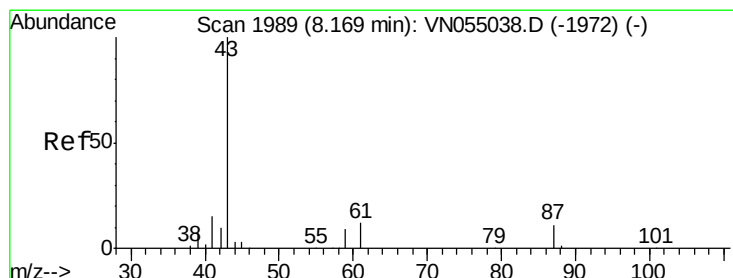
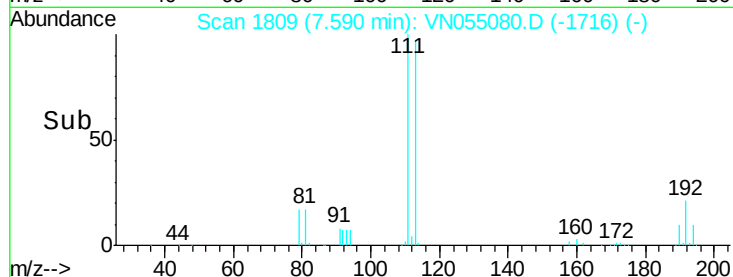
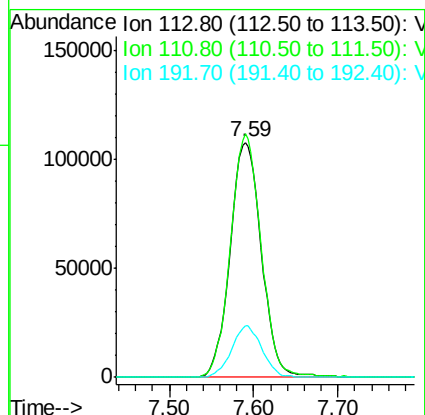
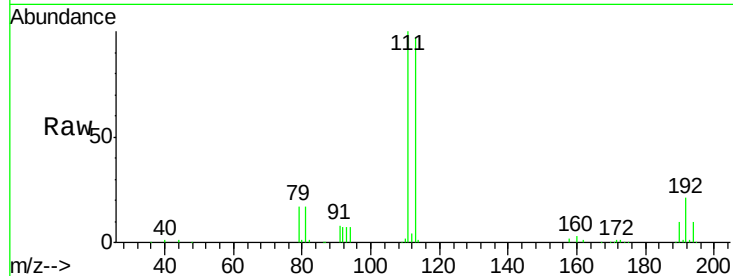




#35
 Dibromofluoromethane
 Concen: 48.543 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055080.D
 Acq: 16 Apr 2019 16:00

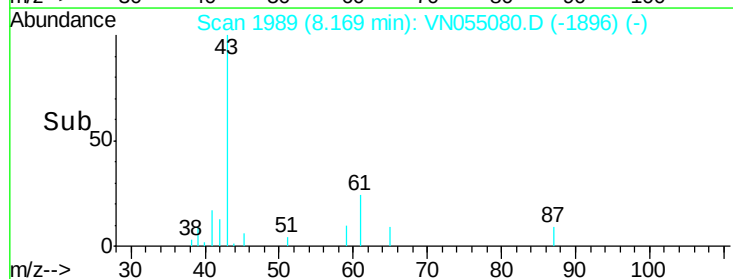
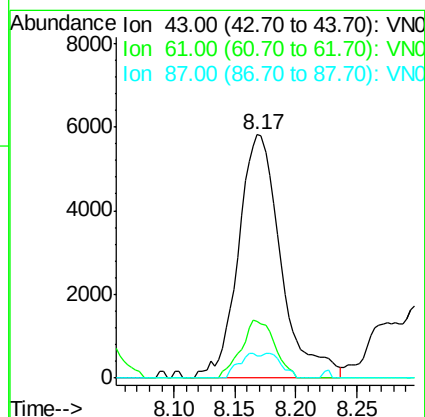
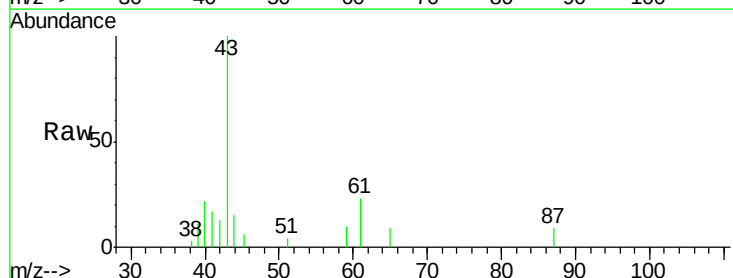
Instrument :
 MSVOA_N
 ClientSampled :
 TP3-S

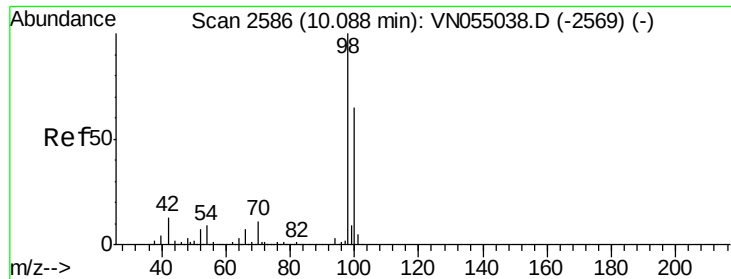
Tot Ion:113 Resp: 278420
 Ion Ratio Lower Upper
 113 100
 111 101.1 82.1 123.1
 192 21.3 16.5 24.7



#43
 Isopropyl Acetate
 Concen: 1.378 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN055080.D
 Acq: 16 Apr 2019 16:00

Tgt Ion: 43 Resp: 13989
 Ion Ratio Lower Upper
 43 100
 61 18.6 14.3 21.5
 87 4.7 8.6 13.0#





#50

Toluene-d8

Concen: 49.907 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN055080.D

Acq: 16 Apr 2019 16:00

Instrument :

MSVOA_N

ClientSampleId :

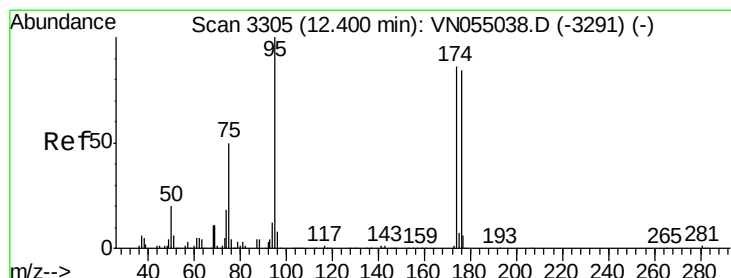
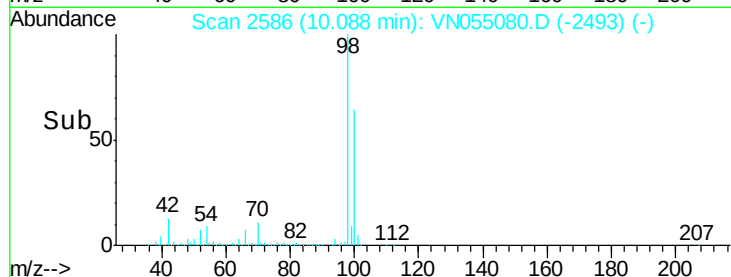
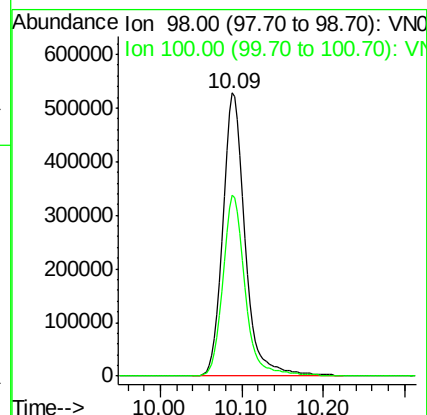
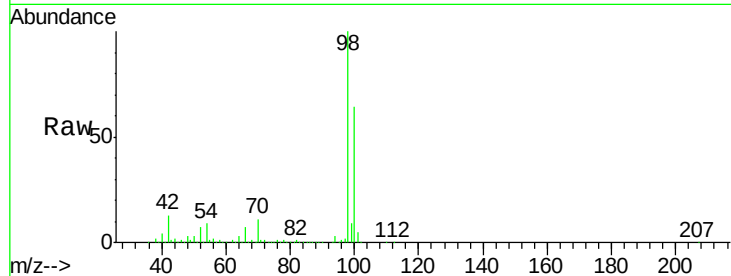
TP3-S

Tot Ion: 98 Resp: 1024499

Ion Ratio Lower Upper

98 100

100 64.0 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 45.372 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055080.D

Acq: 16 Apr 2019 16:00

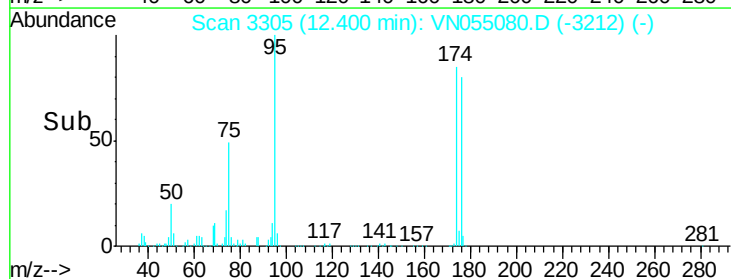
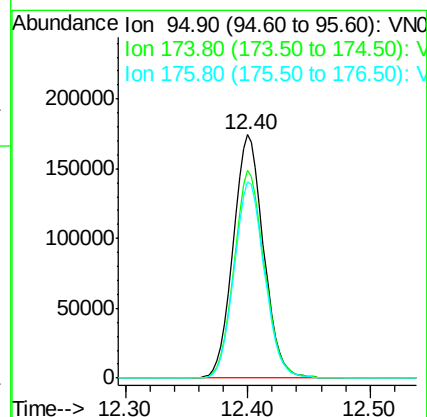
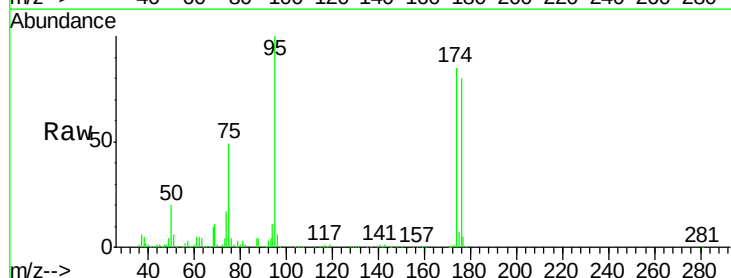
Tgt Ion: 95 Resp: 302799

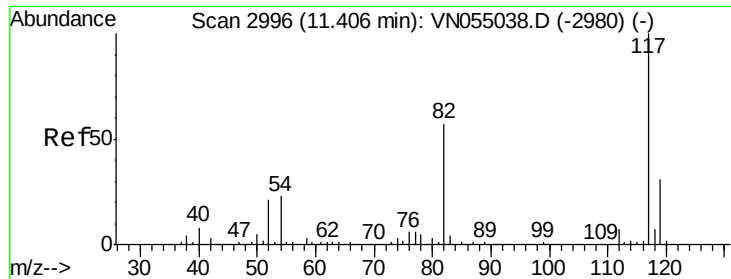
Ion Ratio Lower Upper

95 100

174 85.1 0.0 174.4

176 80.5 0.0 166.8

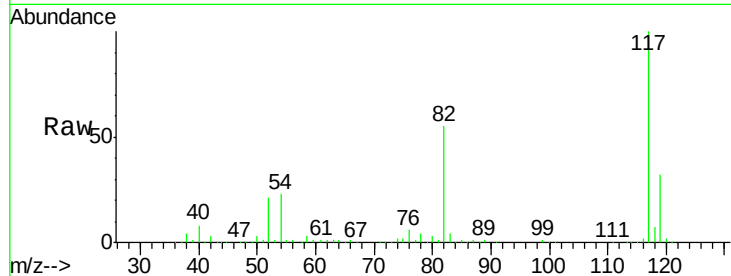




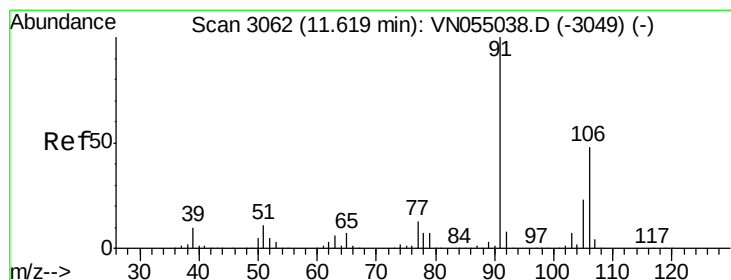
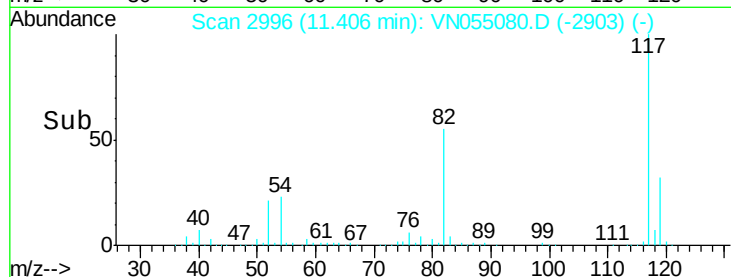
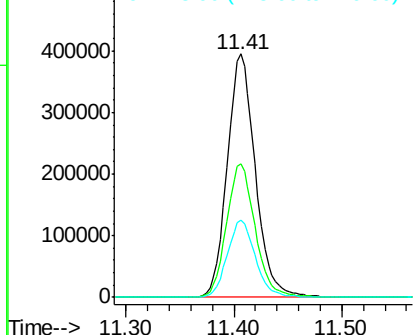
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055080.D
Acq: 16 Apr 2019 16:00

Instrument :
MSVOA_N
ClientSampleId :
TP3-S

Tot Ion:117 Resp: 718821
Ion Ratio Lower Upper
117 100
82 54.8 44.6 66.8
119 31.8 25.5 38.3

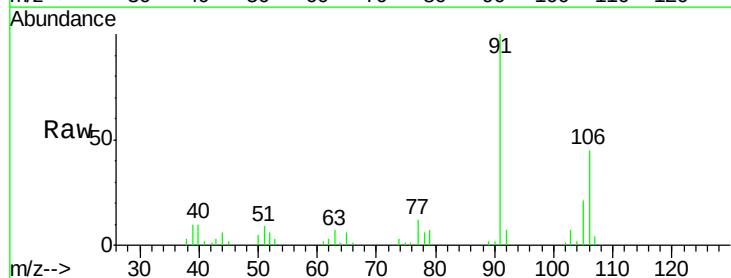


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

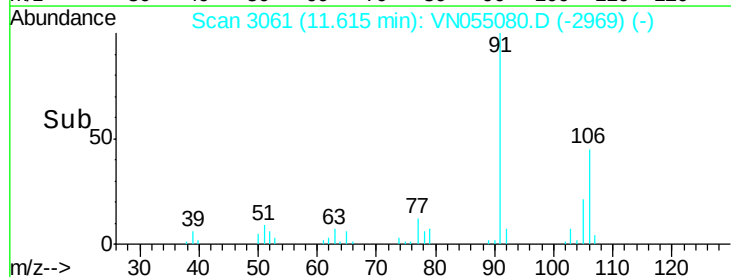
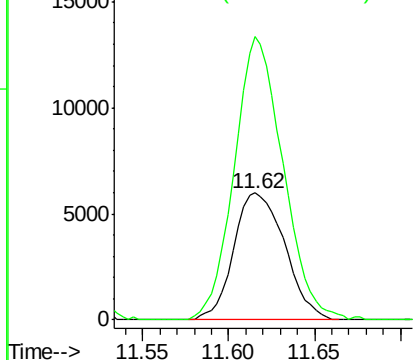


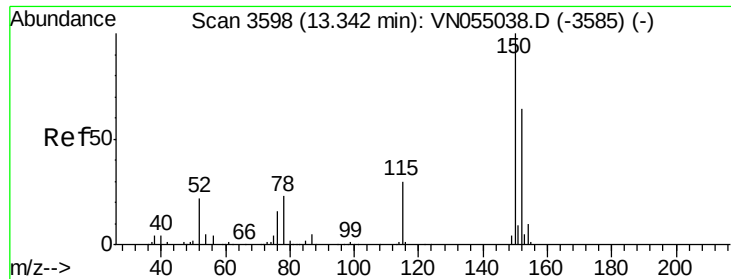
#68
m/p-Xylenes
Concen: 1.325 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN055080.D
Acq: 16 Apr 2019 16:00

Tgt Ion:106 Resp: 12394
Ion Ratio Lower Upper
106 100
91 212.1 165.9 248.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN



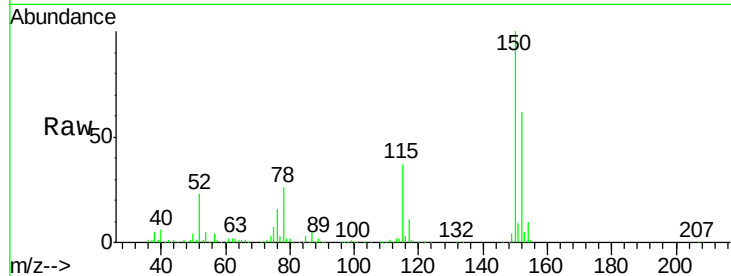


#72

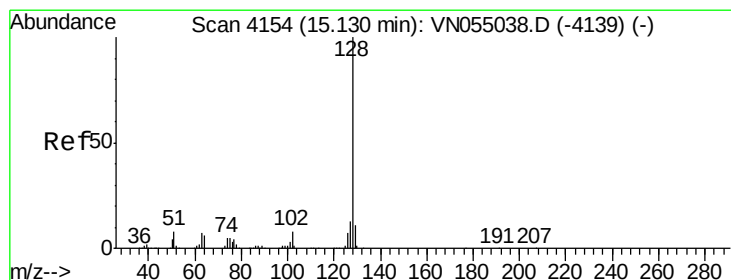
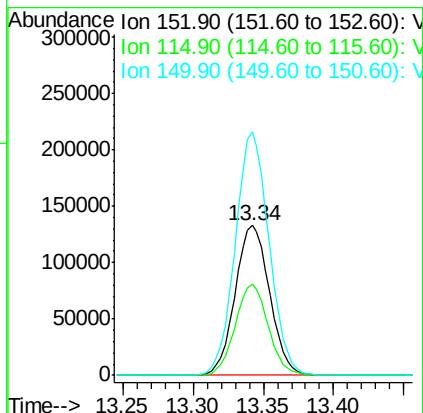
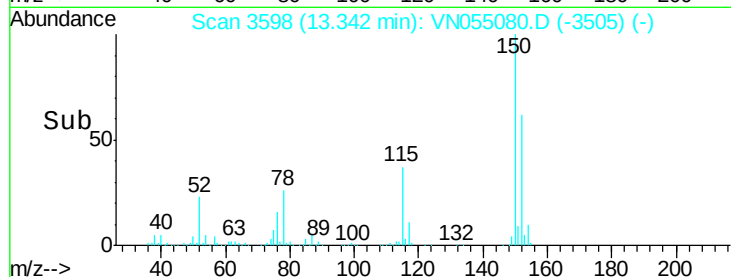
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055080.D
Acq: 16 Apr 2019 16:00

Instrument :
MSVOA_N
ClientSampled :
TP3-S

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.3	28.5	85.6
150	159.4	0.0	347.2



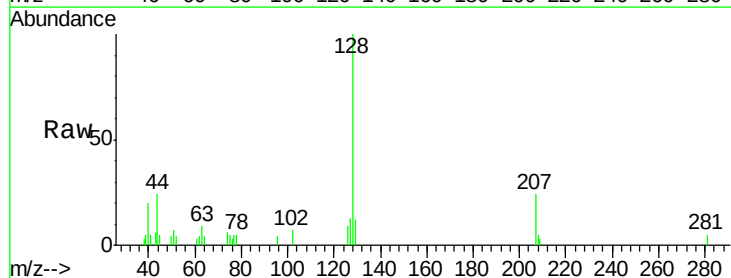
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 4.088 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN055080.D
Acq: 16 Apr 2019 16:00

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.1	15.1
129	10.6	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

