

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN080418\
 Data File : VN050369.D
 Acq On : 4 Aug 2018 16:11
 Operator : MD\SY
 Sample : J4356-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11

Quant Time: Aug 13 05:58:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	688989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1086188	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	956918	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	409635	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	469742	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
35) Dibromofluoromethane	7.59	113	416834	47.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.00%	
50) Toluene-d8	10.09	98	1525827	46.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.60%	
62) 4-Bromofluorobenzene	12.40	95	462149	43.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.10%	

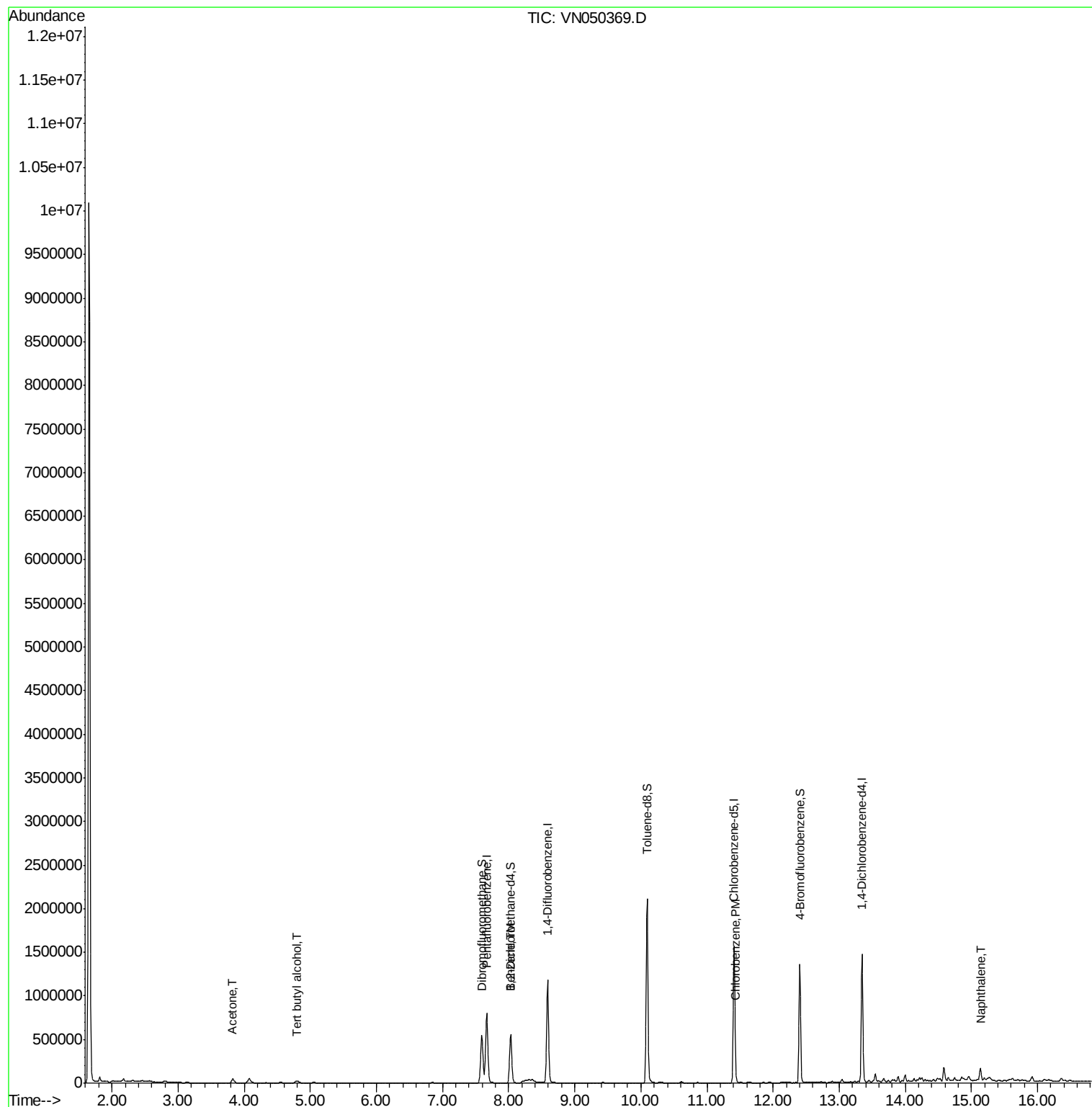
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.80	59	44190	62.48	ug/l	97
16) Acetone	3.82	43	82400	32.61	ug/l	98
40) Benzene	8.04	78	13836	0.37	ug/l #	89
65) Chlorobenzene	11.44	112	15378	0.64	ug/l	96
95) Naphthalene	15.14	128	122627	10.39	ug/l	98

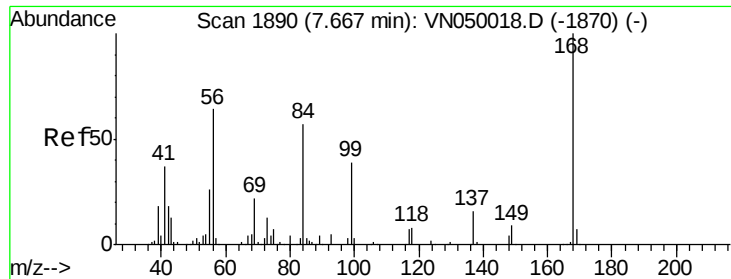
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050369.D

Acq: 4 Aug 2018 16:11

Instrument :

MSVOA_N

ClientSampled :

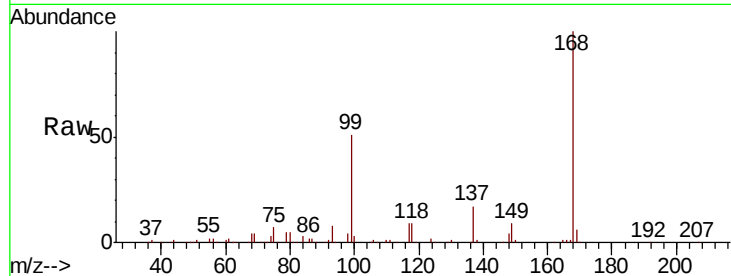
MW-11

Tot Ion:168 Resp: 688989

Ion Ratio Lower Upper

168 100

99 50.8 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

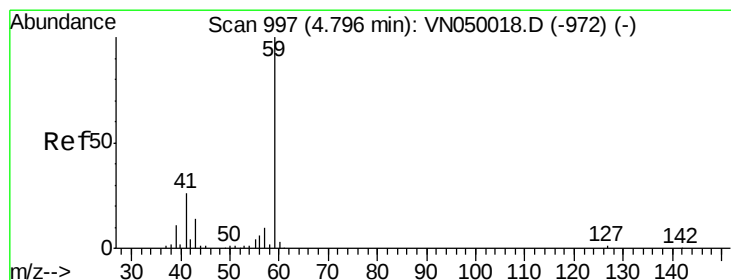
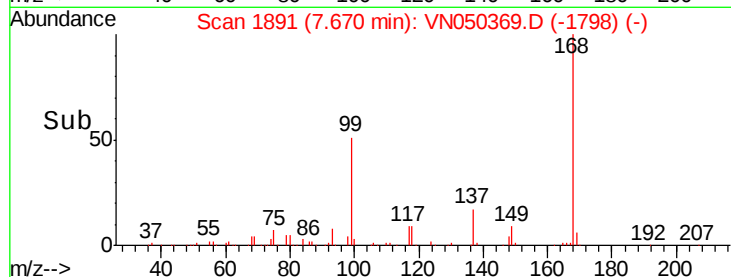
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 62.48 ug/l

RT: 4.80 min Scan# 998

Delta R.T. -0.01 min

Lab File: VN050369.D

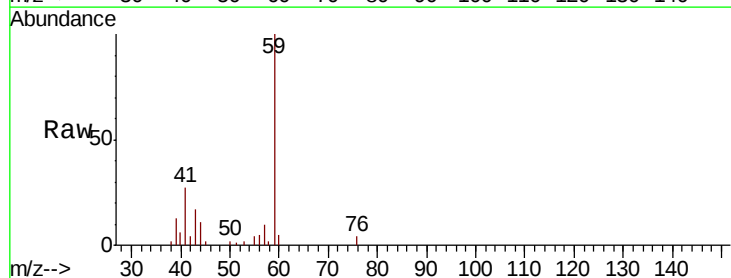
Acq: 4 Aug 2018 16:11

Tgt Ion: 59 Resp: 44190

Ion Ratio Lower Upper

59 100

57 9.7 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

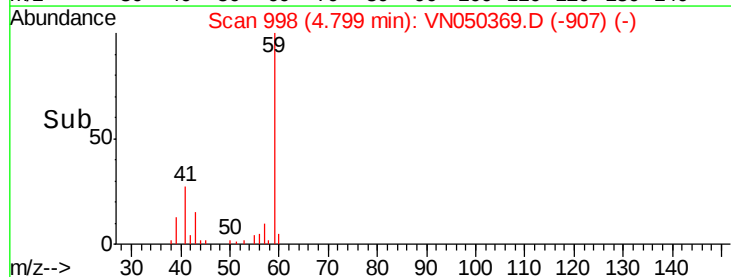
4.80

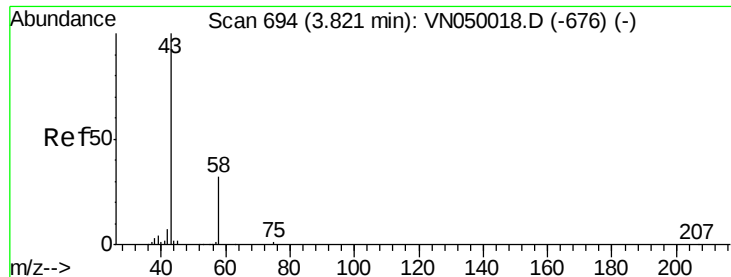
10000

5000

0

Time-->





#16

Acetone

Concen: 32.61 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050369.D

Acq: 4 Aug 2018 16:11

Instrument :

MSVOA_N

ClientSampleId :

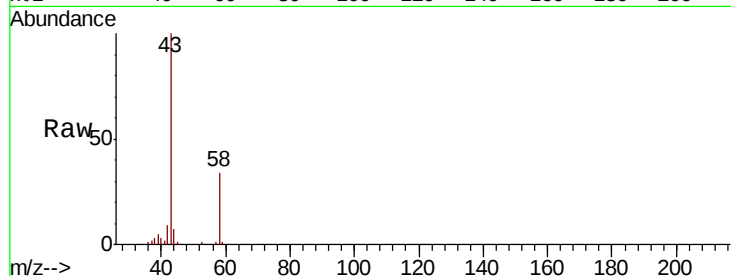
MW-11

Tot Ion: 43 Resp: 82400

Ion Ratio Lower Upper

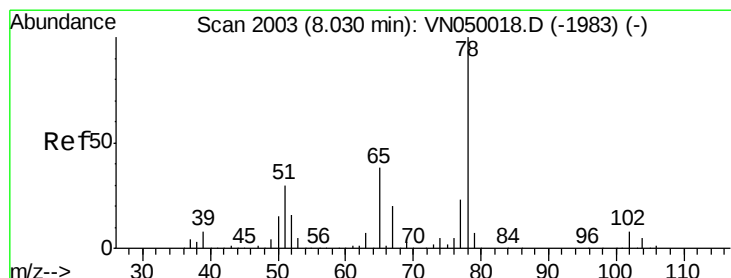
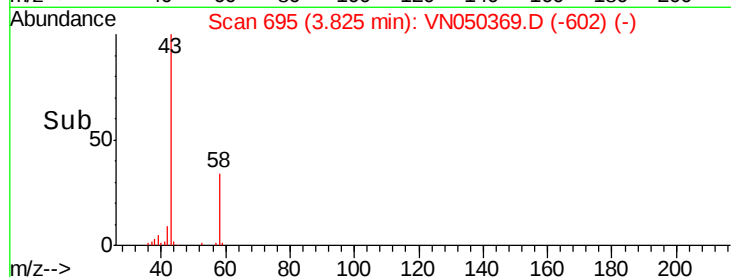
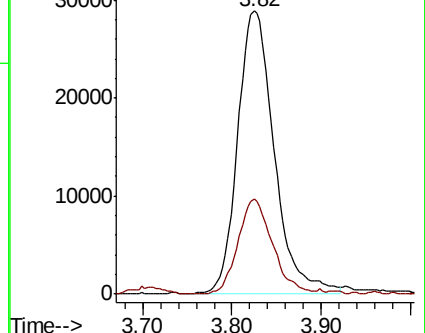
43 100

58 33.5 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN050018.D (-676) (-)



#33

1,2-Dichloroethane-d4

Concen: 48.87 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050369.D

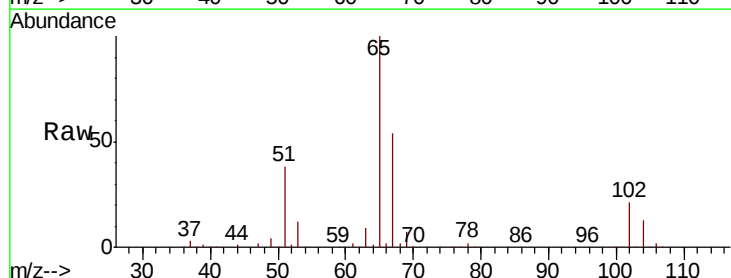
Acq: 4 Aug 2018 16:11

Tgt Ion: 65 Resp: 469742

Ion Ratio Lower Upper

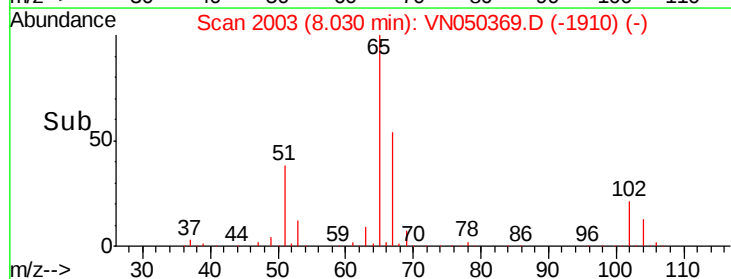
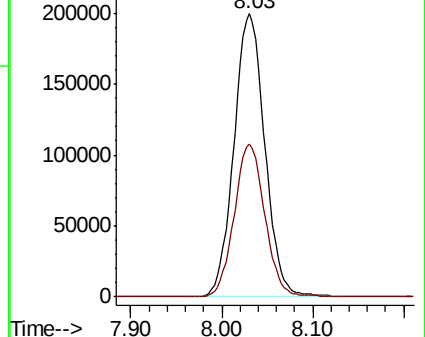
65 100

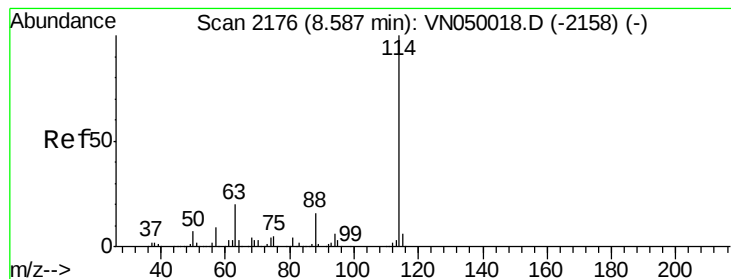
67 53.8 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN050018.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN050018.D (-1983) (-)





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050369.D

Acq: 4 Aug 2018 16:11

Instrument :

MSVOA_N

ClientSampleId :

MW-11

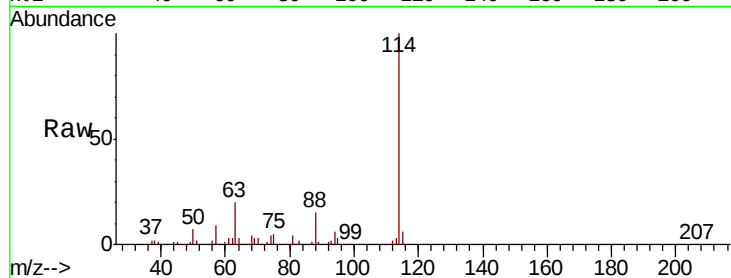
Tot Ion:114 Resp: 1086188

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.0

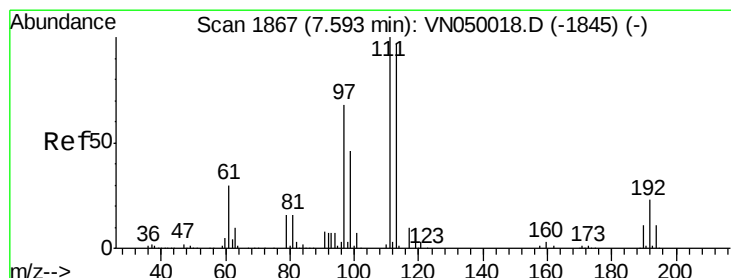
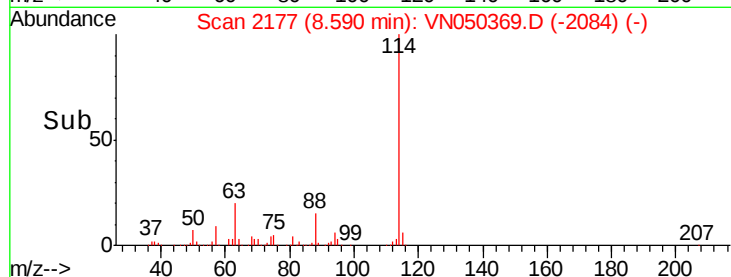
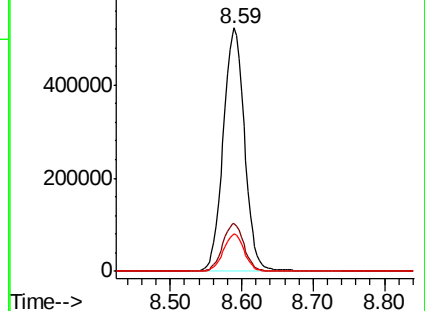
88 15.4 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 47.00 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN050369.D

Acq: 4 Aug 2018 16:11

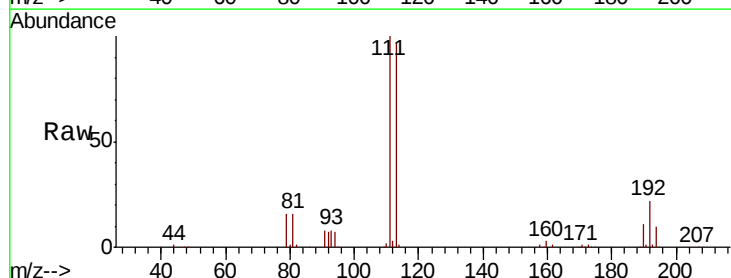
Tgt Ion:113 Resp: 416834

Ion Ratio Lower Upper

113 100

111 102.5 80.7 121.1

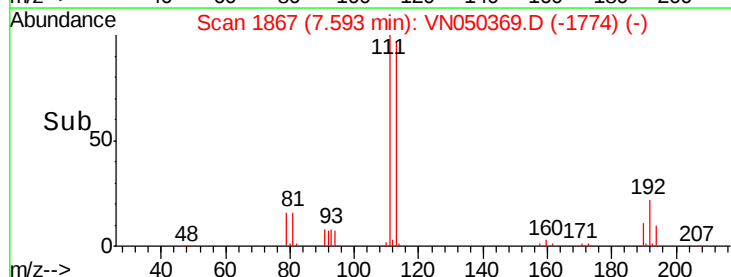
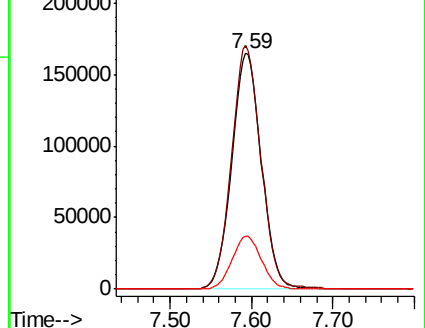
192 22.3 17.8 26.6

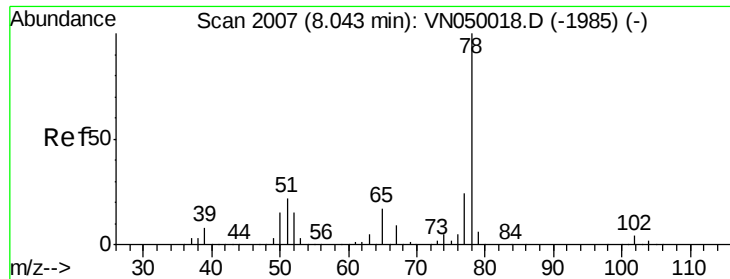


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.37 ug/l

RT: 8.04 min Scan# 2007

Delta R.T. 0.00 min

Lab File: VN050369.D

Acq: 4 Aug 2018 16:11

Instrument :

MSVOA_N

ClientSampleId :

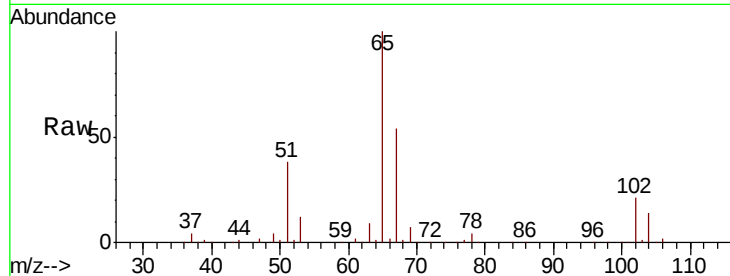
MW-11

Tot Ion: 78 Resp: 13836

Ion Ratio Lower Upper

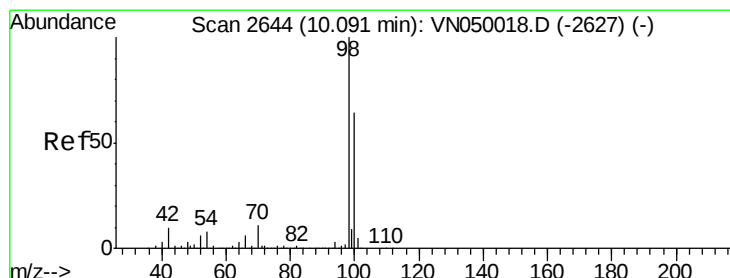
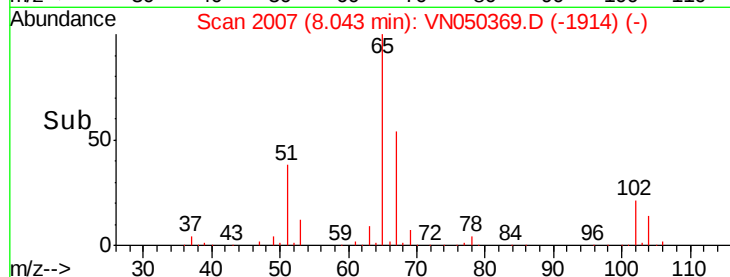
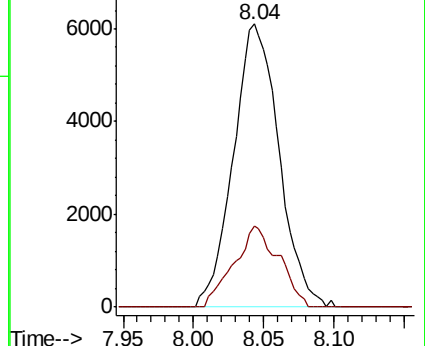
78 100

77 28.7 18.7 28.1#



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#50

Toluene-d8

Concen: 46.80 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050369.D

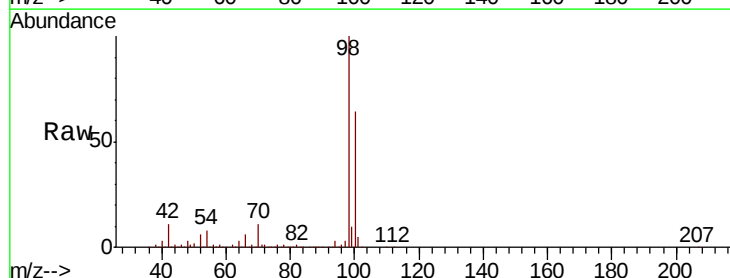
Acq: 4 Aug 2018 16:11

Tgt Ion: 98 Resp: 1525827

Ion Ratio Lower Upper

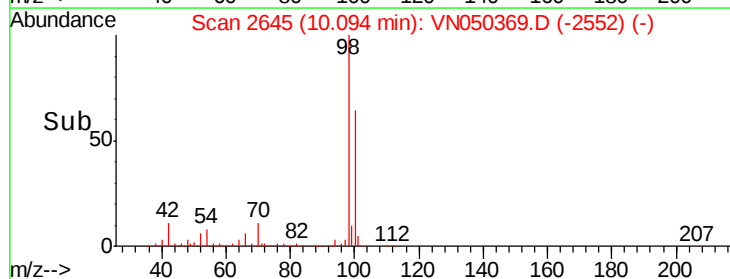
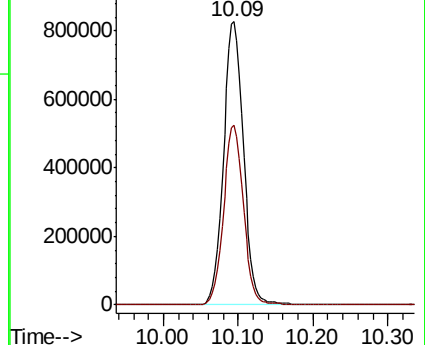
98 100

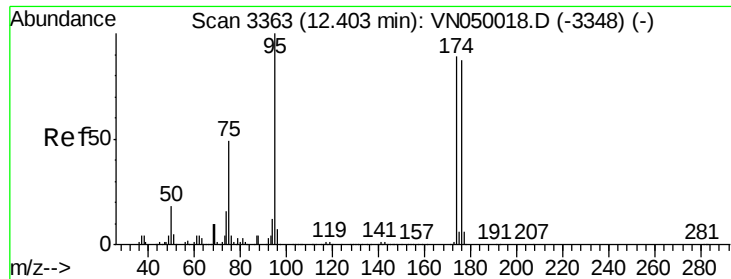
100 63.0 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

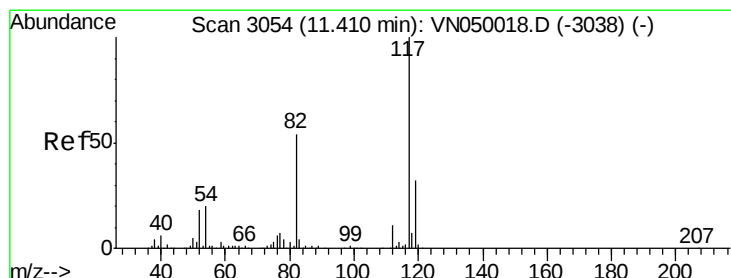
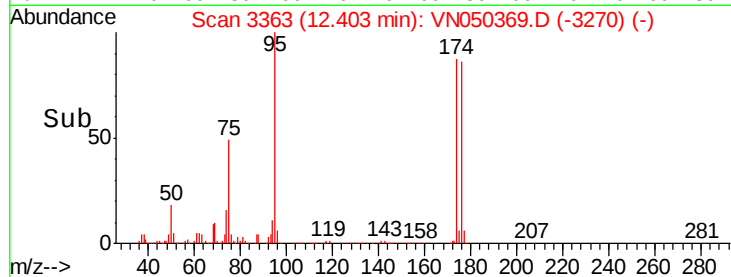
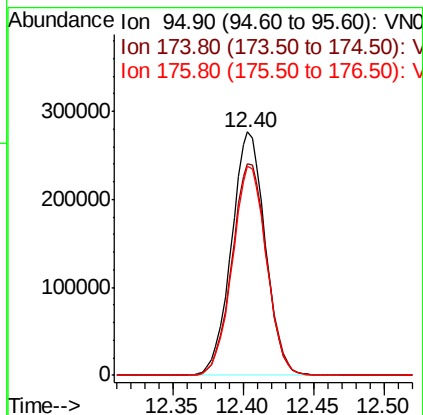
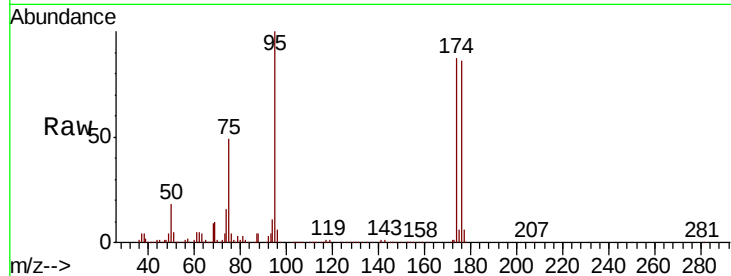




#62
 4-Bromofluorobenzene
 Concen: 43.05 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN050369.D
 Acq: 4 Aug 2018 16:11

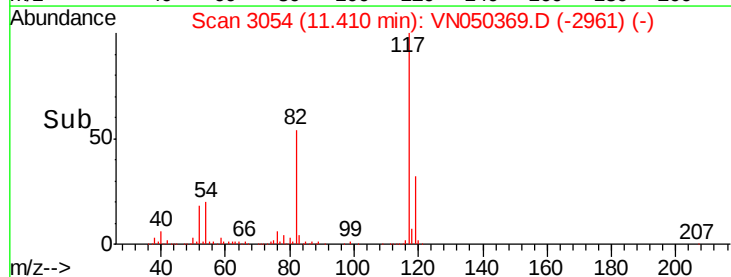
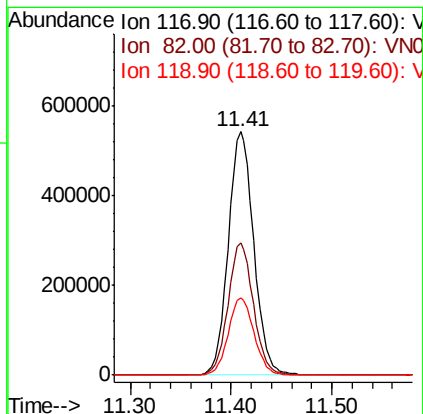
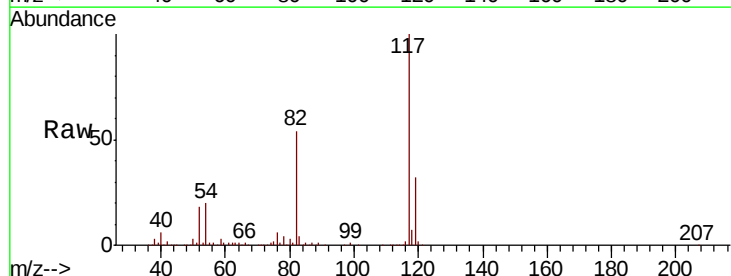
Instrument :
 MSVOA_N
 ClientSampled :
 MW-11

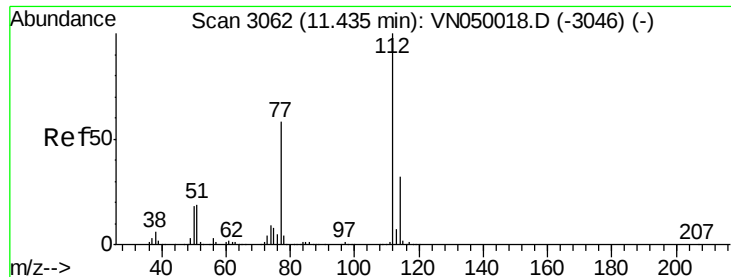
Tot Ion: 95 Resp: 462149
 Ion Ratio Lower Upper
 95 100
 174 89.6 0.0 178.2
 176 86.6 0.0 173.4



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.41 min Scan# 3054
 Delta R.T. 0.00 min
 Lab File: VN050369.D
 Acq: 4 Aug 2018 16:11

Tgt Ion: 117 Resp: 956918
 Ion Ratio Lower Upper
 117 100
 82 54.2 43.7 65.5
 119 31.9 26.1 39.1

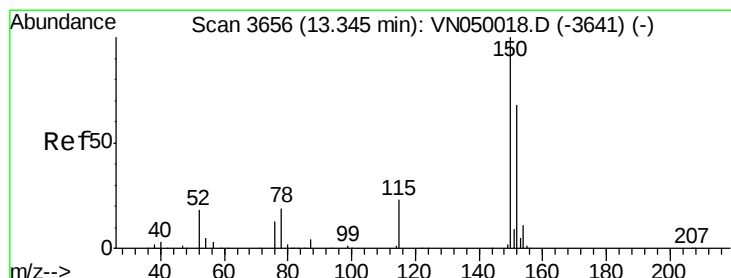
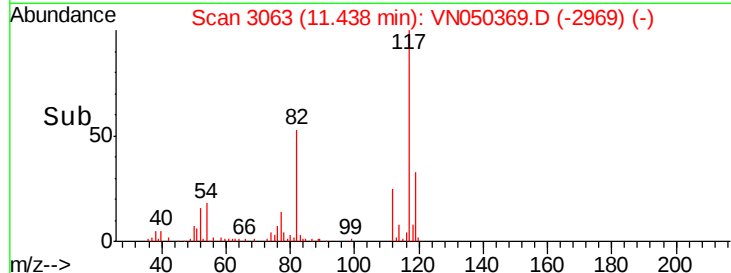
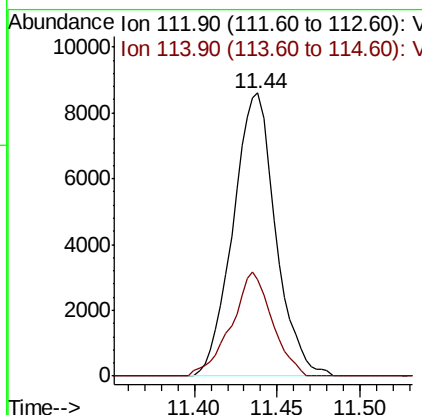
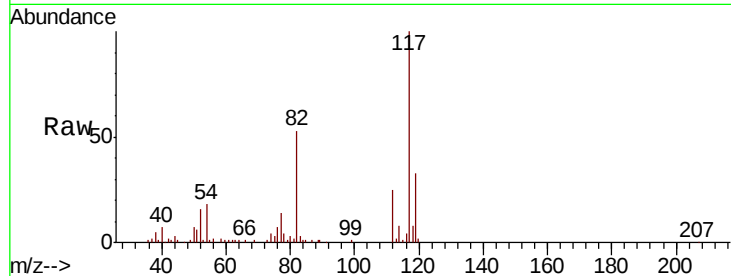




#65
Chlorobenzene
Concen: 0.64 ug/l
RT: 11.44 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN050369.D
Acq: 4 Aug 2018 16:11

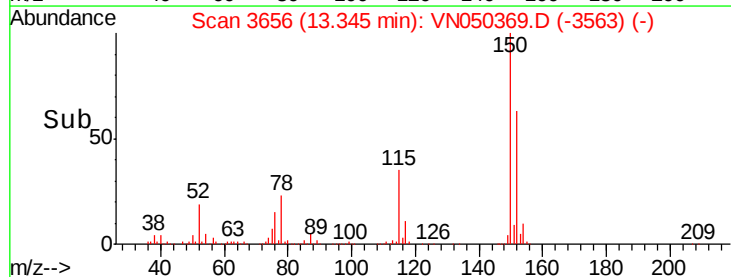
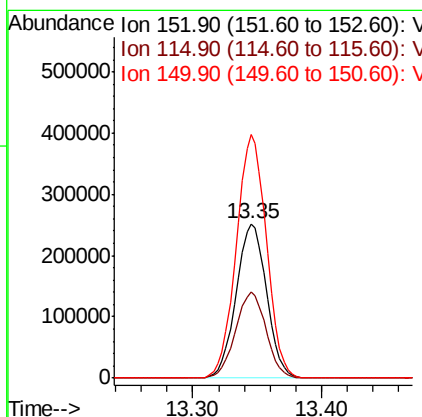
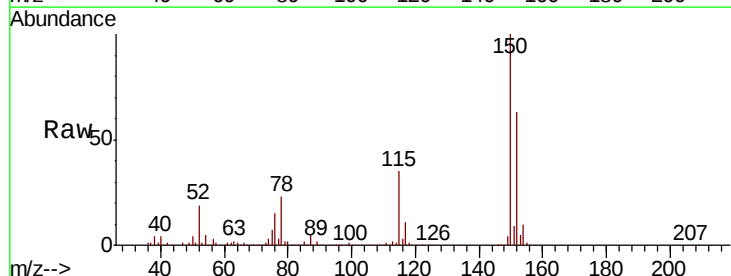
Instrument :
MSVOA_N
ClientSampled :
MW-11

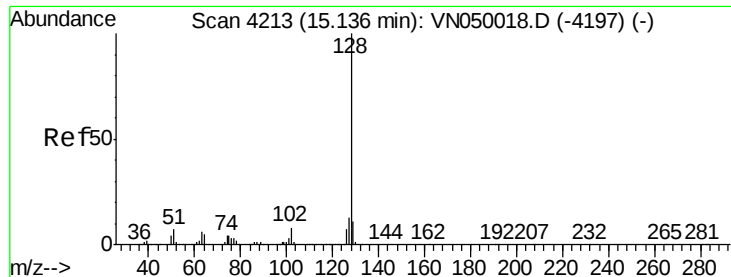
Tot Ion:112 Resp: 15378
Ion Ratio Lower Upper
112 100
114 34.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050369.D
Acq: 4 Aug 2018 16:11

Tgt Ion:152 Resp: 409635
Ion Ratio Lower Upper
152 100
115 56.2 27.8 83.3
150 157.1 0.0 348.6

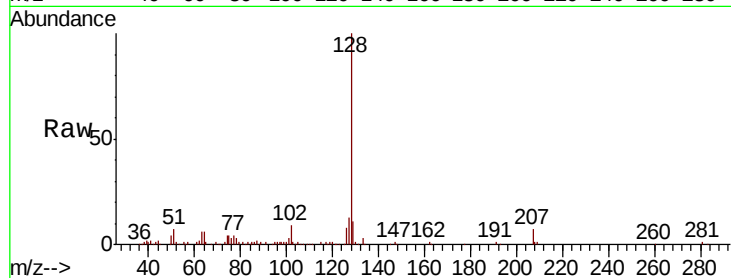




#95
Naphthalene
Concen: 10.39 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050369.D
Acq: 4 Aug 2018 16:11

Instrument :
MSVOA_N
ClientSampleId :
MW-11

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.4	15.6
129	10.1	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

