

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN092115\
 Data File : VN027362.D
 Acq On : 22 Sep 2015 6:39
 Operator : MD\FY
 Sample : G3754-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-9B

Quant Time: Sep 22 08:22:33 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 21 13:12:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	712561	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1285285	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1098668	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	397142	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) 1,2-Dichloroethane-d4	8.12	65	758916	54.41	ug/l	0.00
Spiked Amount			Recovery	=	108.82%	
36) Dibromofluoromethane	7.68	113	465620	55.52	ug/l	0.00
Spiked Amount			Recovery	=	111.04%	
51) Toluene-d8	10.19	98	1895776	58.47	ug/l	0.00
Spiked Amount			Recovery	=	116.94%	
63) 4-Bromofluorobenzene	12.52	95	655348	55.64	ug/l	0.00
Spiked Amount			Recovery	=	111.28%	

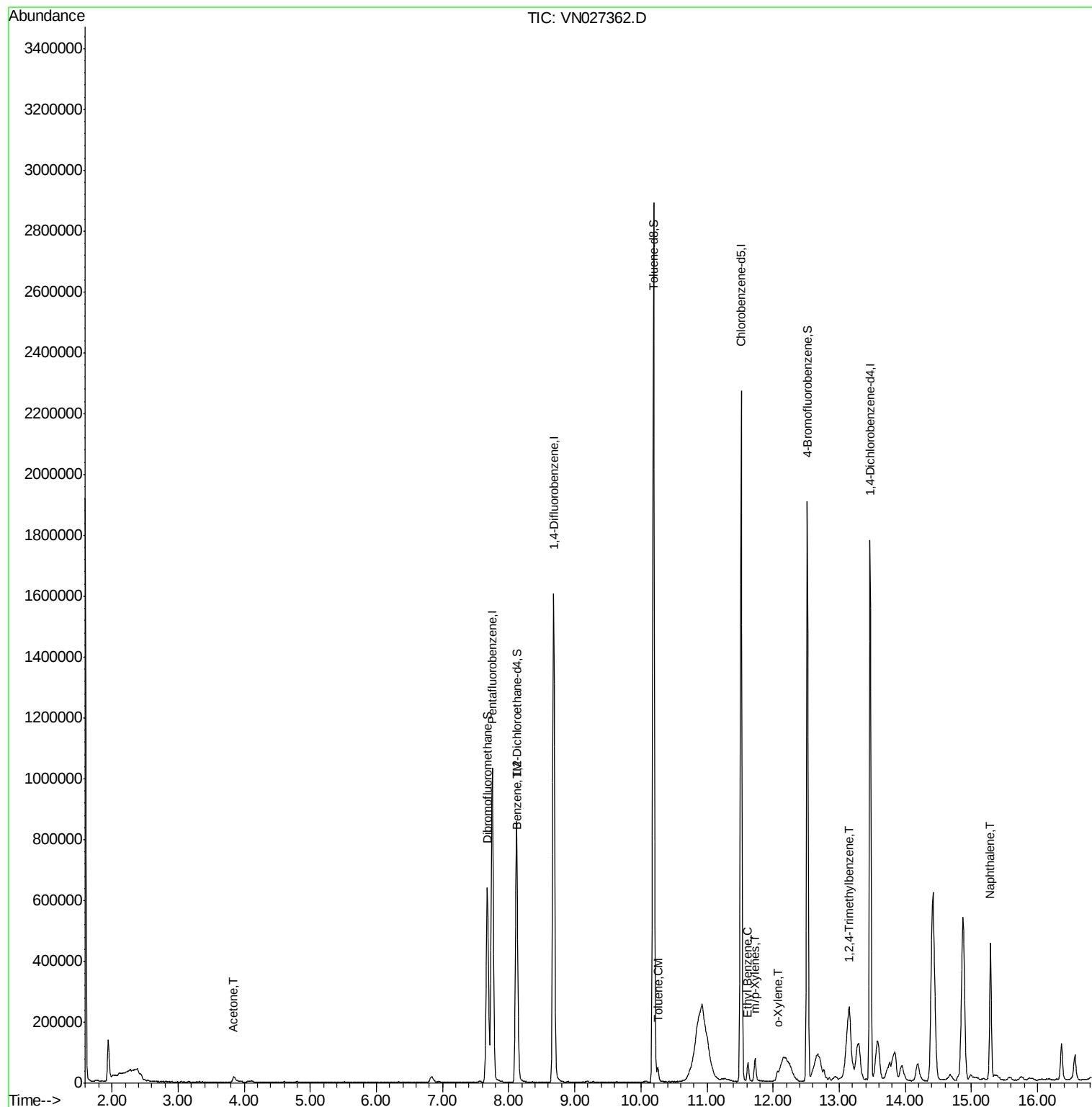
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
17) Acetone	3.84	43	35831	9.44	ug/l	96
41) Benzene	8.14	78	11443	0.28	ug/l	# 90
53) Toluene	10.26	92	16541	0.70	ug/l	98
68) Ethyl Benzene	11.62	91	43386	0.98	ug/l	98
69) m/p-Xylenes	11.72	106	21669	1.41	ug/l	92
70) o-Xylene	12.06	106	5114	0.33	ug/l	95
85) 1,2,4-Trimethylbenzene	13.16	105	13944	0.44	ug/l	98
96) Naphthalene	15.29	128	351438	19.09	ug/l	99

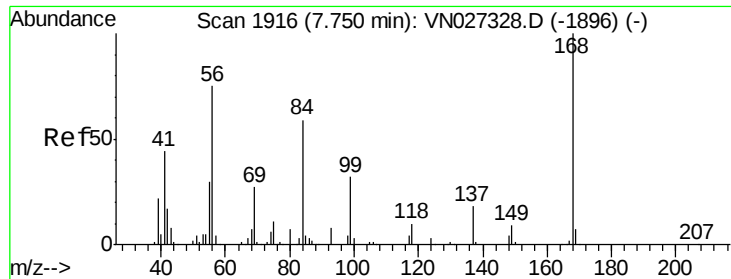
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Sep 21 13:12:32 2015
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VN027362.D

Acq: 22 Sep 2015 6:39

Instrument :

MSVOA_N

ClientSampleId :

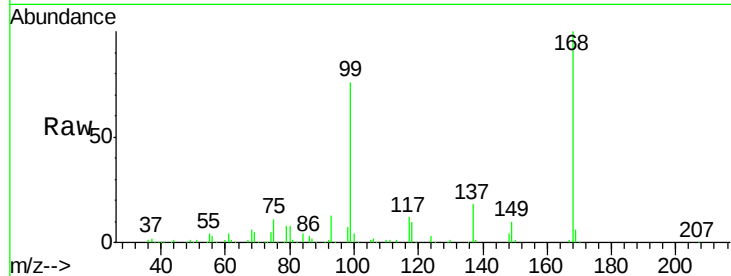
MW-9B

Tot Ion:168 Resp: 712561

Ion Ratio Lower Upper

168 100

99 76.4 50.4 75.6#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.75

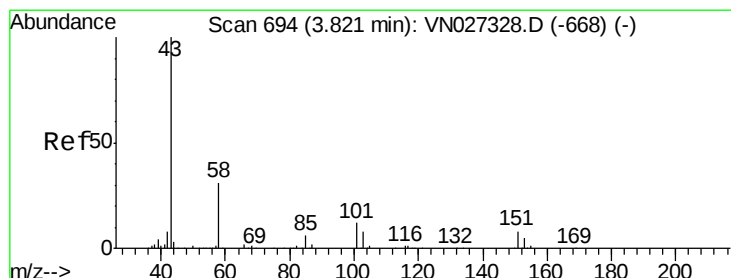
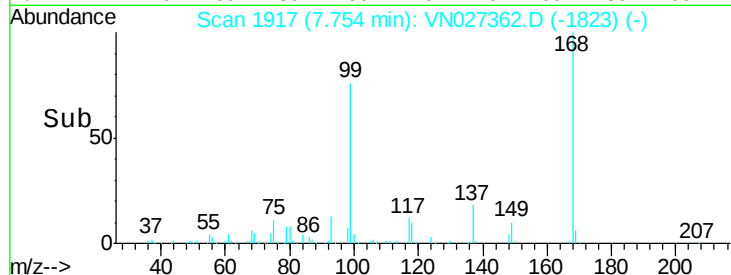
300000

200000

100000

0

Time-->



#17

Acetone

Concen: 9.44 ug/l

RT: 3.84 min Scan# 699

Delta R.T. 0.02 min

Lab File: VN027362.D

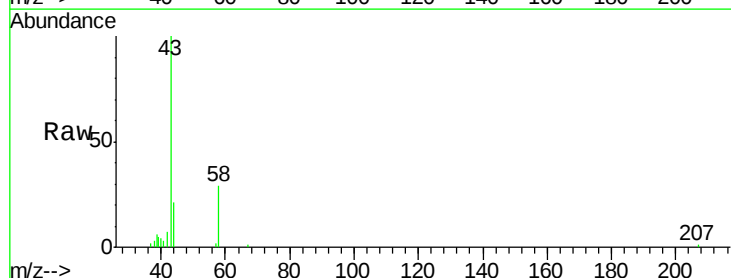
Acq: 22 Sep 2015 6:39

Tgt Ion: 43 Resp: 35831

Ion Ratio Lower Upper

43 100

58 29.5 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.84

12000

10000

8000

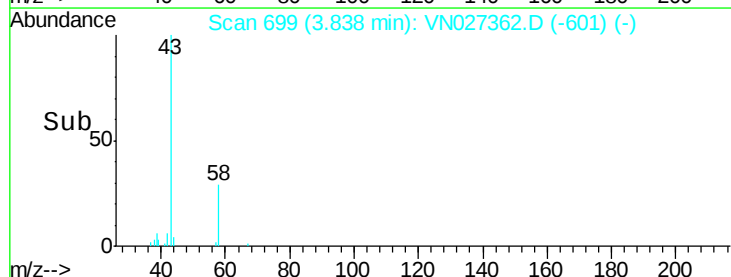
6000

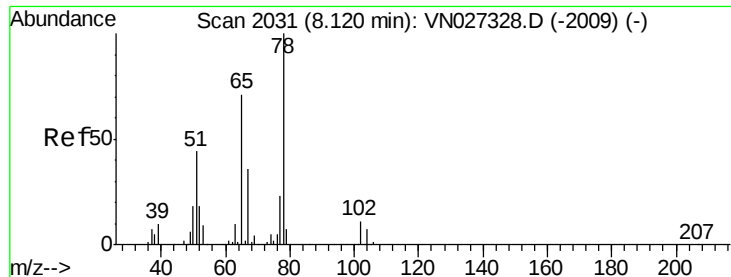
4000

2000

0

Time-->





#34

1,2-Dichloroethane-d4

Concen: 54.41 ug/l

RT: 8.12 min Scan# 2030

Delta R.T. -0.00 min

Lab File: VN027362.D

Acq: 22 Sep 2015 6:39

Instrument :

MSVOA_N

ClientSampled :

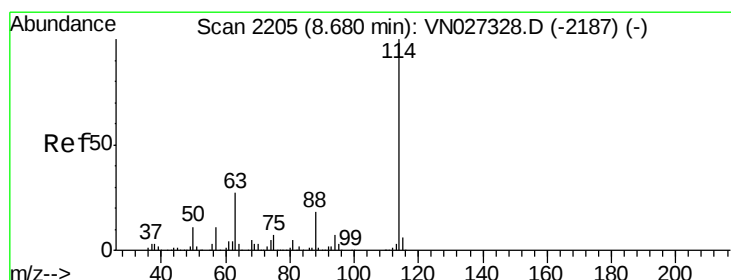
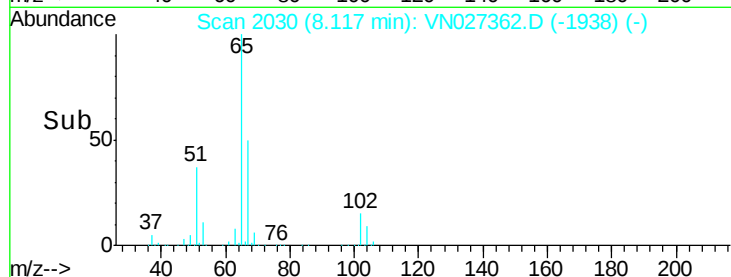
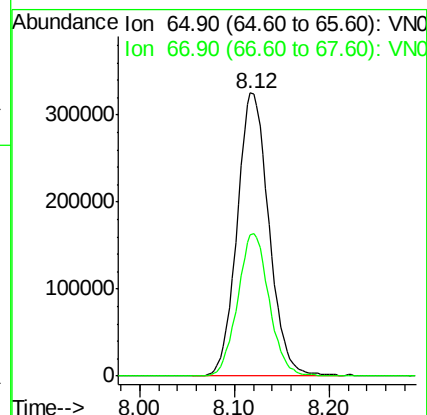
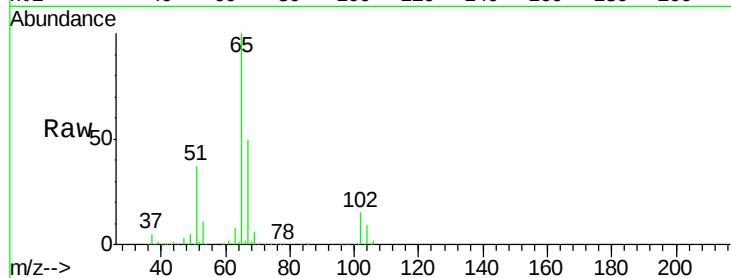
MW-9B

Tot Ion: 65 Resp: 758916

Ion Ratio Lower Upper

65 100

67 49.9 0.0 110.6



#35

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.68 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VN027362.D

Acq: 22 Sep 2015 6:39

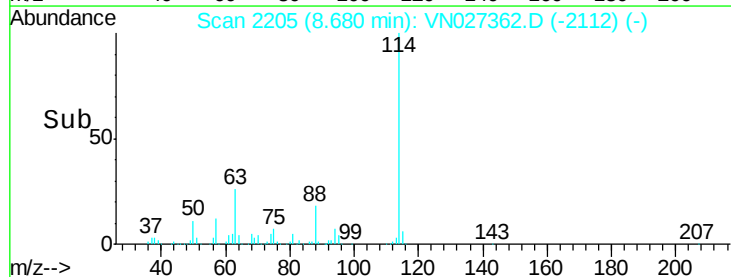
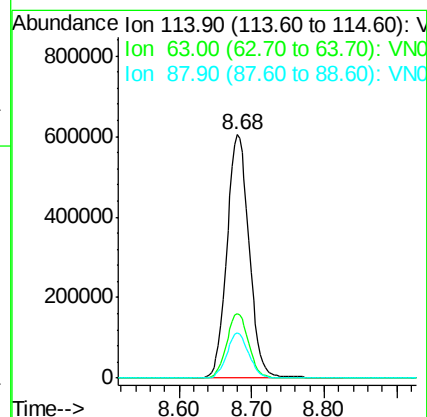
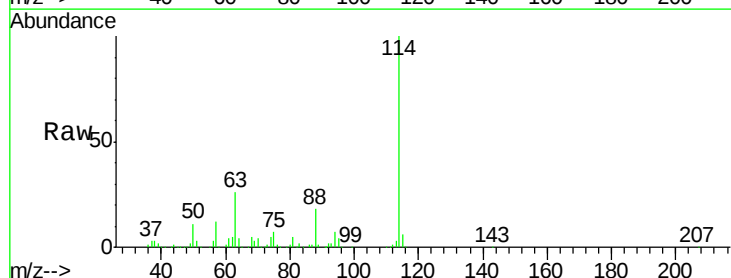
Tgt Ion: 114 Resp: 1285285

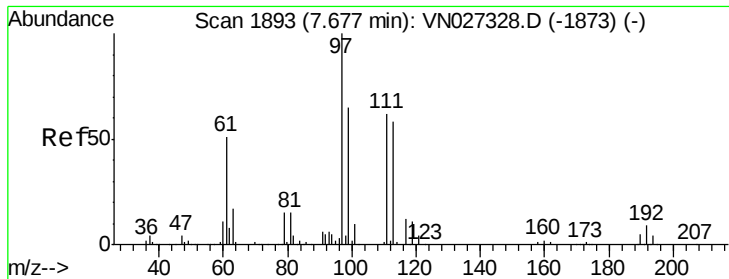
Ion Ratio Lower Upper

114 100

63 26.4 0.0 48.8

88 18.5 0.0 32.2

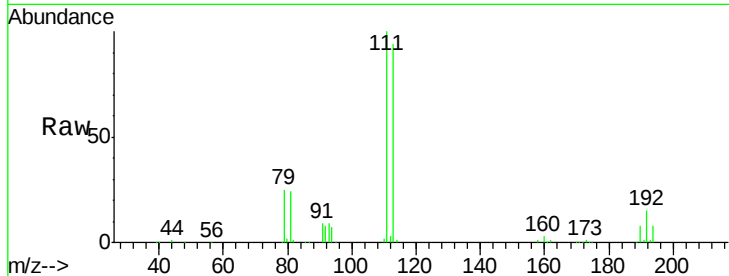




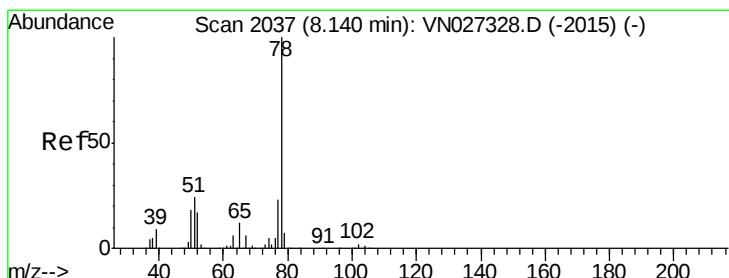
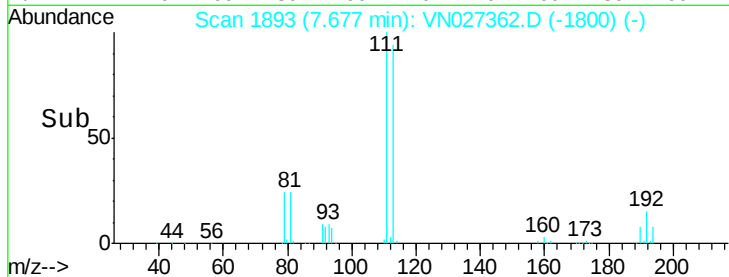
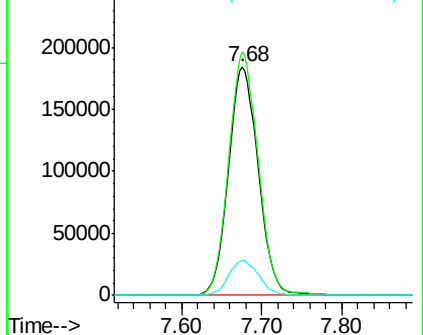
#36
 Dibromofluoromethane
 Concen: 55.52 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027362.D
 Acq: 22 Sep 2015 6:39

Instrument :
 MSVOA_N
 ClientSampled :
 MW-9B

Tot Ion:113 Resp: 465620
 Ion Ratio Lower Upper
 113 100
 111 105.5 83.0 124.4
 192 15.6 14.1 21.1

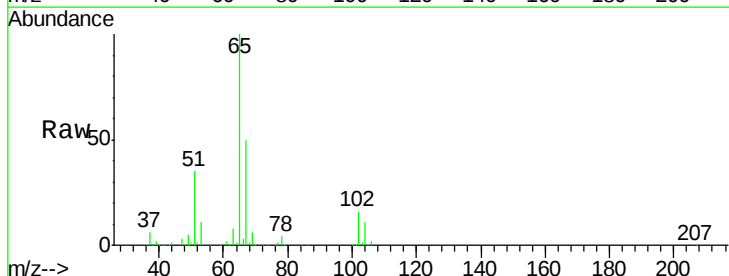


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

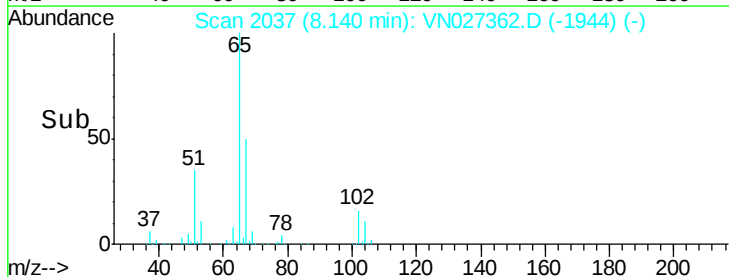
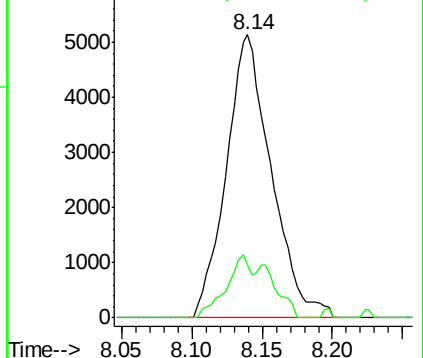


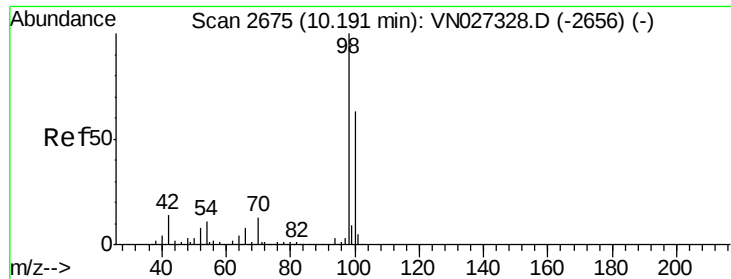
#41
 Benzene
 Concen: 0.28 ug/l
 RT: 8.14 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VN027362.D
 Acq: 22 Sep 2015 6:39

Tgt Ion: 78 Resp: 11443
 Ion Ratio Lower Upper
 78 100
 77 18.9 19.0 28.4#



Abundance Ion 78.00 (77.70 to 78.70): V
 Ion 77.00 (76.70 to 77.70): V





#51

Toluene-d8

Concen: 58.47 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027362.D

Acq: 22 Sep 2015 6:39

Instrument :

MSVOA_N

ClientSampled :

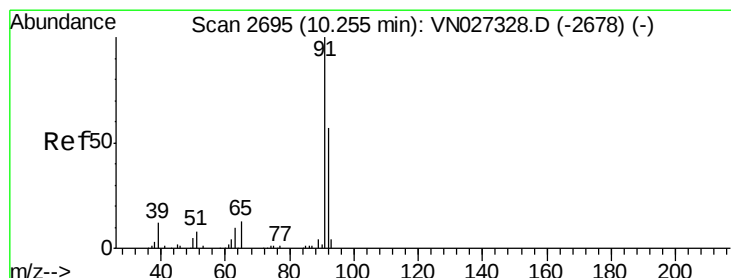
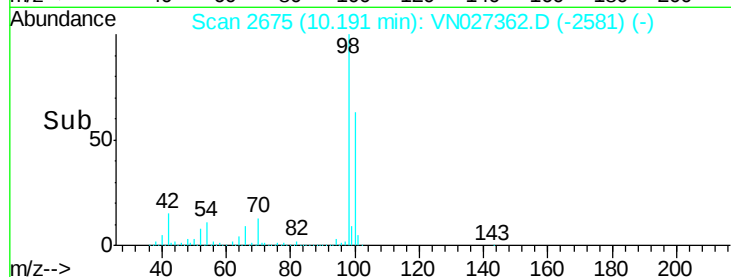
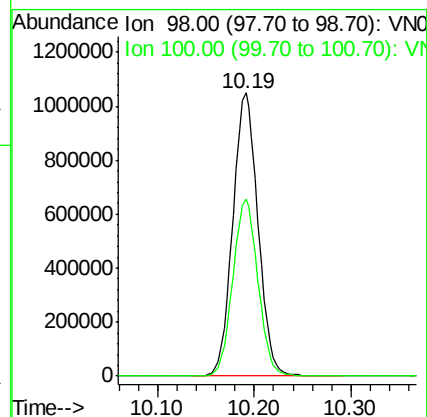
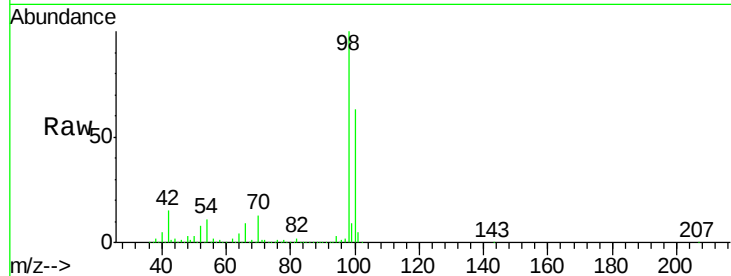
MW-9B

Tot Ion: 98 Resp: 1895776

Ion Ratio Lower Upper

98 100

100 62.5 50.5 75.7



#53

Toluene

Concen: 0.70 ug/l

RT: 10.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VN027362.D

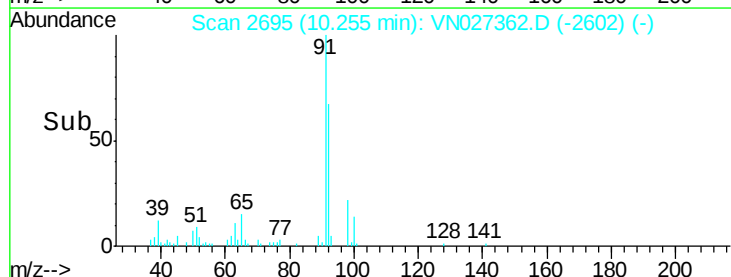
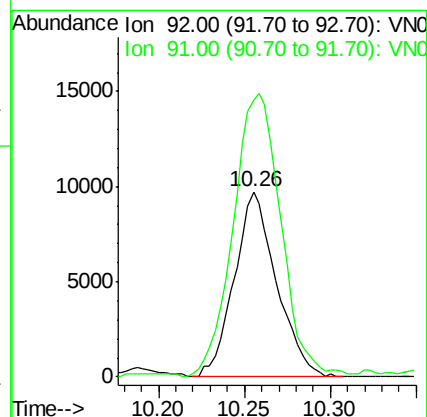
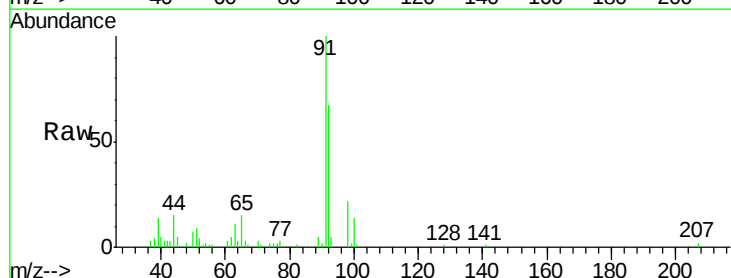
Acq: 22 Sep 2015 6:39

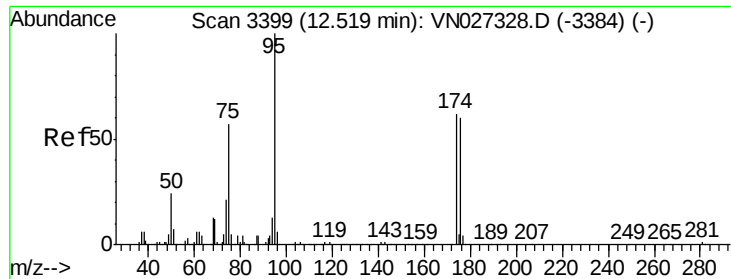
Tgt Ion: 92 Resp: 16541

Ion Ratio Lower Upper

92 100

91 173.7 141.4 212.2

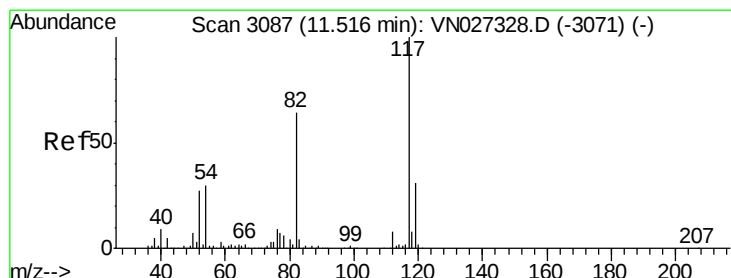
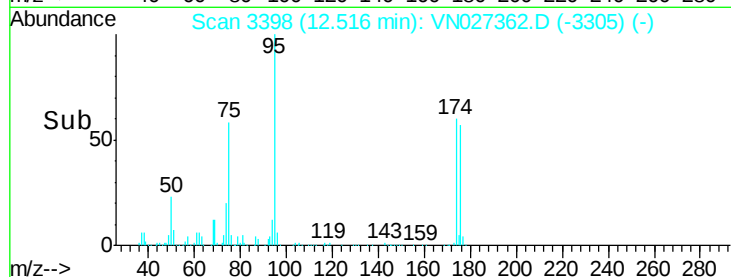
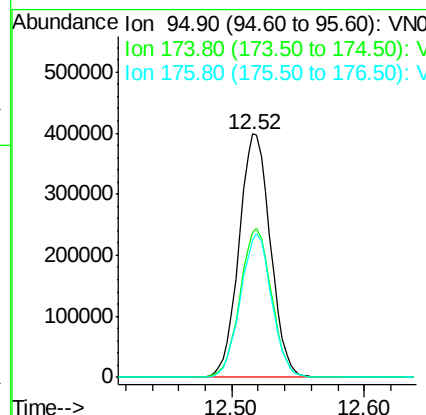
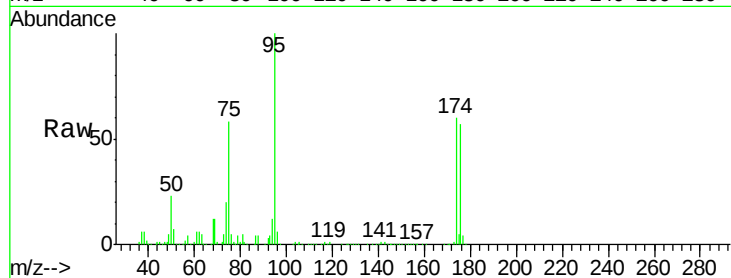




#63
4-Bromofluorobenzene
Concen: 55.64 ug/l
RT: 12.52 min Scan# 3398
Delta R.T. -0.00 min
Lab File: VN027362.D
Acq: 22 Sep 2015 6:39

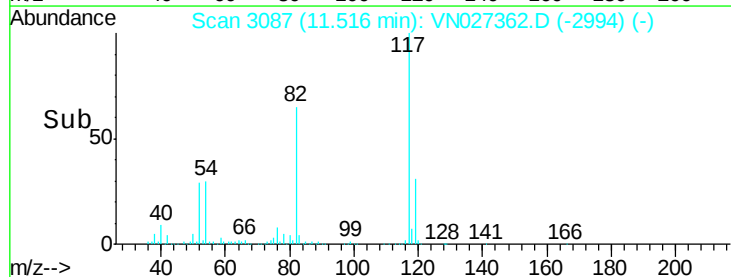
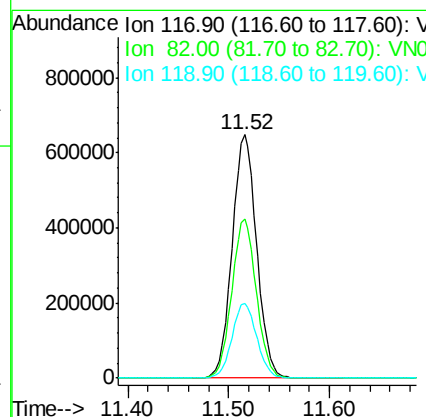
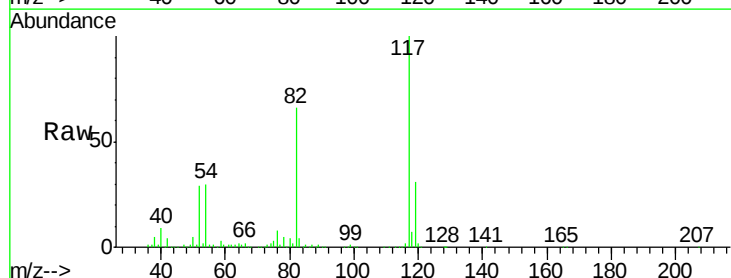
Instrument :
MSVOA_N
ClientSampled :
MW-9B

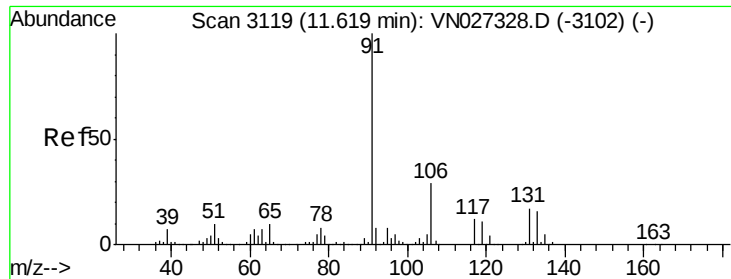
Tot Ion: 95 Resp: 655348
Ion Ratio Lower Upper
95 100
174 61.4 0.0 137.0
176 58.6 0.0 130.8



#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027362.D
Acq: 22 Sep 2015 6:39

Tgt Ion: 117 Resp: 1098668
Ion Ratio Lower Upper
117 100
82 65.5 49.6 74.4
119 30.6 24.6 36.8





#68

Ethyl Benzene

Concen: 0.98 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. 0.00 min

Lab File: VN027362.D

Acq: 22 Sep 2015 6:39

Instrument :

MSVOA_N

ClientSampled :

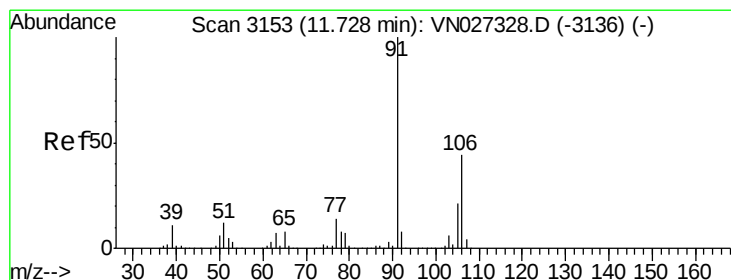
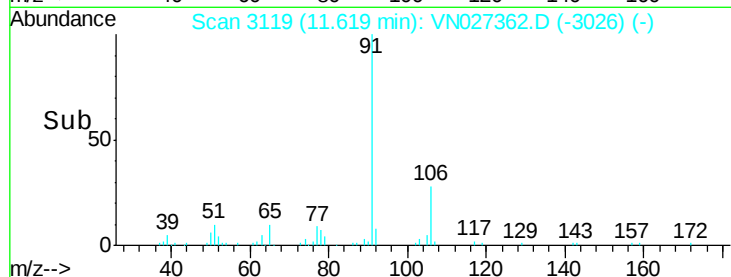
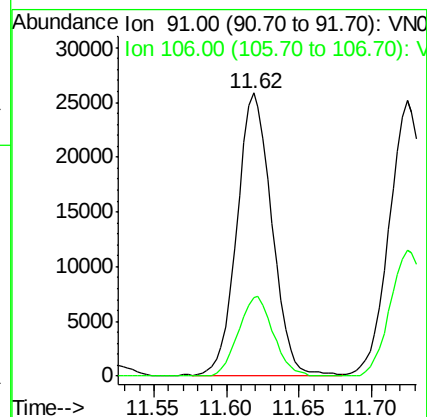
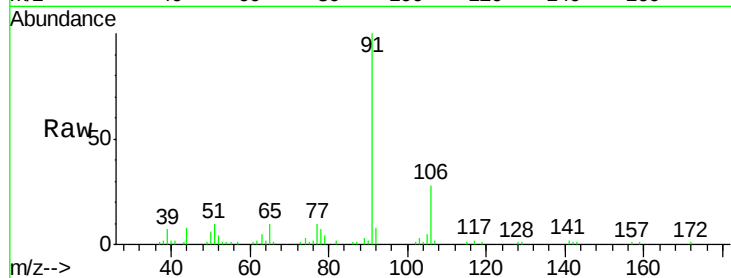
MW-9B

Tot Ion: 91 Resp: 43386

Ion Ratio Lower Upper

91 100

106 27.6 23.1 34.7



#69

m/p-Xylenes

Concen: 1.41 ug/l

RT: 11.72 min Scan# 3152

Delta R.T. -0.00 min

Lab File: VN027362.D

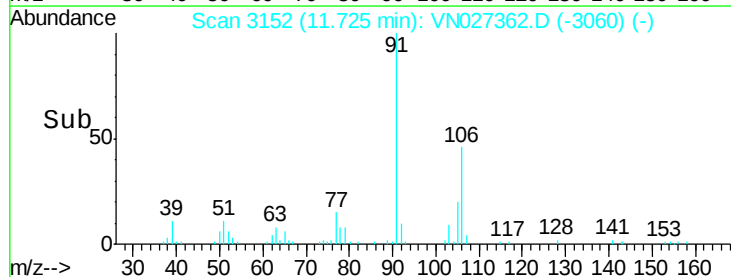
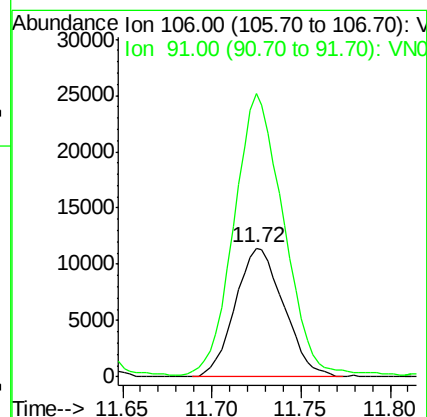
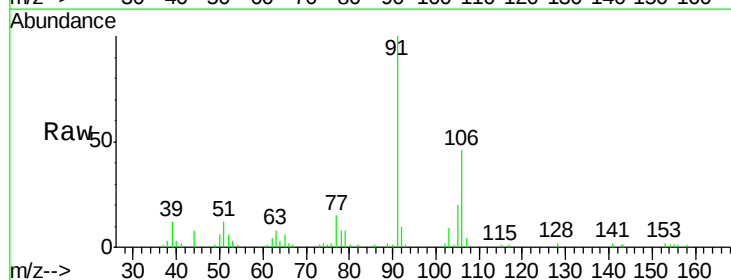
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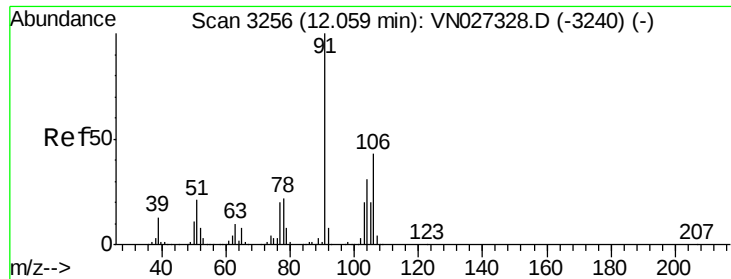
Tgt Ion: 106 Resp: 21669

Ion Ratio Lower Upper

106 100

91 221.1 167.1 250.7

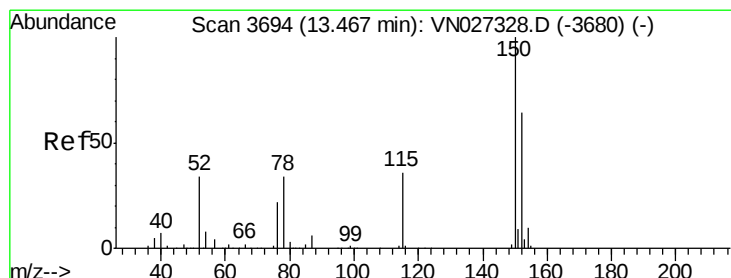
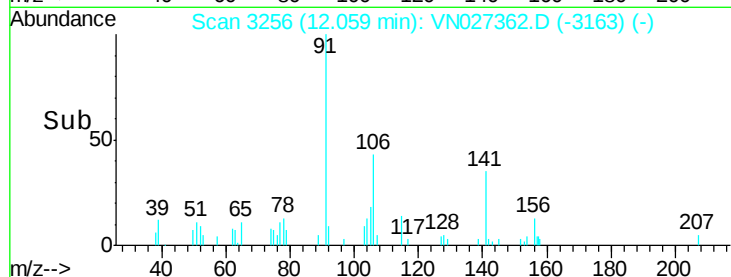
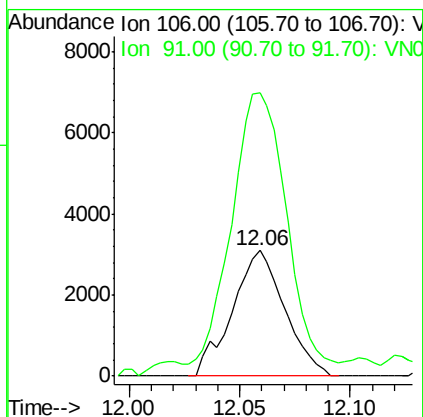
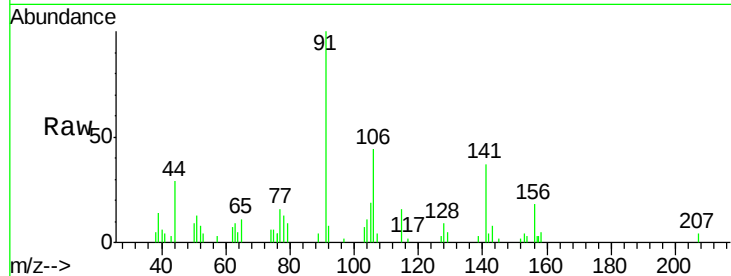




#70
o-Xylene
Concen: 0.33 ug/l
RT: 12.06 min Scan# 3256
Delta R.T. 0.00 min
Lab File: VN027362.D
Acq: 22 Sep 2015 6:39

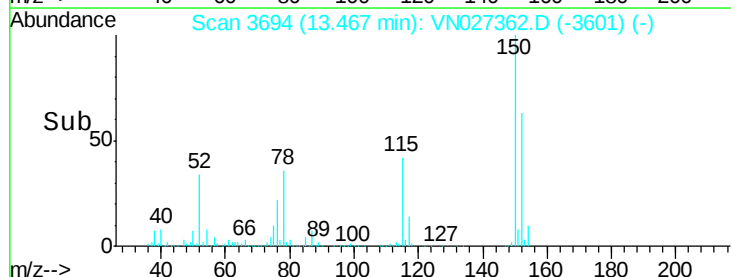
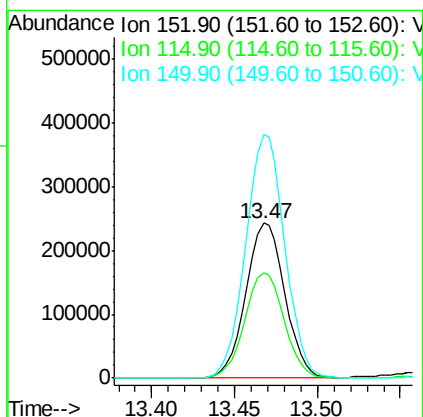
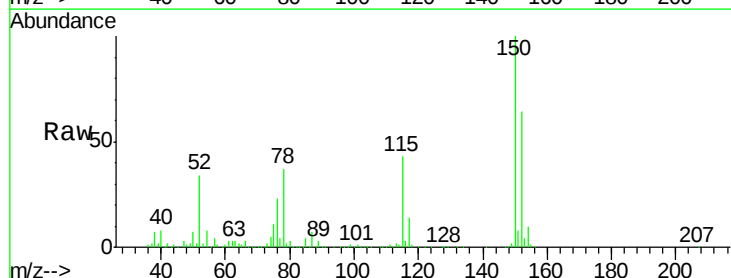
Instrument :
MSVOA_N
ClientSampled :
MW-9B

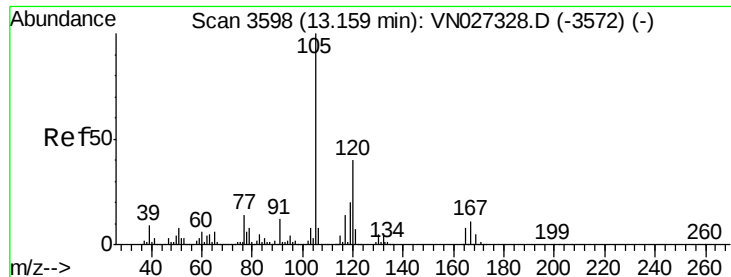
Tot Ion:106 Resp: 5114
Ion Ratio Lower Upper
106 100
91 228.7 110.7 331.9



#73
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.47 min Scan# 3694
Delta R.T. 0.00 min
Lab File: VN027362.D
Acq: 22 Sep 2015 6:39

Tgt Ion:152 Resp: 397142
Ion Ratio Lower Upper
152 100
115 68.2 30.8 92.3
150 157.4 0.0 345.0





#85

1,2,4-Trimethylbenzene

Concen: 0.44 ug/l

RT: 13.16 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN027362.D

Acq: 22 Sep 2015 6:39

Instrument :

MSVOA_N

ClientSampleId :

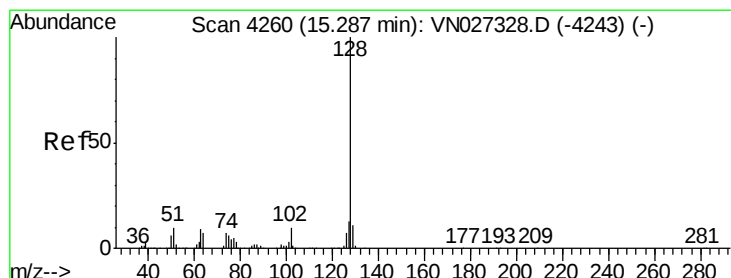
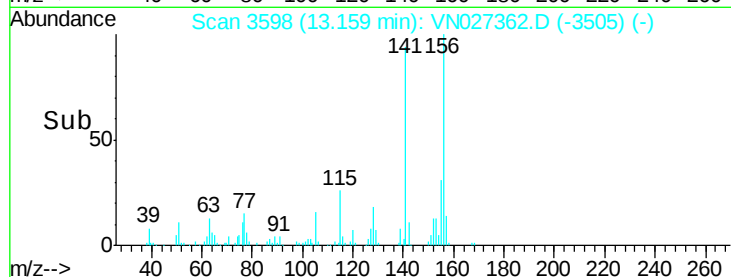
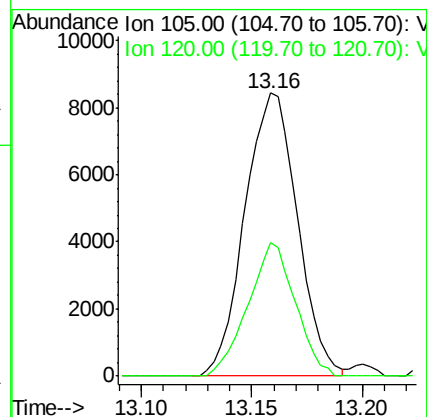
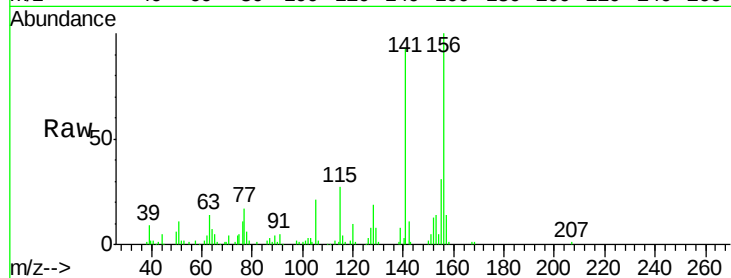
MW-9B

Tot Ion:105 Resp: 13944

Ion Ratio Lower Upper

105 100

120 42.1 21.9 65.5



#96

Naphthalene

Concen: 19.09 ug/l

RT: 15.29 min Scan# 4260

Delta R.T. 0.00 min

Lab File: VN027362.D

Acq: 22 Sep 2015 6:39

Tgt Ion:128 Resp: 351438

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 10.3 8.6 12.8

