

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN092115\
 Data File : VN027363.D
 Acq On : 22 Sep 2015 7:06
 Operator : MD\FY
 Sample : G3754-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11B

Quant Time: Sep 22 14:22:16 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	720283	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1306710	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1120702	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	434079	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	741158	52.56	ug/l	0.00
Spiked Amount			Recovery	=	105.12%	
36) Dibromofluoromethane	7.68	113	463614	54.38	ug/l	0.00
Spiked Amount			Recovery	=	108.76%	
51) Toluene-d8	10.19	98	1925079	58.40	ug/l	0.00
Spiked Amount			Recovery	=	116.80%	
63) 4-Bromofluorobenzene	12.52	95	666540	55.66	ug/l	0.00
Spiked Amount			Recovery	=	111.32%	

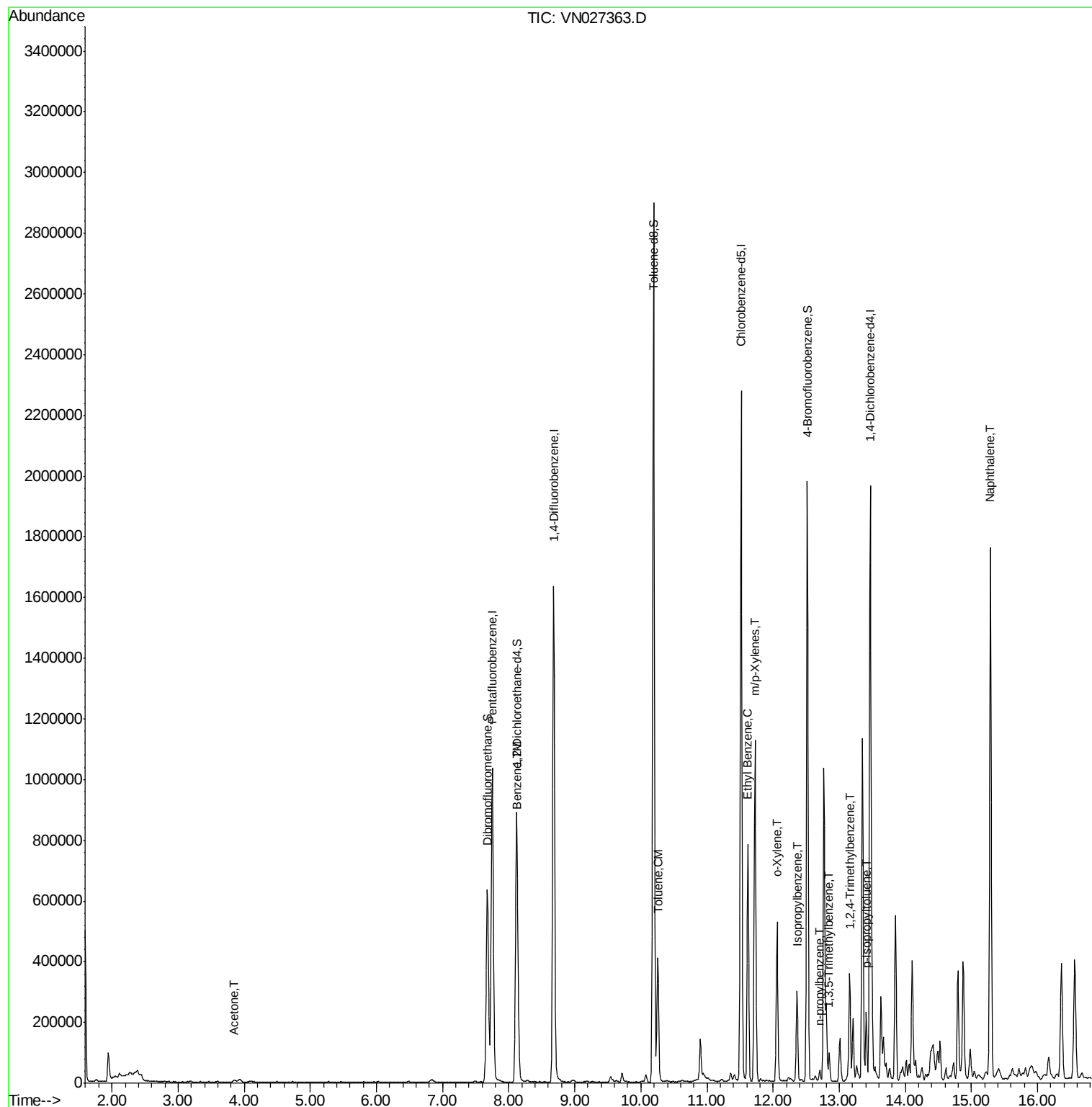
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
17) Acetone	3.85	43	14219	3.71	ug/l	97
41) Benzene	8.14	78	116383	2.85	ug/l	98
53) Toluene	10.26	92	167090	6.91	ug/l	99
68) Ethyl Benzene	11.62	91	545428	12.03	ug/l	99
69) m/p-Xylenes	11.72	106	319359	20.32	ug/l	89
70) o-Xylene	12.06	106	128413	8.09	ug/l	90
74) Isopropylbenzene	12.36	105	188282	4.33	ug/l	97
79) n-propylbenzene	12.71	91	25168	0.49	ug/l #	56
81) 1,3,5-Trimethylbenzene	12.85	105	45865	1.30	ug/l	94
85) 1,2,4-Trimethylbenzene	13.16	105	183687	5.25	ug/l	93
87) p-Isopropyltoluene	13.41	119	114065	3.60	ug/l	93
96) Naphthalene	15.29	128	1330547	56.74	ug/l	100

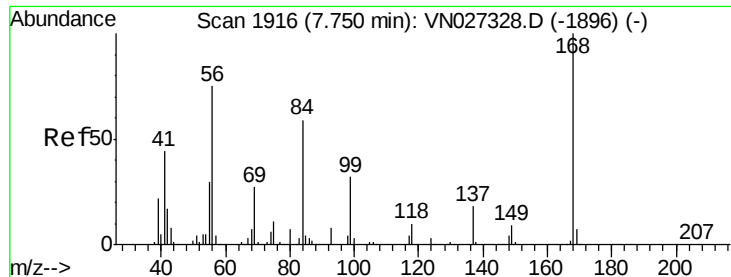
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN027363.D

Acq: 22 Sep 2015 7:06

Instrument :

MSVOA_N

ClientSampleId :

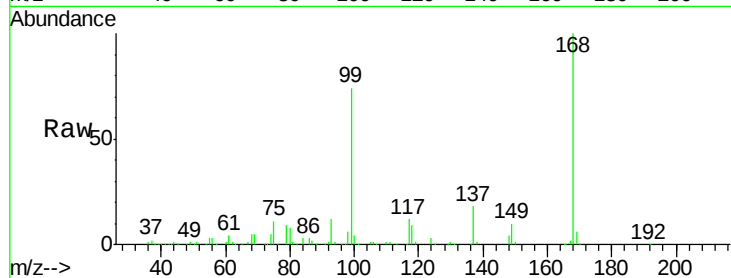
MW-11B

Tot Ion:168 Resp: 720283

Ion Ratio Lower Upper

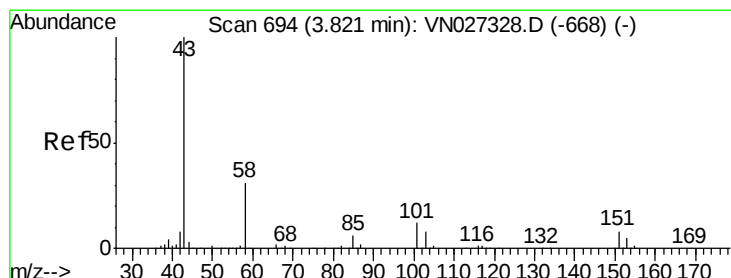
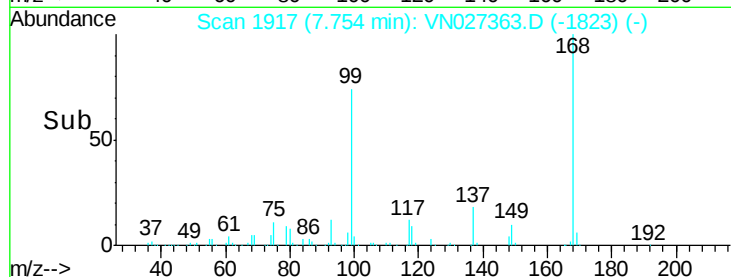
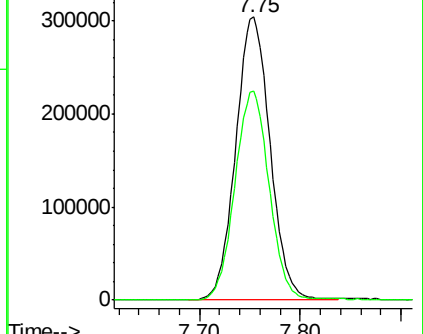
168 100

99 74.0 50.4 75.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#17

Acetone

Concen: 3.71 ug/l

RT: 3.85 min Scan# 704

Delta R.T. 0.03 min

Lab File: VN027363.D

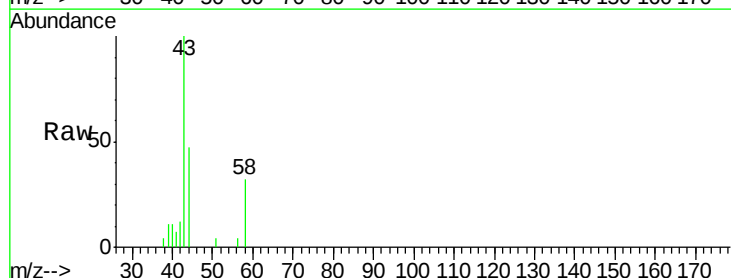
Acq: 22 Sep 2015 7:06

Tgt Ion: 43 Resp: 14219

Ion Ratio Lower Upper

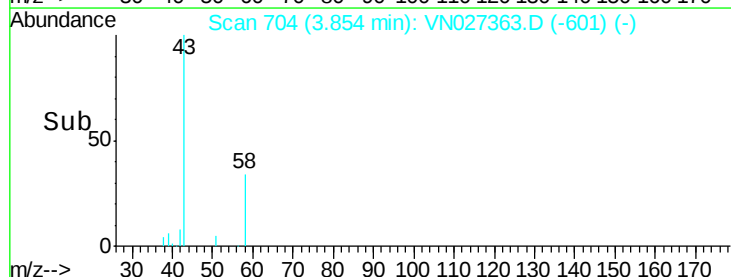
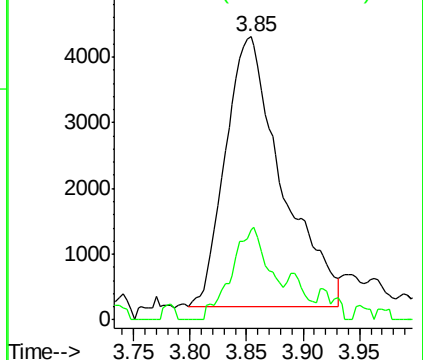
43 100

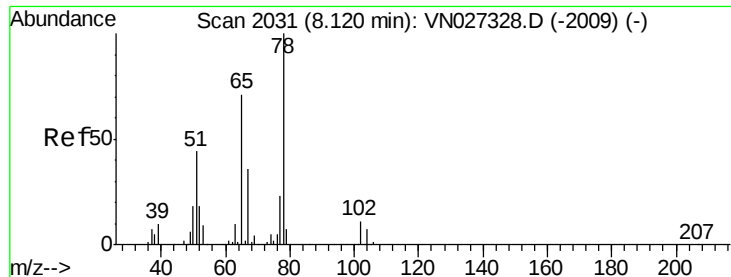
58 33.6 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#34

1,2-Dichloroethane-d4

Concen: 52.56 ug/l

RT: 8.12 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VN027363.D

Acq: 22 Sep 2015 7:06

Instrument :

MSVOA_N

ClientSampleId :

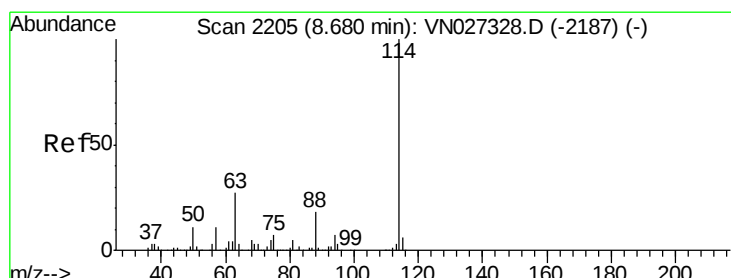
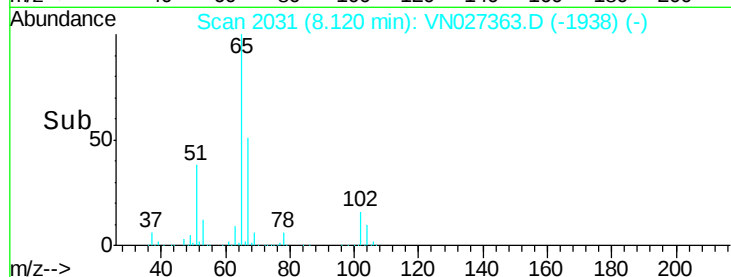
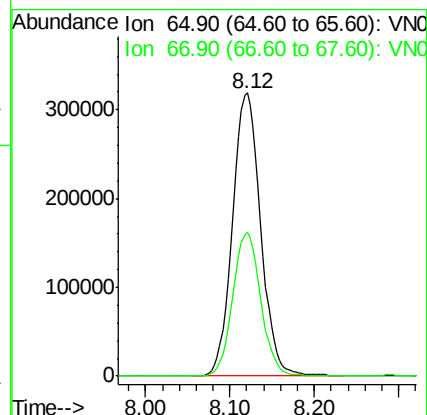
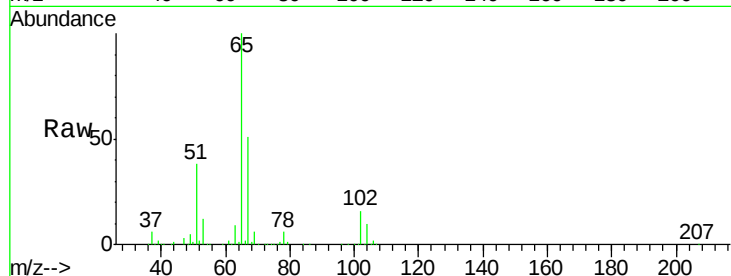
MW-11B

Tot Ion: 65 Resp: 741158

Ion Ratio Lower Upper

65 100

67 50.7 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: VN027363.D

Acq: 22 Sep 2015 7:06

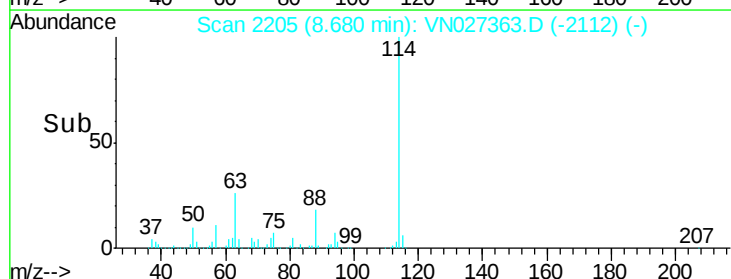
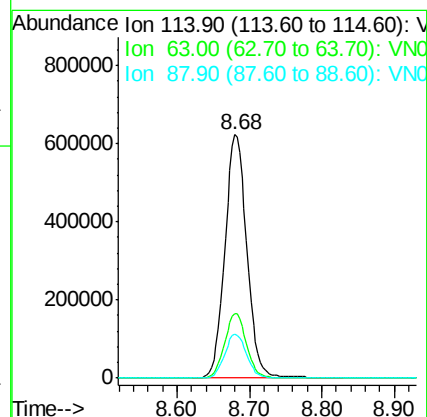
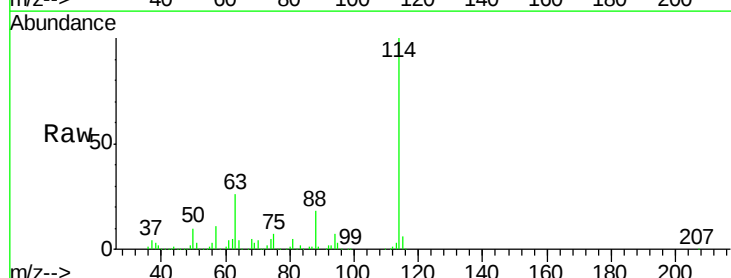
Tgt Ion: 114 Resp: 1306710

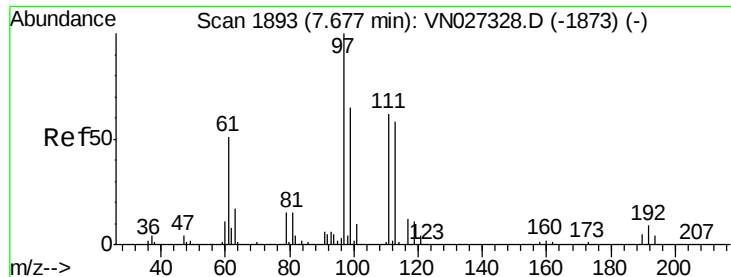
Ion Ratio Lower Upper

114 100

63 26.5 0.0 48.8

88 18.0 0.0 32.2





#36

Dibromofluoromethane

Concen: 54.38 ug/l

RT: 7.68 min Scan# 1893

Delta R.T. 0.00 min

Lab File: VN027363.D

Acq: 22 Sep 2015 7:06

Instrument :

MSVOA_N

ClientSampled :

MW-11B

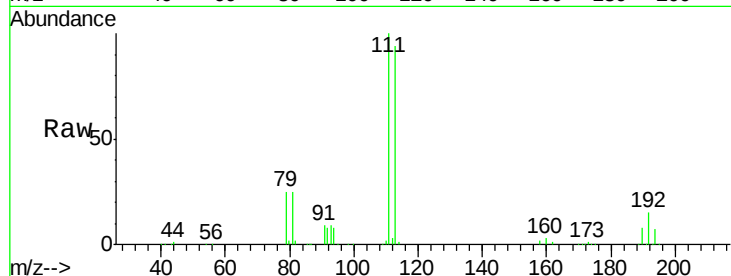
Tot Ion:113 Resp: 463614

Ion Ratio Lower Upper

113 100

111 104.9 83.0 124.4

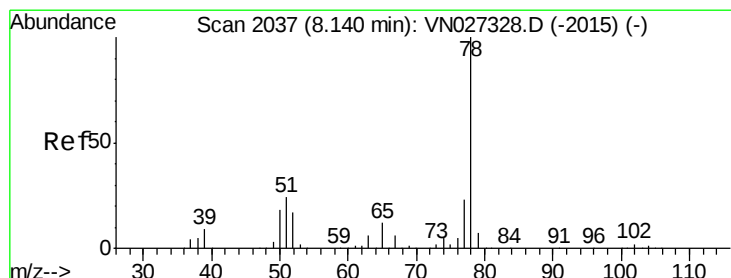
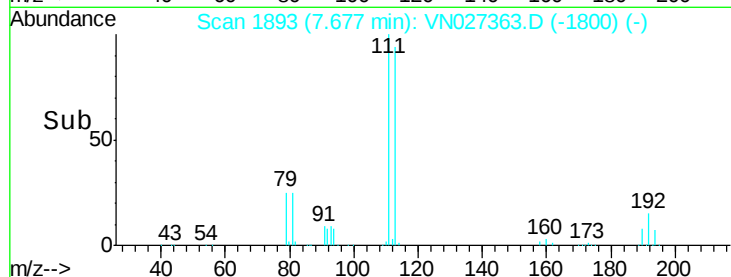
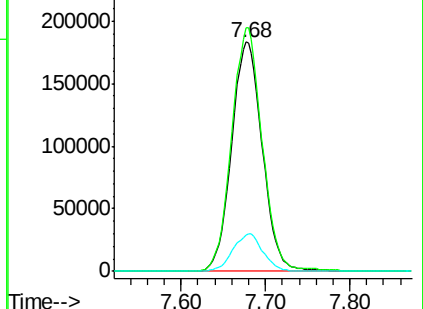
192 16.1 14.1 21.1



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: 2.85 ug/l

RT: 8.14 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VN027363.D

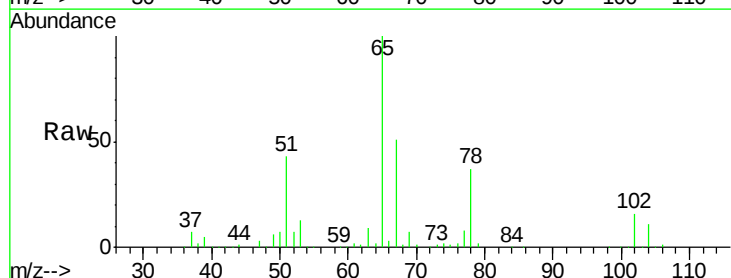
Acq: 22 Sep 2015 7:06

Tgt Ion: 78 Resp: 116383

Ion Ratio Lower Upper

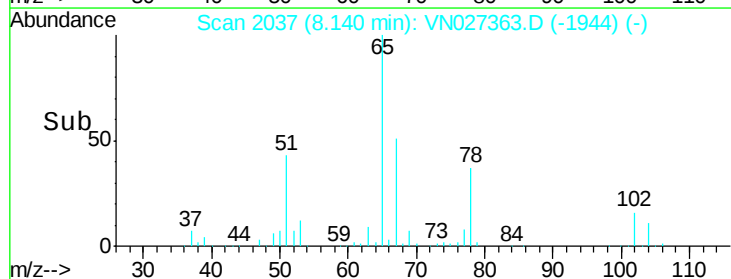
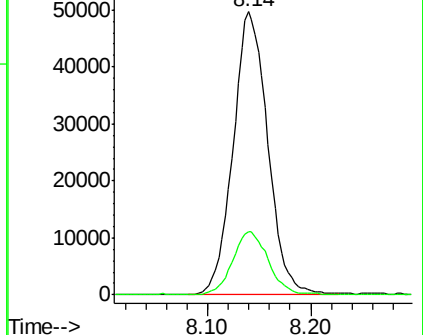
78 100

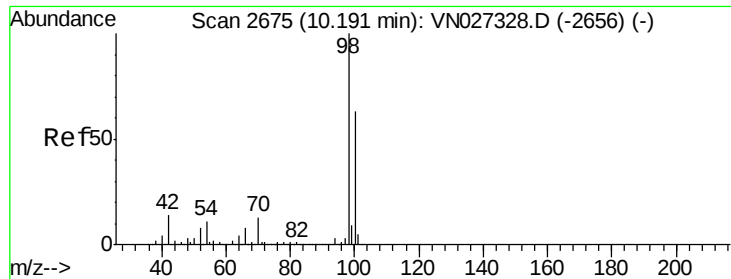
77 22.6 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): V

Ion 77.00 (76.70 to 77.70): V





#51

Toluene-d8

Concen: 58.40 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027363.D

Acq: 22 Sep 2015 7:06

Instrument :

MSVOA_N

ClientSampled :

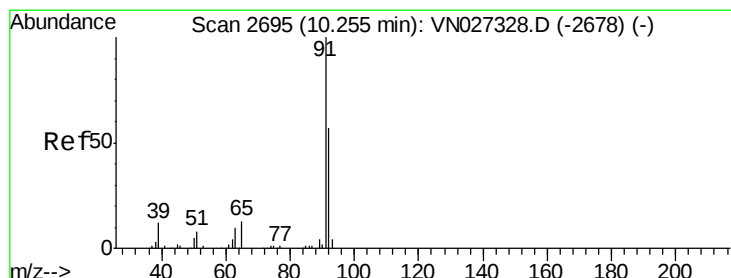
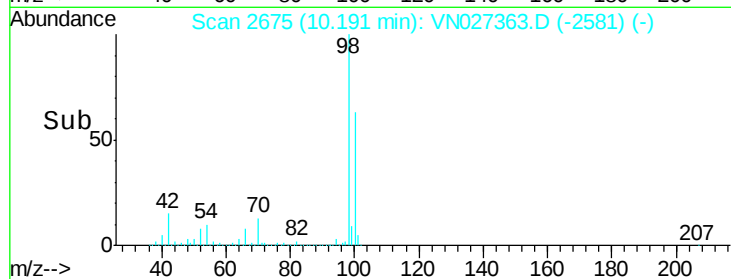
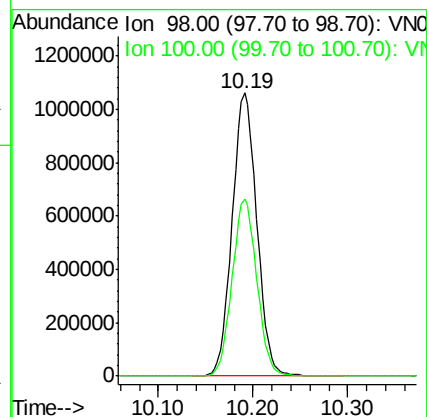
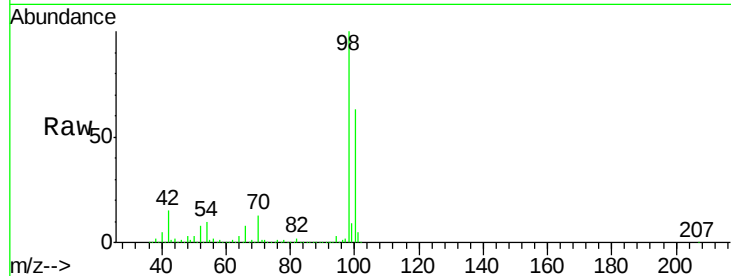
MW-11B

Tot Ion: 98 Resp: 1925079

Ion Ratio Lower Upper

98 100

100 62.6 50.5 75.7



#53

Toluene

Concen: 6.91 ug/l

RT: 10.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VN027363.D

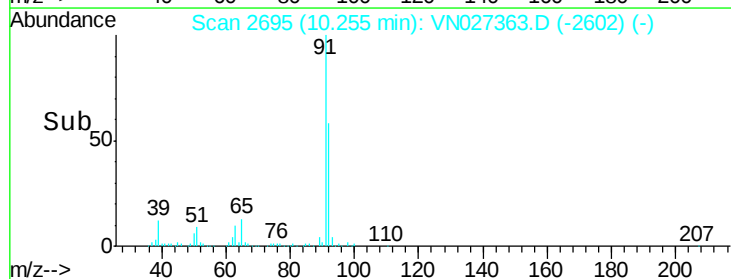
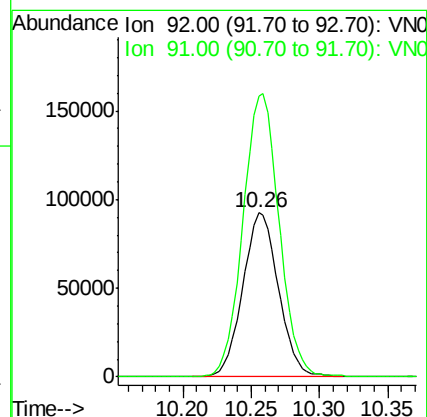
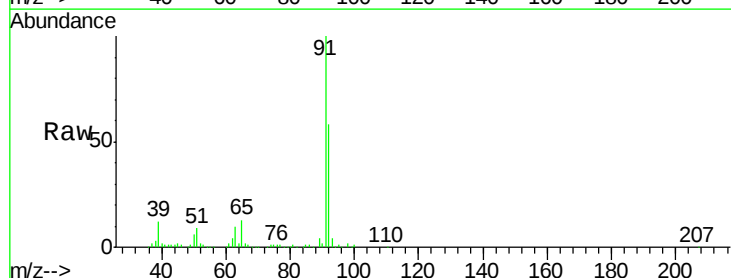
Acq: 22 Sep 2015 7:06

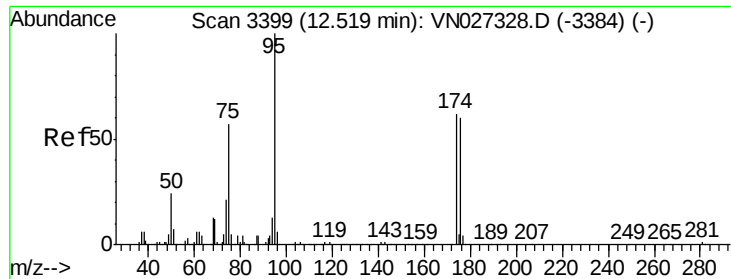
Tgt Ion: 92 Resp: 167090

Ion Ratio Lower Upper

92 100

91 175.8 141.4 212.2

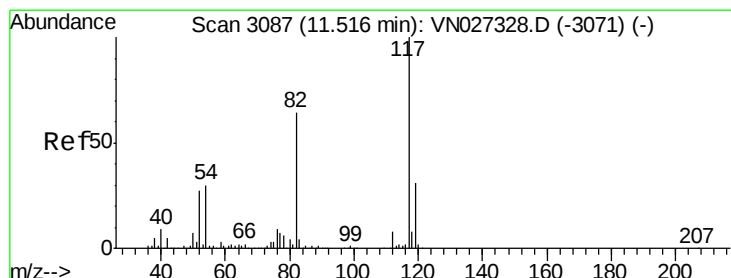
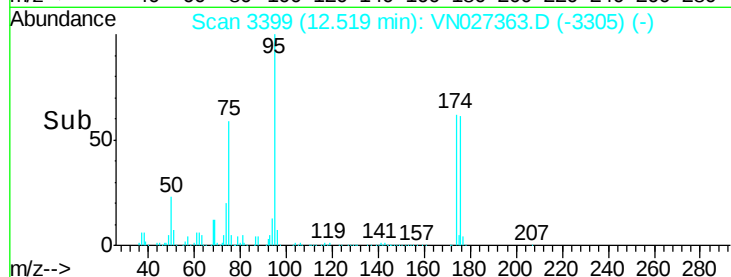
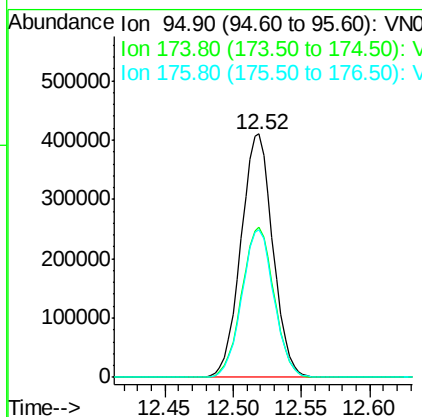
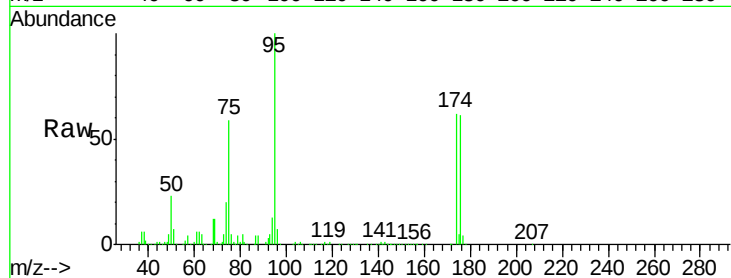




#63
4-Bromofluorobenzene
Concen: 55.66 ug/l
RT: 12.52 min Scan# 3399
Delta R.T. 0.00 min
Lab File: VN027363.D
Acq: 22 Sep 2015 7:06

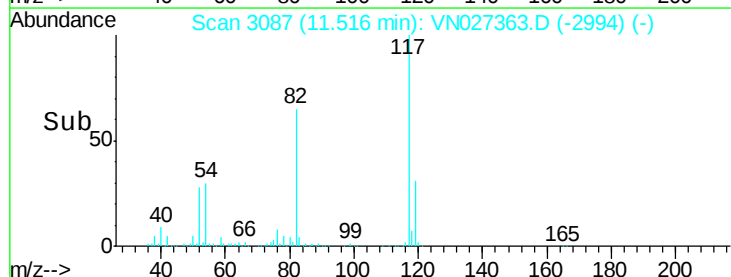
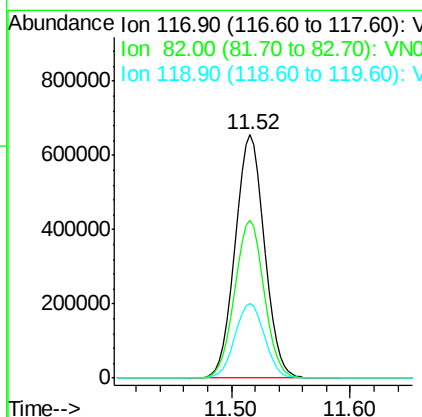
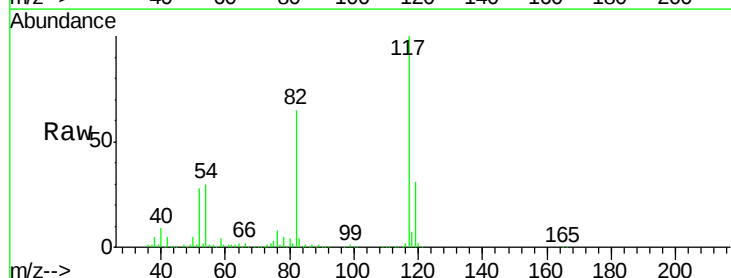
Instrument :
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ClientSampled :
MW-11B

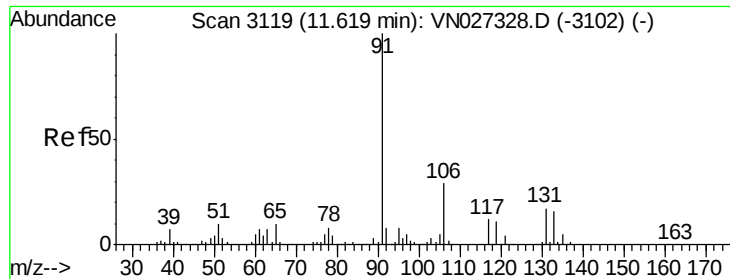
Tot Ion: 95 Resp: 666540
Ion Ratio Lower Upper
95 100
174 62.4 0.0 137.0
176 60.9 0.0 130.8



#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027363.D
Acq: 22 Sep 2015 7:06

Tgt Ion: 117 Resp: 1120702
Ion Ratio Lower Upper
117 100
82 64.9 49.6 74.4
119 30.8 24.6 36.8





#68

Ethyl Benzene

Concen: 12.03 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. 0.00 min

Lab File: VN027363.D

Acq: 22 Sep 2015 7:06

Instrument :

MSVOA_N

ClientSampled :

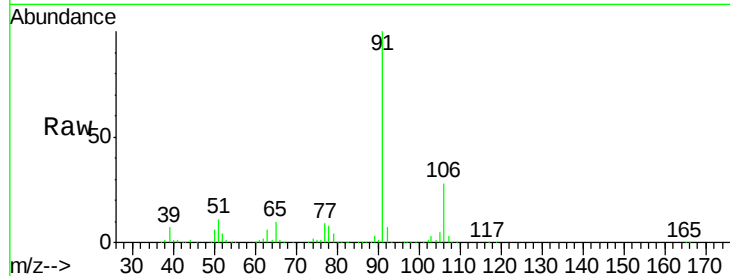
MW-11B

Tot Ion: 91 Resp: 545428

Ion Ratio Lower Upper

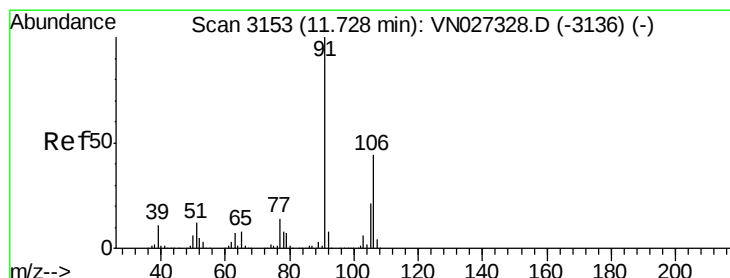
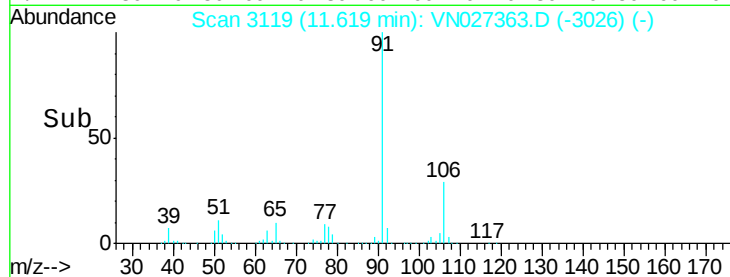
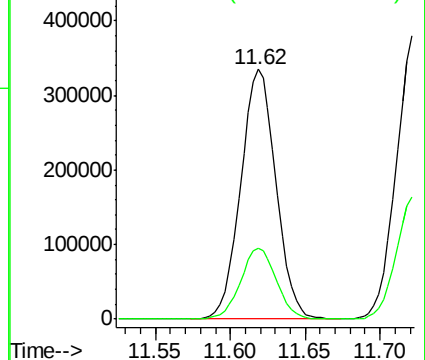
91 100

106 28.5 23.1 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#69

m/p-Xylenes

Concen: 20.32 ug/l

RT: 11.72 min Scan# 3152

Delta R.T. -0.00 min

Lab File: VN027363.D

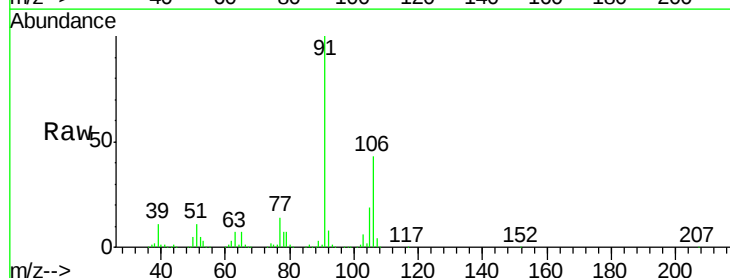
Acq: 22 Sep 2015 7:06

Tgt Ion: 106 Resp: 319359

Ion Ratio Lower Upper

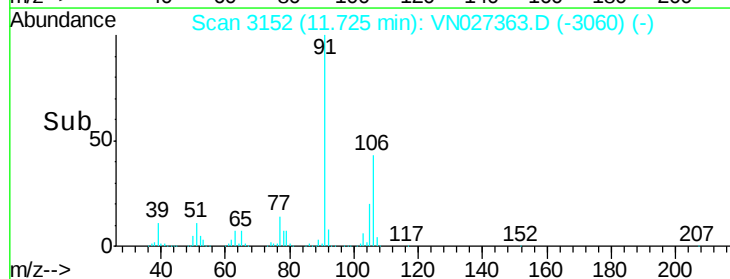
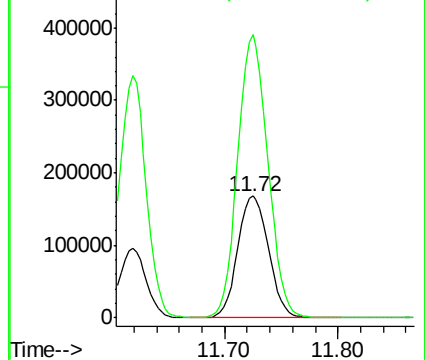
106 100

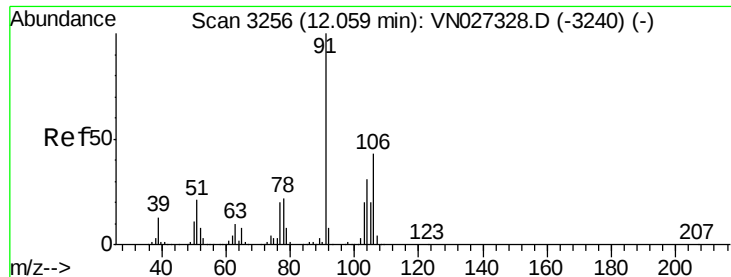
91 226.4 167.1 250.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

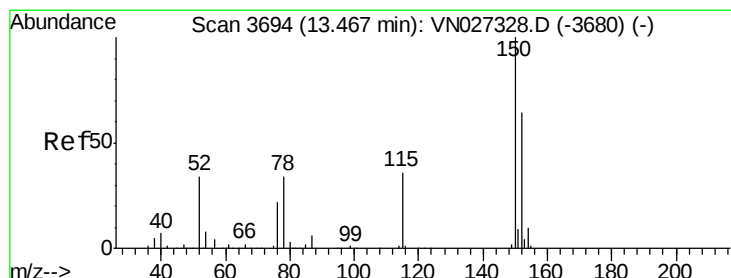
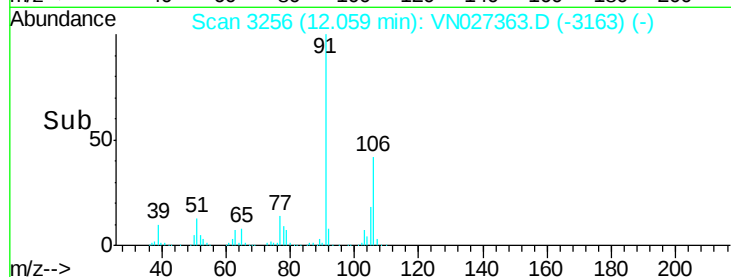
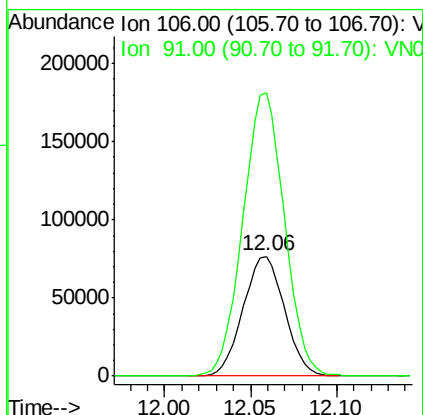
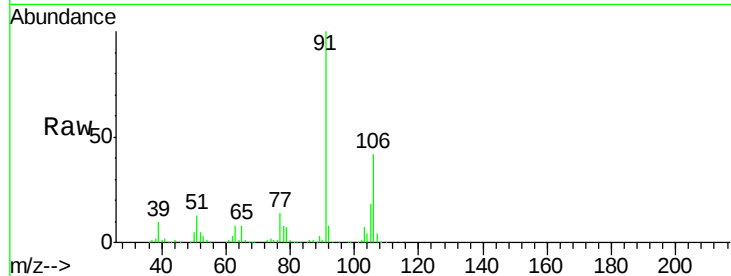




#70
o-Xylene
Concen: 8.09 ug/l
RT: 12.06 min Scan# 3256
Delta R.T. 0.00 min
Lab File: VN027363.D
Acq: 22 Sep 2015 7:06

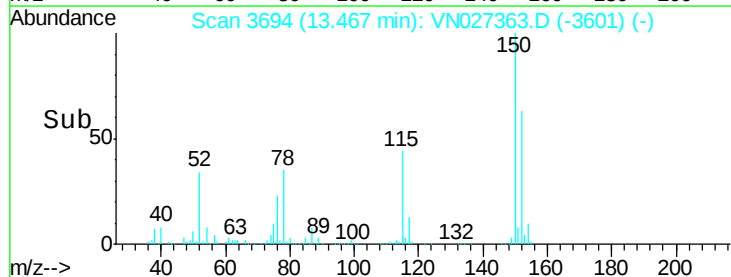
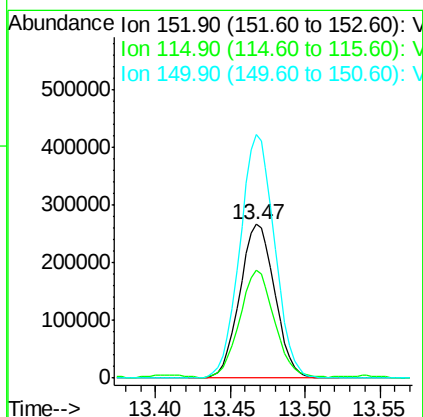
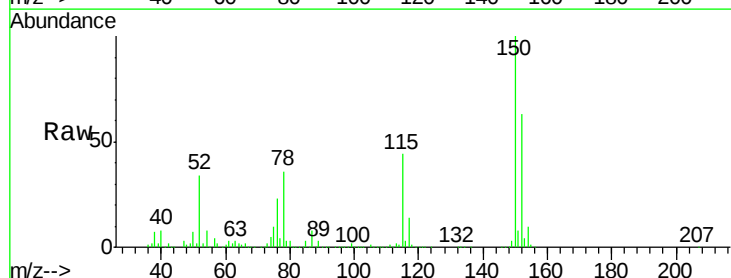
Instrument :
MSVOA_N
ClientSampled :
MW-11B

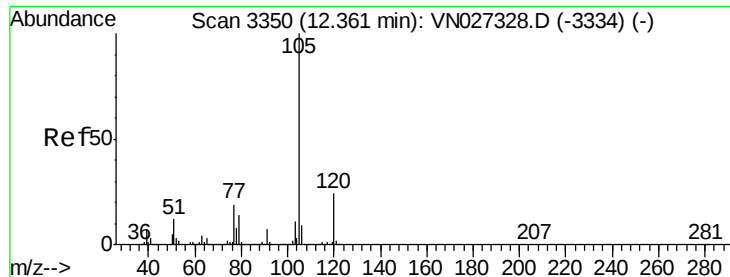
Tot Ion:106 Resp: 128413
Ion Ratio Lower Upper
106 100
91 237.2 110.7 331.9



#73
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.47 min Scan# 3694
Delta R.T. 0.00 min
Lab File: VN027363.D
Acq: 22 Sep 2015 7:06

Tgt Ion:152 Resp: 434079
Ion Ratio Lower Upper
152 100
115 69.5 30.8 92.3
150 157.0 0.0 345.0





#74

Isopropylbenzene

Concen: 4.33 ug/l

RT: 12.36 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VN027363.D

Acq: 22 Sep 2015 7:06

Instrument :

MSVOA_N

ClientSampled :

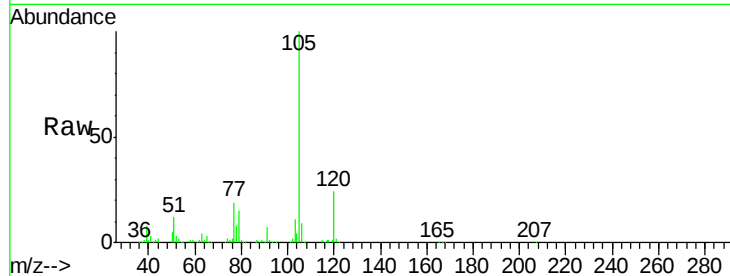
MW-11B

Tot Ion:105 Resp: 188282

Ion Ratio Lower Upper

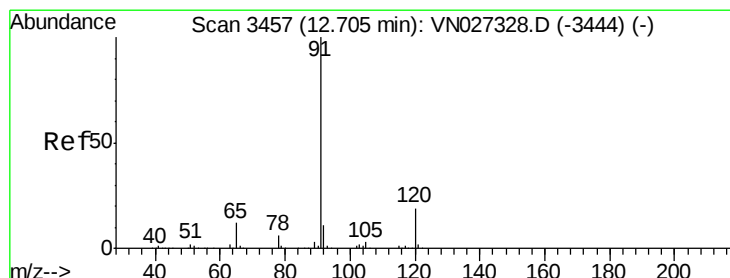
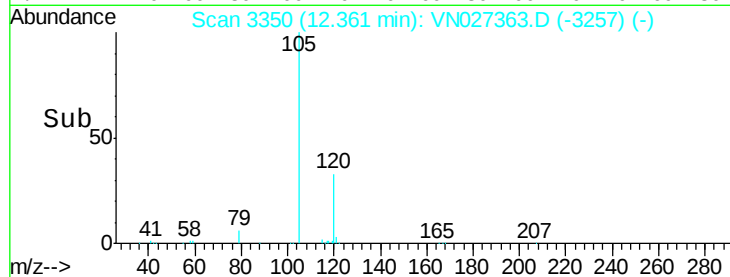
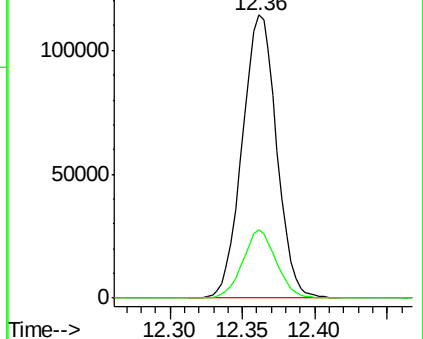
105 100

120 23.4 12.4 37.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#79

n-propylbenzene

Concen: 0.49 ug/l

RT: 12.71 min Scan# 3457

Delta R.T. 0.00 min

Lab File: VN027363.D

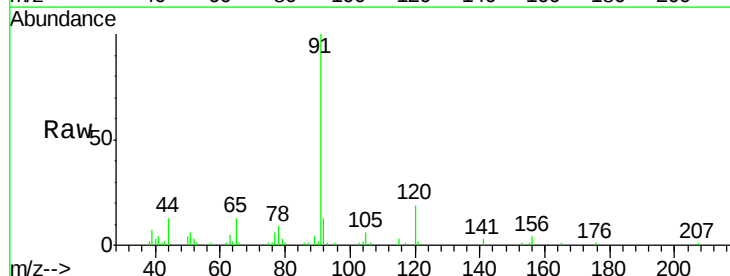
Acq: 22 Sep 2015 7:06

Tgt Ion: 91 Resp: 25168

Ion Ratio Lower Upper

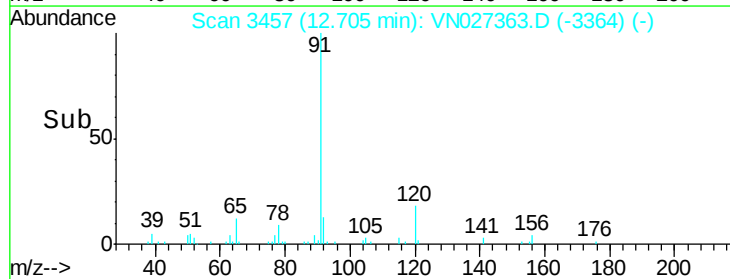
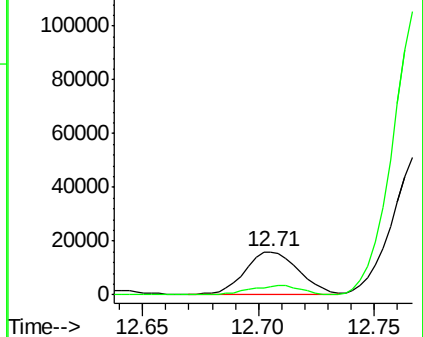
91 100

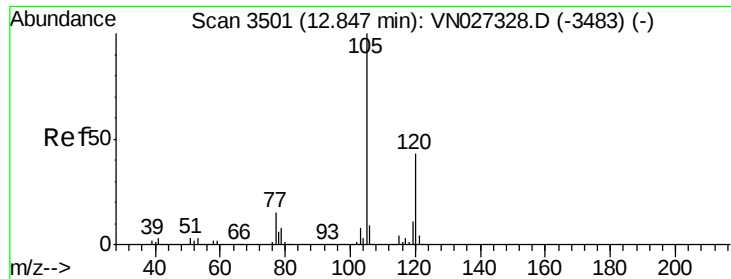
120 0.0 10.3 30.8#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

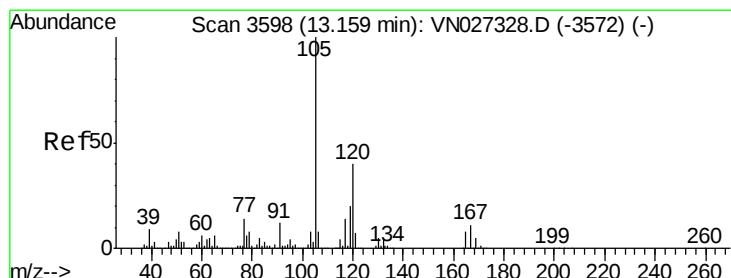
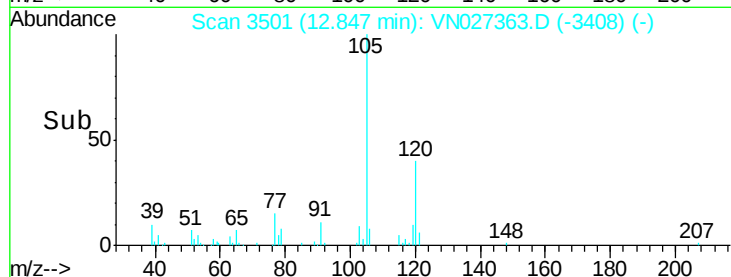
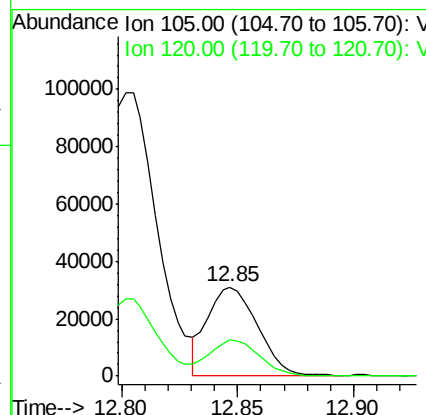
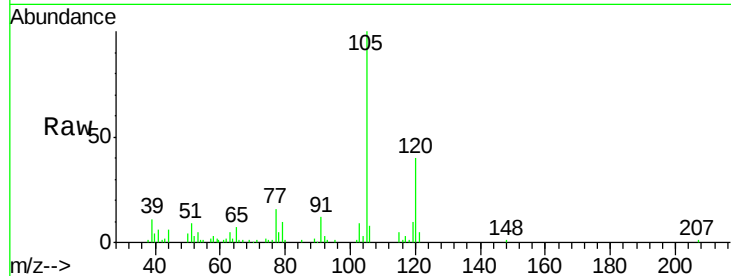




#81
 1,3,5-Trimethylbenzene
 Concen: 1.30 ug/l
 RT: 12.85 min Scan# 3501
 Delta R.T. 0.00 min
 Lab File: VN027363.D
 Acq: 22 Sep 2015 7:06

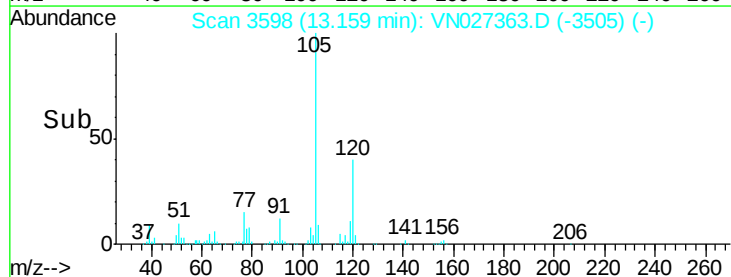
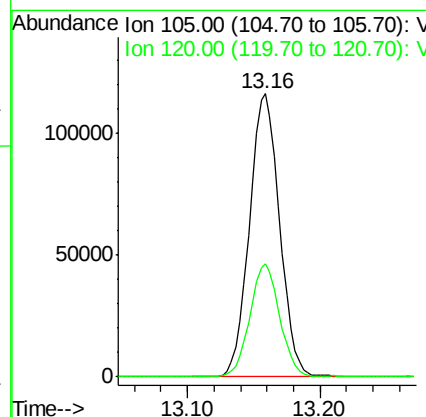
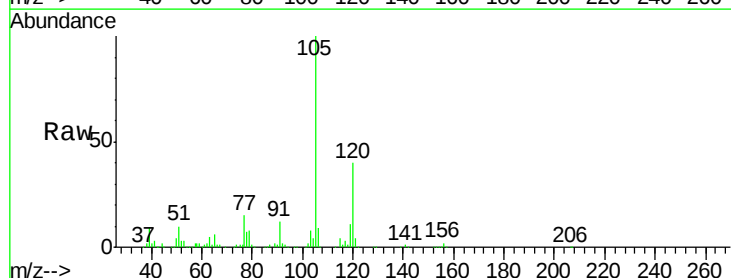
Instrument :
 MSVOA_N
 ClientSampled :
 MW-11B

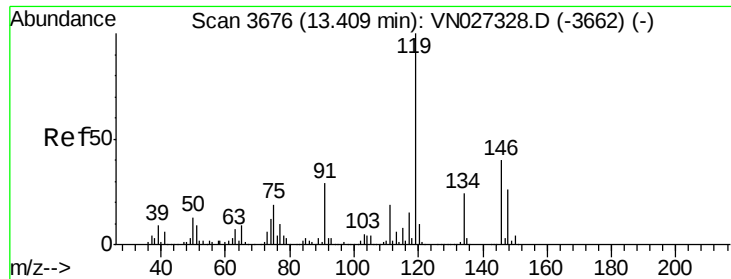
Tot Ion:105 Resp: 45865
 Ion Ratio Lower Upper
 105 100
 120 42.9 23.4 70.0



#85
 1,2,4-Trimethylbenzene
 Concen: 5.25 ug/l
 RT: 13.16 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN027363.D
 Acq: 22 Sep 2015 7:06

Tgt Ion:105 Resp: 183687
 Ion Ratio Lower Upper
 105 100
 120 39.4 21.9 65.5

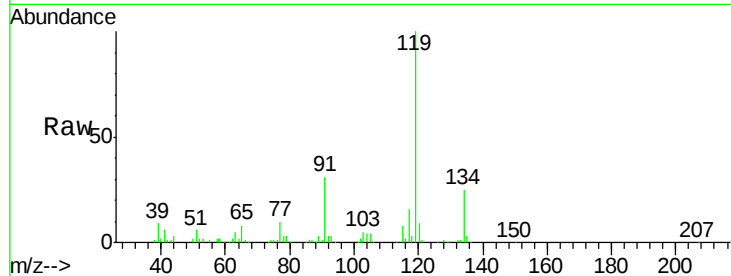




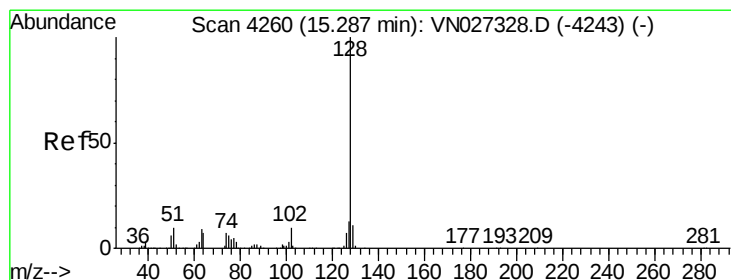
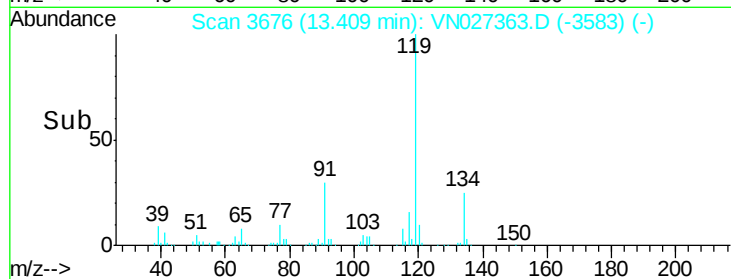
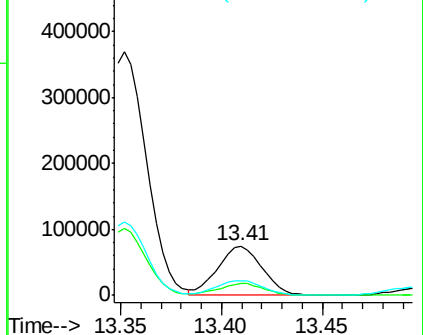
#87
 p-Isopropyltoluene
 Concen: 3.60 ug/l
 RT: 13.41 min Scan# 3676
 Delta R.T. 0.00 min
 Lab File: VN027363.D
 Acq: 22 Sep 2015 7:06

Instrument :
 MSVOA_N
 ClientSampleID :
 MW-11B

Tot Ion	Ratio	Lower	Upper
119	100		
134	24.9	12.4	37.0
91	30.8	12.0	36.1

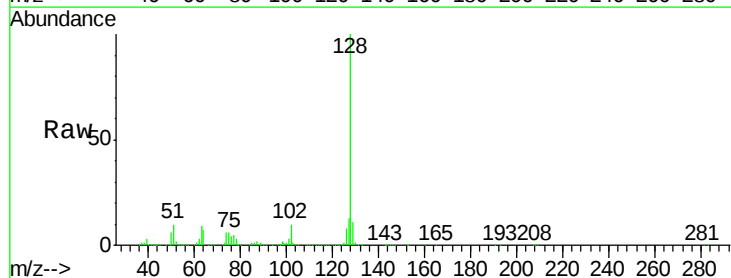


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V



#96
 Naphthalene
 Concen: 56.74 ug/l
 RT: 15.29 min Scan# 4260
 Delta R.T. 0.00 min
 Lab File: VN027363.D
 Acq: 22 Sep 2015 7:06

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.0	8.6	12.8



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

