

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN092115\
 Data File : VN027364.D
 Acq On : 22 Sep 2015 7:34
 Operator : MD\FY
 Sample : G3754-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12B

Quant Time: Sep 22 14:23:38 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	700024	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1285494	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1124917	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	427426	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	731626	53.39	ug/l	0.00
Spiked Amount			Recovery	=	106.78%	
36) Dibromofluoromethane	7.68	113	454473	54.18	ug/l	0.00
Spiked Amount			Recovery	=	108.36%	
51) Toluene-d8	10.19	98	1908014	58.84	ug/l	0.00
Spiked Amount			Recovery	=	117.68%	
63) 4-Bromofluorobenzene	12.52	95	664462	56.40	ug/l	0.00
Spiked Amount			Recovery	=	112.80%	

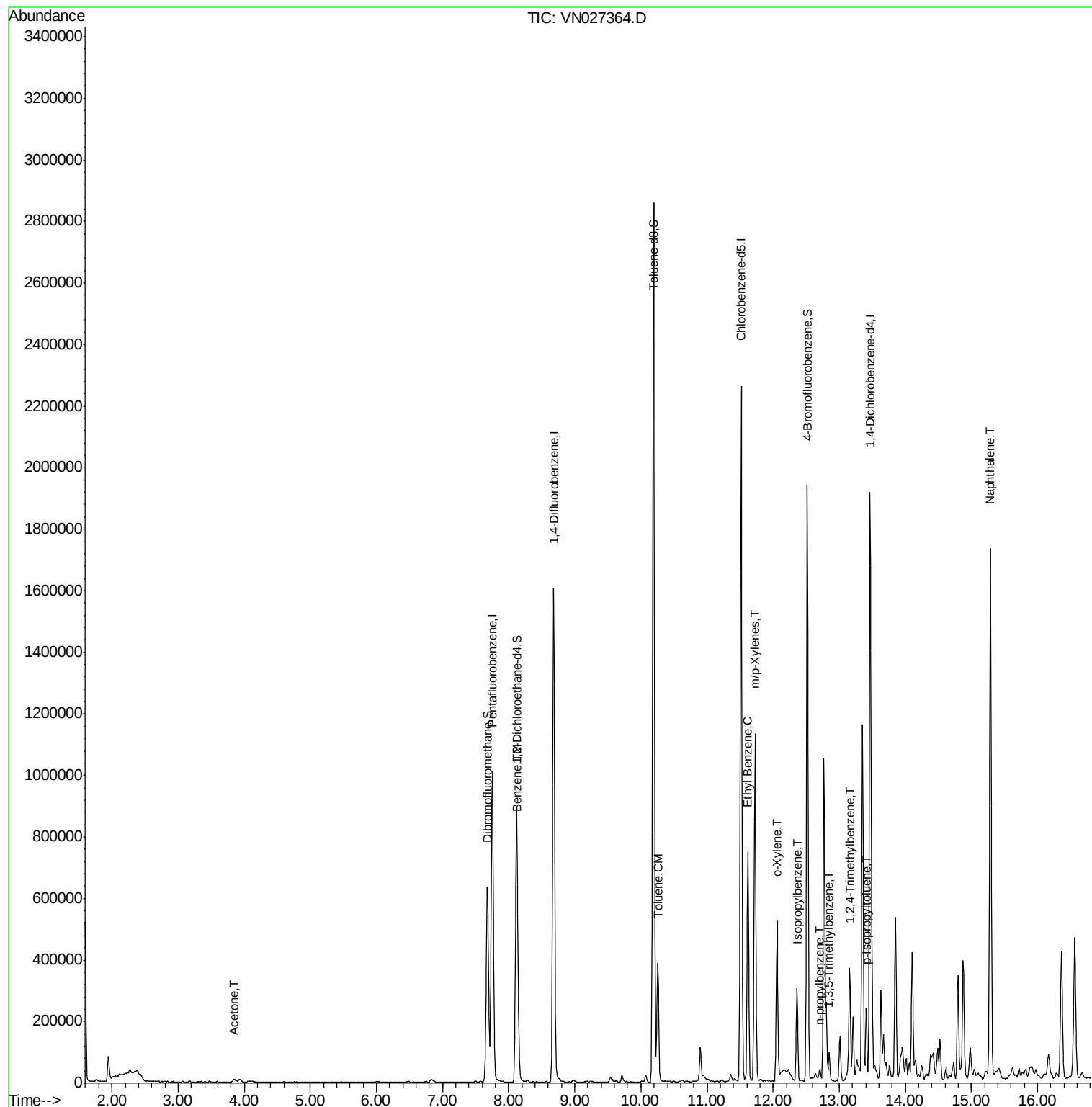
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
17) Acetone	3.85	43	19461	5.22	ug/l	# 82
41) Benzene	8.14	78	110211	2.74	ug/l	100
53) Toluene	10.26	92	160782	6.76	ug/l	98
68) Ethyl Benzene	11.62	91	532955	11.71	ug/l	99
69) m/p-Xylenes	11.72	106	311402	19.74	ug/l	89
70) o-Xylene	12.06	106	123529	7.75	ug/l	90
74) Isopropylbenzene	12.36	105	192986	4.51	ug/l	96
79) n-propylbenzene	12.71	91	25299	0.50	ug/l	97
81) 1,3,5-Trimethylbenzene	12.85	105	46211	1.34	ug/l	98
85) 1,2,4-Trimethylbenzene	13.16	105	188807	5.48	ug/l	94
87) p-Isopropyltoluene	13.41	119	120371	3.86	ug/l	94
96) Naphthalene	15.29	128	1337181	57.83	ug/l	100

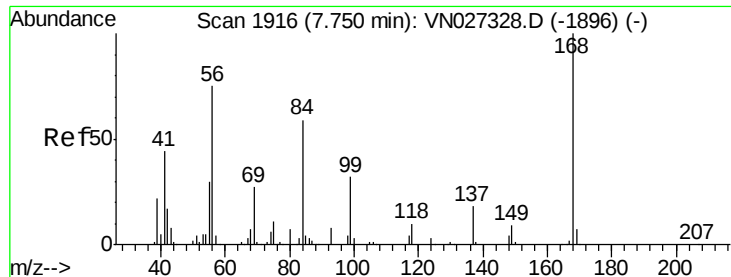
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1916

Delta R.T. 0.00 min

Lab File: VN027364.D

Acq: 22 Sep 2015 7:34

Instrument :

MSVOA_N

ClientSampled :

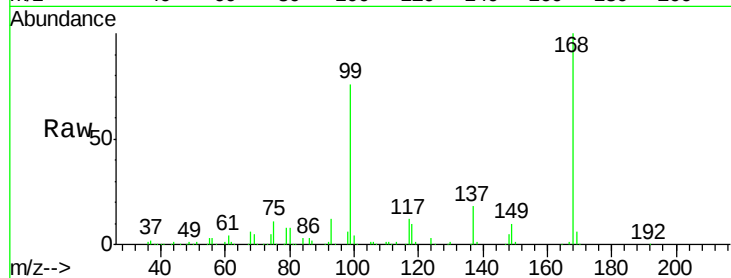
MW-12B

Tot Ion:168 Resp: 700024

Ion Ratio Lower Upper

168 100

99 75.9 50.4 75.6#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.75

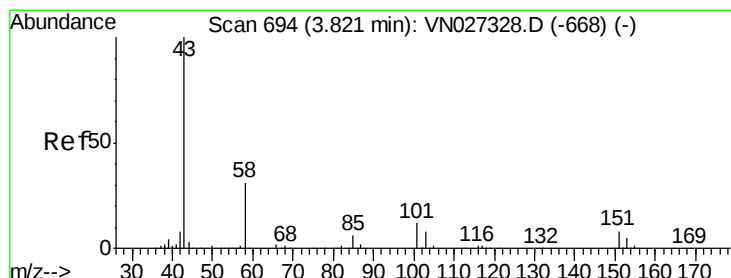
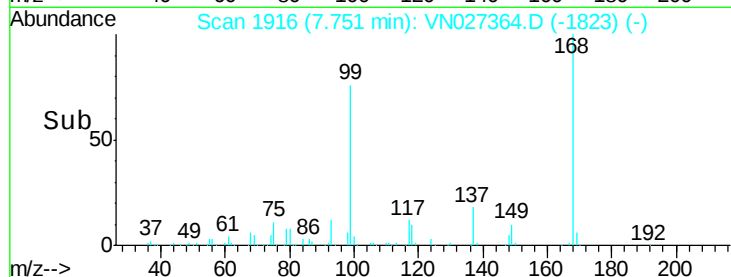
300000

200000

100000

0

Time-->



#17

Acetone

Concen: 5.22 ug/l

RT: 3.85 min Scan# 702

Delta R.T. 0.03 min

Lab File: VN027364.D

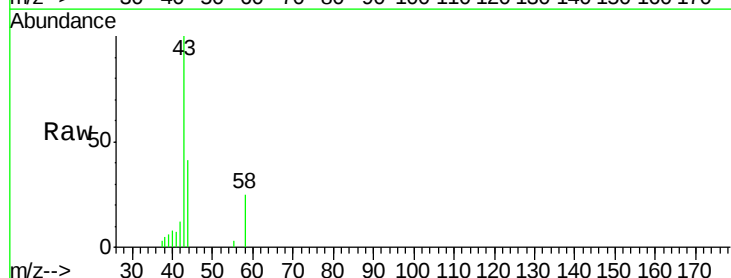
Acq: 22 Sep 2015 7:34

Tgt Ion: 43 Resp: 19461

Ion Ratio Lower Upper

43 100

58 21.8 25.4 38.0#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.85

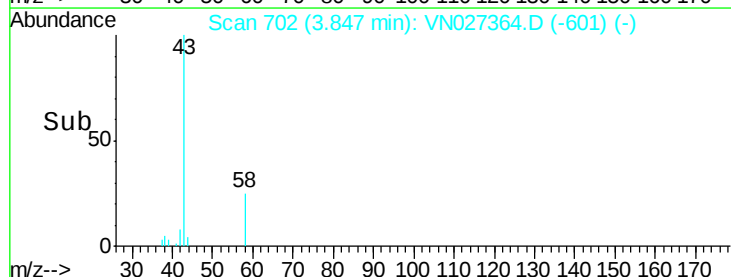
6000

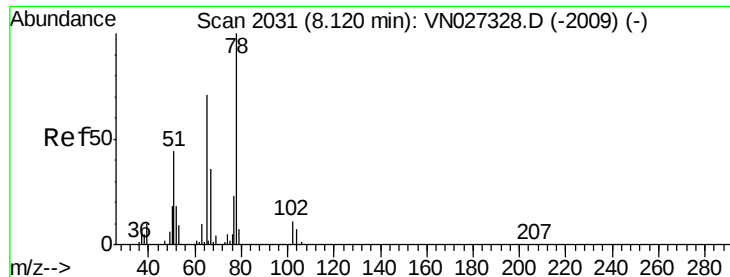
4000

2000

0

Time-->





#34

1,2-Dichloroethane-d4

Concen: 53.39 ug/l

RT: 8.12 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VN027364.D

Acq: 22 Sep 2015 7:34

Instrument :

MSVOA_N

ClientSampleId :

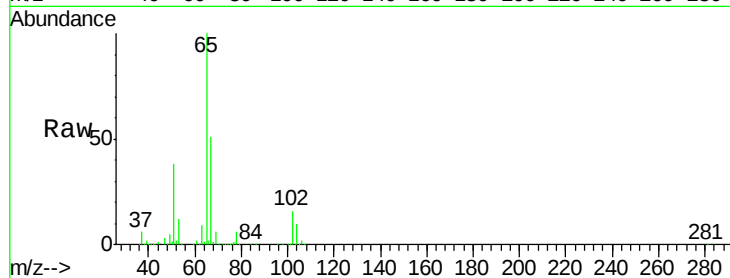
MW-12B

Tot Ion: 65 Resp: 731626

Ion Ratio Lower Upper

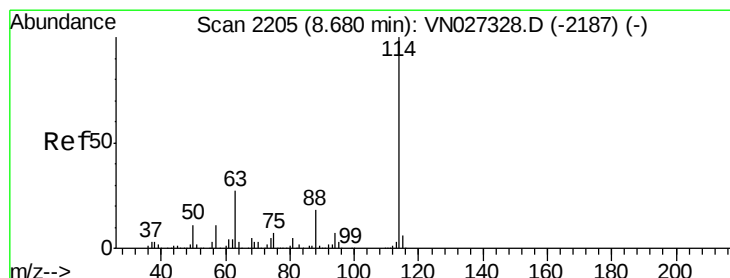
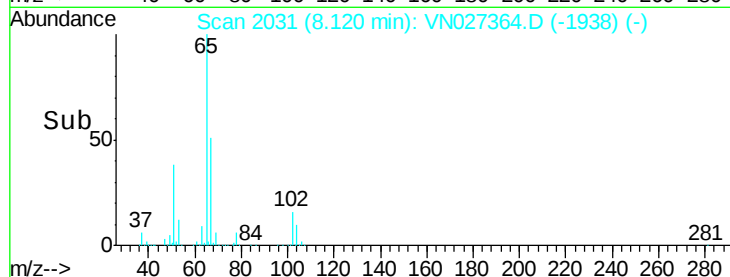
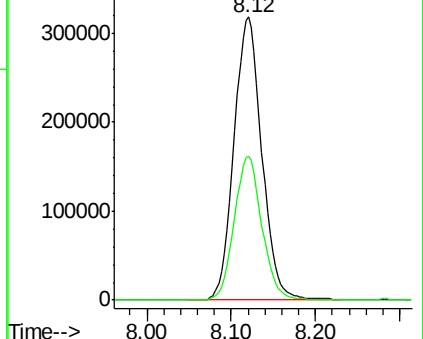
65 100

67 50.6 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#35

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.68 min Scan# 2206

Delta R.T. 0.00 min

Lab File: VN027364.D

Acq: 22 Sep 2015 7:34

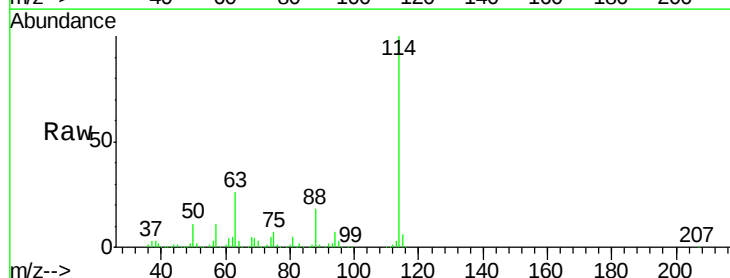
Tgt Ion: 114 Resp: 1285494

Ion Ratio Lower Upper

114 100

63 26.4 0.0 48.8

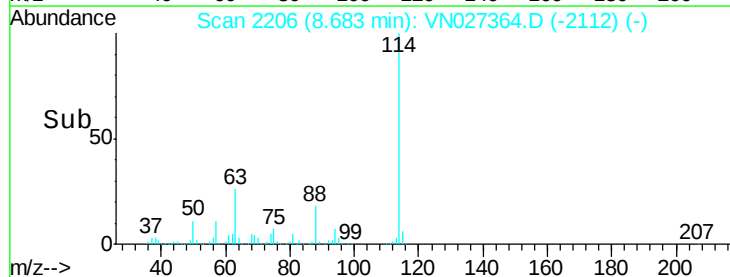
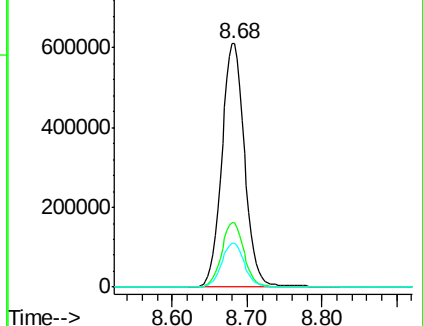
88 17.9 0.0 32.2

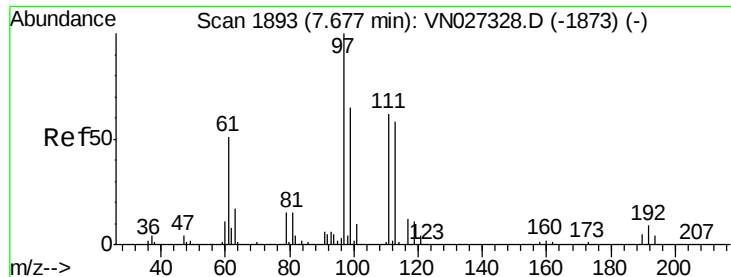


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

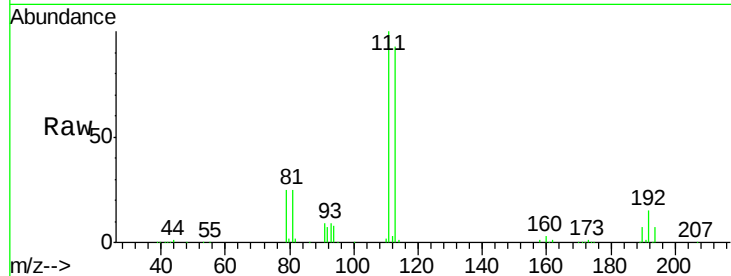




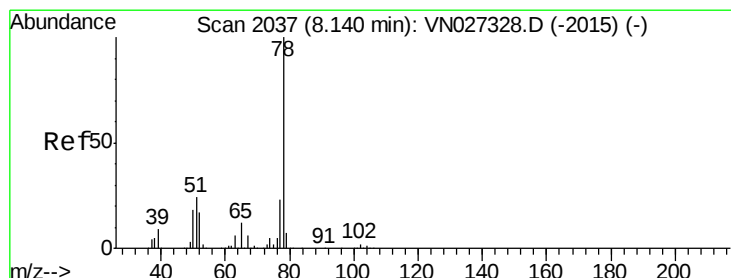
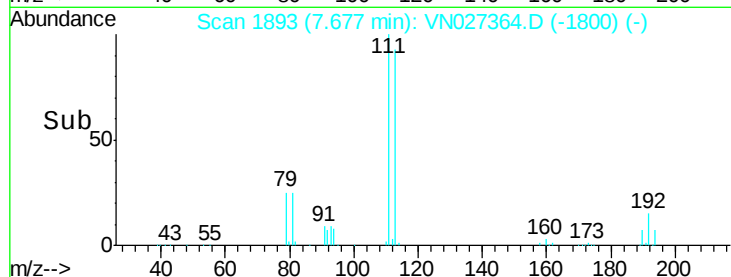
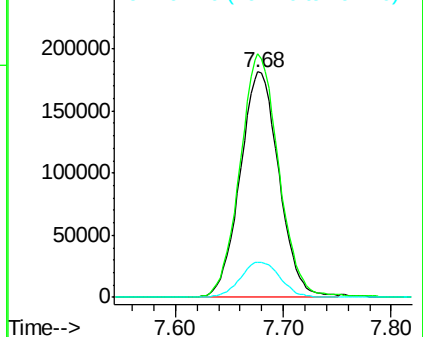
#36
 Dibromofluoromethane
 Concen: 54.18 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027364.D
 Acq: 22 Sep 2015 7:34

Instrument :
 MSVOA_N
 ClientSampled :
 MW-12B

Tot Ion:113 Resp: 454473
 Ion Ratio Lower Upper
 113 100
 111 108.2 83.0 124.4
 192 16.1 14.1 21.1

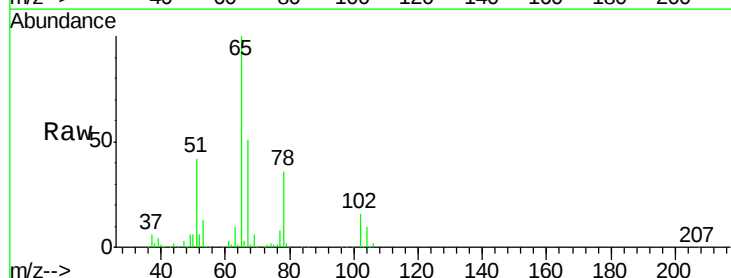


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

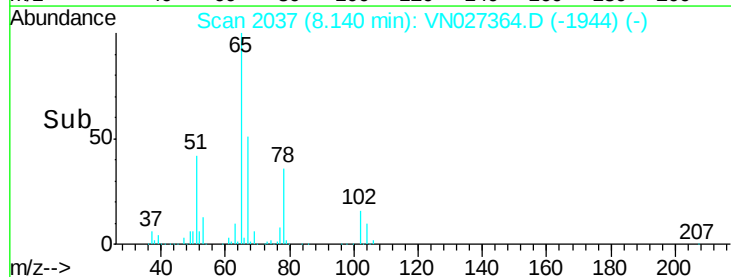
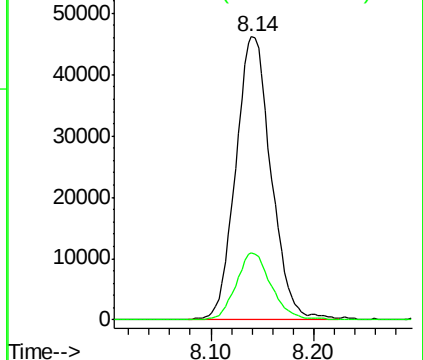


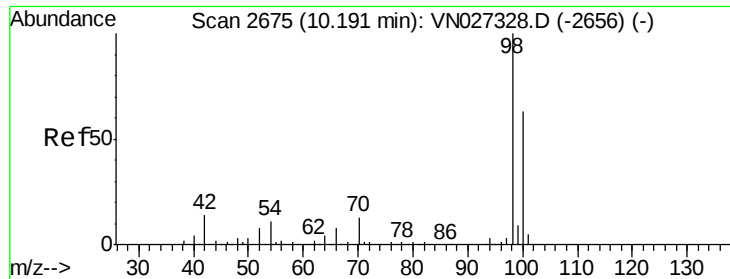
#41
 Benzene
 Concen: 2.74 ug/l
 RT: 8.14 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VN027364.D
 Acq: 22 Sep 2015 7:34

Tgt Ion: 78 Resp: 110211
 Ion Ratio Lower Upper
 78 100
 77 23.7 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: 58.84 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027364.D

Acq: 22 Sep 2015 7:34

Instrument :

MSVOA_N

ClientSampled :

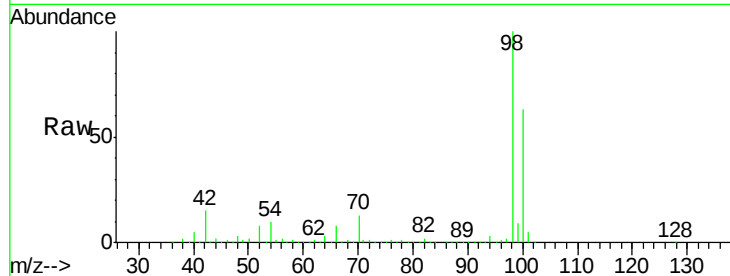
MW-12B

Tot Ion: 98 Resp: 1908014

Ion Ratio Lower Upper

98 100

100 62.7 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

1200000

1000000

800000

600000

400000

200000

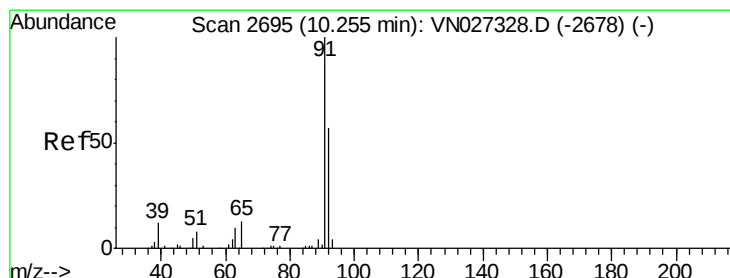
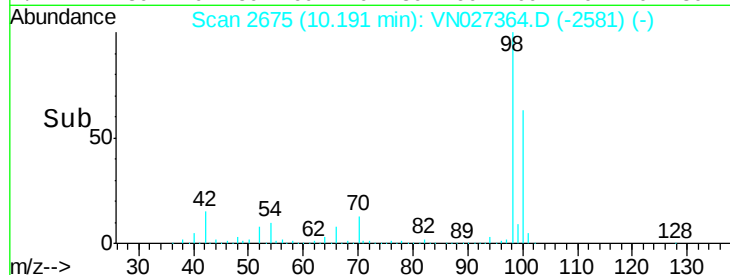
0

10.10

10.20

10.30

Time-->



#53

Toluene

Concen: 6.76 ug/l

RT: 10.26 min Scan# 2696

Delta R.T. 0.00 min

Lab File: VN027364.D

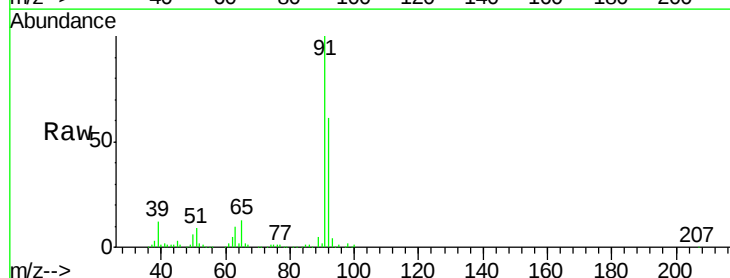
Acq: 22 Sep 2015 7:34

Tgt Ion: 92 Resp: 160782

Ion Ratio Lower Upper

92 100

91 174.3 141.4 212.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

150000

100000

50000

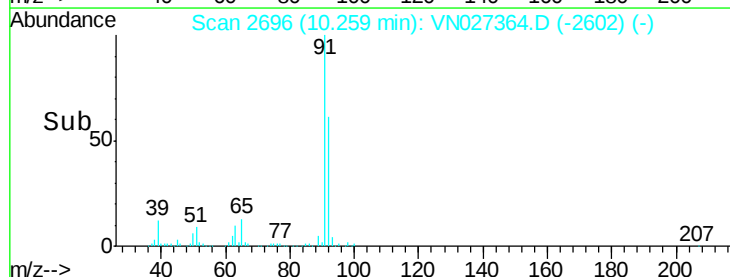
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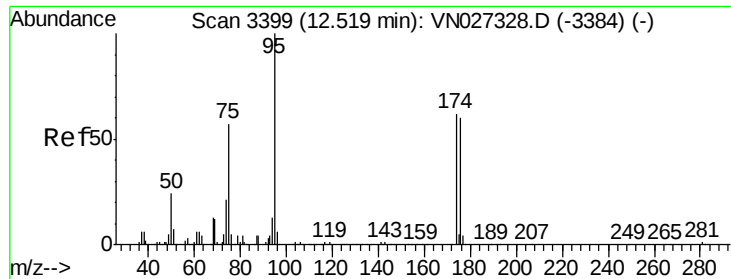
10.20

10.30

10.40

Time-->

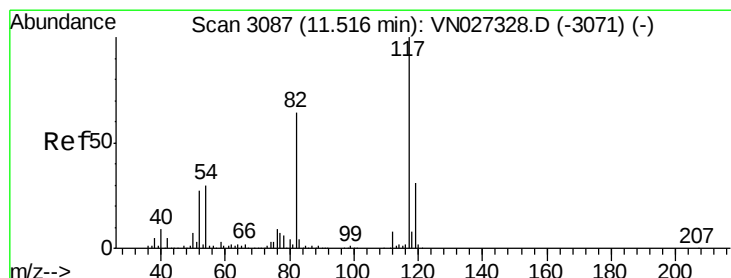
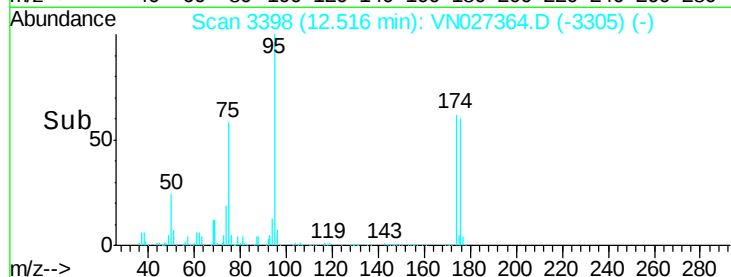
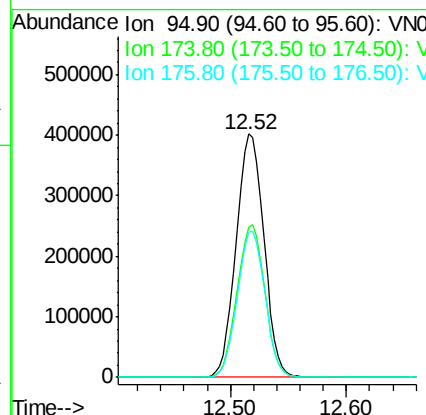
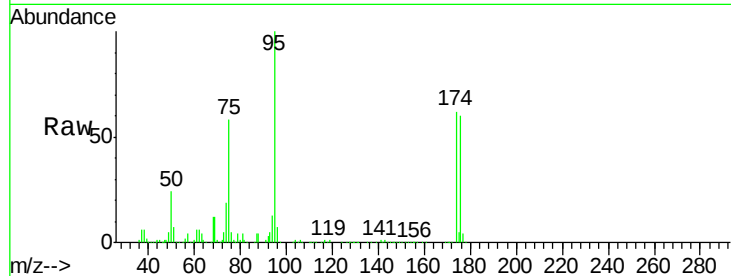




#63
4-Bromofluorobenzene
Concen: 56.40 ug/l
RT: 12.52 min Scan# 3398
Delta R.T. -0.00 min
Lab File: VN027364.D
Acq: 22 Sep 2015 7:34

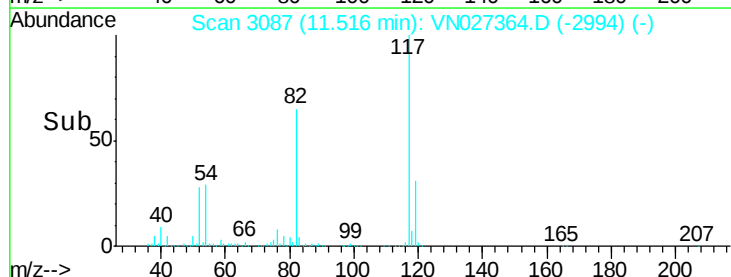
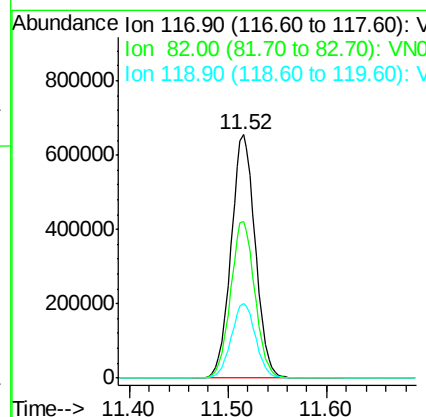
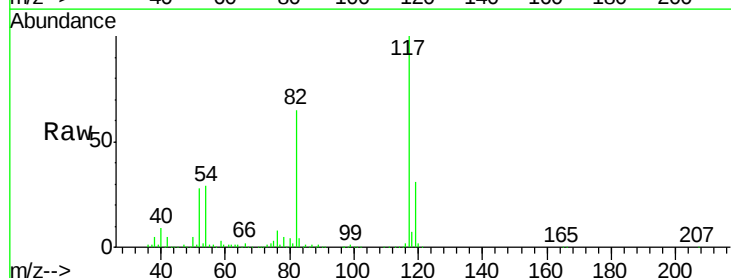
Instrument :
MSVOA_N
ClientSampled :
MW-12B

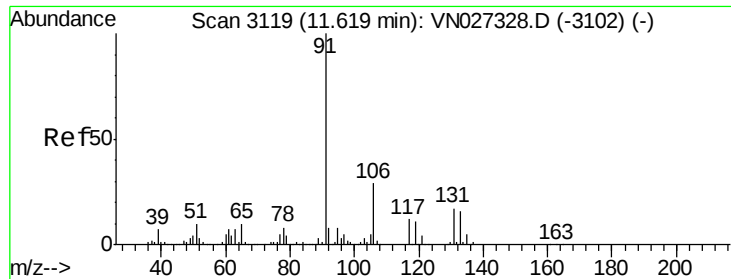
Tot Ion: 95 Resp: 664462
Ion Ratio Lower Upper
95 100
174 62.5 0.0 137.0
176 59.7 0.0 130.8



#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027364.D
Acq: 22 Sep 2015 7:34

Tgt Ion: 117 Resp: 1124917
Ion Ratio Lower Upper
117 100
82 64.5 49.6 74.4
119 30.9 24.6 36.8





#68

Ethyl Benzene

Concen: 11.71 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. 0.00 min

Lab File: VN027364.D

Acq: 22 Sep 2015 7:34

Instrument :

MSVOA_N

ClientSampled :

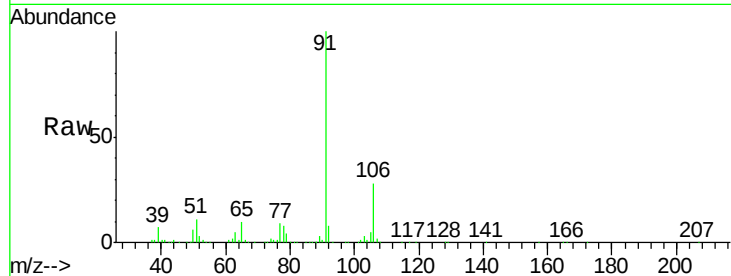
MW-12B

Tot Ion: 91 Resp: 532955

Ion Ratio Lower Upper

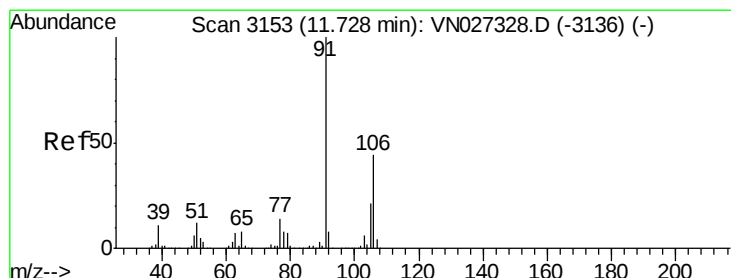
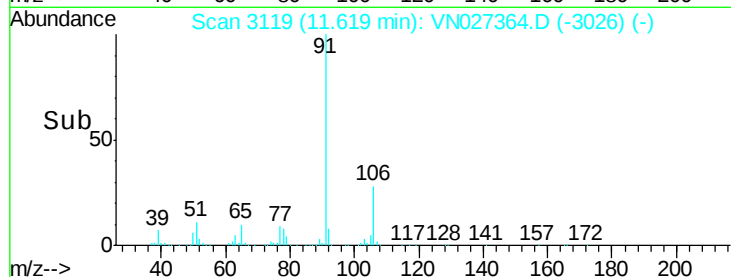
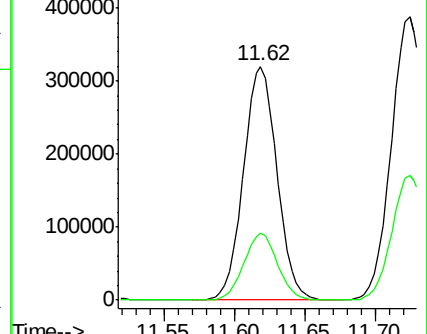
91 100

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: 19.74 ug/l

RT: 11.72 min Scan# 3152

Delta R.T. -0.00 min

Lab File: VN027364.D

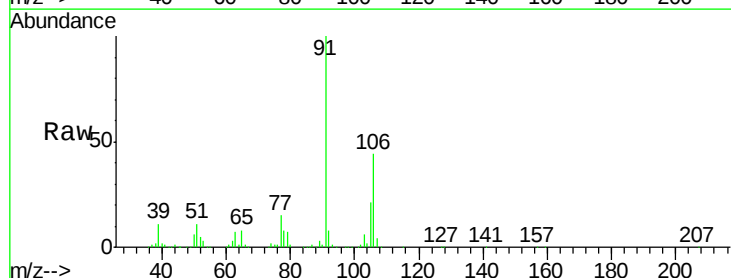
Acq: 22 Sep 2015 7:34

Tgt Ion: 106 Resp: 311402

Ion Ratio Lower Upper

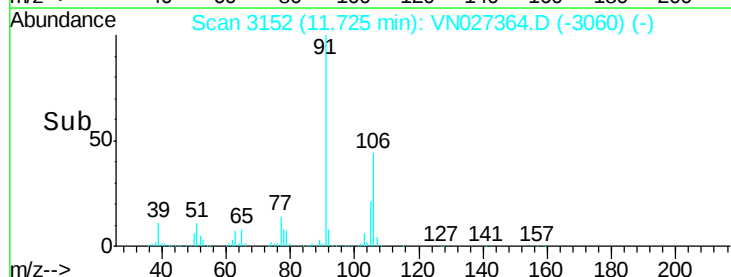
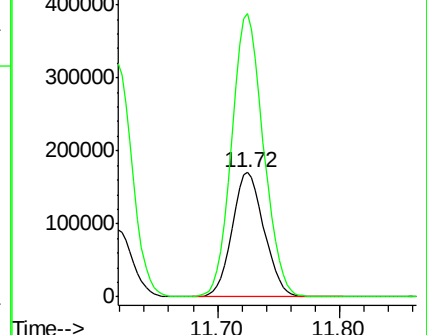
106 100

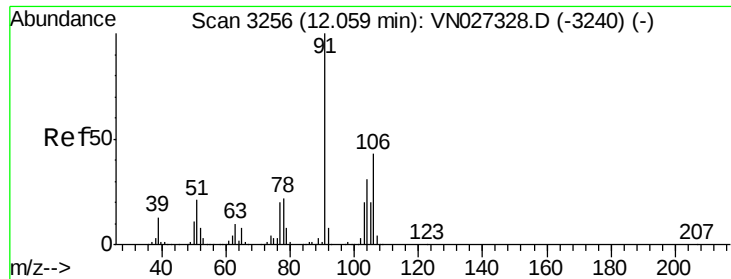
91 225.7 167.1 250.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

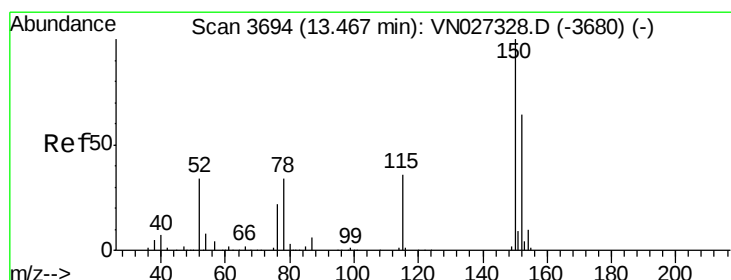
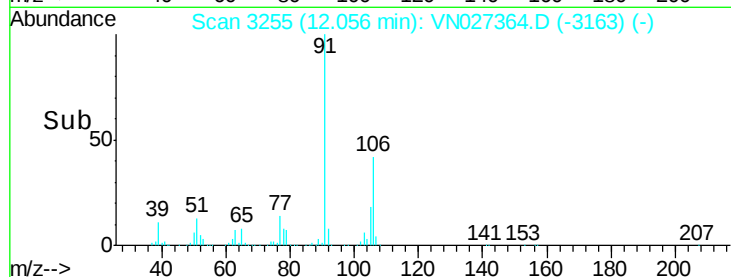
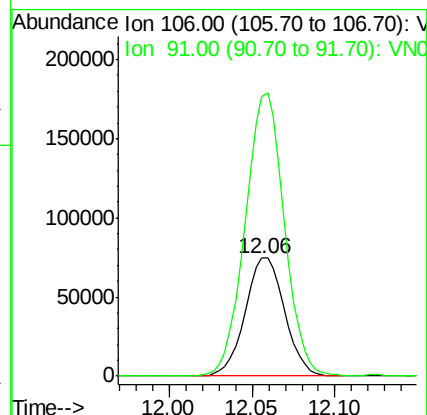
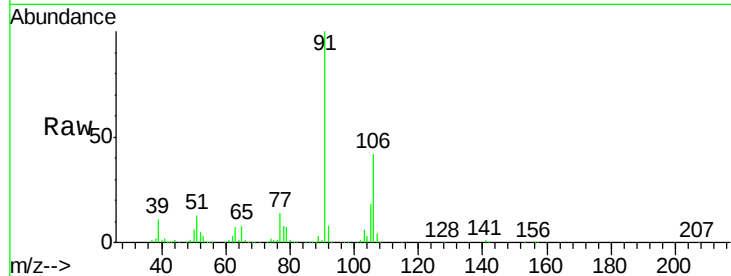




#70
o-Xylene
Concen: 7.75 ug/l
RT: 12.06 min Scan# 3255
Delta R.T. -0.00 min
Lab File: VN027364.D
Acq: 22 Sep 2015 7:34

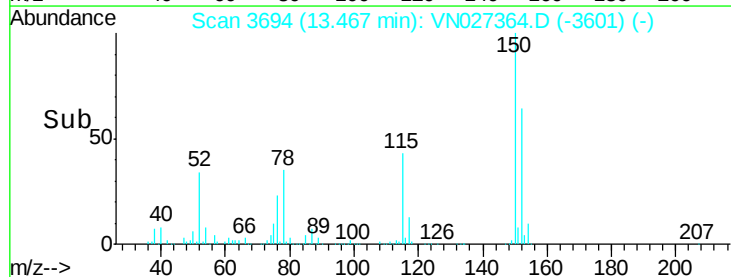
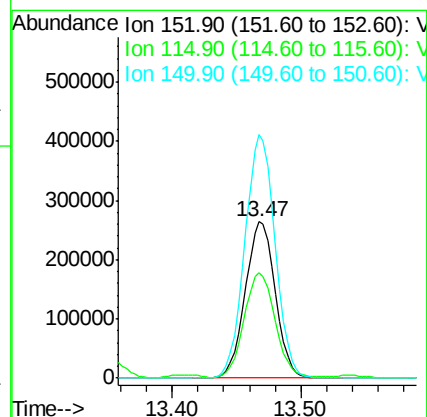
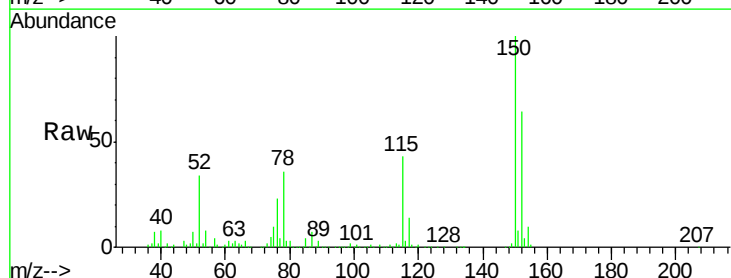
Instrument :
MSVOA_N
ClientSampled :
MW-12B

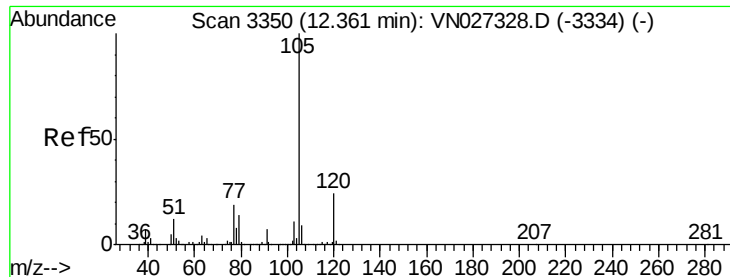
Tot Ion:106 Resp: 123529
Ion Ratio Lower Upper
106 100
91 236.7 110.7 331.9



#73
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.47 min Scan# 3694
Delta R.T. 0.00 min
Lab File: VN027364.D
Acq: 22 Sep 2015 7:34

Tgt Ion:152 Resp: 427426
Ion Ratio Lower Upper
152 100
115 69.3 30.8 92.3
150 156.7 0.0 345.0





#74

Isopropylbenzene

Concen: 4.51 ug/l

RT: 12.36 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VN027364.D

Acq: 22 Sep 2015 7:34

Instrument :

MSVOA_N

ClientSampled :

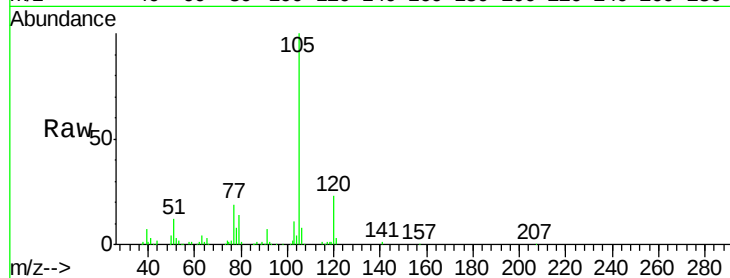
MW-12B

Tot Ion:105 Resp: 192986

Ion Ratio Lower Upper

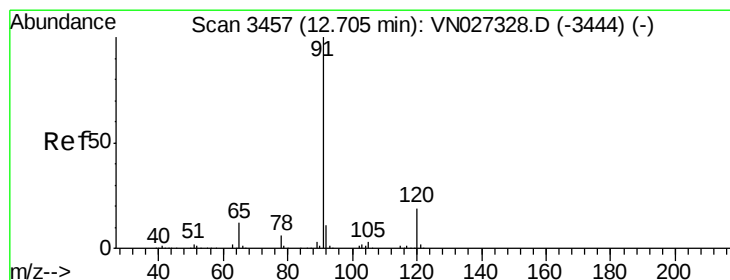
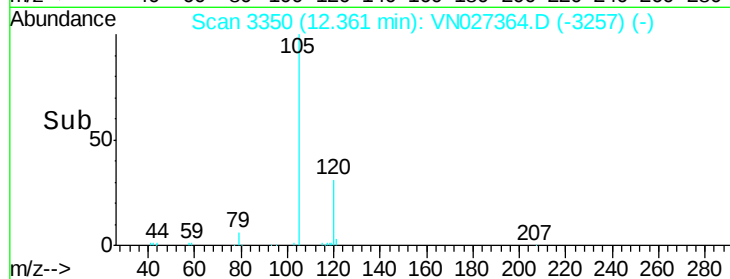
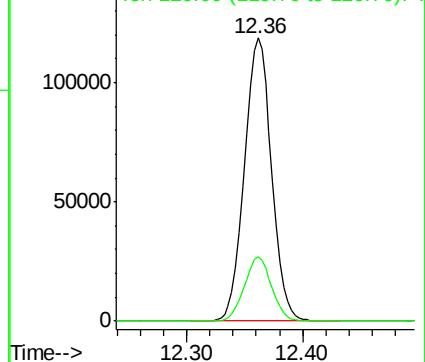
105 100

120 22.9 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: 0.50 ug/l

RT: 12.71 min Scan# 3457

Delta R.T. 0.00 min

Lab File: VN027364.D

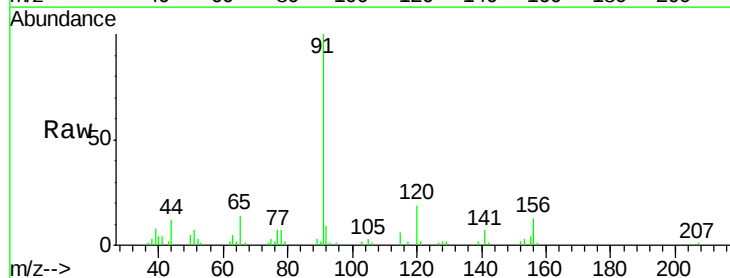
Acq: 22 Sep 2015 7:34

Tgt Ion: 91 Resp: 25299

Ion Ratio Lower Upper

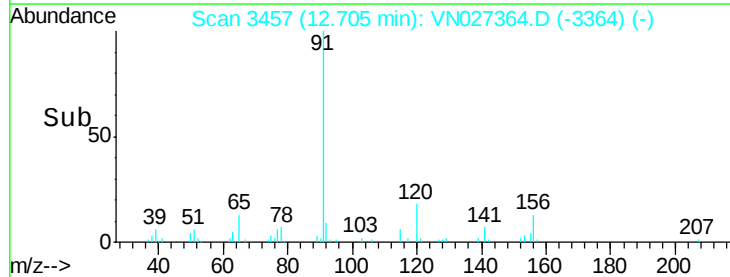
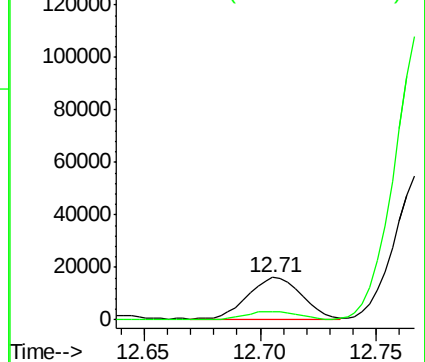
91 100

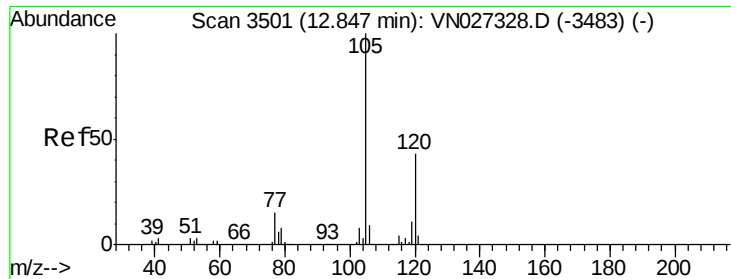
120 21.7 10.3 30.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

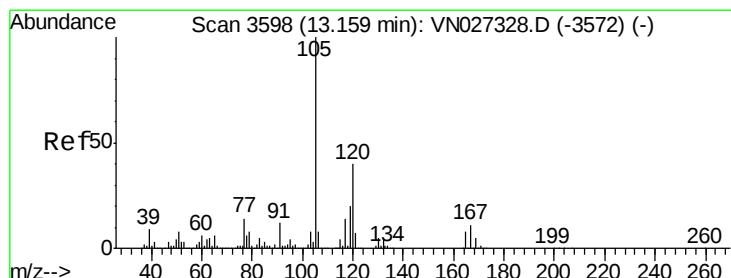
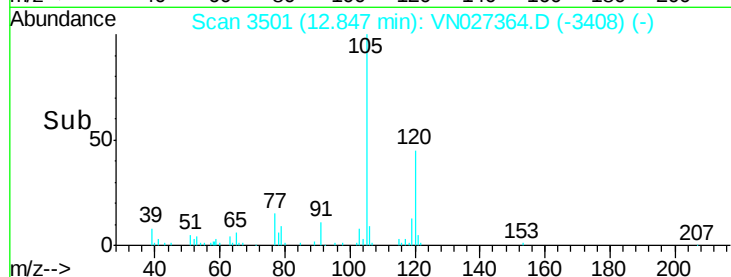
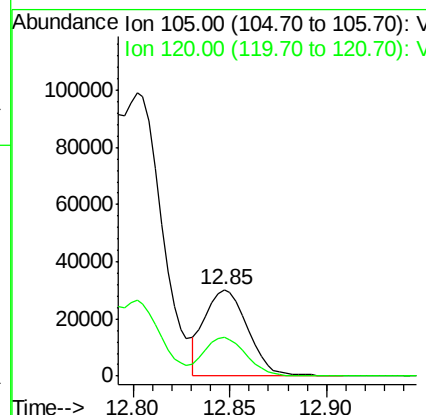
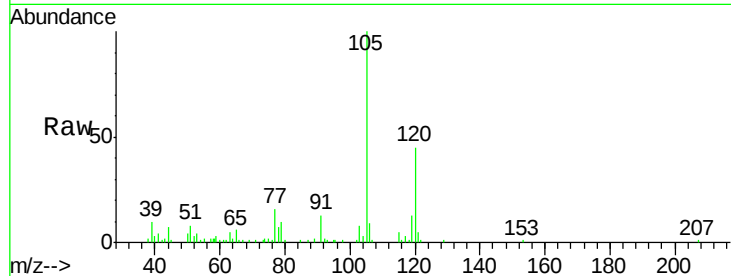




#81
 1,3,5-Trimethylbenzene
 Concen: 1.34 ug/l
 RT: 12.85 min Scan# 3501
 Delta R.T. 0.00 min
 Lab File: VN027364.D
 Acq: 22 Sep 2015 7:34

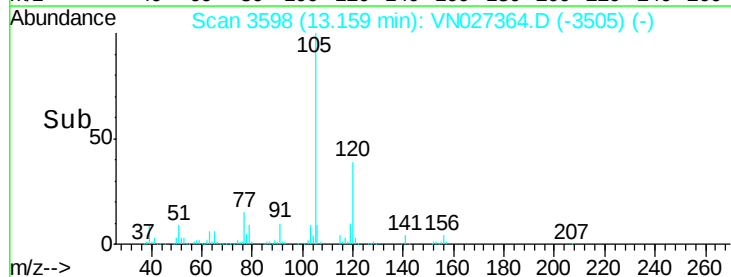
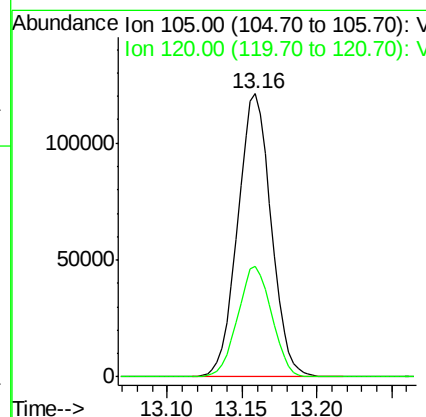
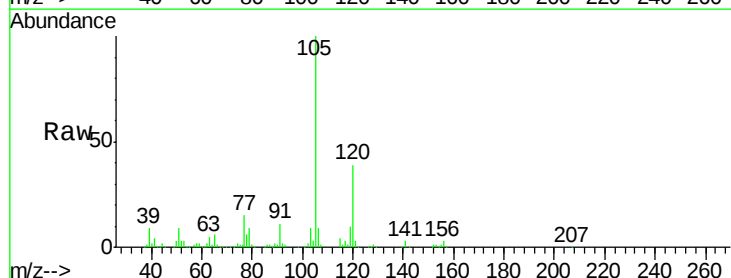
Instrument :
 MSVOA_N
 ClientSampled :
 MW-12B

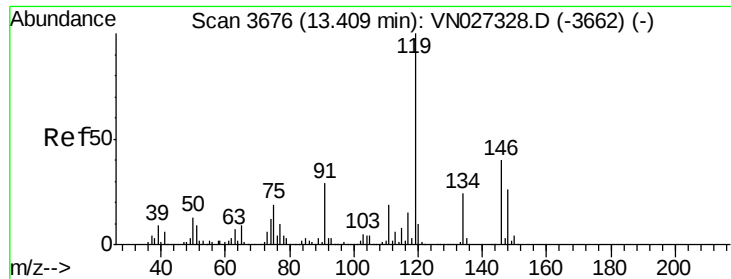
Tot Ion:105 Resp: 46211
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.4 70.0



#85
 1,2,4-Trimethylbenzene
 Concen: 5.48 ug/l
 RT: 13.16 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN027364.D
 Acq: 22 Sep 2015 7:34

Tgt Ion:105 Resp: 188807
 Ion Ratio Lower Upper
 105 100
 120 39.9 21.9 65.5

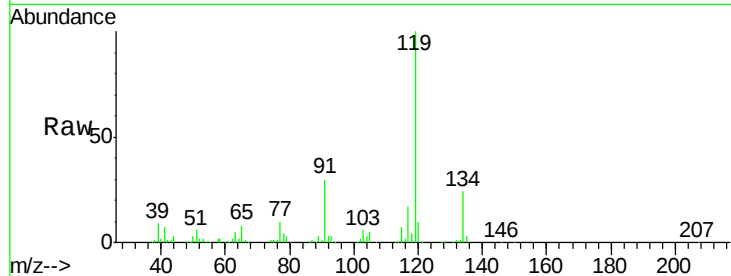




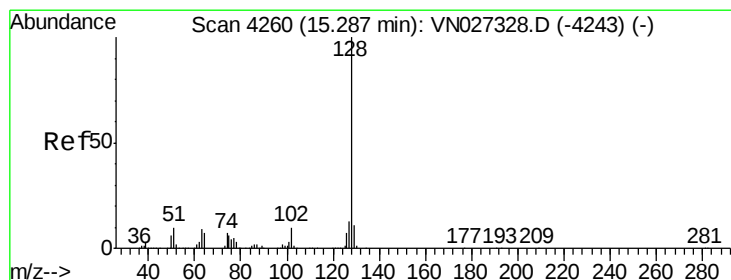
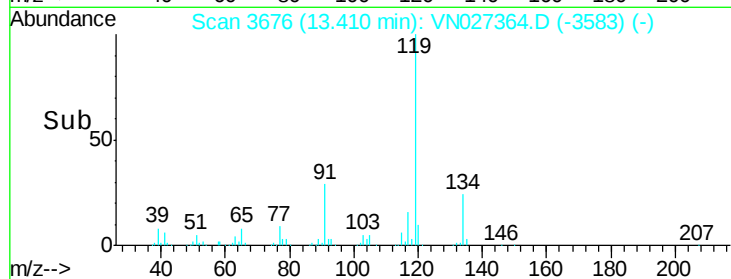
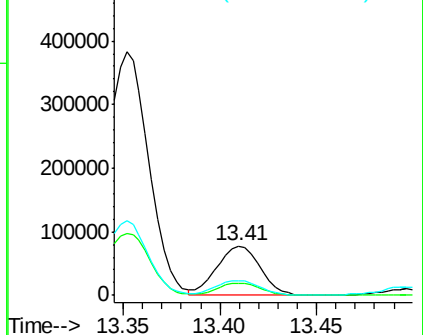
#87
 p-Isopropyltoluene
 Concen: 3.86 ug/l
 RT: 13.41 min Scan# 3676
 Delta R.T. 0.00 min
 Lab File: VN027364.D
 Acq: 22 Sep 2015 7:34

Instrument :
 MSVOA_N
 ClientSampled :
 MW-12B

Tot Ion:119 Resp: 120371
 Ion Ratio Lower Upper
 119 100
 134 24.3 12.4 37.0
 91 30.0 12.0 36.1

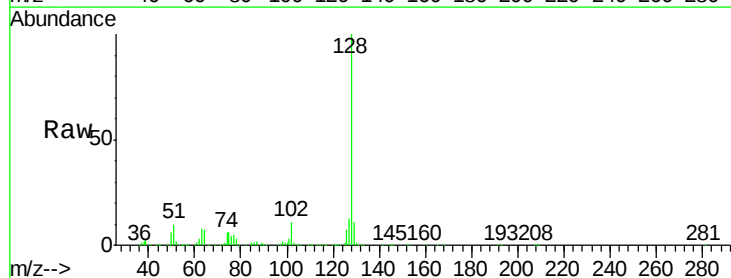


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V



#96
 Naphthalene
 Concen: 57.83 ug/l
 RT: 15.29 min Scan# 4260
 Delta R.T. 0.00 min
 Lab File: VN027364.D
 Acq: 22 Sep 2015 7:34

Tgt Ion:128 Resp: 1337181
 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

