

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN092115\
 Data File : VN027365.D
 Acq On : 22 Sep 2015 8:02
 Operator : MD\FY
 Sample : G3754-04DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6BDL

Quant Time: Sep 22 14:24:20 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	712653	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1294834	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1142181	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	443353	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	732788	52.53	ug/l	0.00
Spiked Amount			Recovery	=	105.06%	
36) Dibromofluoromethane	7.68	113	465146	55.06	ug/l	0.00
Spiked Amount			Recovery	=	110.12%	
51) Toluene-d8	10.19	98	1911131	58.51	ug/l	0.00
Spiked Amount			Recovery	=	117.02%	
63) 4-Bromofluorobenzene	12.52	95	676710	57.03	ug/l	0.00
Spiked Amount			Recovery	=	114.06%	

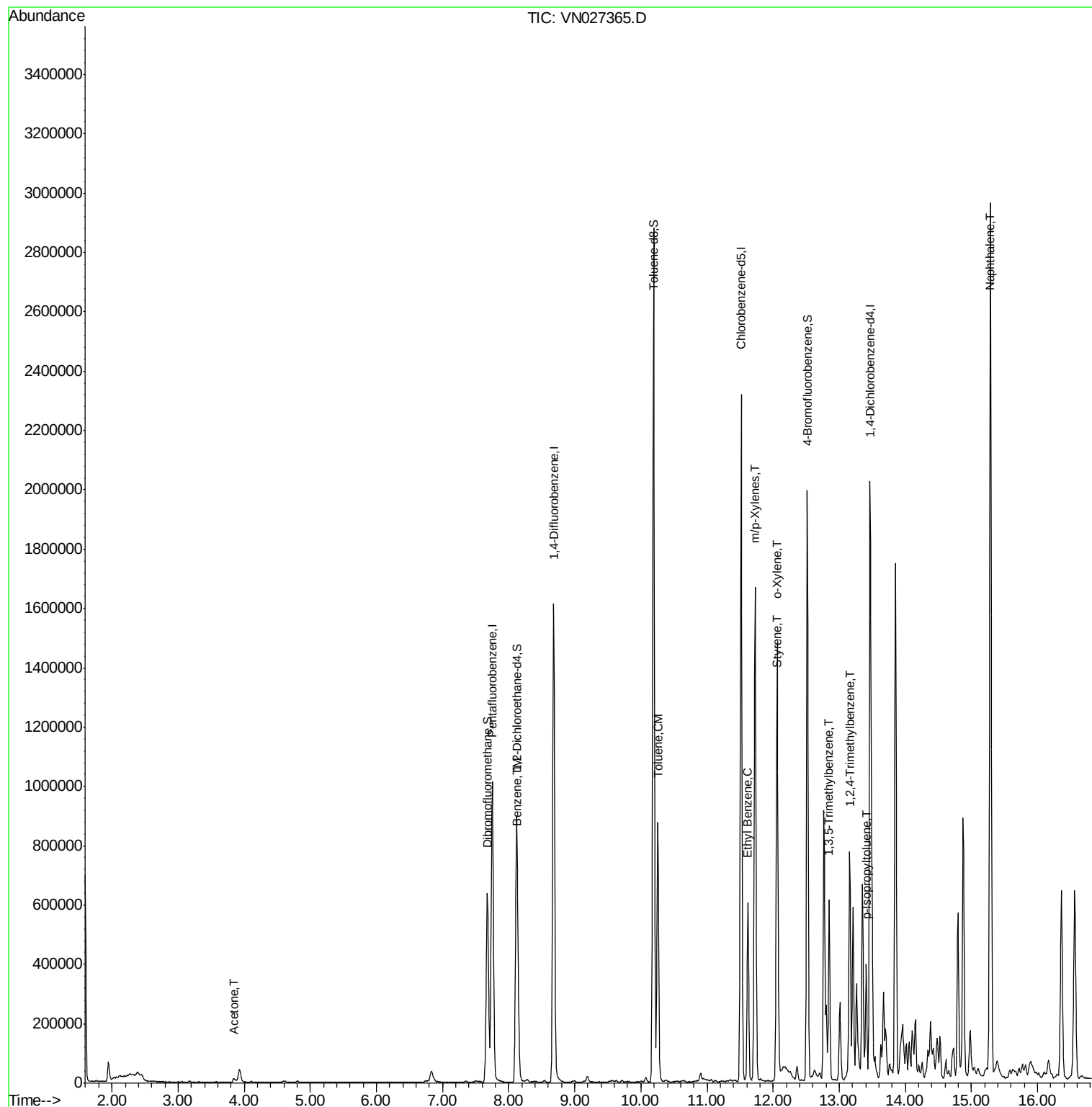
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
17) Acetone	3.85	43	25395	6.69	ug/l	98
41) Benzene	8.14	78	165707	4.09	ug/l	100
53) Toluene	10.26	92	359901	15.02	ug/l	98
68) Ethyl Benzene	11.62	91	422550	9.15	ug/l	98
69) m/p-Xylenes	11.73	106	478498	29.88	ug/l	89
70) o-Xylene	12.06	106	346270	21.40	ug/l	90
71) Styrene	12.08	104	127681	4.96	ug/l #	54
81) 1,3,5-Trimethylbenzene	12.85	105	313737	8.74	ug/l	96
85) 1,2,4-Trimethylbenzene	13.16	105	414344	11.60	ug/l	94
87) p-Isopropyltoluene	13.41	119	200206	6.19	ug/l	93
96) Naphthalene	15.29	128	2269933	92.21	ug/l	100

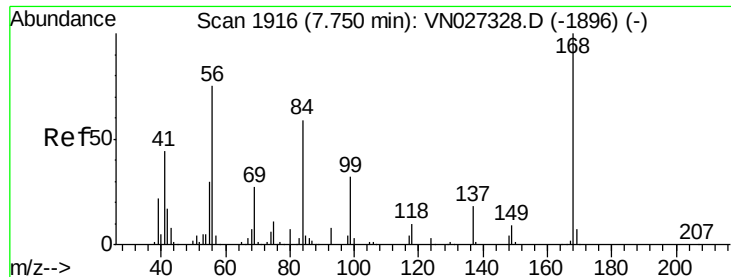
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN027365.D

Acq: 22 Sep 2015 8:02

Instrument :

MSVOA_N

ClientSampled :

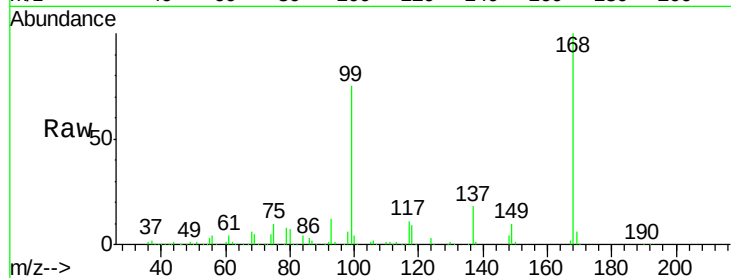
MW-6BDL

Tot Ion:168 Resp: 712653

Ion Ratio Lower Upper

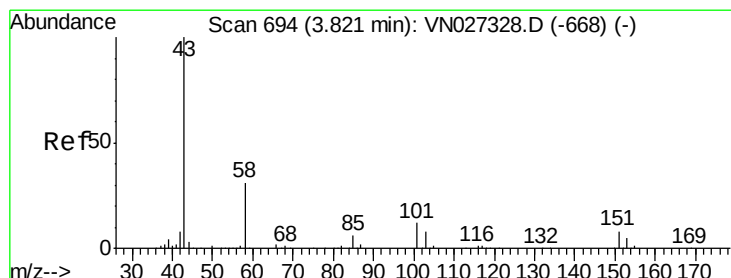
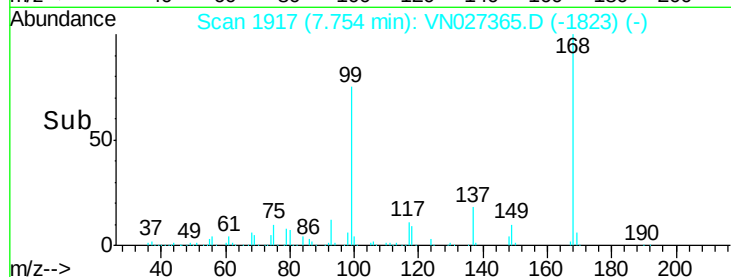
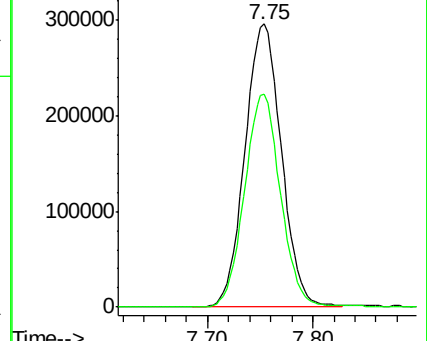
168 100

99 75.2 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: 6.69 ug/l

RT: 3.85 min Scan# 702

Delta R.T. 0.03 min

Lab File: VN027365.D

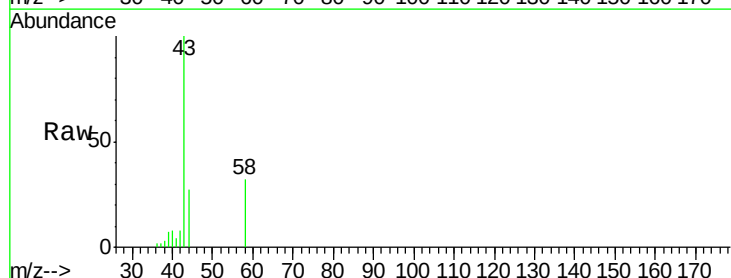
Acq: 22 Sep 2015 8:02

Tgt Ion: 43 Resp: 25395

Ion Ratio Lower Upper

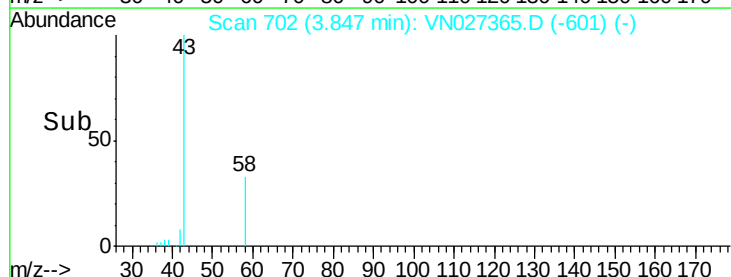
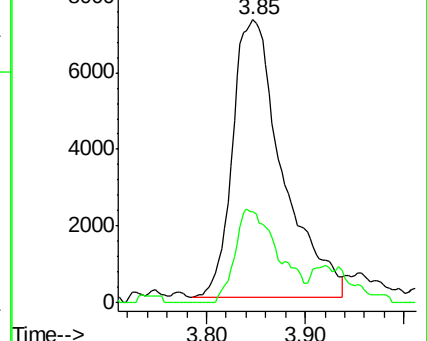
43 100

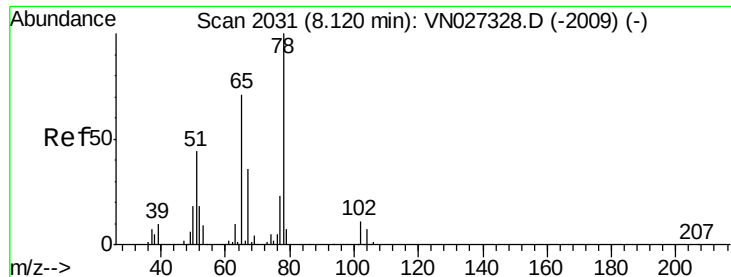
58 33.0 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

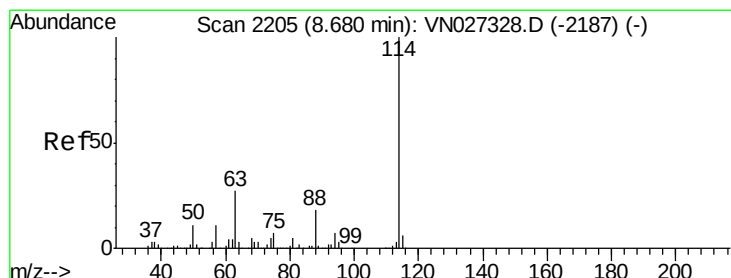
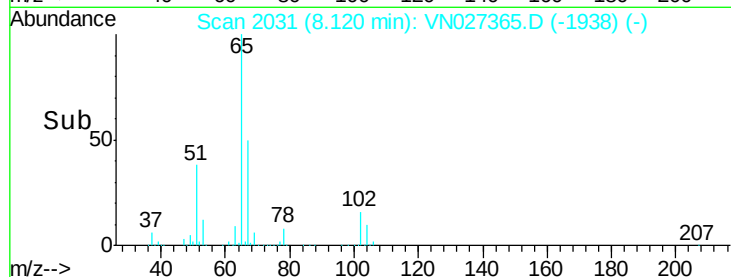
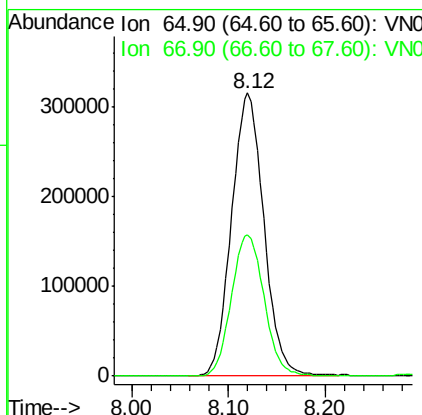
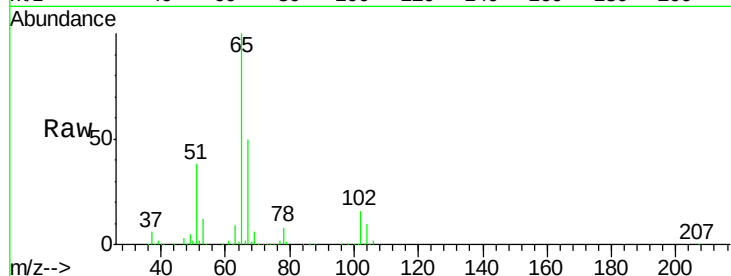




#34
 1,2-Dichloroethane-d4
 Concen: 52.53 ug/l
 RT: 8.12 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: VN027365.D
 Acq: 22 Sep 2015 8:02

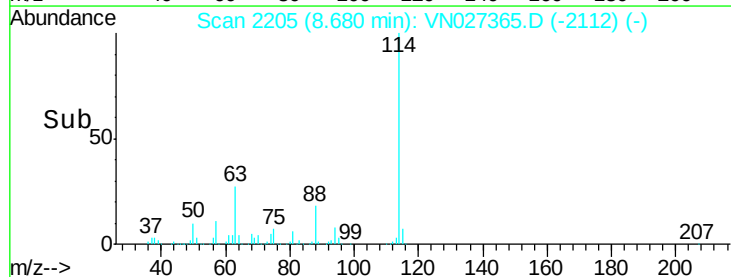
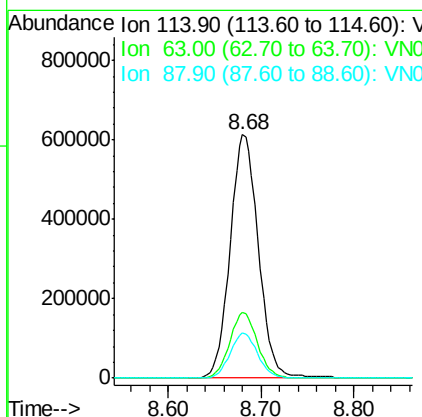
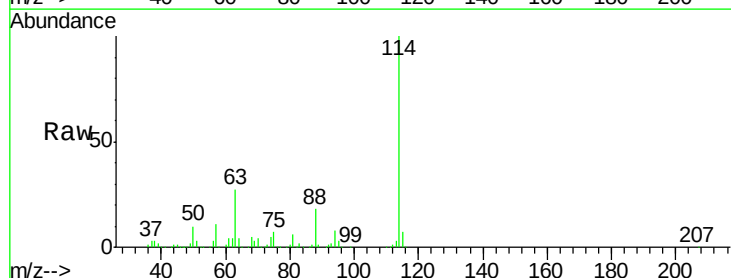
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6BDL

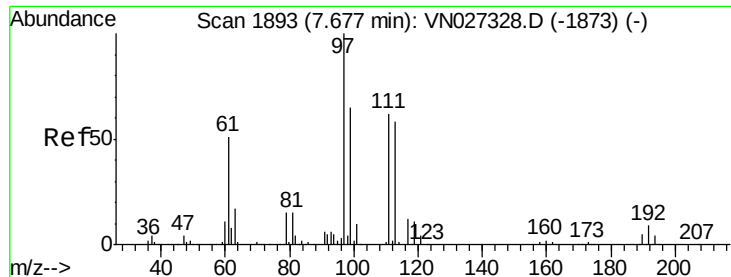
Tot Ion: 65 Resp: 732788
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 110.6



#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: VN027365.D
 Acq: 22 Sep 2015 8:02

Tgt Ion: 114 Resp: 1294834
 Ion Ratio Lower Upper
 114 100
 63 26.9 0.0 48.8
 88 18.4 0.0 32.2

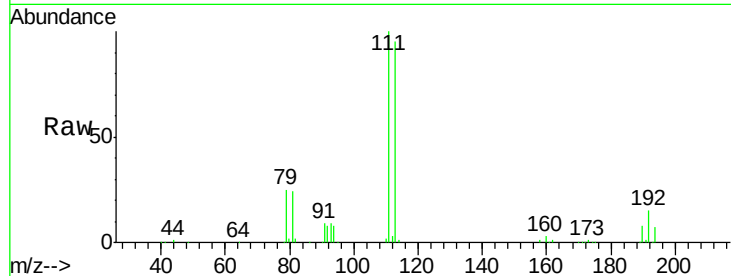




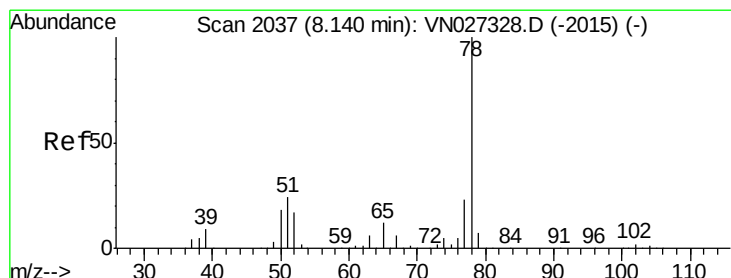
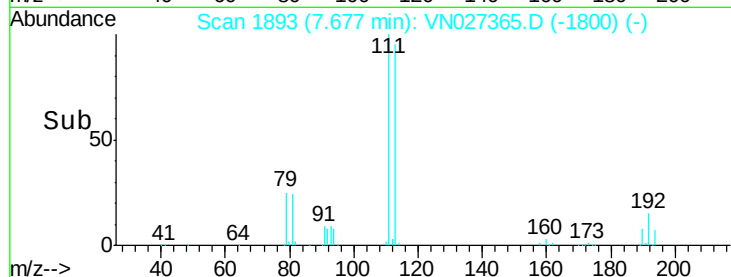
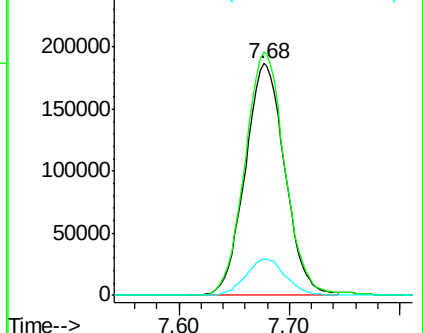
#36
 Dibromofluoromethane
 Concen: 55.06 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. -0.00 min
 Lab File: VN027365.D
 Acq: 22 Sep 2015 8:02

Instrument :
 MSVOA_N
 ClientSampled :
 MW-6BDL

Tot Ion:113 Resp: 465146
 Ion Ratio Lower Upper
 113 100
 111 106.3 83.0 124.4
 192 15.8 14.1 21.1

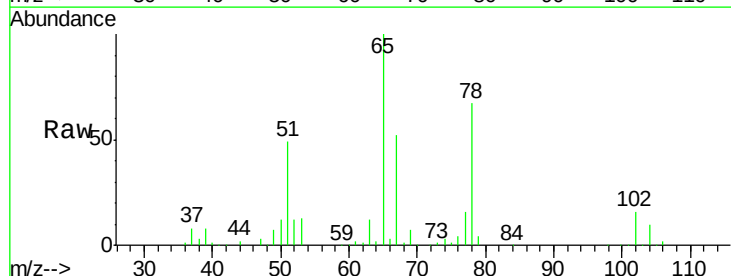


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

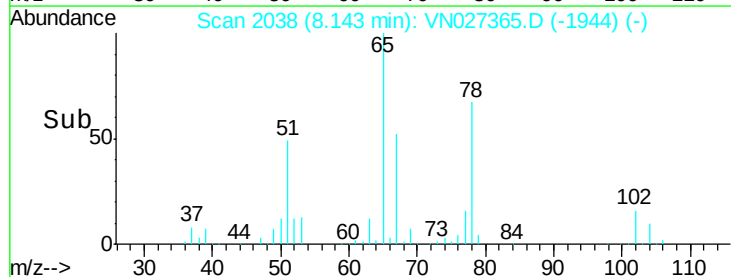
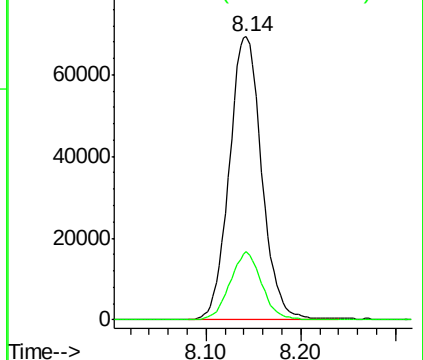


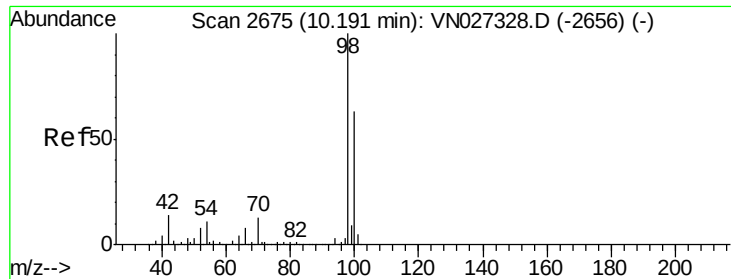
#41
 Benzene
 Concen: 4.09 ug/l
 RT: 8.14 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: VN027365.D
 Acq: 22 Sep 2015 8:02

Tgt Ion: 78 Resp: 165707
 Ion Ratio Lower Upper
 78 100
 77 23.9 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: 58.51 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027365.D

Acq: 22 Sep 2015 8:02

Instrument :

MSVOA_N

ClientSampleId :

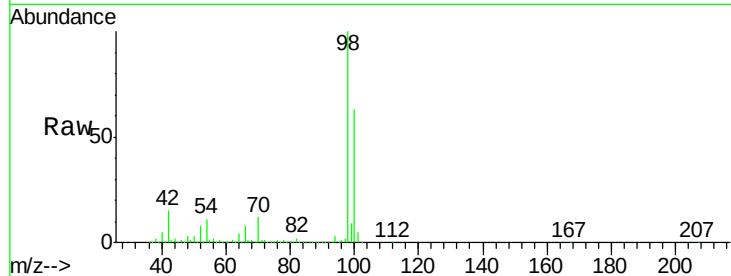
MW-6BDL

Tot Ion: 98 Resp: 1911131

Ion Ratio Lower Upper

98 100

100 63.3 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

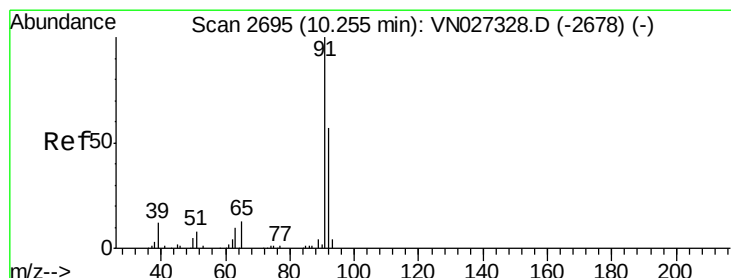
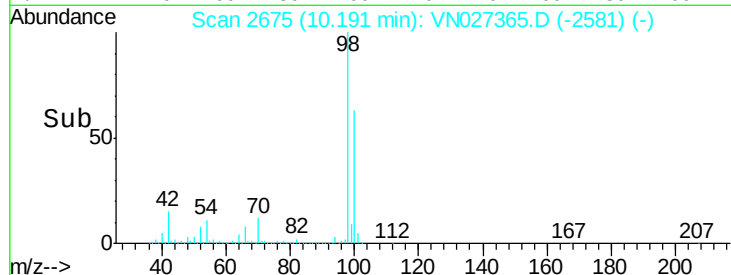
400000

200000

0

10.10 10.20 10.30

Time-->



#53

Toluene

Concen: 15.02 ug/l

RT: 10.26 min Scan# 2695

Delta R.T. -0.00 min

Lab File: VN027365.D

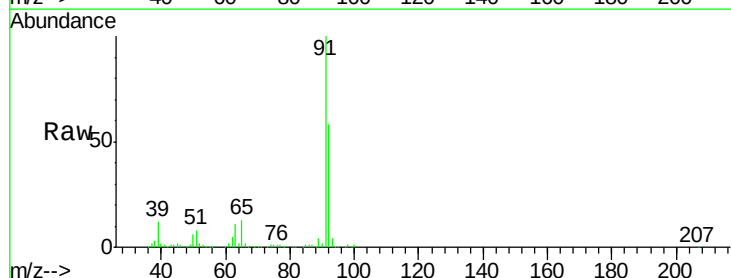
Acq: 22 Sep 2015 8:02

Tgt Ion: 92 Resp: 359901

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

400000

300000

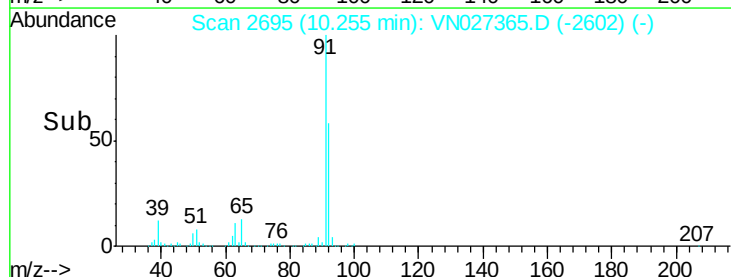
200000

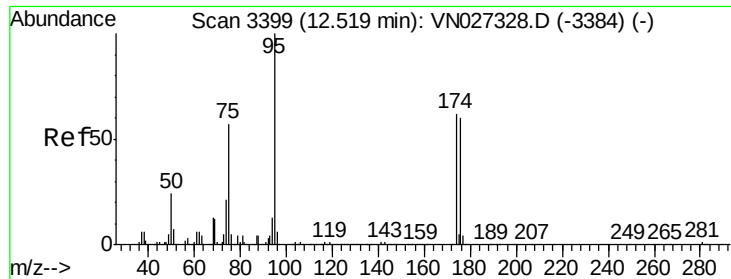
100000

0

10.20 10.30

Time-->

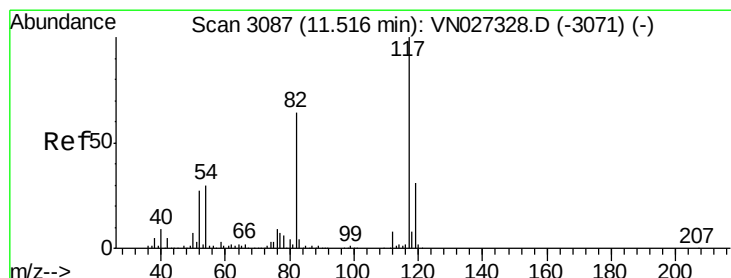
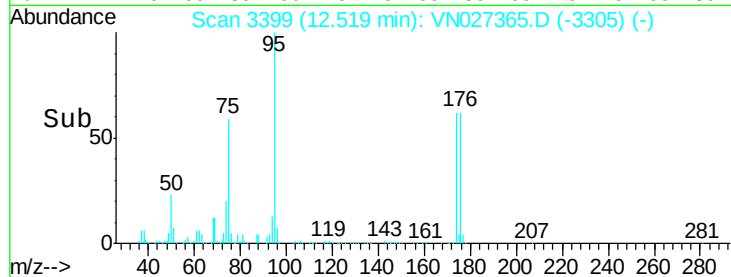
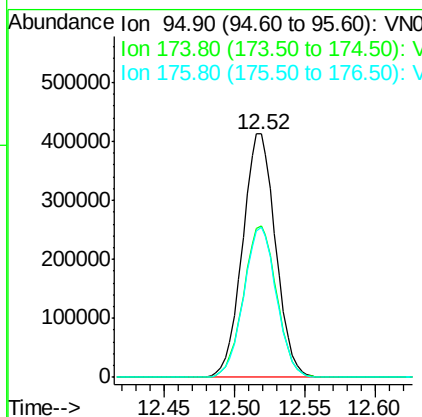
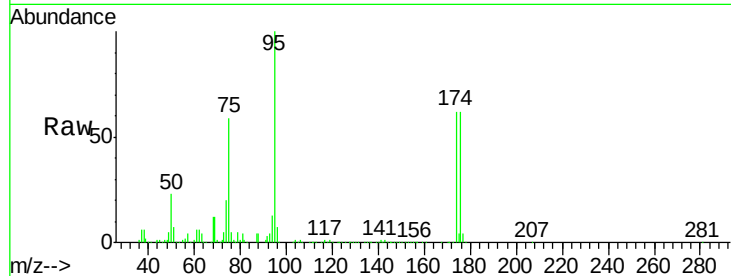




#63
4-Bromofluorobenzene
Concen: 57.03 ug/l
RT: 12.52 min Scan# 3399
Delta R.T. 0.00 min
Lab File: VN027365.D
Acq: 22 Sep 2015 8:02

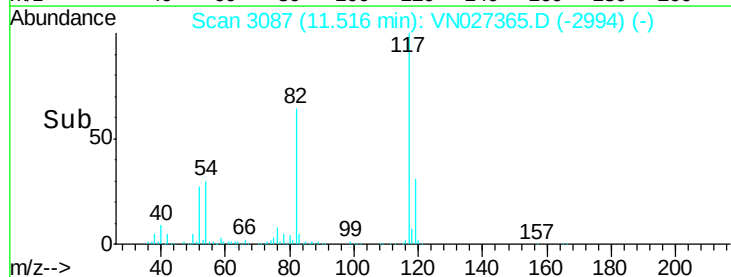
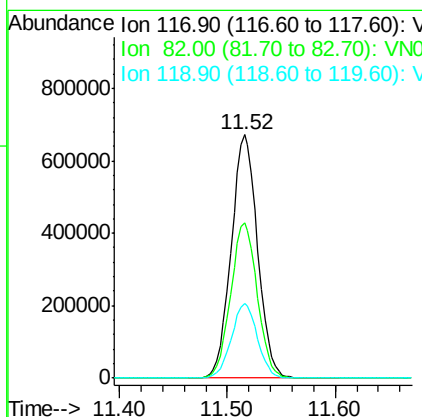
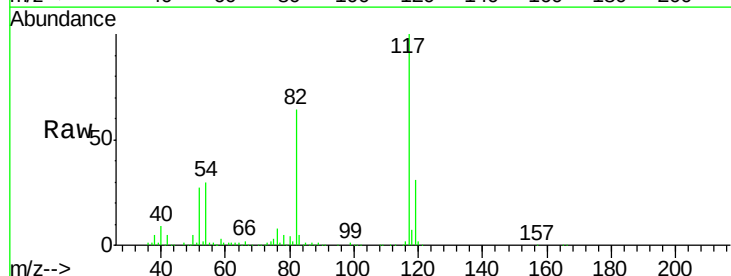
Instrument :
MSVOA_N
ClientSampled :
MW-6BDL

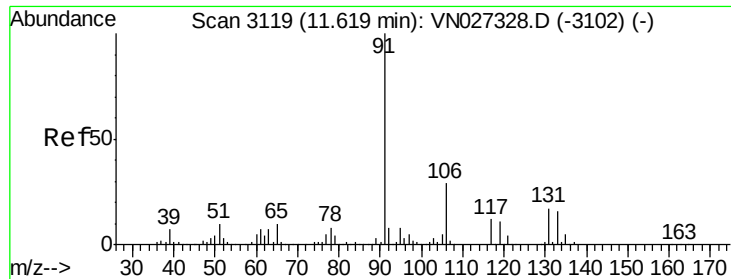
Tot Ion: 95 Resp: 676710
Ion Ratio Lower Upper
95 100
174 62.6 0.0 137.0
176 61.2 0.0 130.8



#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. -0.00 min
Lab File: VN027365.D
Acq: 22 Sep 2015 8:02

Tgt Ion: 117 Resp: 1142181
Ion Ratio Lower Upper
117 100
82 64.0 49.6 74.4
119 30.6 24.6 36.8





#68

Ethyl Benzene

Concen: 9.15 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. -0.00 min

Lab File: VN027365.D

Acq: 22 Sep 2015 8:02

Instrument :

MSVOA_N

ClientSampled :

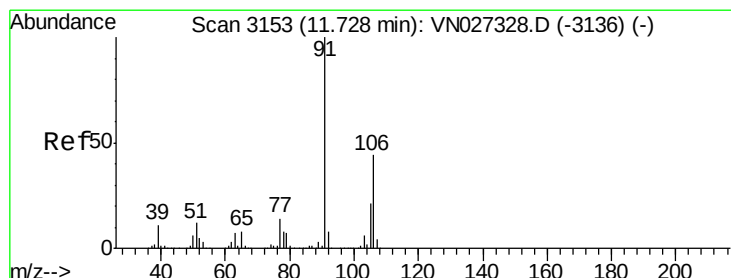
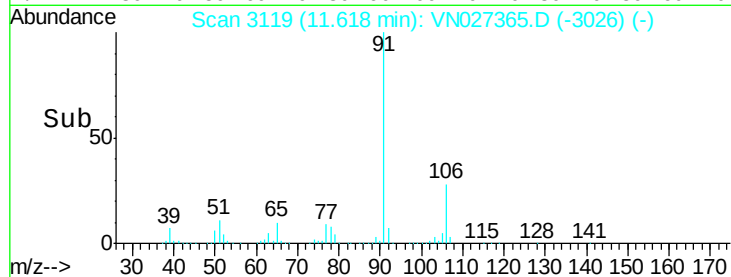
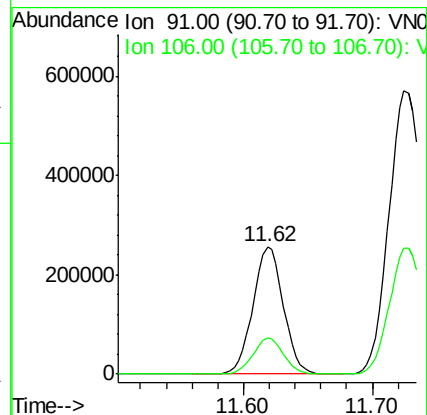
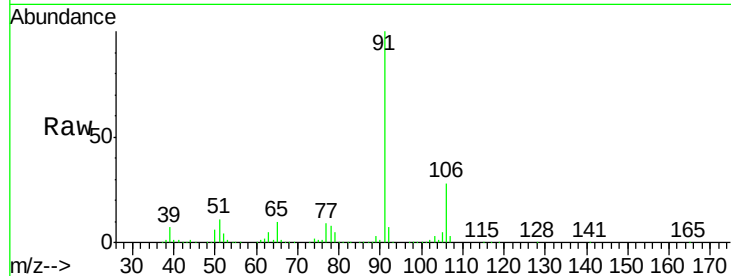
MW-6BDL

Tot Ion: 91 Resp: 422550

Ion Ratio Lower Upper

91 100

106 28.0 23.1 34.7



#69

m/p-Xylenes

Concen: 29.88 ug/l

RT: 11.73 min Scan# 3153

Delta R.T. -0.00 min

Lab File: VN027365.D

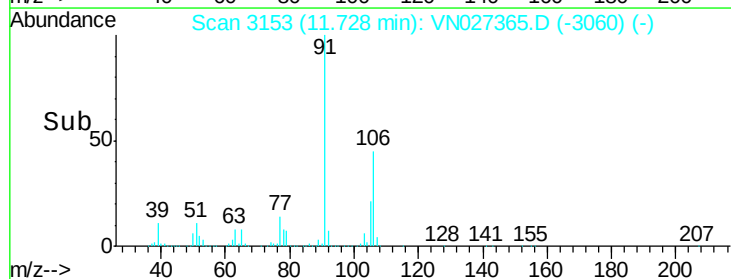
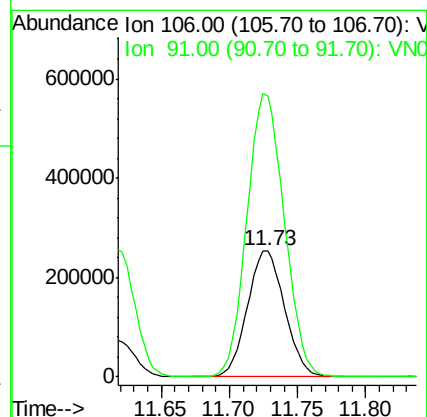
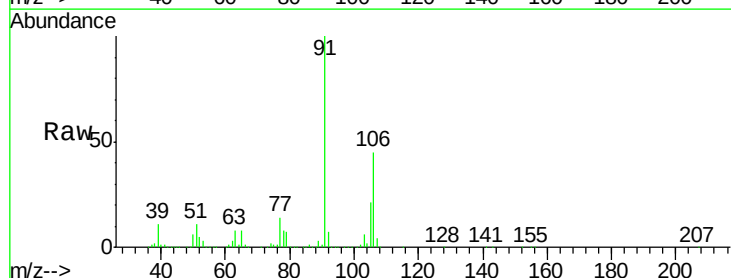
Acq: 22 Sep 2015 8:02

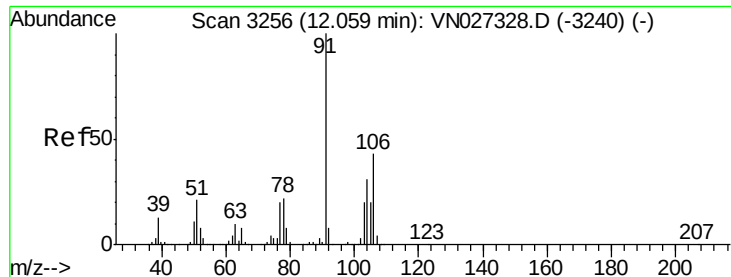
Tgt Ion: 106 Resp: 478498

Ion Ratio Lower Upper

106 100

91 226.2 167.1 250.7

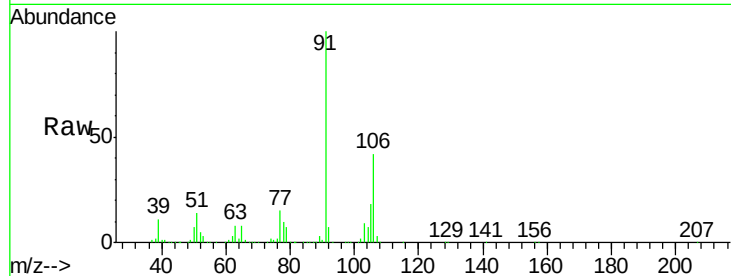




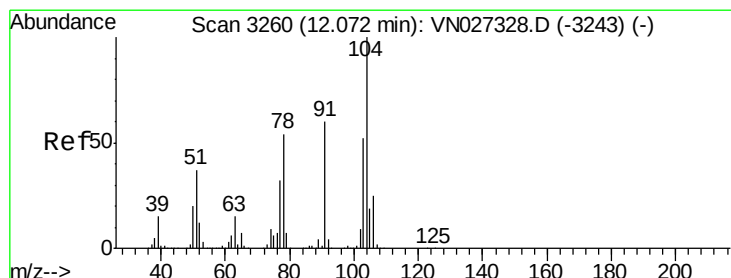
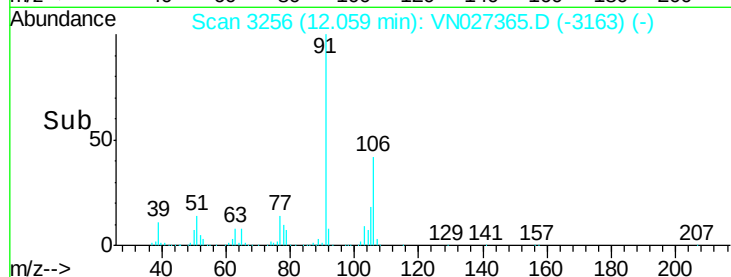
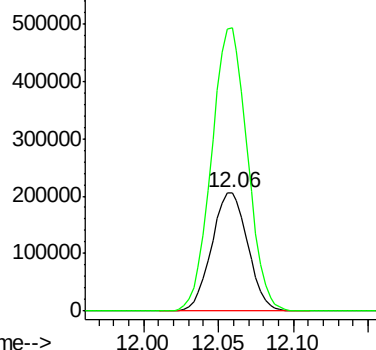
#70
o-Xylene
Concen: 21.40 ug/l
RT: 12.06 min Scan# 3256
Delta R.T. -0.00 min
Lab File: VN027365.D
Acq: 22 Sep 2015 8:02

Instrument :
MSVOA_N
ClientSampled :
MW-6BDL

Tot Ion:106 Resp: 346270
Ion Ratio Lower Upper
106 100
91 237.2 110.7 331.9

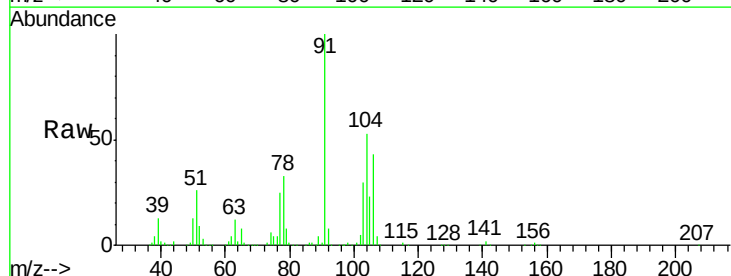


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

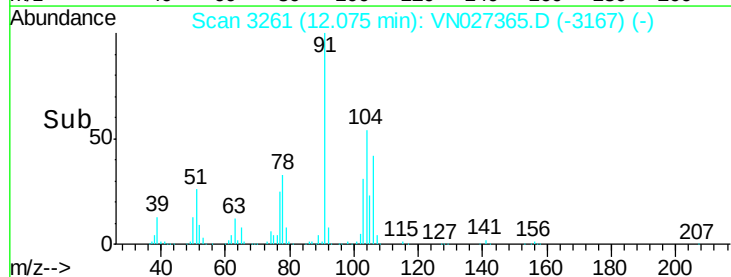
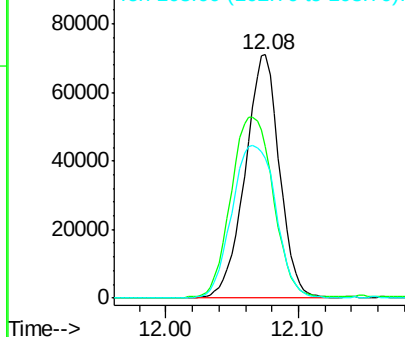


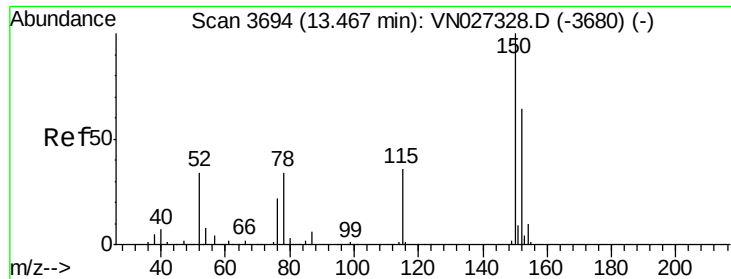
#71
Styrene
Concen: 4.96 ug/l
RT: 12.08 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN027365.D
Acq: 22 Sep 2015 8:02

Tgt Ion:104 Resp: 127681
Ion Ratio Lower Upper
104 100
78 92.2 41.6 62.4#
103 80.6 44.2 66.2#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V





#73

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.47 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN027365.D

Acq: 22 Sep 2015 8:02

Instrument :

MSVOA_N

ClientSampled :

MW-6BDL

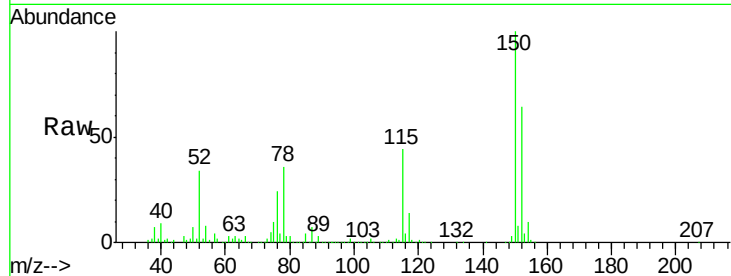
Tot Ion:152 Resp: 443353

Ion Ratio Lower Upper

152 100

115 70.4 30.8 92.3

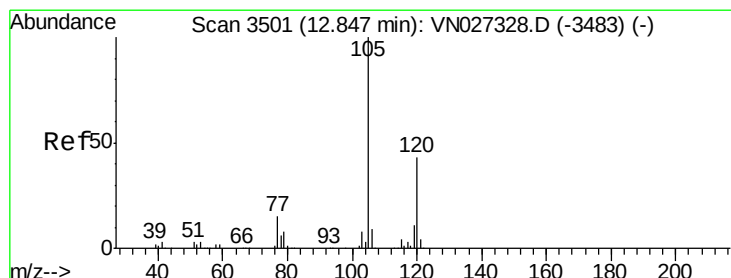
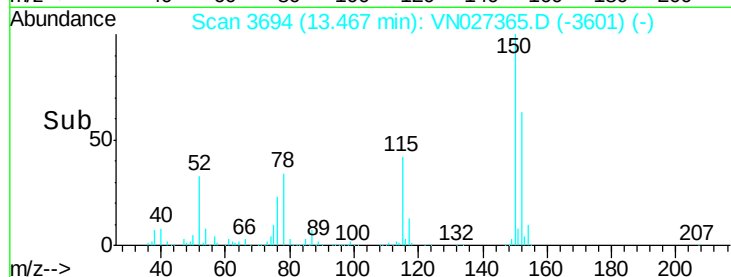
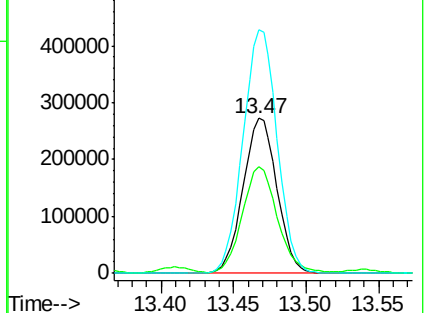
150 157.8 0.0 345.0



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



#81

1,3,5-Trimethylbenzene

Concen: 8.74 ug/l

RT: 12.85 min Scan# 3501

Delta R.T. -0.00 min

Lab File: VN027365.D

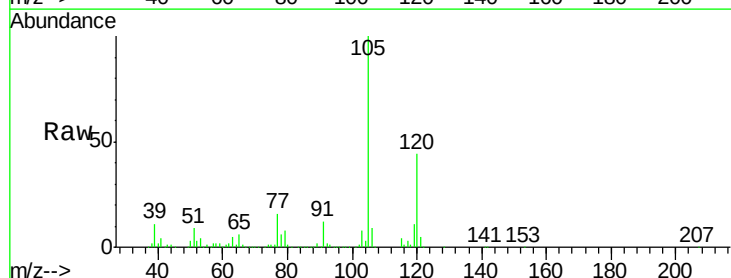
Acq: 22 Sep 2015 8:02

Tgt Ion:105 Resp: 313737

Ion Ratio Lower Upper

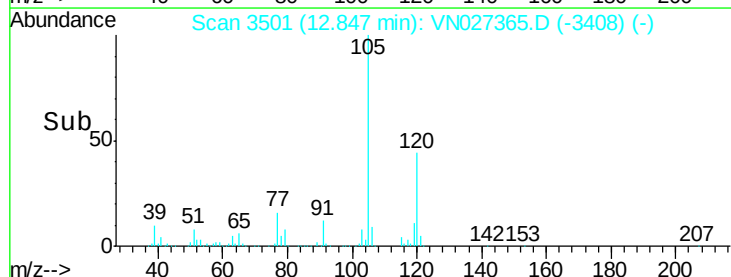
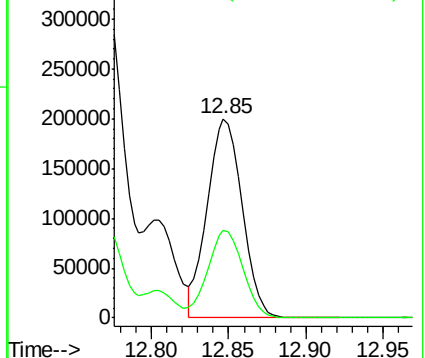
105 100

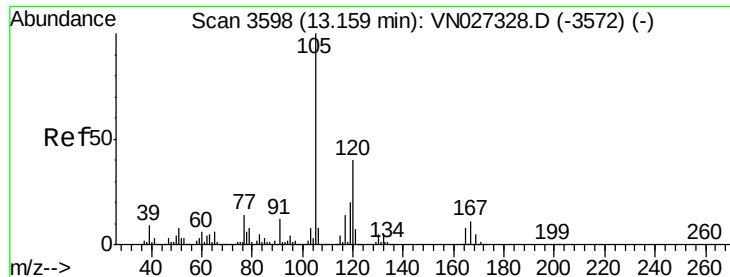
120 44.3 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

1,2,4-Trimethylbenzene

Concen: 11.60 ug/l

RT: 13.16 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN027365.D

Acq: 22 Sep 2015 8:02

Instrument :

MSVOA_N

ClientSampled :

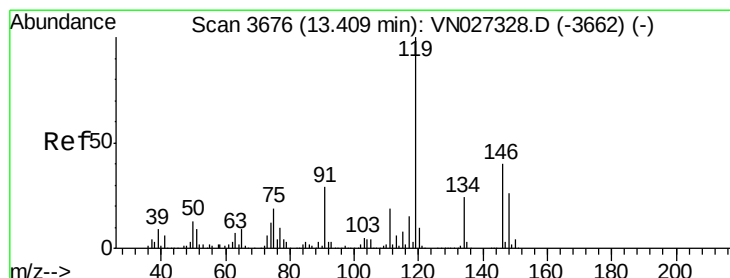
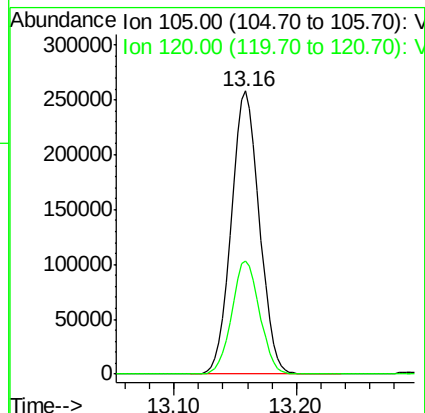
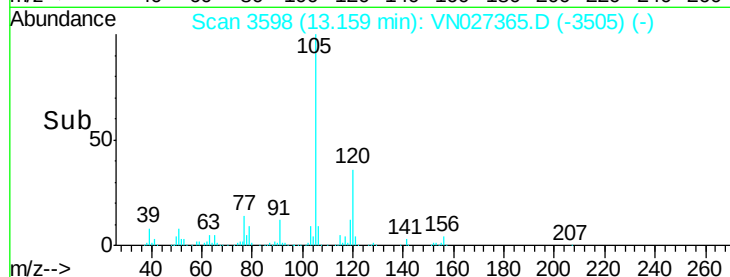
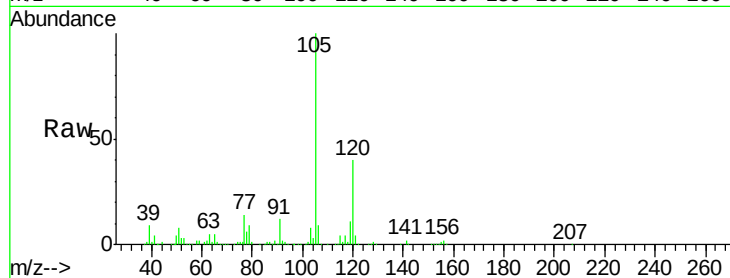
MW-6BDL

Tot Ion:105 Resp: 414344

Ion Ratio Lower Upper

105 100

120 39.6 21.9 65.5



#87

p-Isopropyltoluene

Concen: 6.19 ug/l

RT: 13.41 min Scan# 3676

Delta R.T. -0.00 min

Lab File: VN027365.D

Acq: 22 Sep 2015 8:02

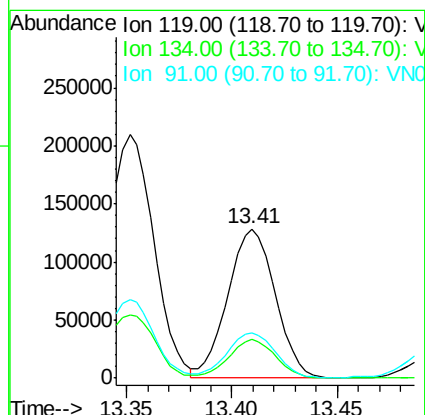
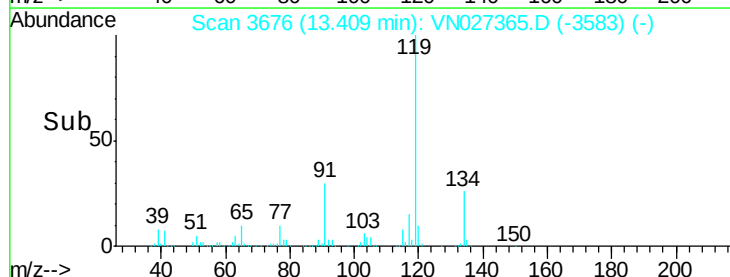
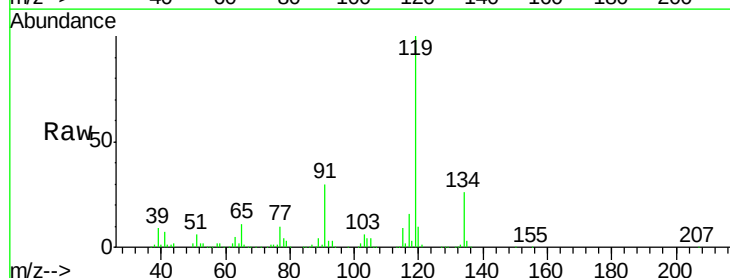
Tgt Ion:119 Resp: 200206

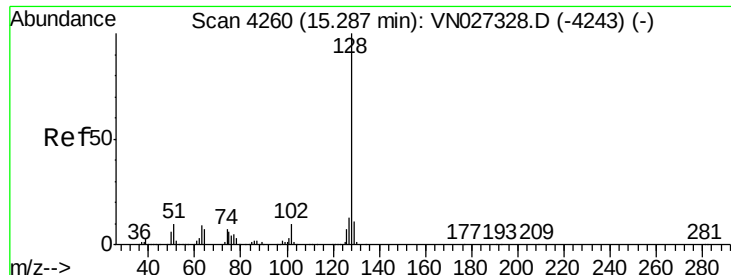
Ion Ratio Lower Upper

119 100

134 25.7 12.4 37.0

91 30.4 12.0 36.1





#96

Naphthalene

Concen: 92.21 ug/l

RT: 15.29 min Scan# 4260

Delta R.T. 0.00 min

Lab File: VN027365.D

Acq: 22 Sep 2015 8:02

Instrument :

MSVOA_N

ClientSampleId :

MW-6BDL

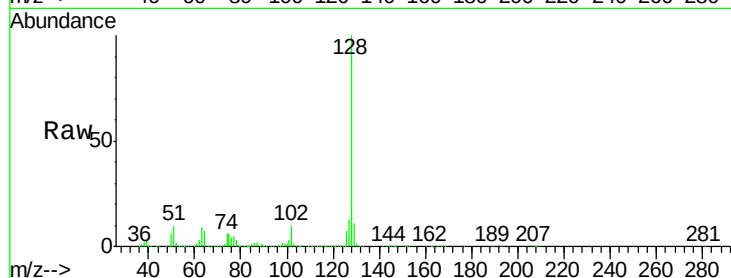
Tot Ion:128 Resp: 2269933

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.9 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

