

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091715\
 Data File : VN027272.D
 Acq On : 17 Sep 2015 23:57
 Operator : MD\FY
 Sample : G3669-01DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-91415-WATERDL

Quant Time: Sep 18 11:57:22 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 21:12:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	775382	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1377181	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1170473	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	441880	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	762578	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	
36) Dibromofluoromethane	7.68	113	491603	51.50	ug/l	0.00
Spiked Amount			Recovery	=	103.00%	
51) Toluene-d8	10.19	98	2022747	54.12	ug/l	0.00
Spiked Amount			Recovery	=	108.24%	
63) 4-Bromofluorobenzene	12.52	95	686079	51.71	ug/l	0.00
Spiked Amount			Recovery	=	103.42%	

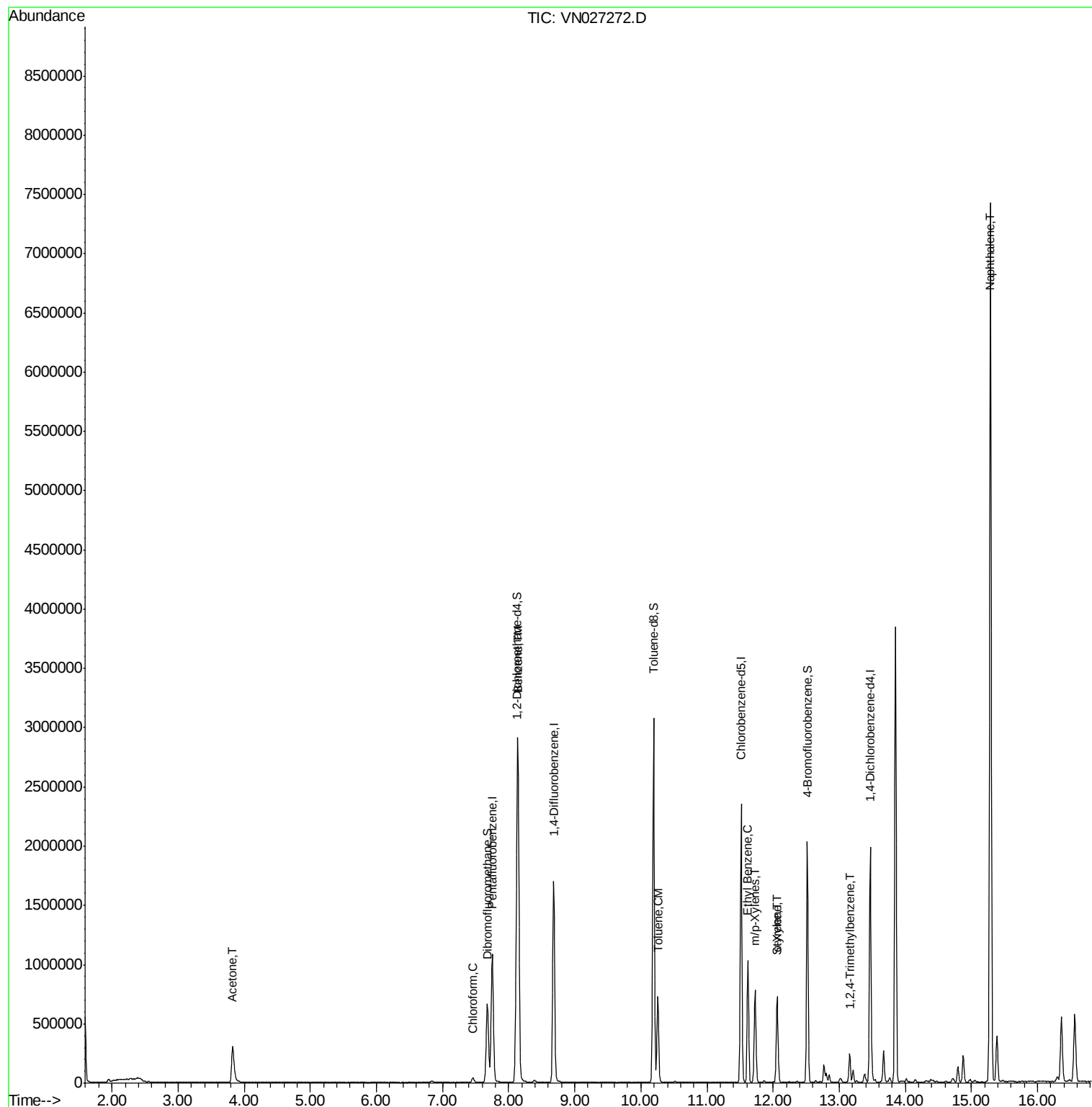
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
17) Acetone	3.82	43	547304	127.77	ug/l	95
31) Chloroform	7.45	83	37415	1.69	ug/l	99
41) Benzene	8.14	78	2604671	55.37	ug/l	100
53) Toluene	10.26	92	300535	10.91	ug/l	98
68) Ethyl Benzene	11.62	91	731333	13.96	ug/l	99
69) m/p-Xylenes	11.73	106	231703	12.82	ug/l	92
70) o-Xylene	12.06	106	166404	9.18	ug/l	92
71) Styrene	12.07	104	85223	2.91	ug/l #	72
85) 1,2,4-Trimethylbenzene	13.16	105	129888	3.31	ug/l	97
96) Naphthalene	15.29	128	5697610	222.81	ug/l	100

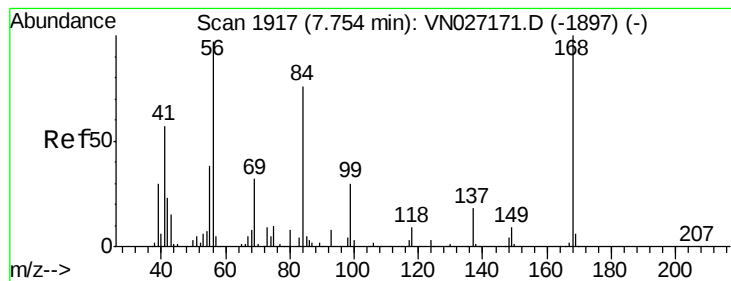
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 15 21:12:09 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: VN027272.D

Acq: 17 Sep 2015 23:57

Instrument :

MSVOA_N

ClientSampleId :

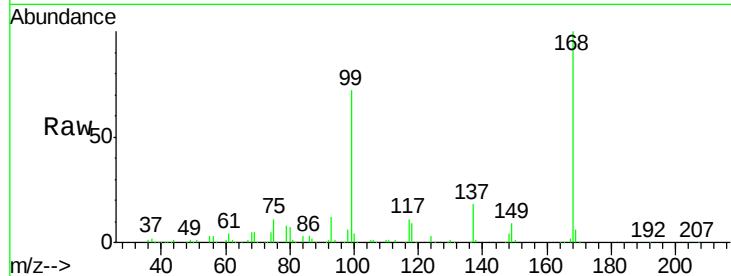
WC-91415-WATERDL

Tot Ion:168 Resp: 775382

Ion Ratio Lower Upper

168 100

99 72.2 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

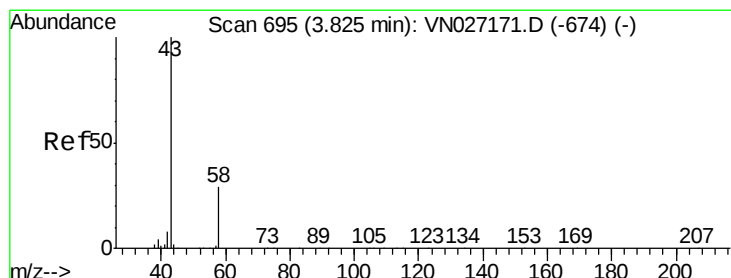
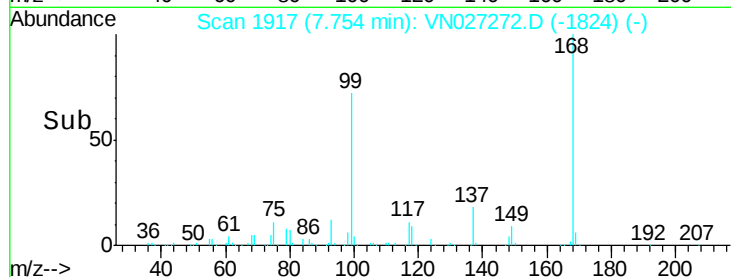
300000

200000

100000

0

Time-->



#17

Acetone

Concen: 127.77 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN027272.D

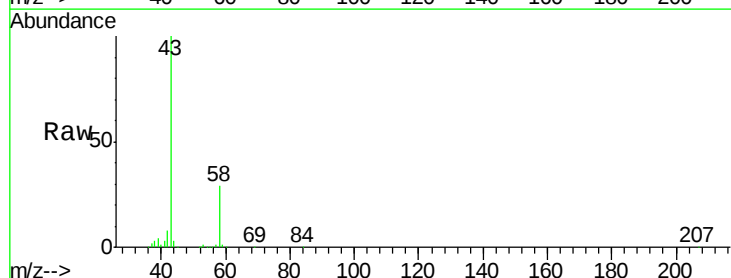
Acq: 17 Sep 2015 23:57

Tgt Ion: 43 Resp: 547304

Ion Ratio Lower Upper

43 100

58 29.0 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

200000

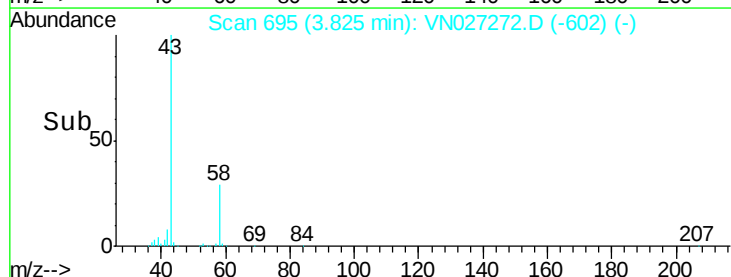
150000

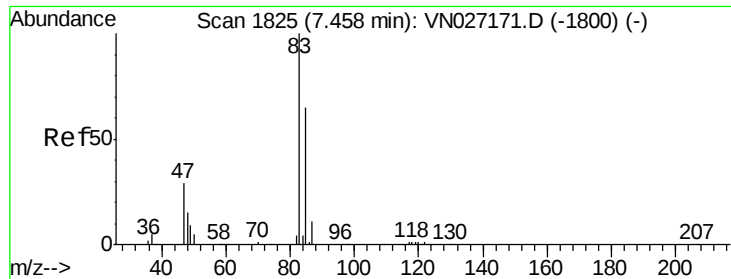
100000

50000

0

Time-->





#31

Chloroform

Concen: 1.69 ug/l

RT: 7.45 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VN027272.D

Acq: 17 Sep 2015 23:57

Instrument :

MSVOA_N

ClientSampleId :

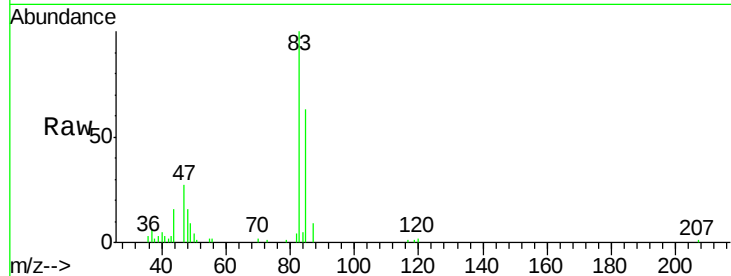
WC-91415-WATERDL

Tot Ion: 83 Resp: 37415

Ion Ratio Lower Upper

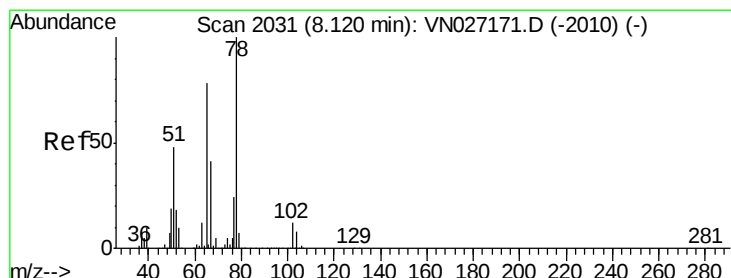
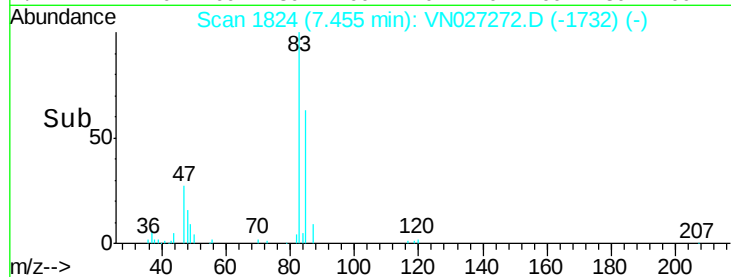
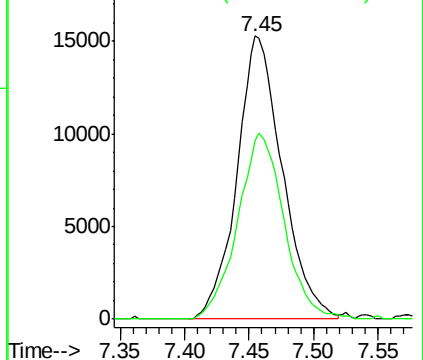
83 100

85 63.0 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0



#34

1,2-Dichloroethane-d4

Concen: 48.00 ug/l

RT: 8.12 min Scan# 2031

Delta R.T. -0.00 min

Lab File: VN027272.D

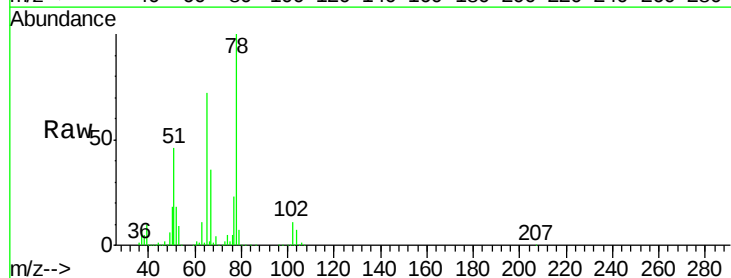
Acq: 17 Sep 2015 23:57

Tgt Ion: 65 Resp: 762578

Ion Ratio Lower Upper

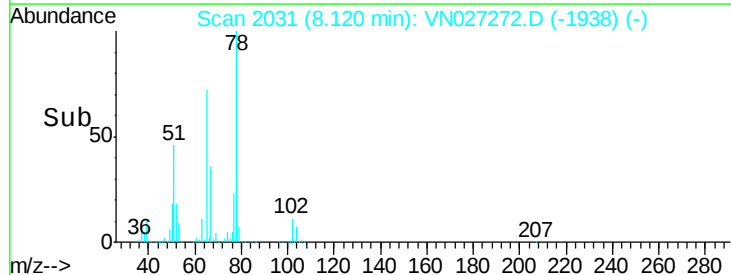
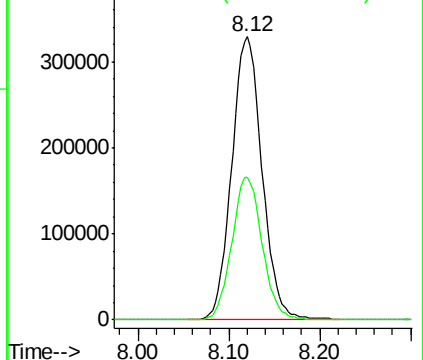
65 100

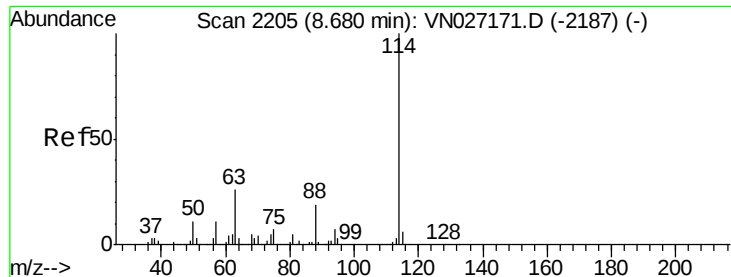
67 50.6 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

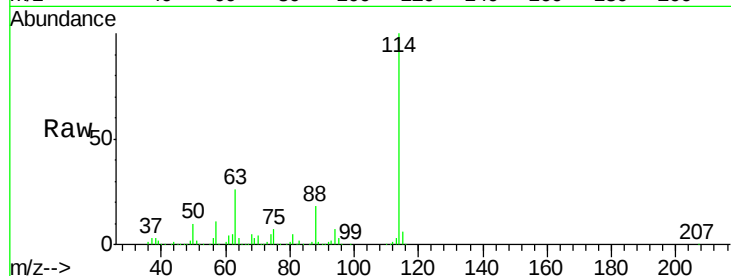




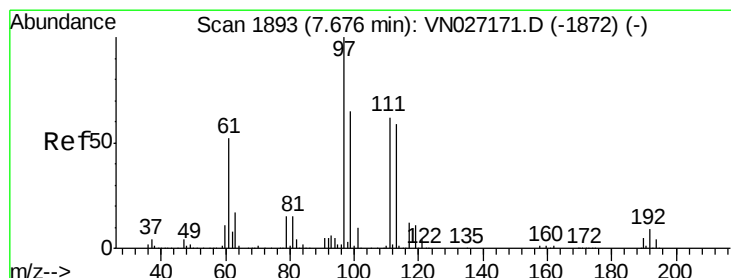
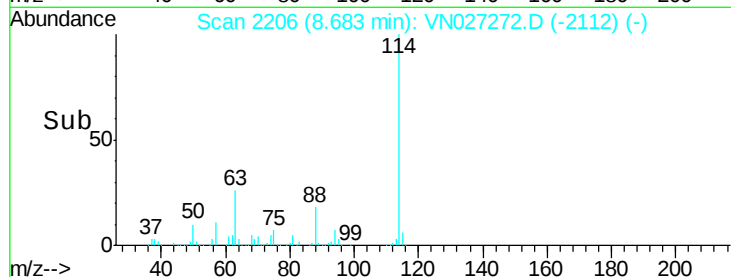
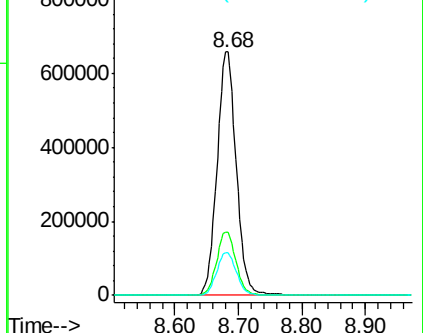
#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: VN027272.D
 Acq: 17 Sep 2015 23:57

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-91415-WATERDL

Tot Ion:114 Resp: 1377181
 Ion Ratio Lower Upper
 114 100
 63 25.8 0.0 48.8
 88 17.7 0.0 32.2

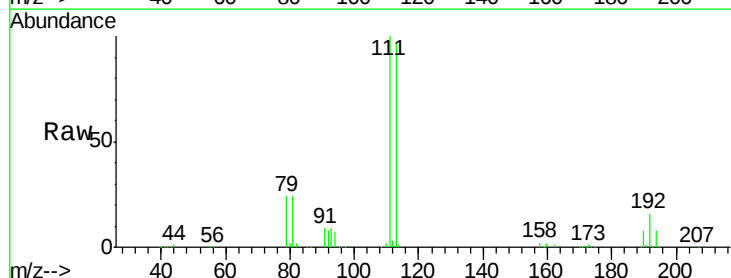


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

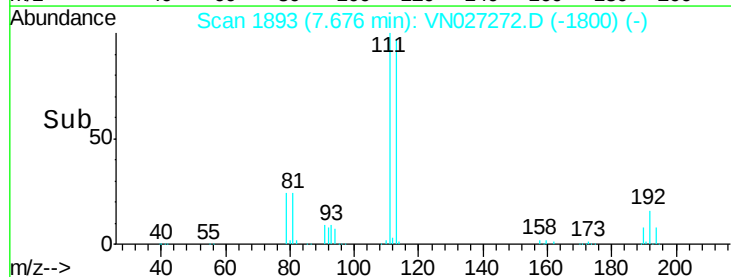
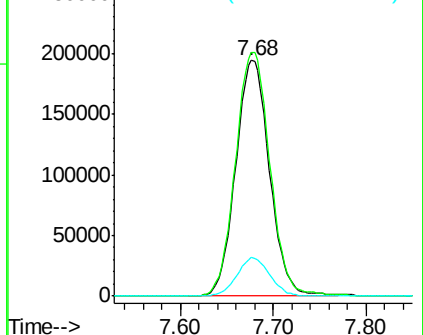


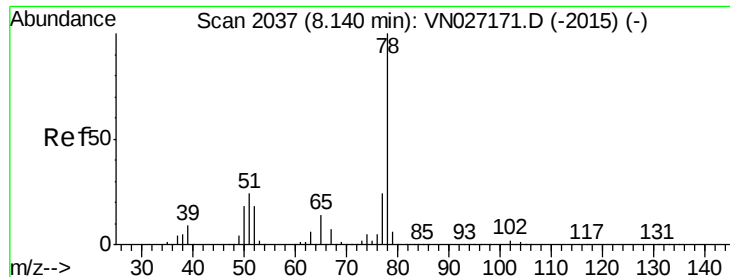
#36
 Dibromofluoromethane
 Concen: 51.50 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027272.D
 Acq: 17 Sep 2015 23:57

Tgt Ion:113 Resp: 491603
 Ion Ratio Lower Upper
 113 100
 111 105.6 83.0 124.4
 192 15.9 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: 55.37 ug/l

RT: 8.14 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VN027272.D

Acq: 17 Sep 2015 23:57

Instrument :

MSVOA_N

ClientSampleId :

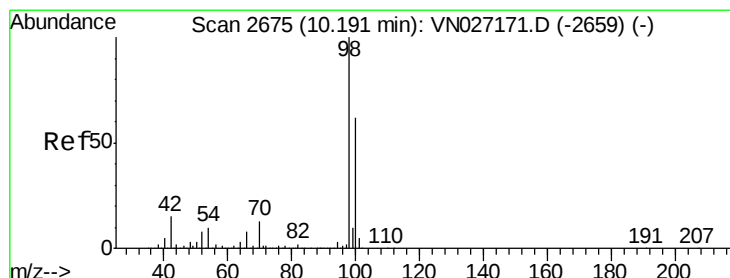
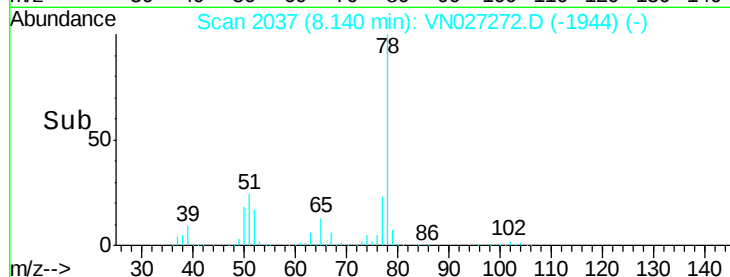
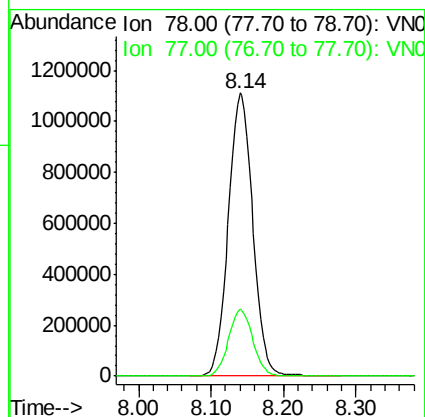
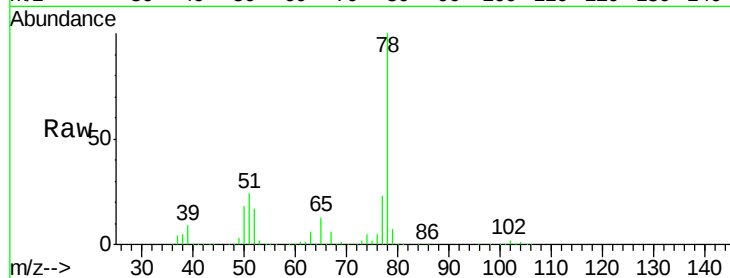
WC-91415-WATERDL

Tot Ion: 78 Resp: 2604671

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.4



#51

Toluene-d8

Concen: 54.12 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027272.D

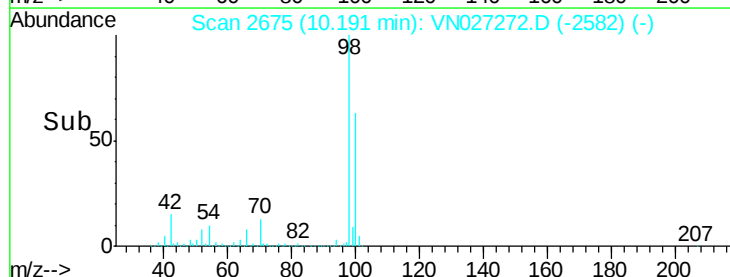
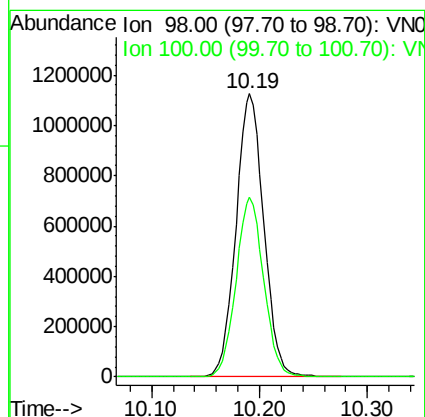
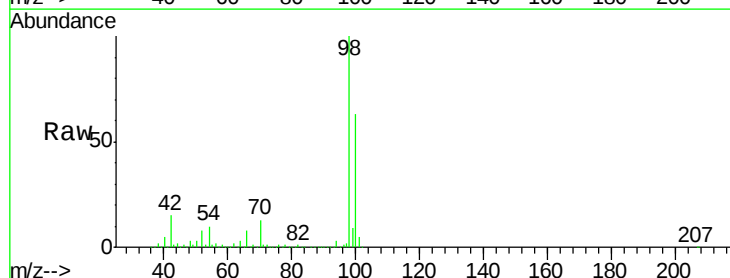
Acq: 17 Sep 2015 23:57

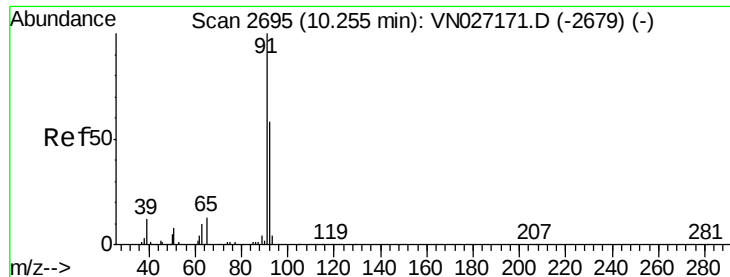
Tgt Ion: 98 Resp: 2022747

Ion Ratio Lower Upper

98 100

100 63.2 50.5 75.7





#53

Toluene

Concen: 10.91 ug/l

RT: 10.26 min Scan# 2695

Delta R.T. -0.00 min

Lab File: VN027272.D

Acq: 17 Sep 2015 23:57

Instrument :

MSVOA_N

ClientSampleId :

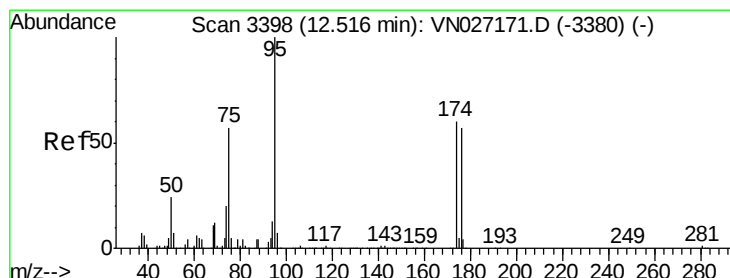
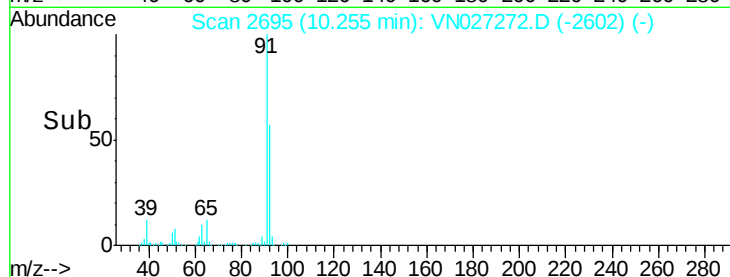
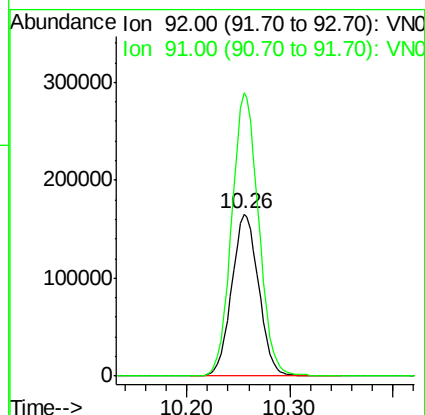
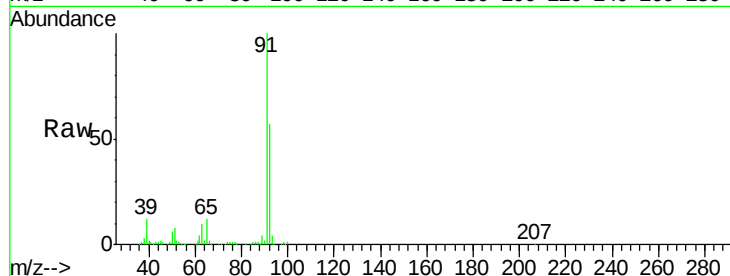
WC-91415-WATERDL

Tot Ion: 92 Resp: 300535

Ion Ratio Lower Upper

92 100

91 174.6 141.4 212.2



#63

4-Bromofluorobenzene

Concen: 51.71 ug/l

RT: 12.52 min Scan# 3398

Delta R.T. 0.00 min

Lab File: VN027272.D

Acq: 17 Sep 2015 23:57

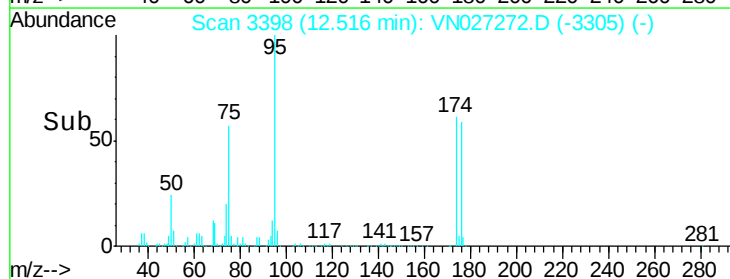
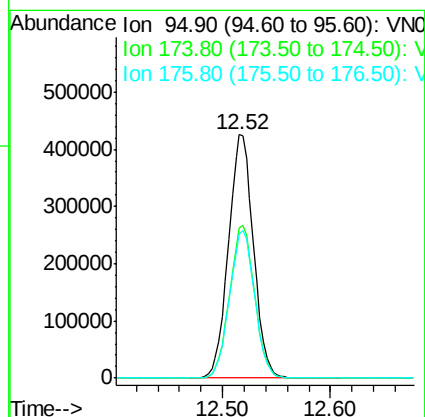
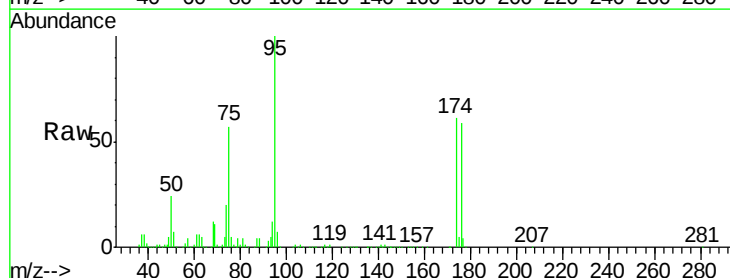
Tgt Ion: 95 Resp: 686079

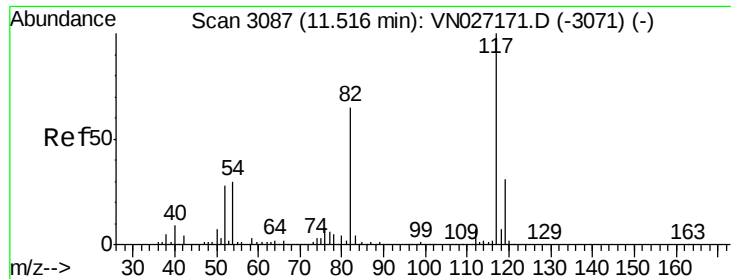
Ion Ratio Lower Upper

95 100

174 62.9 0.0 137.0

176 60.8 0.0 130.8

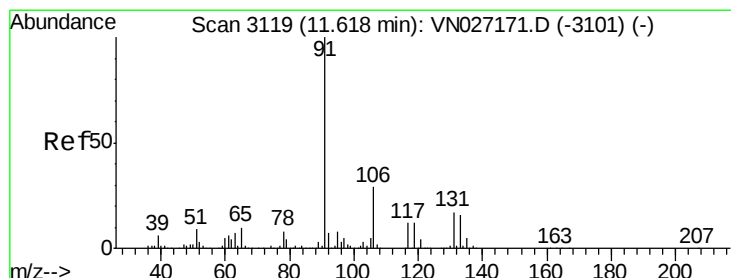
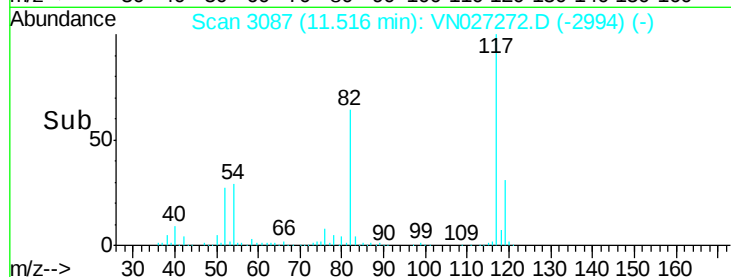
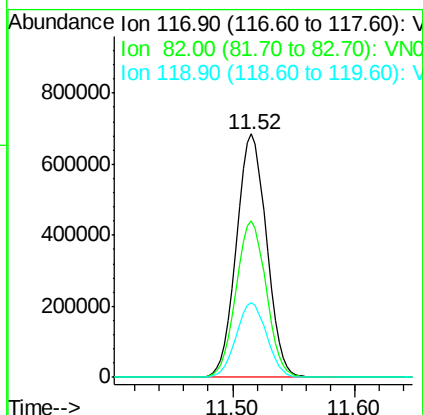
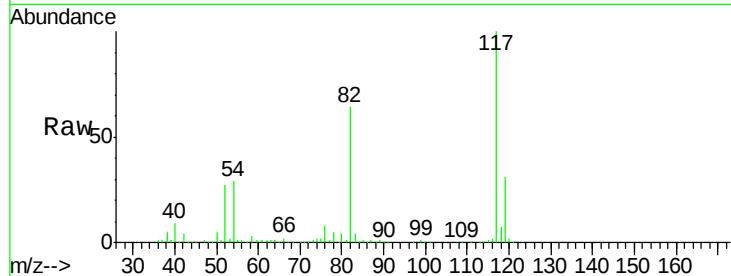




#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. -0.00 min
Lab File: VN027272.D
Acq: 17 Sep 2015 23:57

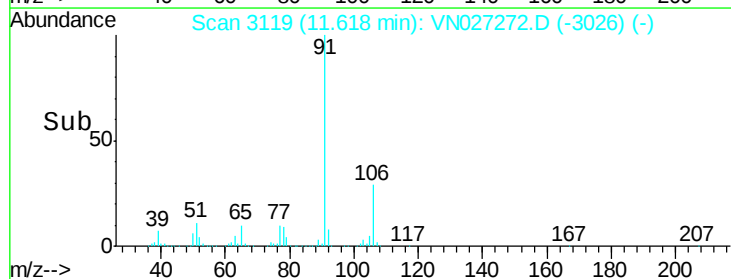
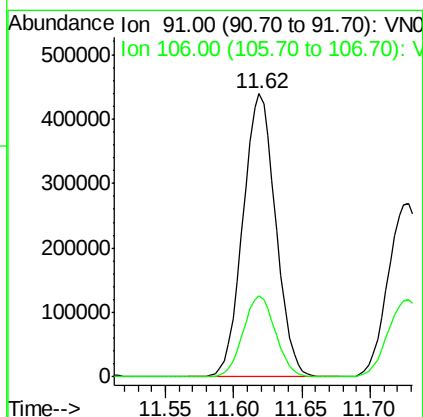
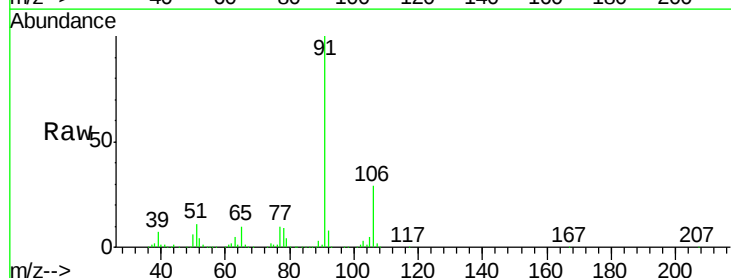
Instrument :
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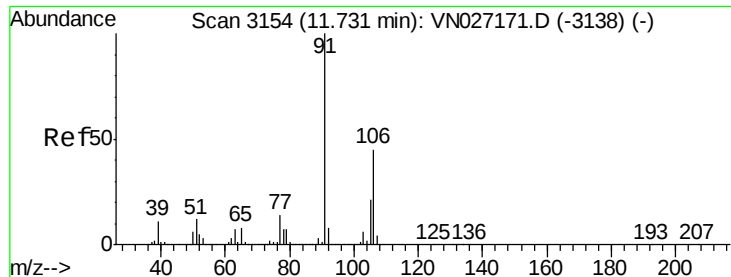
Tot Ion:117 Resp: 1170473
Ion Ratio Lower Upper
117 100
82 64.3 49.6 74.4
119 30.9 24.6 36.8



#68
Ethyl Benzene
Concen: 13.96 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. 0.00 min
Lab File: VN027272.D
Acq: 17 Sep 2015 23:57

Tgt Ion: 91 Resp: 731333
Ion Ratio Lower Upper
91 100
106 28.6 23.1 34.7

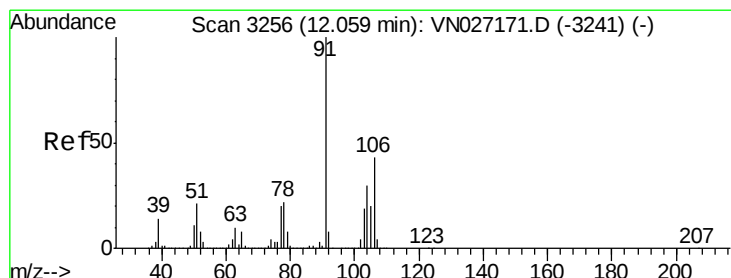
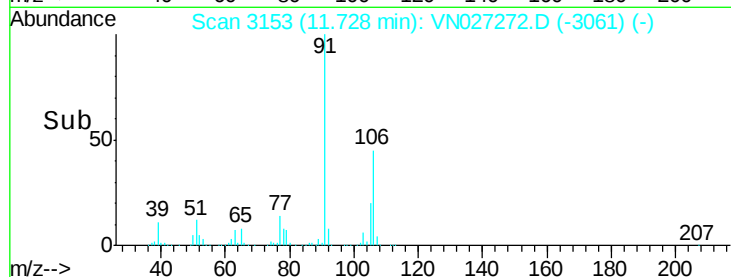
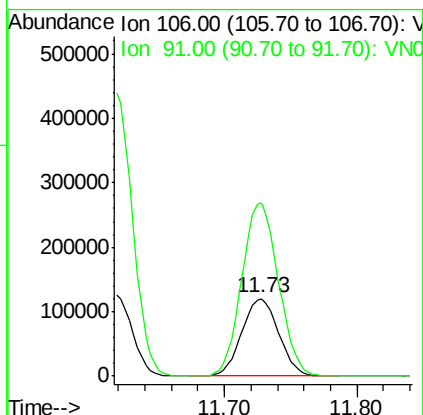
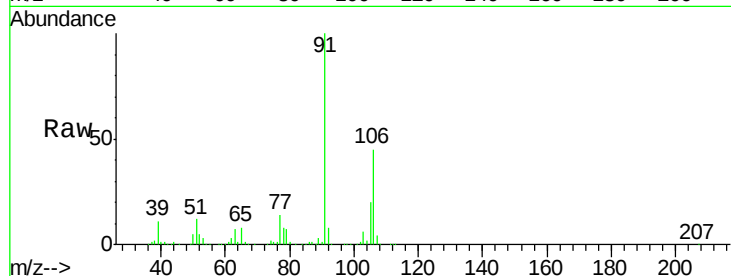




#69
m/p-Xylenes
Concen: 12.82 ug/l
RT: 11.73 min Scan# 3153
Delta R.T. -0.00 min
Lab File: VN027272.D
Acq: 17 Sep 2015 23:57

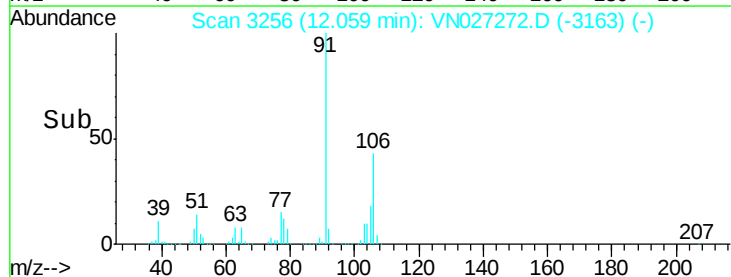
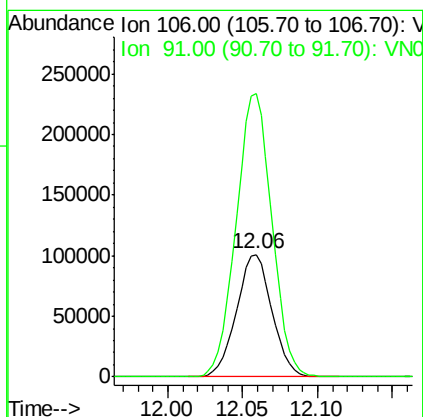
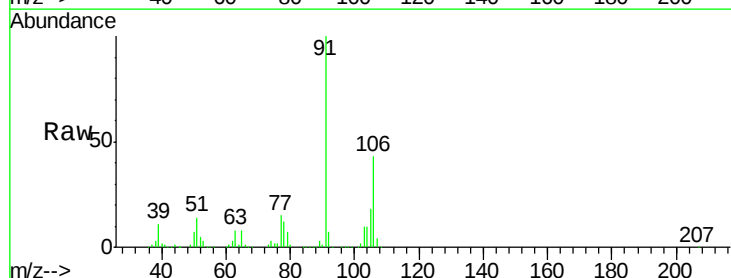
Instrument :
MSVOA_N
ClientSampleId :
WC-91415-WATERDL

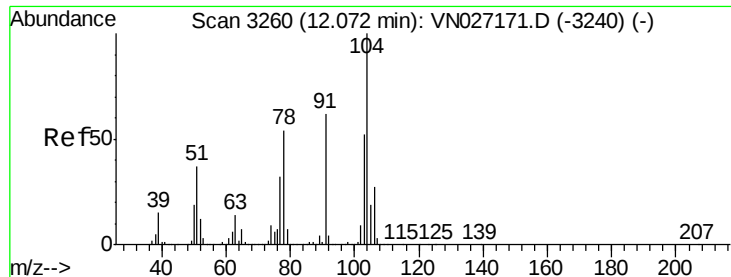
Tot Ion:106 Resp: 231703
Ion Ratio Lower Upper
106 100
91 221.2 167.1 250.7



#70
o-Xylene
Concen: 9.18 ug/l
RT: 12.06 min Scan# 3256
Delta R.T. -0.00 min
Lab File: VN027272.D
Acq: 17 Sep 2015 23:57

Tgt Ion:106 Resp: 166404
Ion Ratio Lower Upper
106 100
91 233.6 110.7 331.9





#71

Stvrene

Concen: 2.91 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN027272.D

Acq: 17 Sep 2015 23:57

Instrument :

MSVOA_N

ClientSampleId :

WC-91415-WATERDL

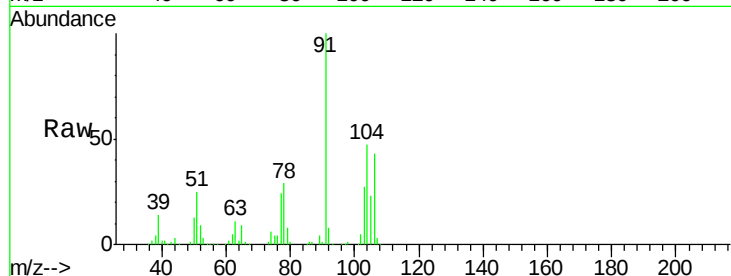
Tot Ion:104 Resp: 85223

Ion Ratio Lower Upper

104 100

78 78.2 41.6 62.4#

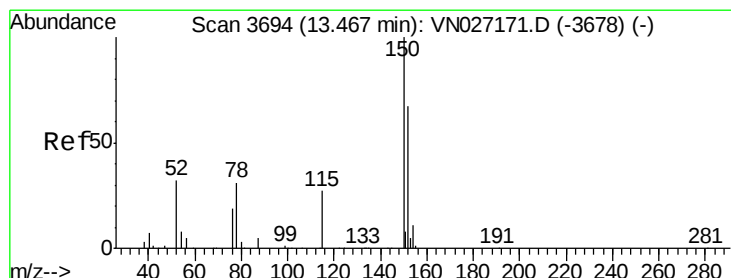
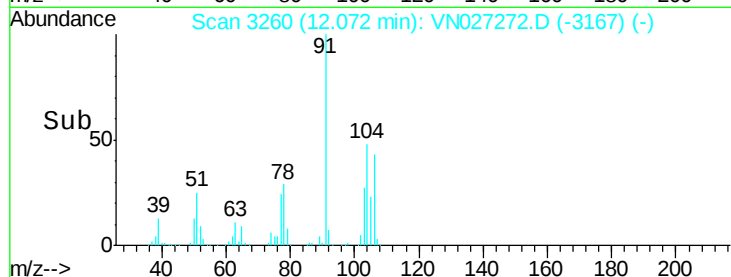
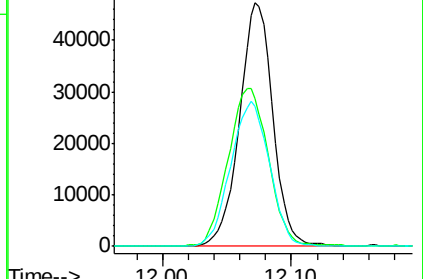
103 68.8 44.2 66.2#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

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: VN027272.D

Acq: 17 Sep 2015 23:57

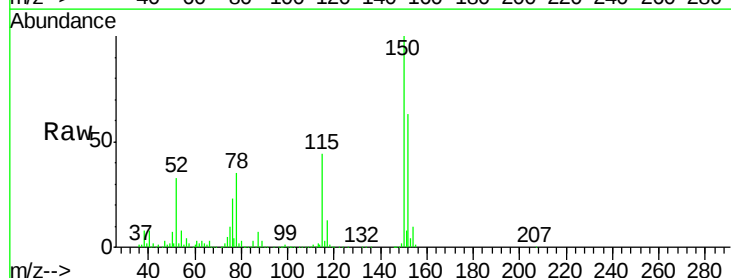
Tgt Ion:152 Resp: 441880

Ion Ratio Lower Upper

152 100

115 69.1 30.8 92.3

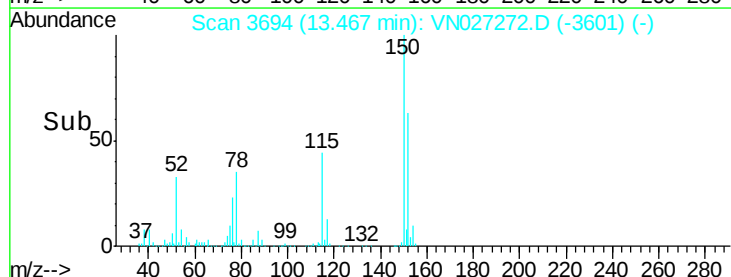
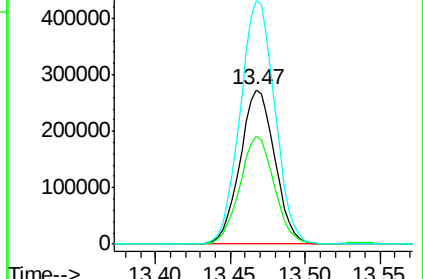
150 158.1 0.0 345.0

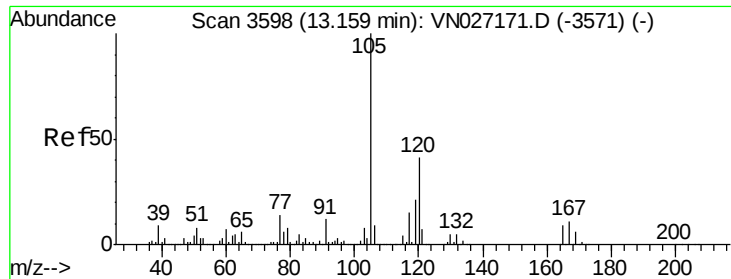


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

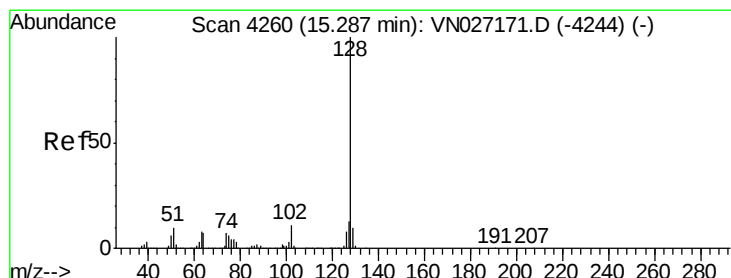
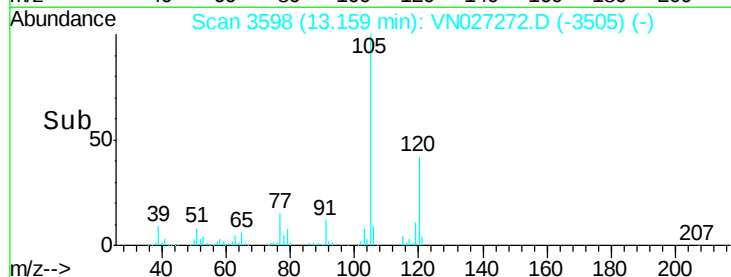
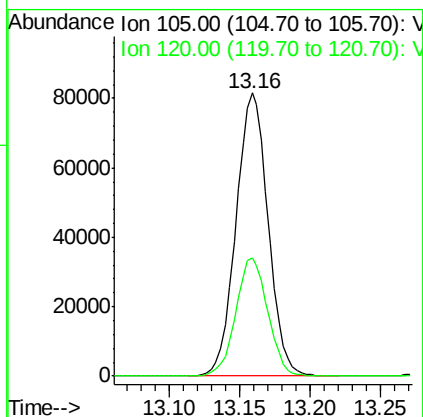
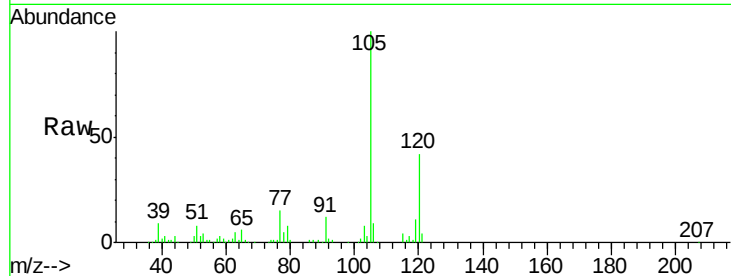




#85
 1,2,4-Trimethylbenzene
 Concen: 3.31 ug/l
 RT: 13.16 min Scan# 3598
 Delta R.T. -0.00 min
 Lab File: VN027272.D
 Acq: 17 Sep 2015 23:57

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-91415-WATERDL

Tot Ion:105 Resp: 129888
 Ion Ratio Lower Upper
 105 100
 120 41.7 21.9 65.5



#96
 Naphthalene
 Concen: 222.81 ug/l
 RT: 15.29 min Scan# 4260
 Delta R.T. -0.00 min
 Lab File: VN027272.D
 Acq: 17 Sep 2015 23:57

Tgt Ion:128 Resp: 5697610
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.4 15.6
 129 10.9 8.6 12.8

