

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091715\
 Data File : VN027260.D
 Acq On : 17 Sep 2015 17:31
 Operator : MD\FY
 Sample : G3704-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5-9-15-15

Quant Time: Sep 18 03:30:56 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

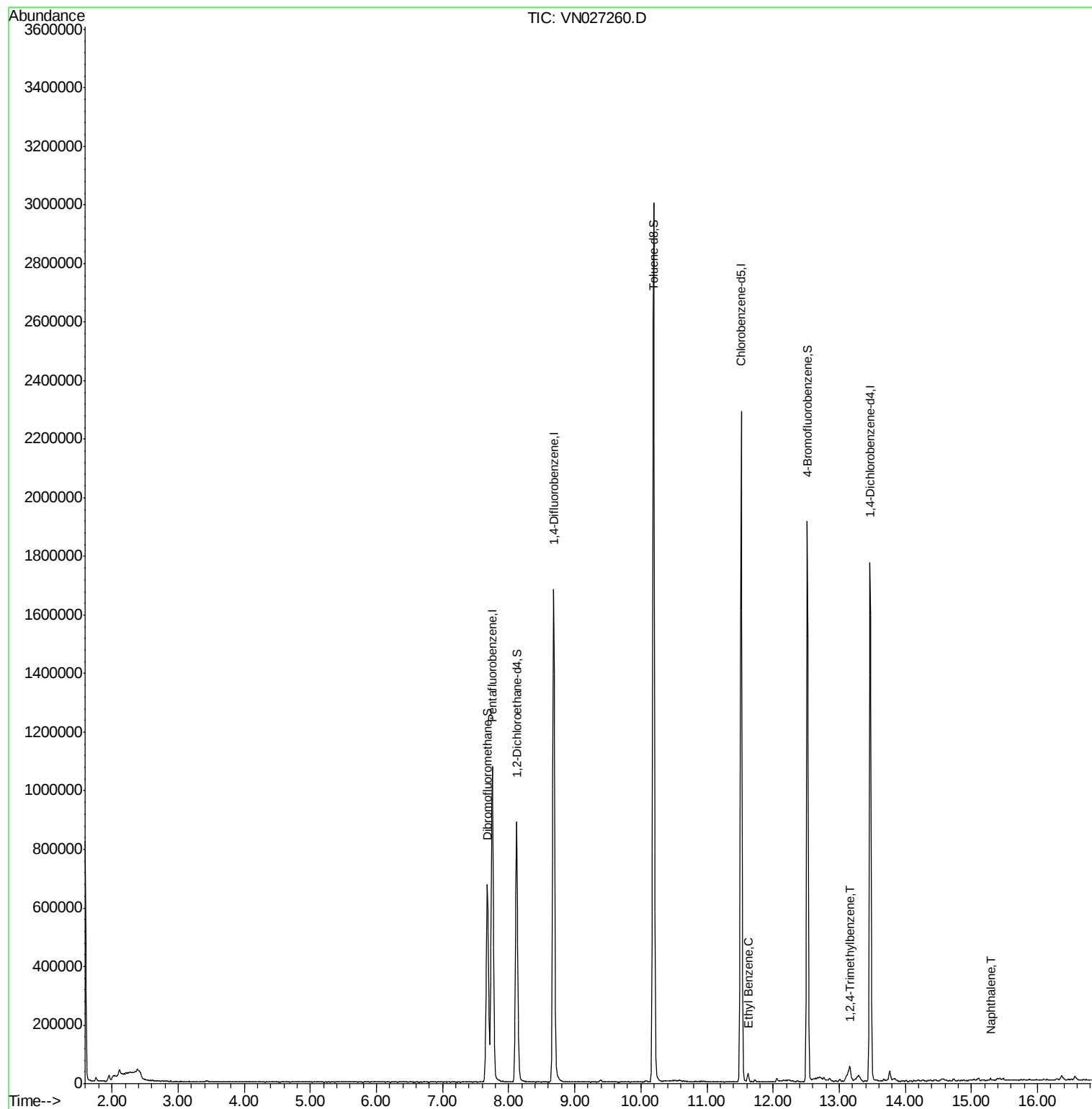
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	768845	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1365263	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1145741	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	402288	50.00	ug/l	0.00
System Monitoring Compounds						
34) 1,2-Dichloroethane-d4	8.12	65	766473	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
36) Dibromofluoromethane	7.68	113	492819	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
51) Toluene-d8	10.19	98	2000773	54.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.00%	
63) 4-Bromofluorobenzene	12.52	95	660888	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.50%	
Target Compounds						
68) Ethyl Benzene	11.62	91	17750	0.35	ug/l	Qvalue 92
85) 1,2,4-Trimethylbenzene	13.16	105	13214	0.37	ug/l	95
96) Naphthalene	15.29	128	5992	0.26	ug/l #	95

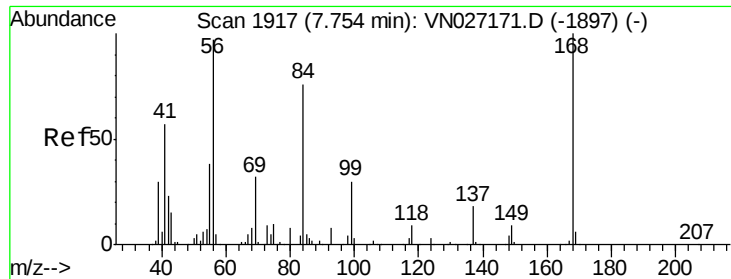
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VN027260.D

Acq: 17 Sep 2015 17:31

Instrument :

MSVOA_N

ClientSampleId :

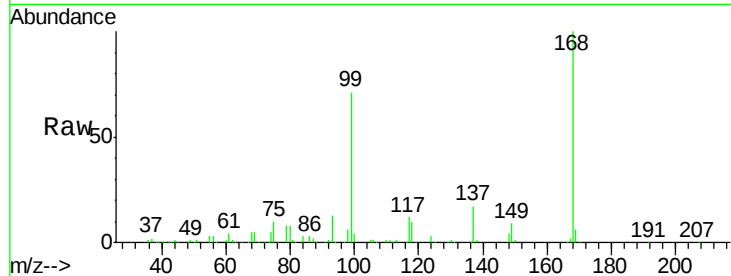
MW-5-9-15-15

Tot Ion:168 Resp: 768845

Ion Ratio Lower Upper

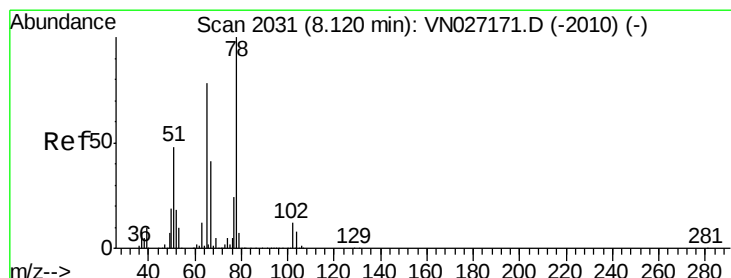
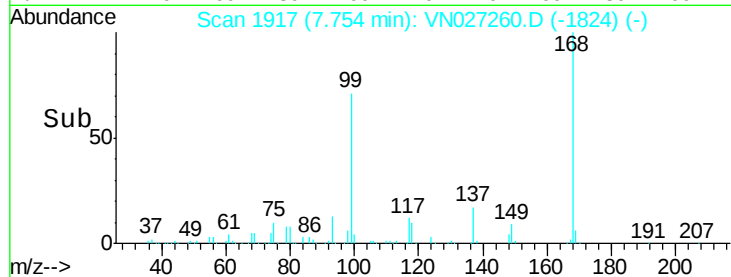
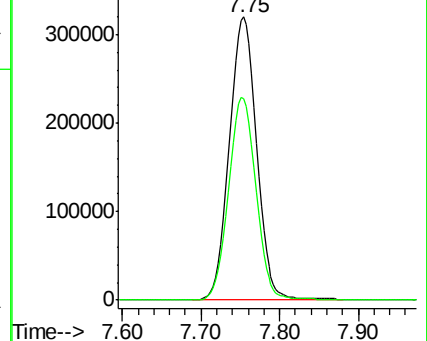
168 100

99 71.4 50.4 75.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#34

1,2-Dichloroethane-d4

Concen: 48.66 ug/l

RT: 8.12 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VN027260.D

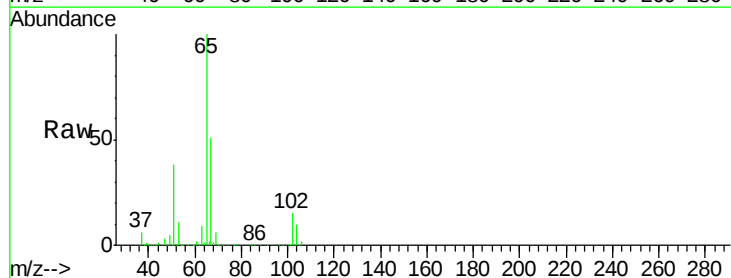
Acq: 17 Sep 2015 17:31

Tgt Ion: 65 Resp: 766473

Ion Ratio Lower Upper

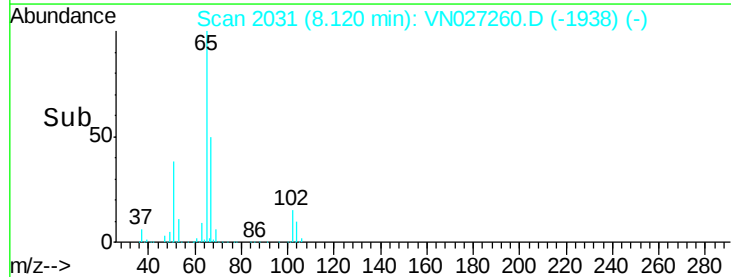
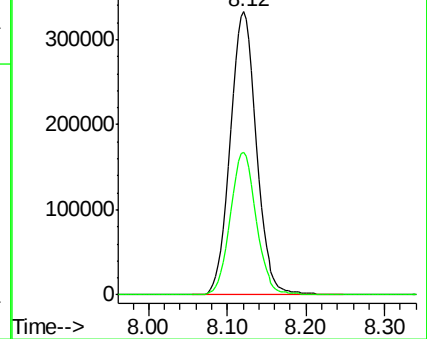
65 100

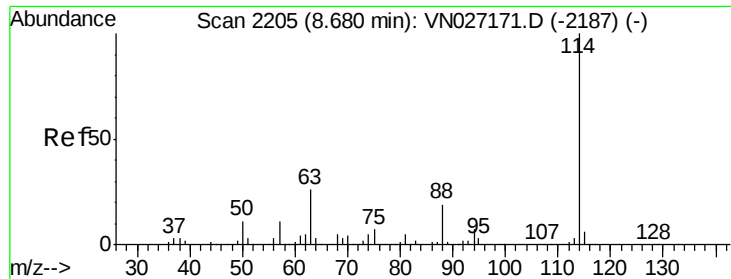
67 50.1 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

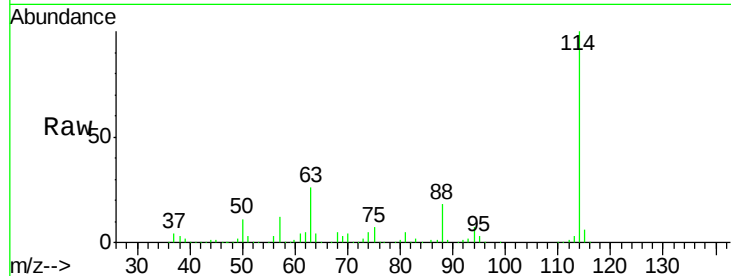




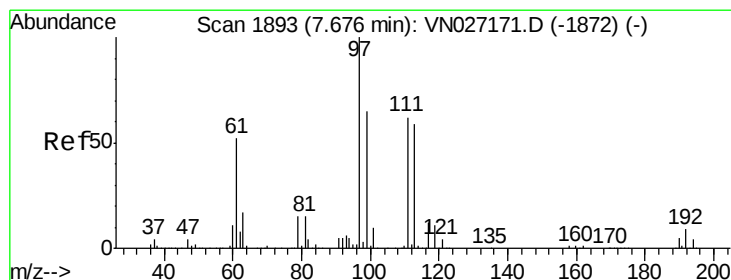
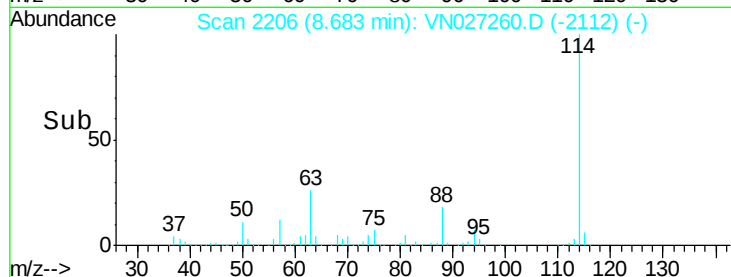
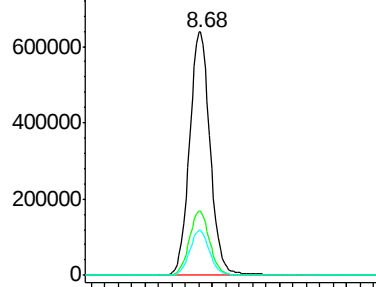
#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: VN027260.D
 Acq: 17 Sep 2015 17:31

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5-9-15-15

Tot Ion:114 Resp: 1365263
 Ion Ratio Lower Upper
 114 100
 63 26.3 0.0 48.8
 88 18.4 0.0 32.2

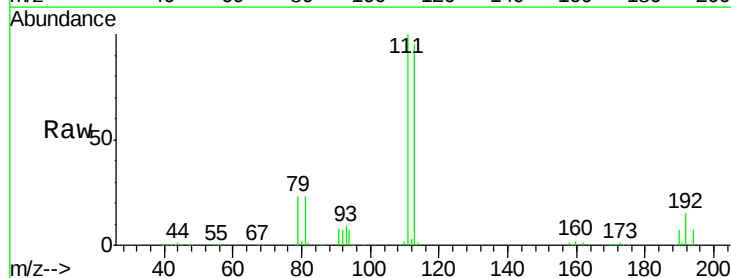


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

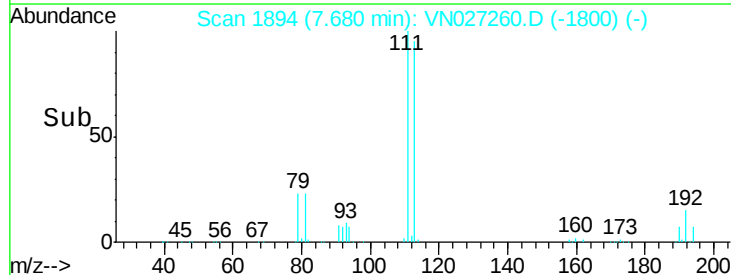
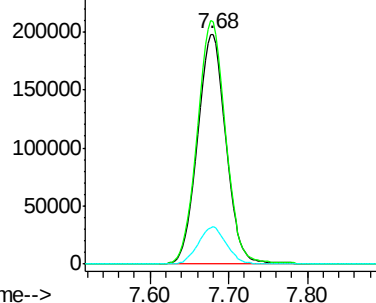


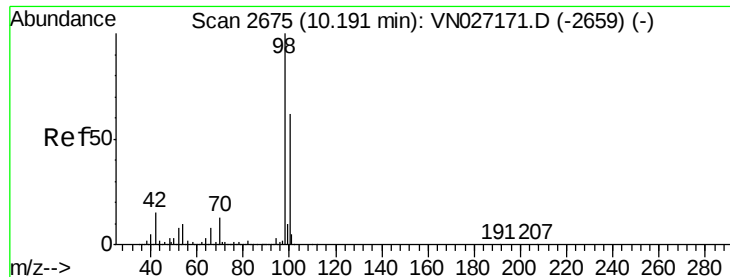
#36
 Dibromofluoromethane
 Concen: 52.07 ug/l
 RT: 7.68 min Scan# 1894
 Delta R.T. 0.00 min
 Lab File: VN027260.D
 Acq: 17 Sep 2015 17:31

Tgt Ion:113 Resp: 492819
 Ion Ratio Lower Upper
 113 100
 111 106.1 83.0 124.4
 192 16.2 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





#51

Toluene-d8

Concen: 54.00 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027260.D

Acq: 17 Sep 2015 17:31

Instrument :

MSVOA_N

ClientSampled :

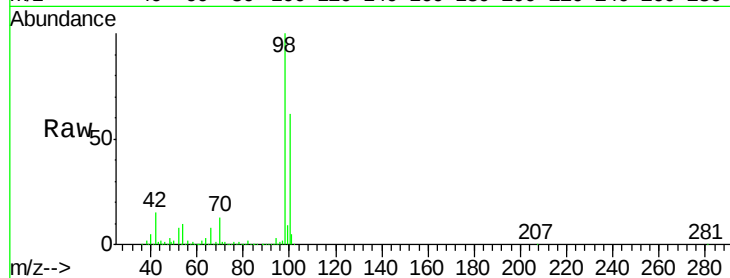
MW-5-9-15-15

Tot Ion: 98 Resp: 2000773

Ion Ratio Lower Upper

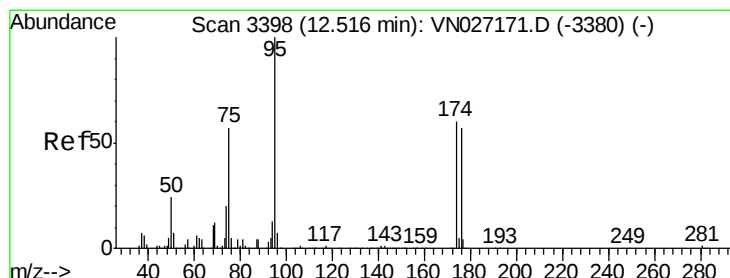
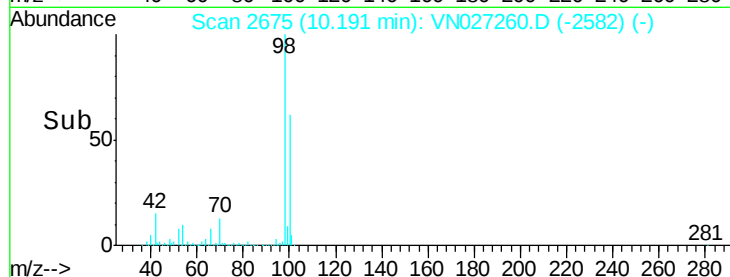
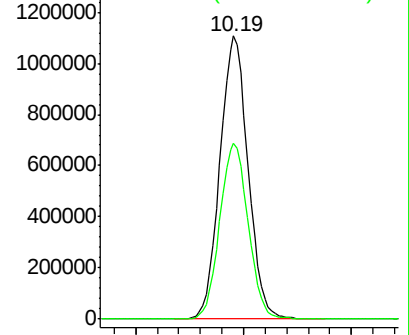
98 100

100 62.8 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#63

4-Bromofluorobenzene

Concen: 50.25 ug/l

RT: 12.52 min Scan# 3399

Delta R.T. 0.00 min

Lab File: VN027260.D

Acq: 17 Sep 2015 17:31

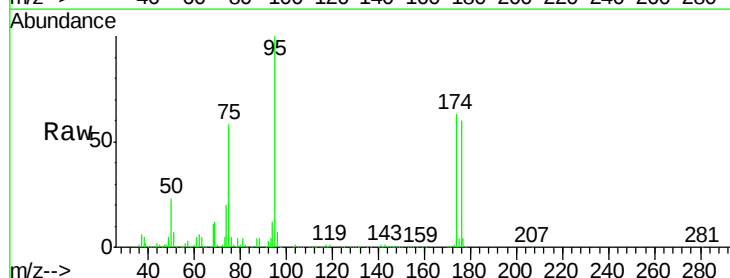
Tgt Ion: 95 Resp: 660888

Ion Ratio Lower Upper

95 100

174 62.9 0.0 137.0

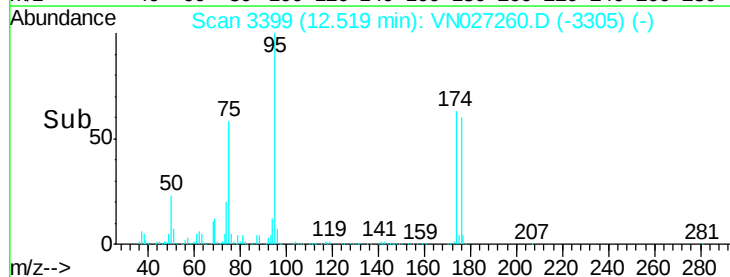
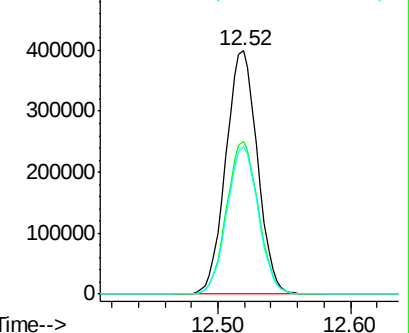
176 60.4 0.0 130.8

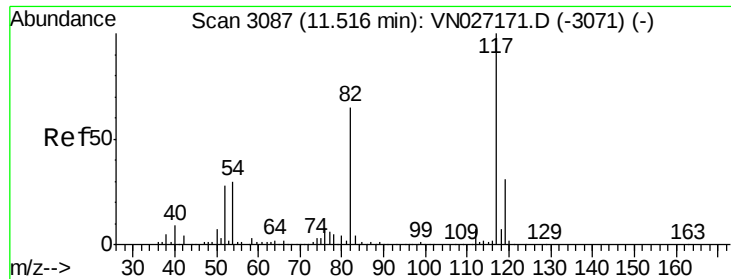


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

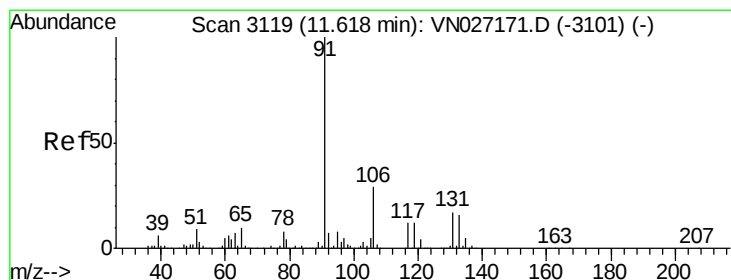
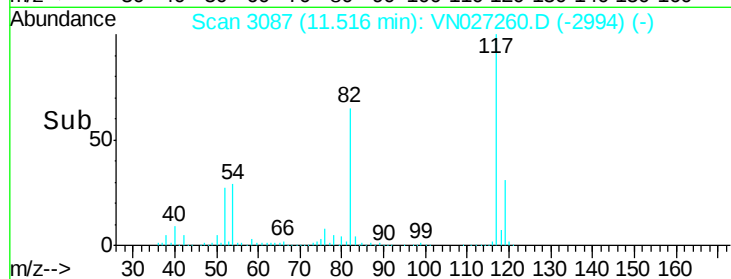
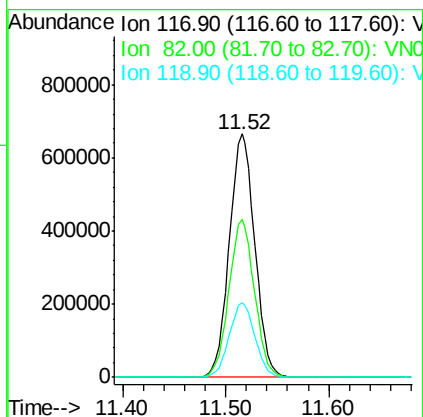
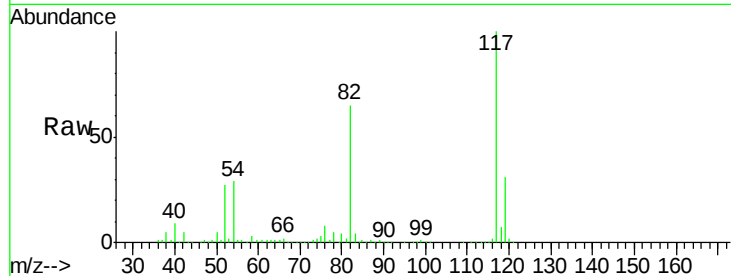




#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027260.D
Acq: 17 Sep 2015 17:31

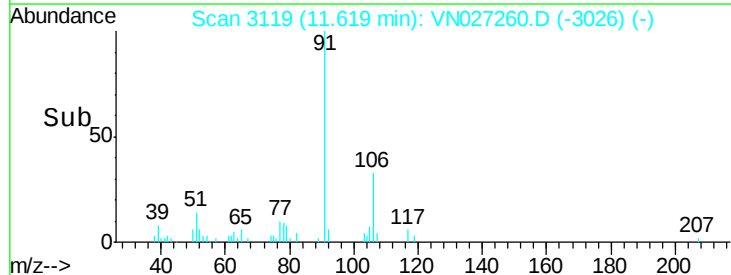
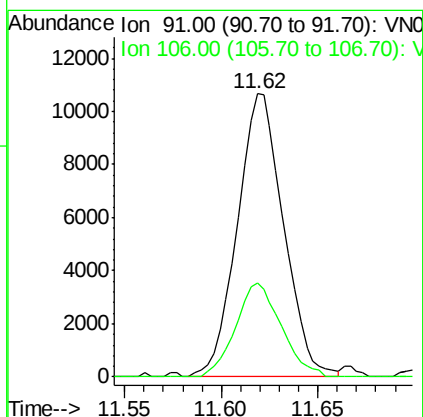
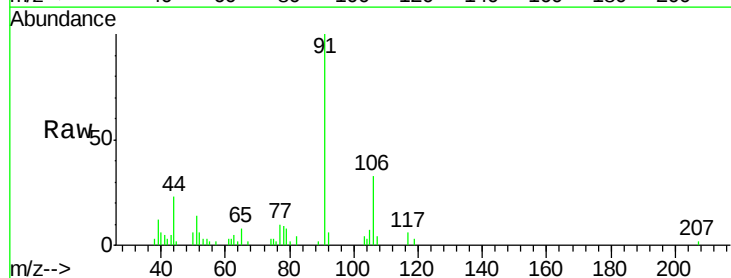
Instrument :
MSVOA_N
ClientSampled :
MW-5-9-15-15

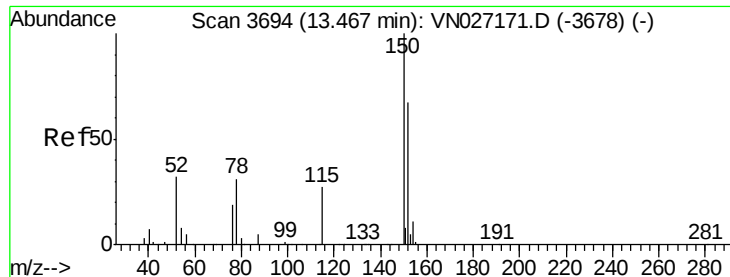
Tot Ion:117 Resp: 1145741
Ion Ratio Lower Upper
117 100
82 64.8 49.6 74.4
119 30.8 24.6 36.8



#68
Ethyl Benzene
Concen: 0.35 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. 0.00 min
Lab File: VN027260.D
Acq: 17 Sep 2015 17:31

Tgt Ion: 91 Resp: 17750
Ion Ratio Lower Upper
91 100
106 33.0 23.1 34.7





#73

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.47 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN027260.D

Acq: 17 Sep 2015 17:31

Instrument :

MSVOA_N

ClientSampled :

MW-5-9-15-15

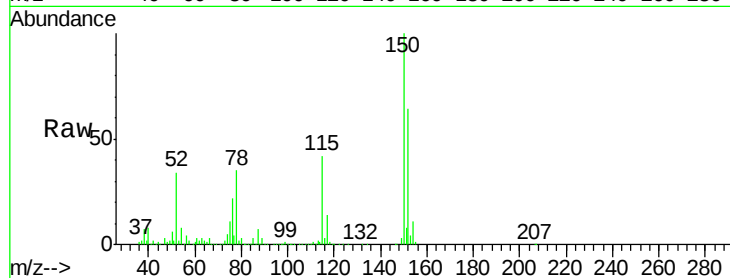
Tot Ion:152 Resp: 402288

Ion Ratio Lower Upper

152 100

115 67.3 30.8 92.3

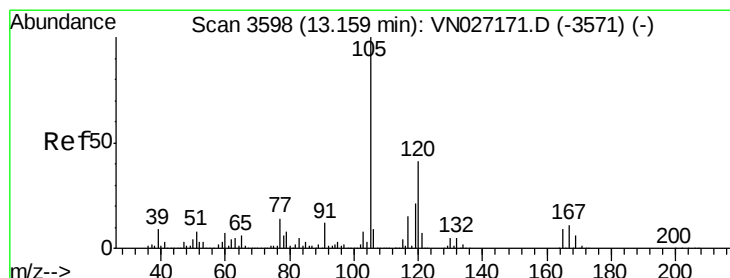
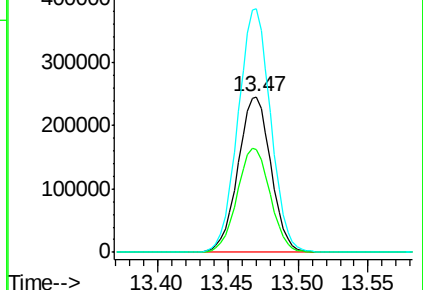
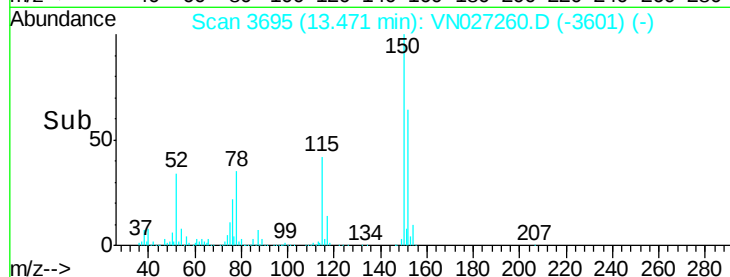
150 155.7 0.0 345.0



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: 0.37 ug/l

RT: 13.16 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN027260.D

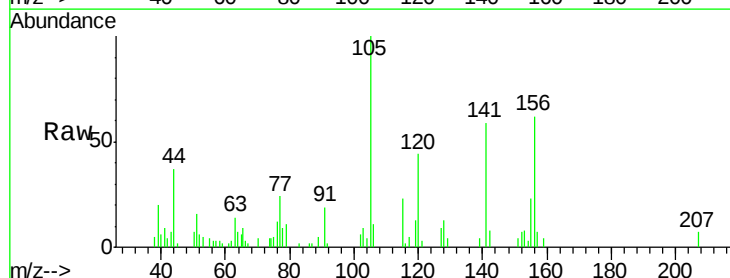
Acq: 17 Sep 2015 17:31

Tgt Ion:105 Resp: 13214

Ion Ratio Lower Upper

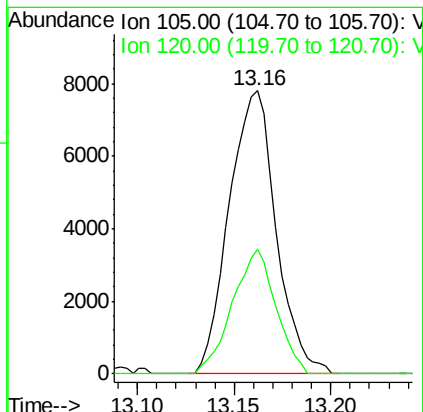
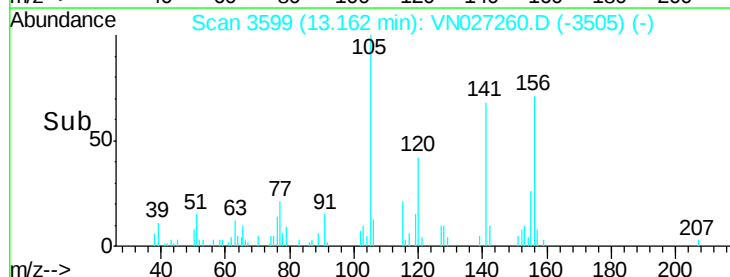
105 100

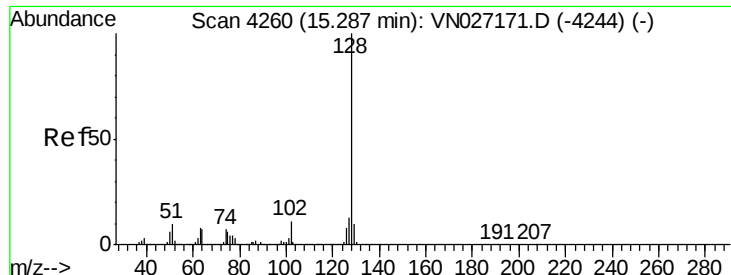
120 40.4 21.9 65.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#96

Naphthalene

Concen: 0.26 ug/l

RT: 15.29 min Scan# 4261

Delta R.T. 0.00 min

Lab File: VN027260.D

Acq: 17 Sep 2015 17:31

Instrument :

MSVOA_N

ClientSampleId :

MW-5-9-15-15

Tot Ion:128 Resp: 5992

Ion Ratio Lower Upper

128 100

127 12.3 10.4 15.6

129 7.5 8.6 12.8#

