

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091715\
 Data File : VN027262.D
 Acq On : 17 Sep 2015 18:26
 Operator : MD\FY
 Sample : G3704-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7-9-15-15

Quant Time: Sep 18 03:38:57 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	751238	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1370562	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1146858	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	402957	50.00	ug/l	0.00

System Monitoring Compounds						
34) 1,2-Dichloroethane-d4	8.12	65	753574	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
36) Dibromofluoromethane	7.68	113	488139	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
51) Toluene-d8	10.19	98	1984580	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	
63) 4-Bromofluorobenzene	12.52	95	661778	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	

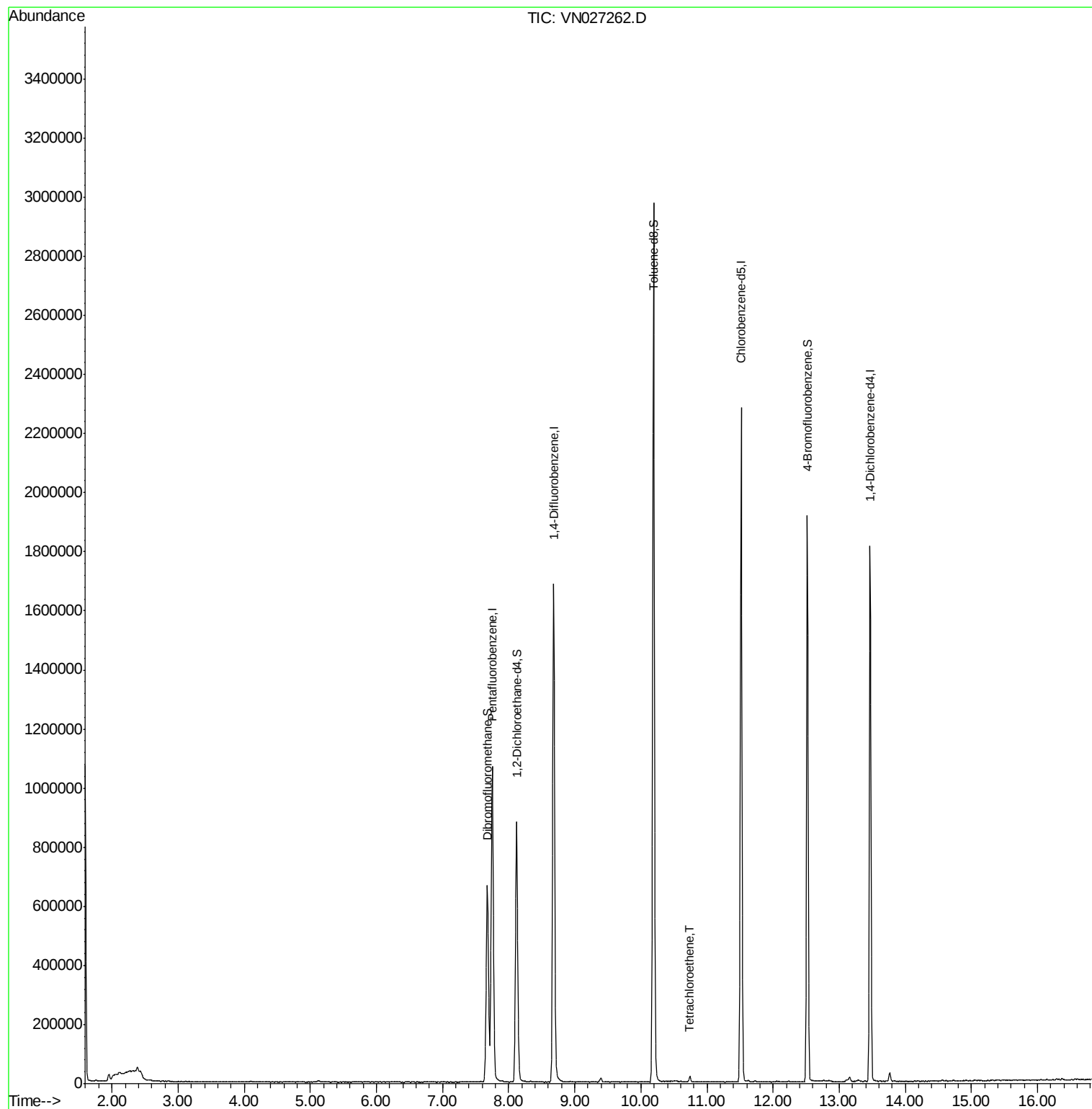
Target Compounds						Qvalue
65) Tetrachloroethene	10.74	164	3401	0.46	ug/l	# 81

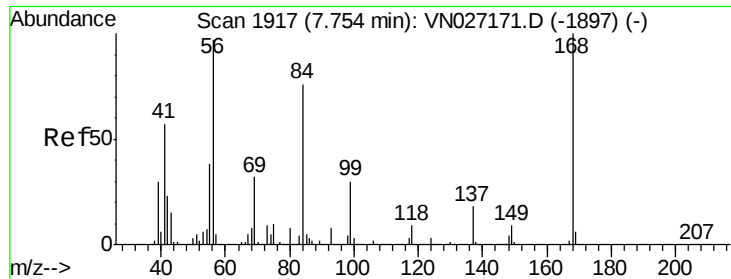
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VN027262.D

Acq: 17 Sep 2015 18:26

Instrument :

MSVOA_N

ClientSampleId :

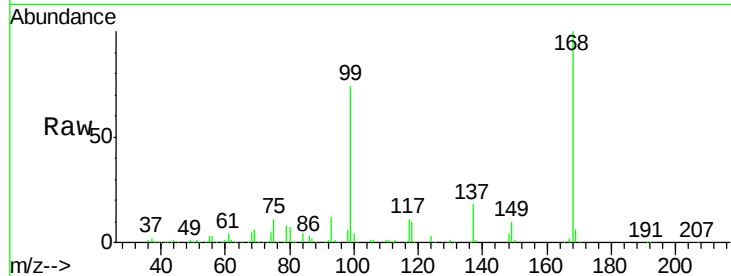
MW-7-9-15-15

Tot Ion:168 Resp: 751238

Ion Ratio Lower Upper

168 100

99 74.1 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

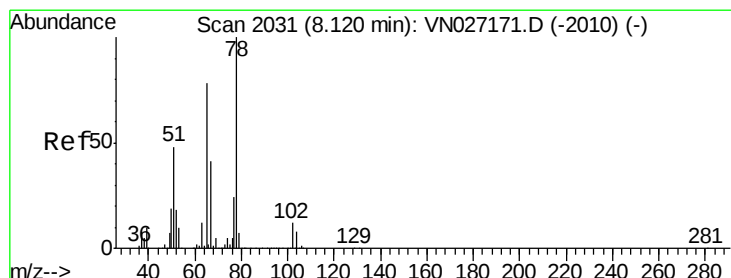
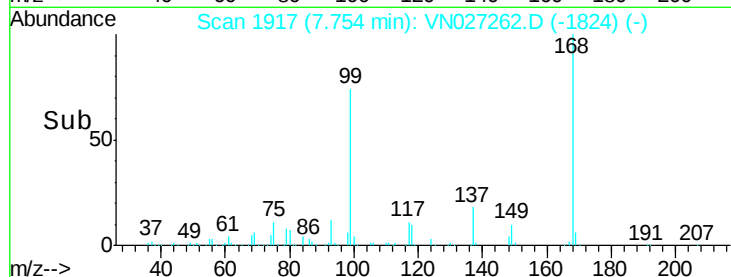
300000

200000

100000

0

Time-->



#34

1,2-Dichloroethane-d4

Concen: 48.96 ug/l

RT: 8.12 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VN027262.D

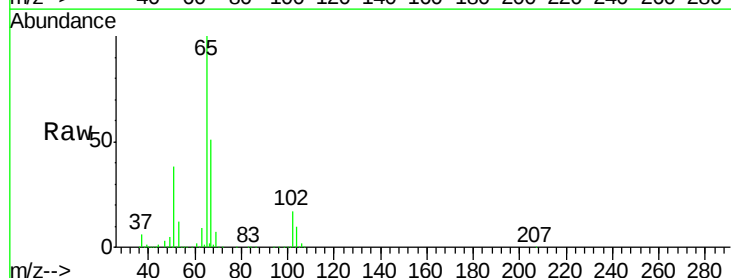
Acq: 17 Sep 2015 18:26

Tgt Ion: 65 Resp: 753574

Ion Ratio Lower Upper

65 100

67 50.6 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.12

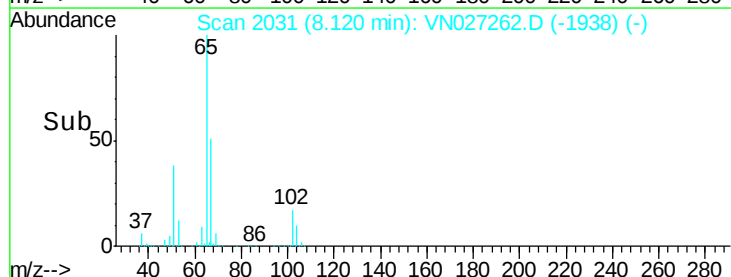
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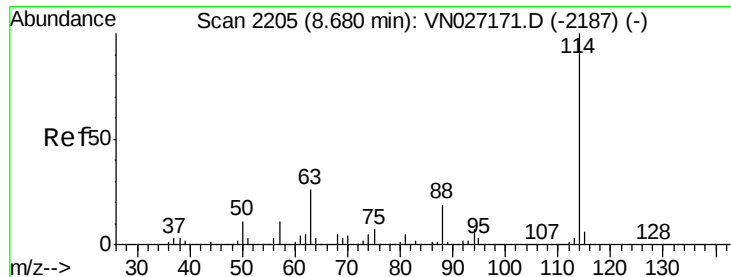
200000

100000

0

Time-->

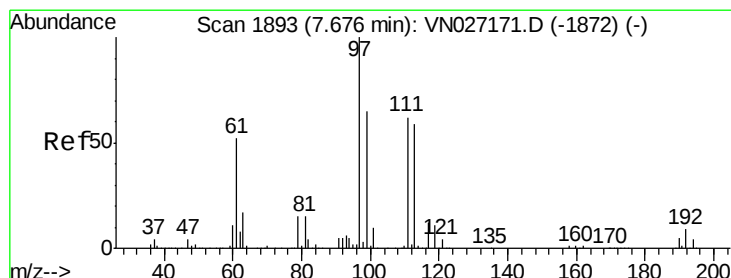
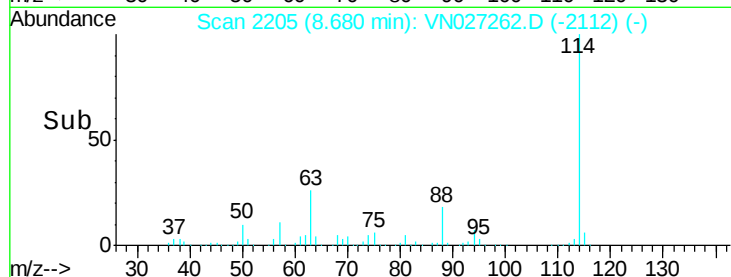
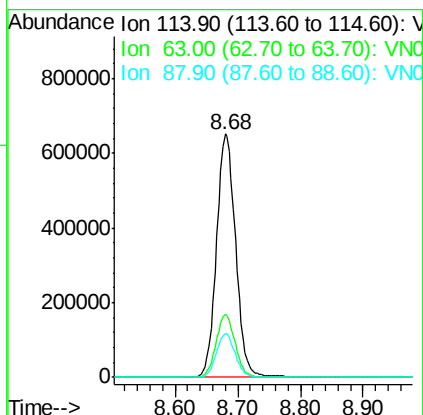
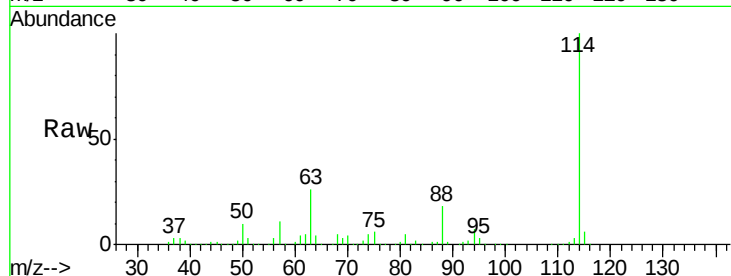




#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: VN027262.D
 Acq: 17 Sep 2015 18:26

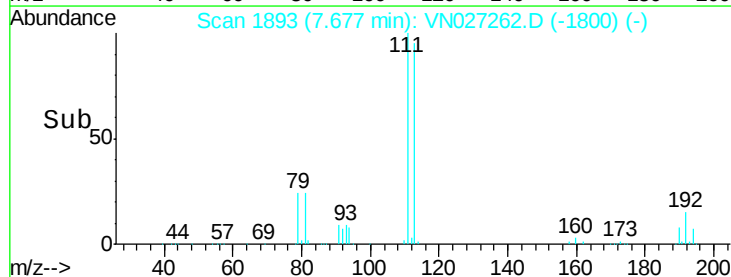
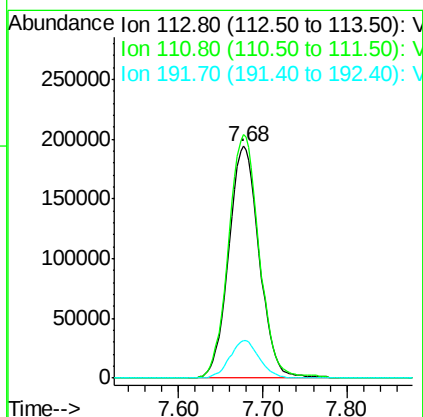
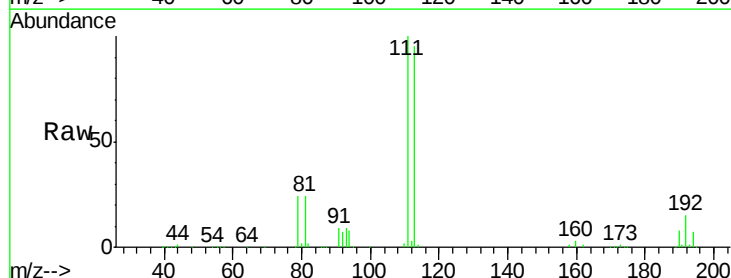
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7-9-15-15

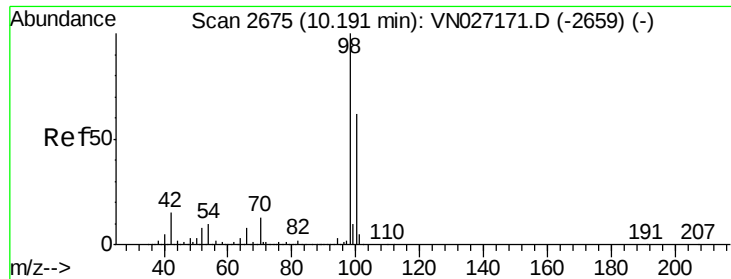
Tot Ion:114 Resp: 1370562
 Ion Ratio Lower Upper
 114 100
 63 25.7 0.0 48.8
 88 18.1 0.0 32.2



#36
 Dibromofluoromethane
 Concen: 51.38 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027262.D
 Acq: 17 Sep 2015 18:26

Tgt Ion:113 Resp: 488139
 Ion Ratio Lower Upper
 113 100
 111 105.3 83.0 124.4
 192 15.9 14.1 21.1





#51

Toluene-d8

Concen: 53.35 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027262.D

Acq: 17 Sep 2015 18:26

Instrument :

MSVOA_N

ClientSampleId :

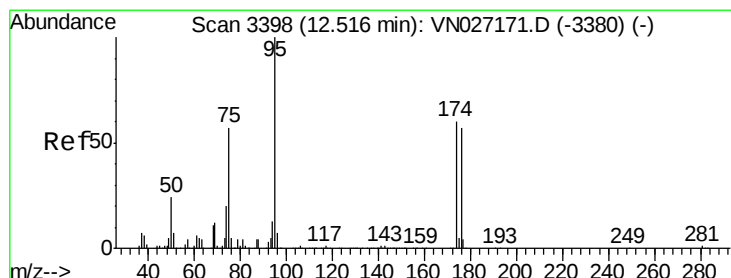
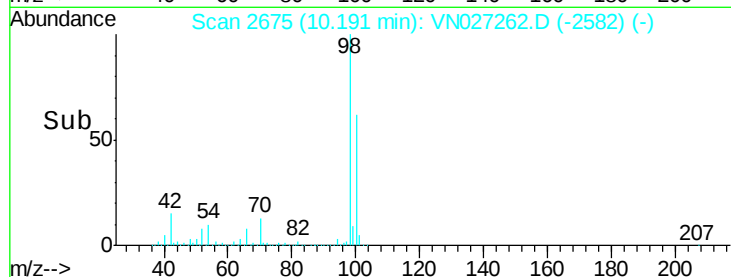
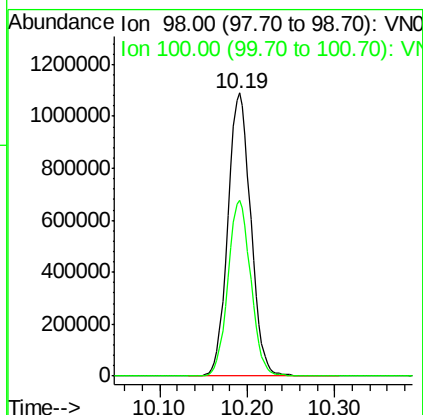
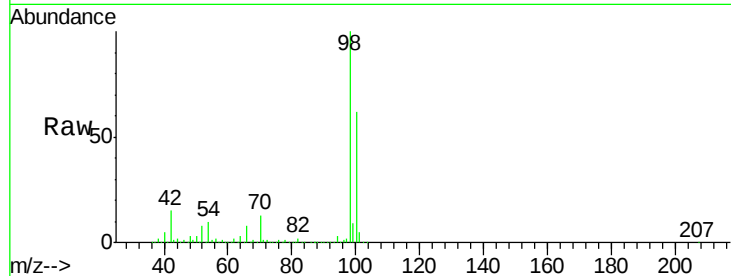
MW-7-9-15-15

Tot Ion: 98 Resp: 1984580

Ion Ratio Lower Upper

98 100

100 61.9 50.5 75.7



#63

4-Bromofluorobenzene

Concen: 50.12 ug/l

RT: 12.52 min Scan# 3399

Delta R.T. 0.00 min

Lab File: VN027262.D

Acq: 17 Sep 2015 18:26

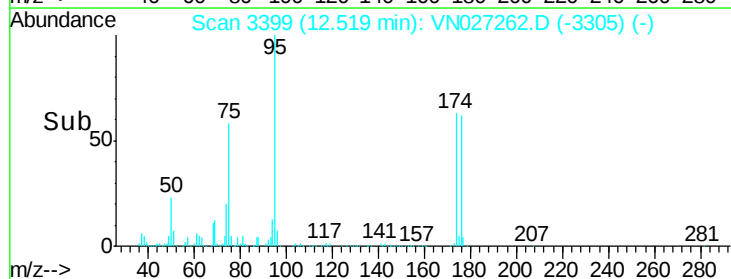
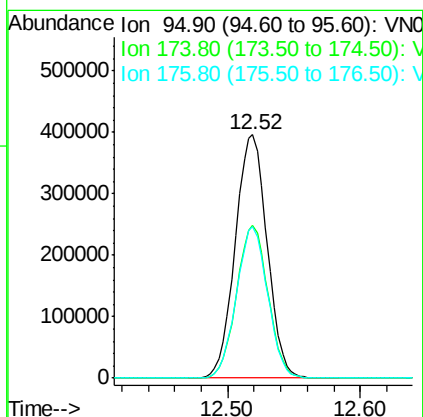
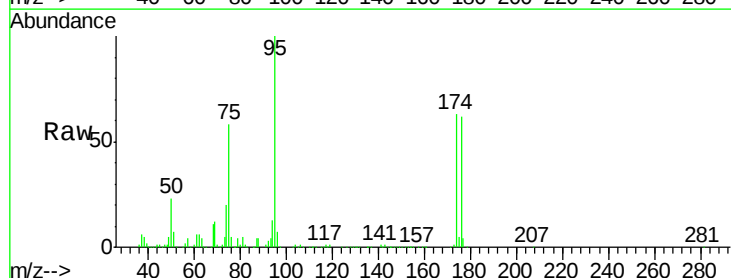
Tgt Ion: 95 Resp: 661778

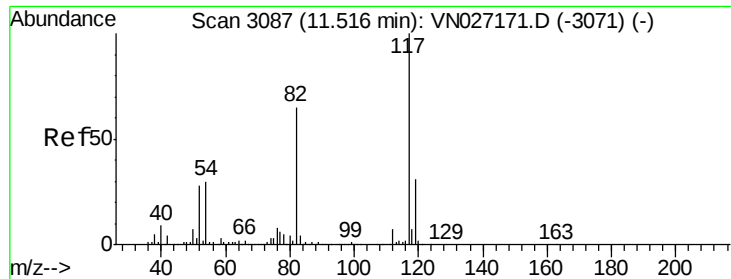
Ion Ratio Lower Upper

95 100

174 62.1 0.0 137.0

176 60.9 0.0 130.8

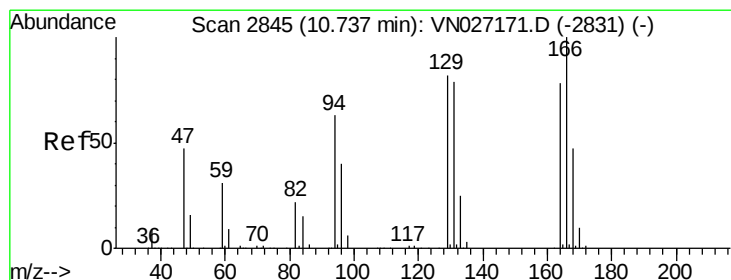
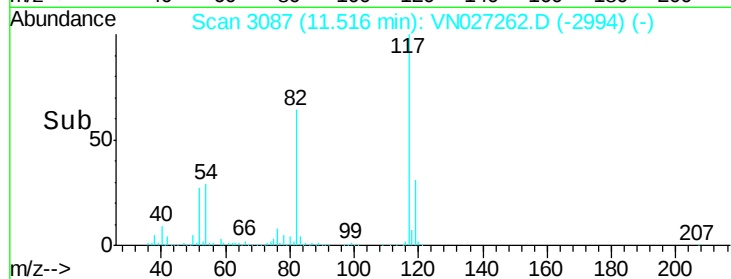
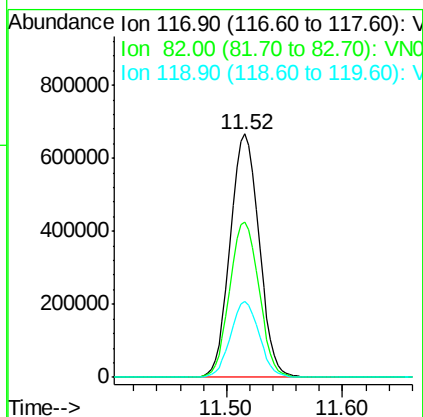
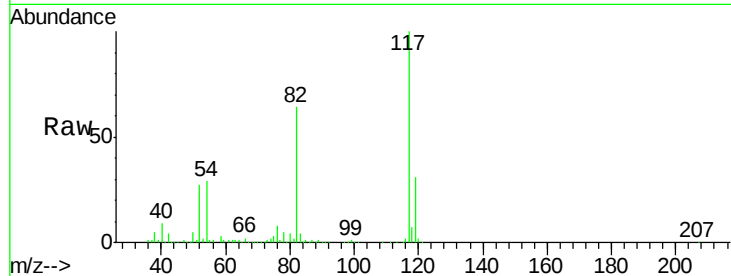




#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027262.D
Acq: 17 Sep 2015 18:26

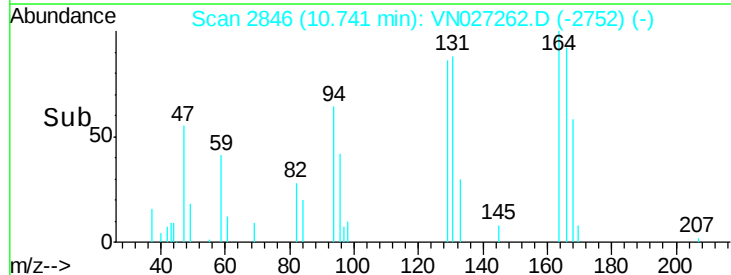
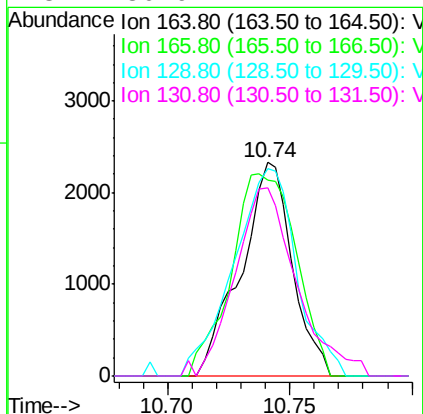
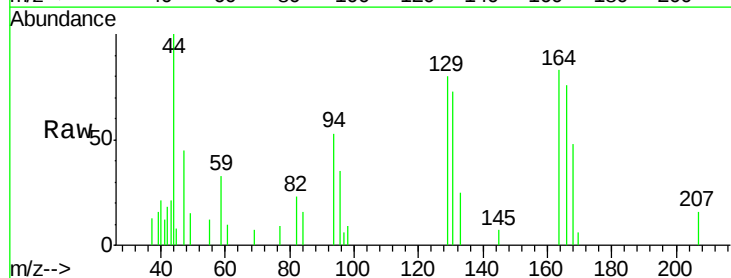
Instrument :
MSVOA_N
ClientSampleId :
MW-7-9-15-15

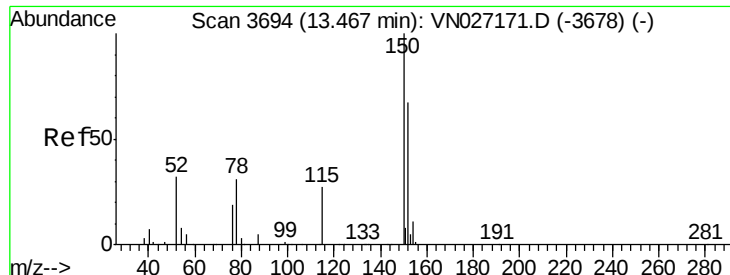
Tot Ion:117 Resp: 1146858
Ion Ratio Lower Upper
117 100
82 64.0 49.6 74.4
119 31.1 24.6 36.8



#65
Tetrachloroethene
Concen: 0.46 ug/l
RT: 10.74 min Scan# 2846
Delta R.T. 0.00 min
Lab File: VN027262.D
Acq: 17 Sep 2015 18:26

Tgt Ion:164 Resp: 3401
Ion Ratio Lower Upper
164 100
166 91.7 103.4 155.0#
129 89.7 77.5 116.3
131 80.9 74.2 111.4





#73

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.47 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN027262.D

Acq: 17 Sep 2015 18:26

Instrument :

MSVOA_N

ClientSampleId :

MW-7-9-15-15

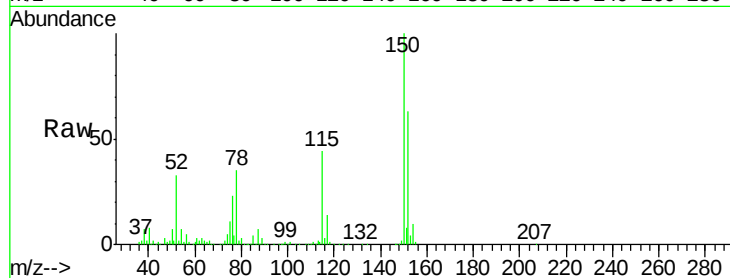
Tot Ion:152 Resp: 402957

Ion Ratio Lower Upper

152 100

115 68.7 30.8 92.3

150 158.9 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

