

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091715\
 Data File : VN027248.D
 Acq On : 17 Sep 2015 11:59
 Operator : MD\FY
 Sample : G3704-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIPBLANK

Quant Time: Sep 18 01:41:51 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	754005	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1354426	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1114556	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	366721	50.00	ug/l	0.00

System Monitoring Compounds						
34) 1,2-Dichloroethane-d4	8.12	65	747730	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
36) Dibromofluoromethane	7.68	113	486220	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
51) Toluene-d8	10.19	98	1992573	54.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.40%	
63) 4-Bromofluorobenzene	12.52	95	623423	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	

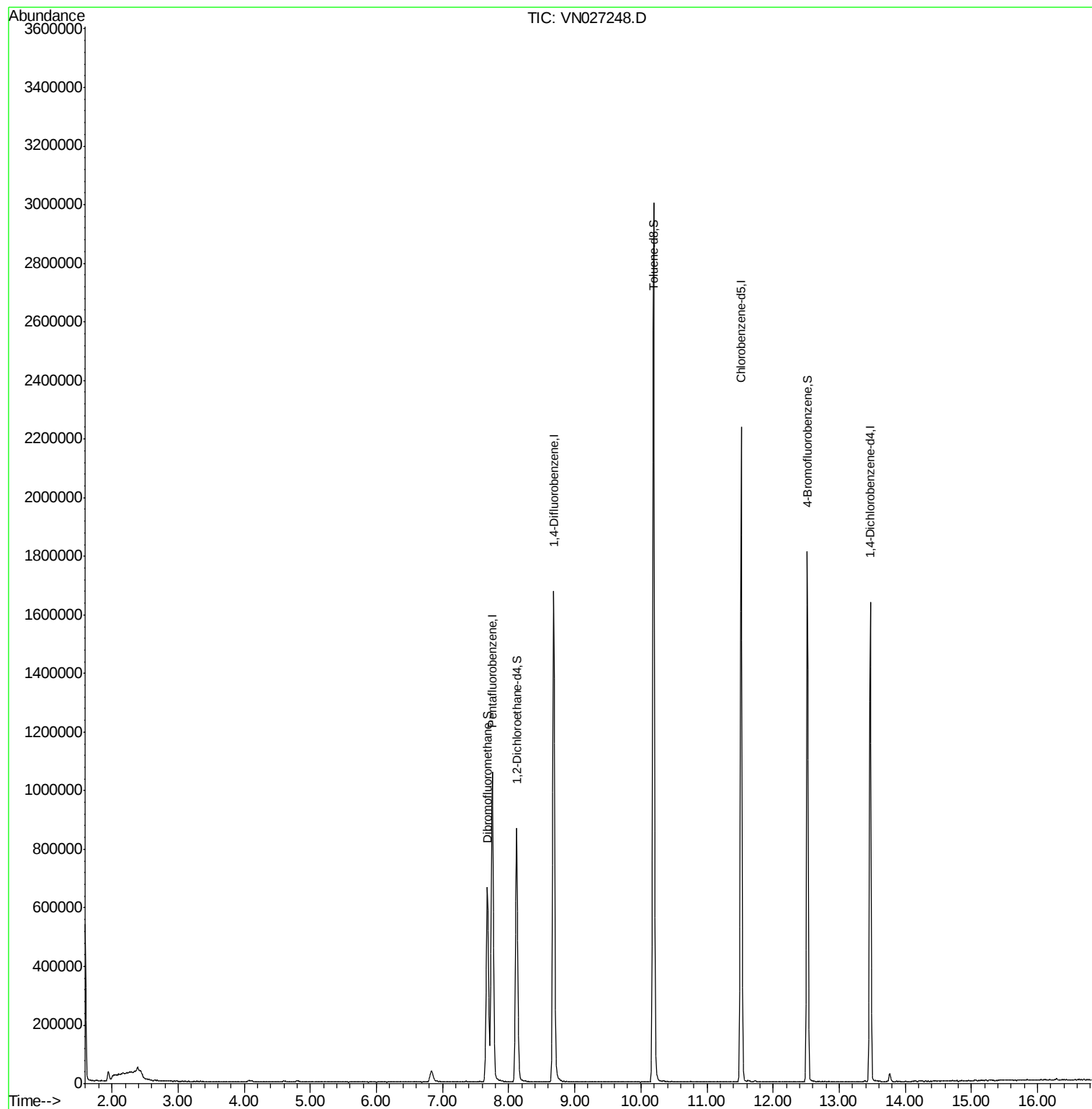
Target Compounds	Qvalue

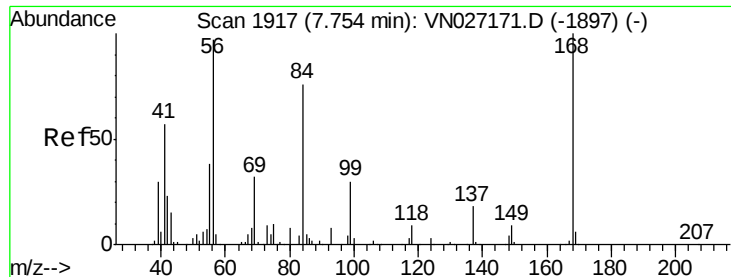
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN027248.D

Acq: 17 Sep 2015 11:59

Instrument :

MSVOA_N

ClientSampleId :

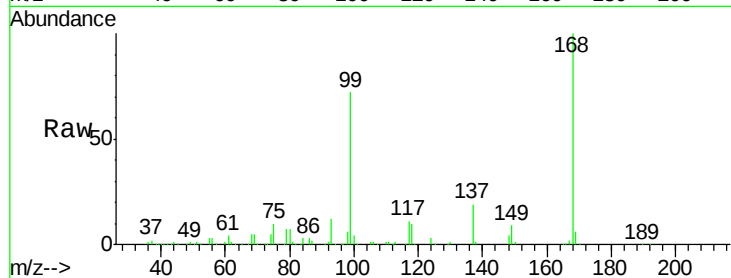
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Tot Ion:168 Resp: 754005

Ion Ratio Lower Upper

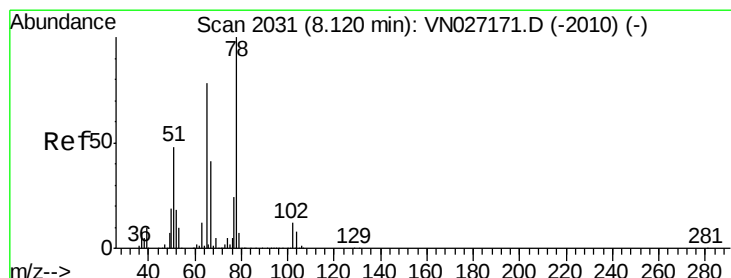
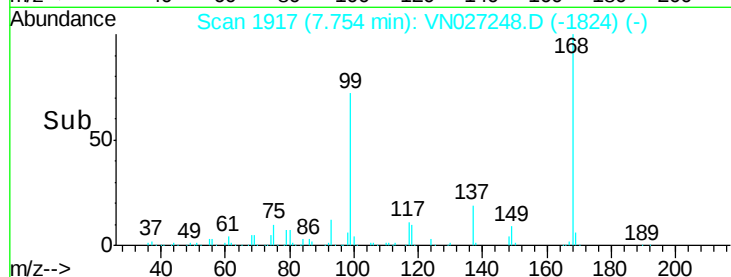
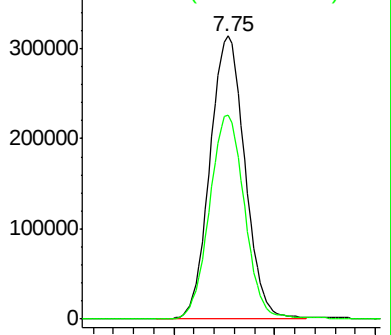
168 100

99 71.9 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: 48.40 ug/l

RT: 8.12 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VN027248.D

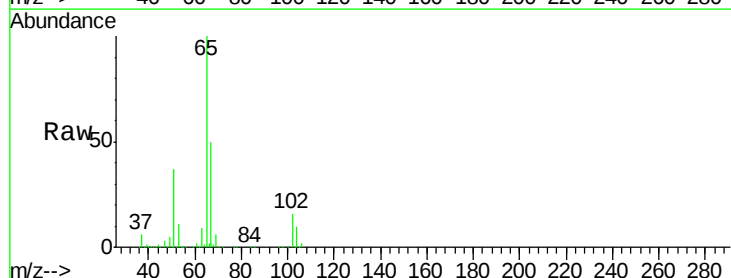
Acq: 17 Sep 2015 11:59

Tgt Ion: 65 Resp: 747730

Ion Ratio Lower Upper

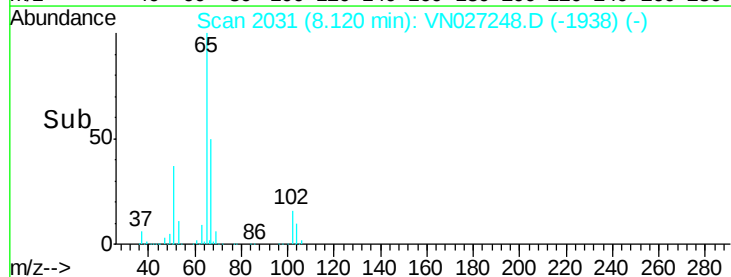
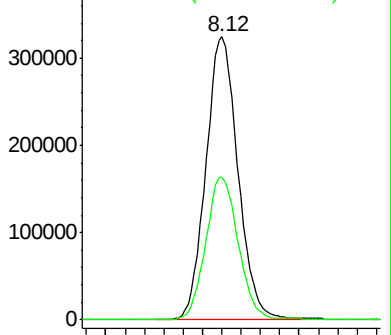
65 100

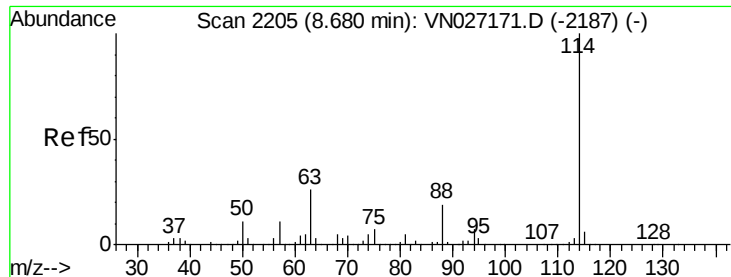
67 51.4 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

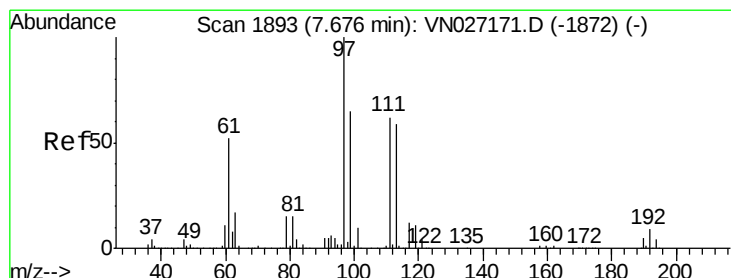
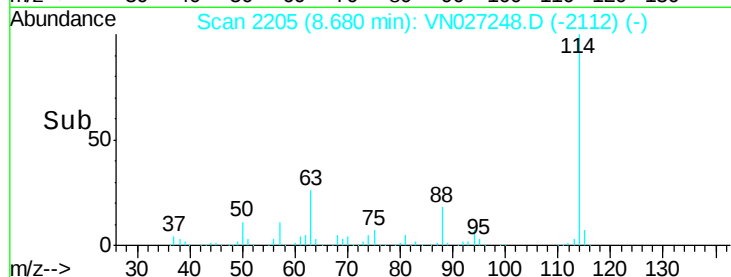
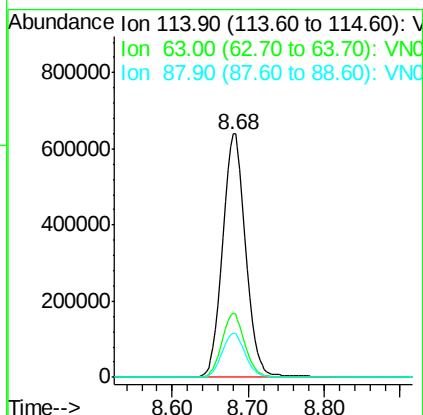
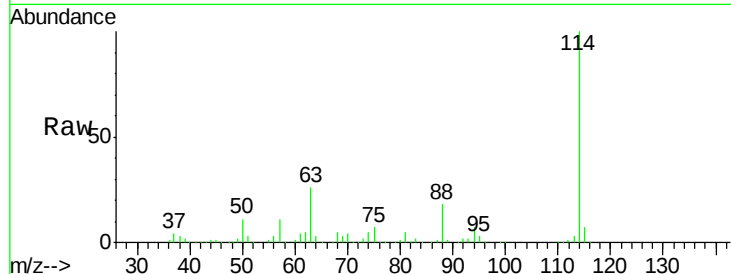




#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: VN027248.D
 Acq: 17 Sep 2015 11:59

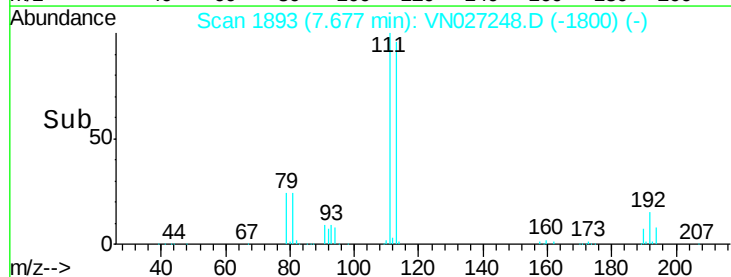
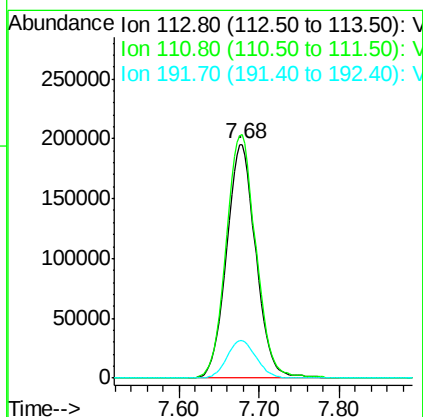
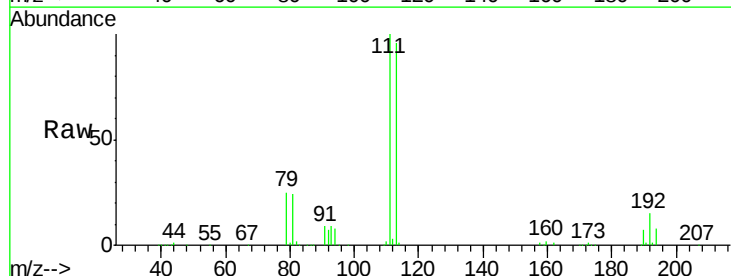
Instrument :
 MSVOA_N
 ClientSampleId :
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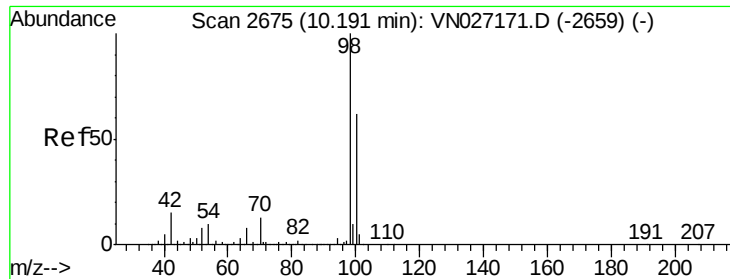
Tot Ion:114 Resp: 1354426
 Ion Ratio Lower Upper
 114 100
 63 26.2 0.0 48.8
 88 18.3 0.0 32.2



#36
 Dibromofluoromethane
 Concen: 51.79 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027248.D
 Acq: 17 Sep 2015 11:59

Tgt Ion:113 Resp: 486220
 Ion Ratio Lower Upper
 113 100
 111 106.5 83.0 124.4
 192 16.2 14.1 21.1





#51

Toluene-d8

Concen: 54.20 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027248.D

Acq: 17 Sep 2015 11:59

Instrument :

MSVOA_N

ClientSampled :

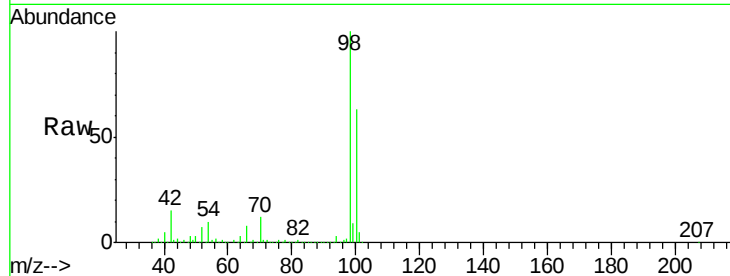
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Tot Ion: 98 Resp: 1992573

Ion Ratio Lower Upper

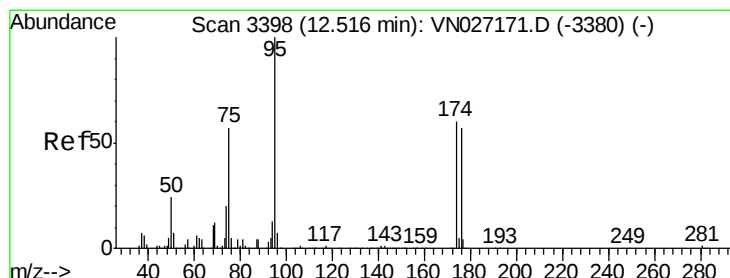
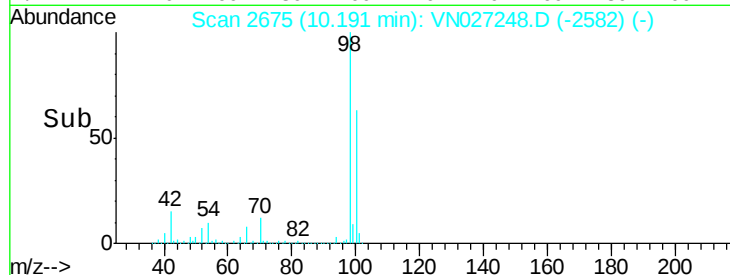
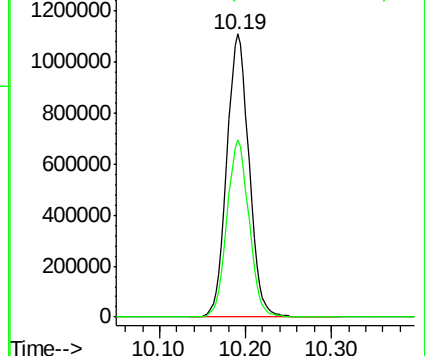
98 100

100 62.3 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: 47.78 ug/l

RT: 12.52 min Scan# 3399

Delta R.T. 0.00 min

Lab File: VN027248.D

Acq: 17 Sep 2015 11:59

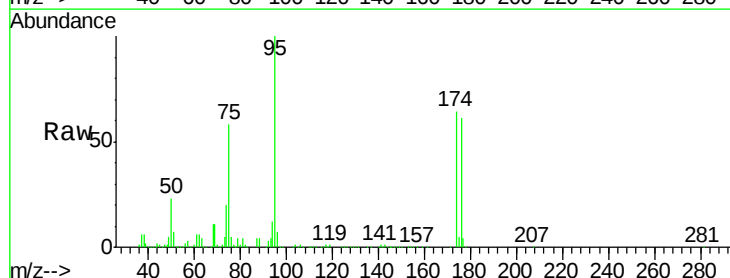
Tgt Ion: 95 Resp: 623423

Ion Ratio Lower Upper

95 100

174 63.1 0.0 137.0

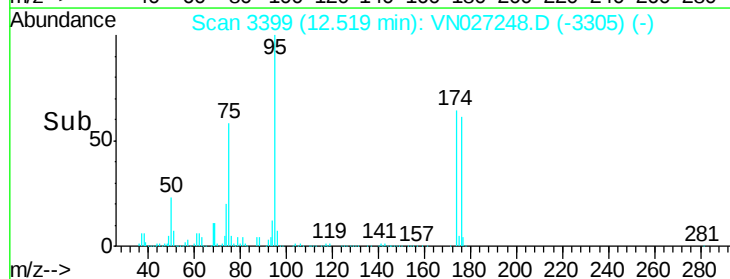
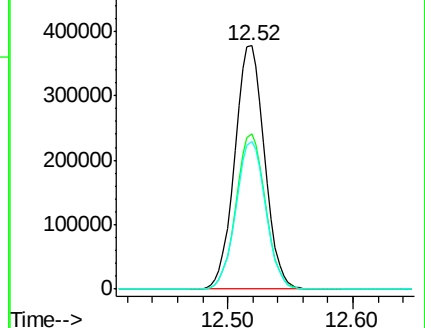
176 60.7 0.0 130.8

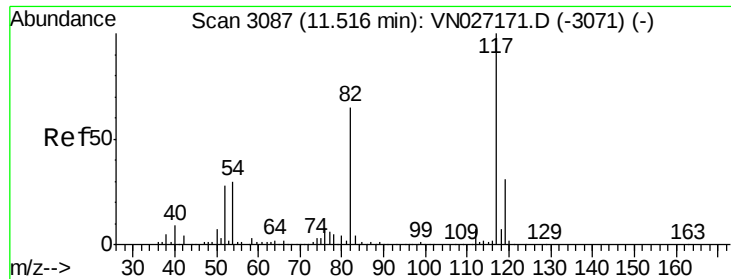


Abundance Ion 94.90 (94.60 to 95.60): VN0

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: VN027248.D

Acq: 17 Sep 2015 11:59

Instrument :

MSVOA_N

ClientSampled :

TRIPBLANK

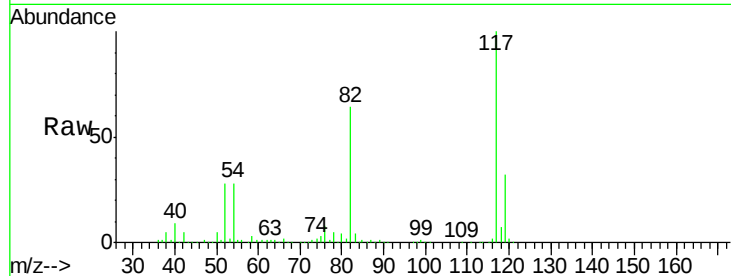
Tot Ion:117 Resp: 1114556

Ion Ratio Lower Upper

117 100

82 64.3 49.6 74.4

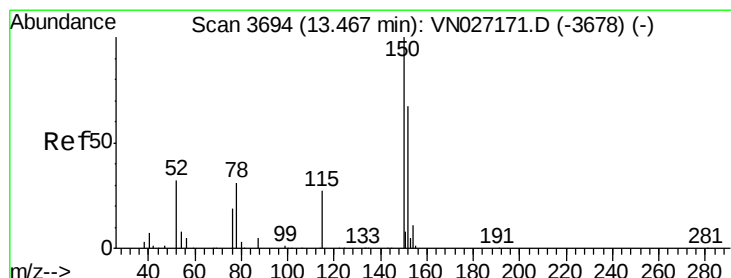
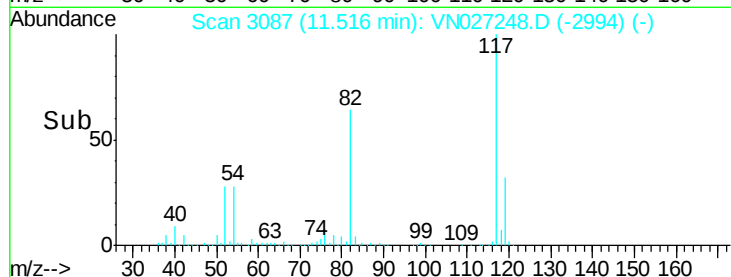
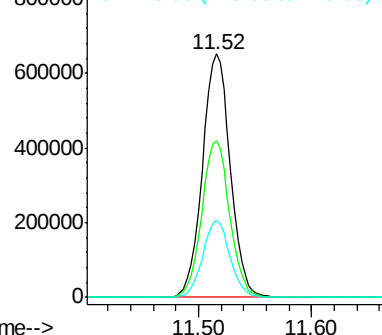
119 31.8 24.6 36.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): 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: VN027248.D

Acq: 17 Sep 2015 11:59

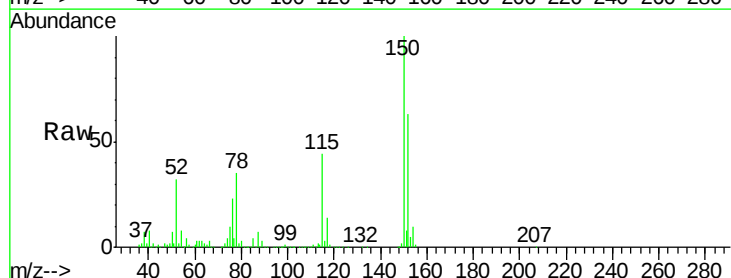
Tgt Ion:152 Resp: 366721

Ion Ratio Lower Upper

152 100

115 67.3 30.8 92.3

150 159.0 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

