

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091515\
 Data File : VN027187.D
 Acq On : 16 Sep 2015 3:01
 Operator : MD\FY
 Sample : G3629-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0101

Quant Time: Sep 16 04:51:00 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

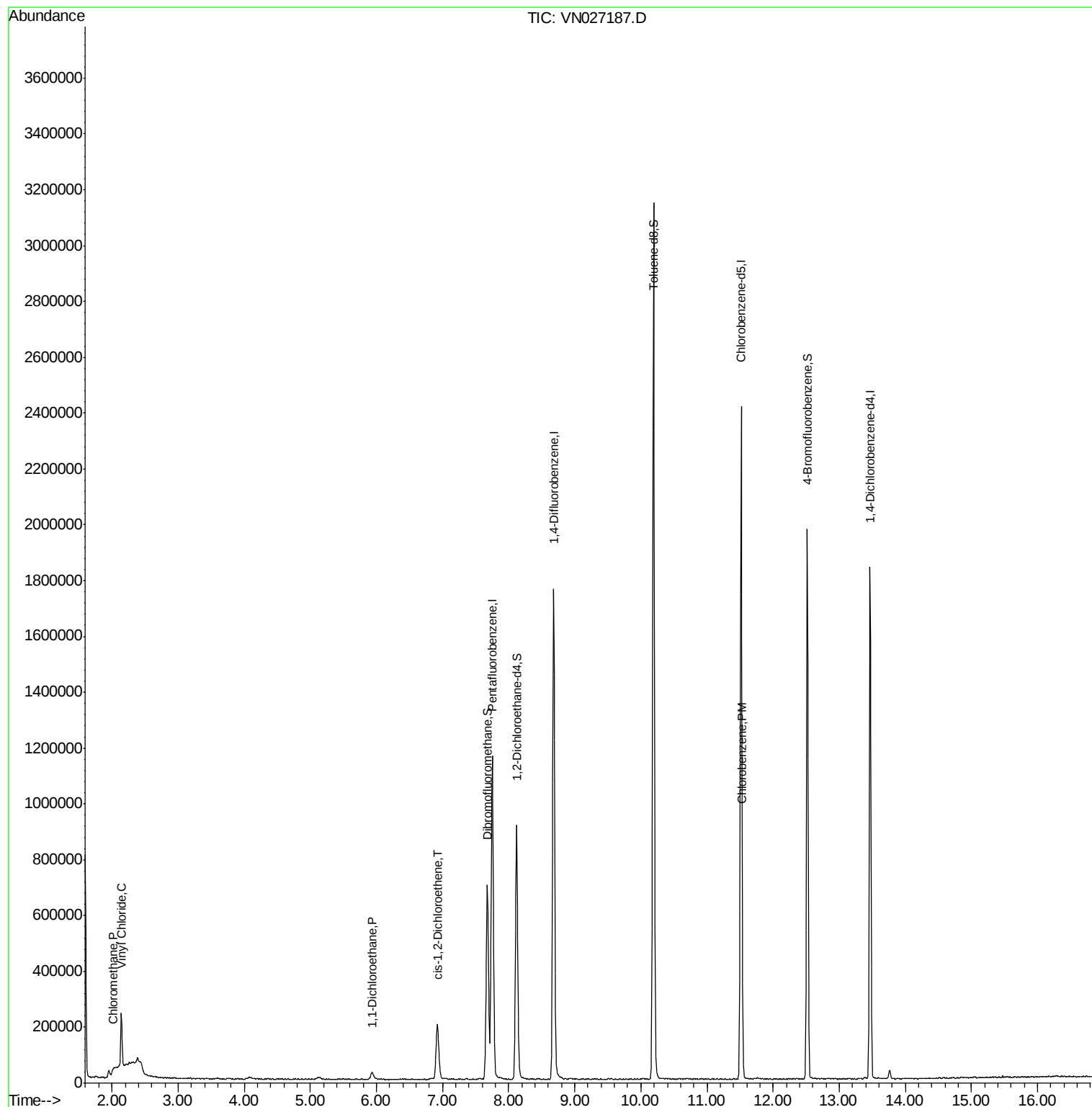
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	807094	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1434292	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1198889	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	409132	50.00	ug/l	0.00
System Monitoring Compounds						
34) 1,2-Dichloroethane-d4	8.12	65	792104	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.80%	
36) Dibromofluoromethane	7.68	113	513608	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.32%	
51) Toluene-d8	10.19	98	2086509	53.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.20%	
63) 4-Bromofluorobenzene	12.52	95	687852	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
Target Compounds						
4) Chloromethane	2.01	50	3989	1.47	ug/l	# 83
5) Vinyl Chloride	2.14	62	161935	14.20	ug/l	98
25) 1,1-Dichloroethane	5.94	63	36393	1.43	ug/l	97
28) cis-1,2-Dichloroethene	6.92	96	121864	9.48	ug/l	91
66) Chlorobenzene	11.54	112	9701	0.34	ug/l	90

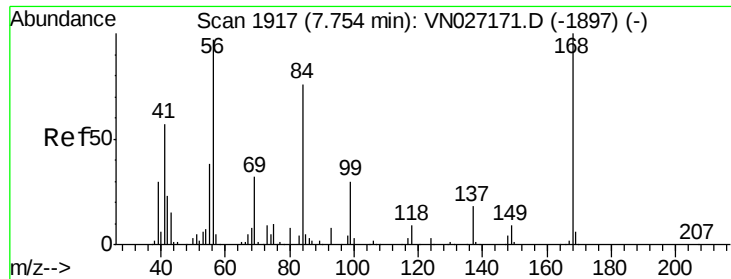
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN027187.D

Acq: 16 Sep 2015 3:01

Instrument :

MSVOA_N

ClientSampleId :

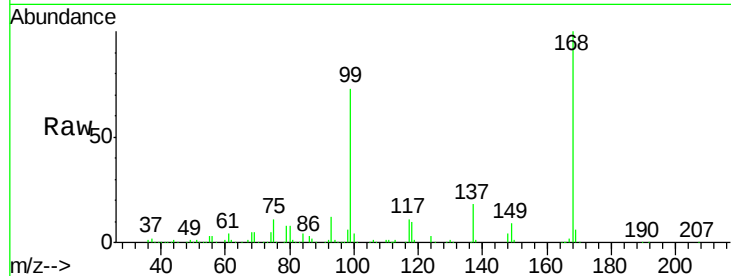
S39-0101

Tot Ion:168 Resp: 807094

Ion Ratio Lower Upper

168 100

99 73.2 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

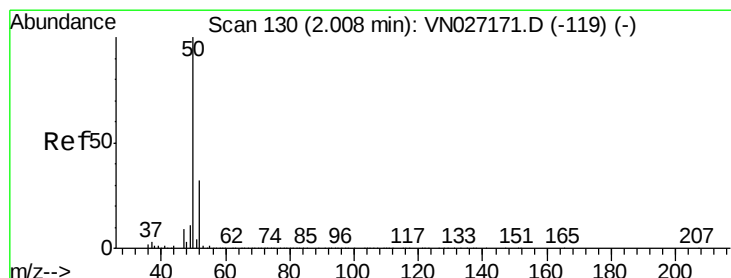
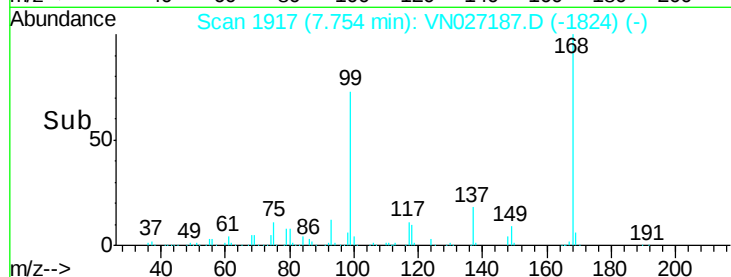
300000

200000

100000

0

Time-->



#4

Chloromethane

Concen: 1.47 ug/l

RT: 2.01 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN027187.D

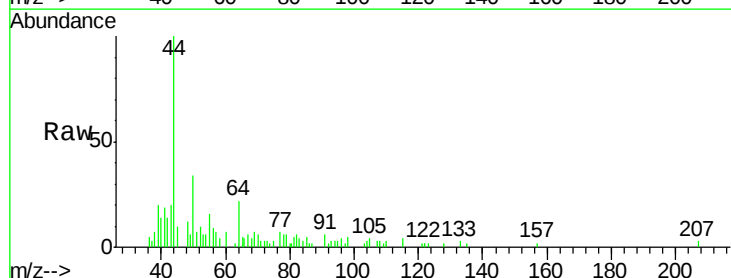
Acq: 16 Sep 2015 3:01

Tgt Ion: 50 Resp: 3989

Ion Ratio Lower Upper

50 100

52 22.7 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.01

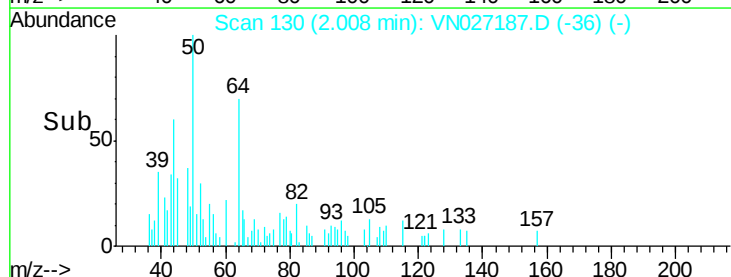
3000

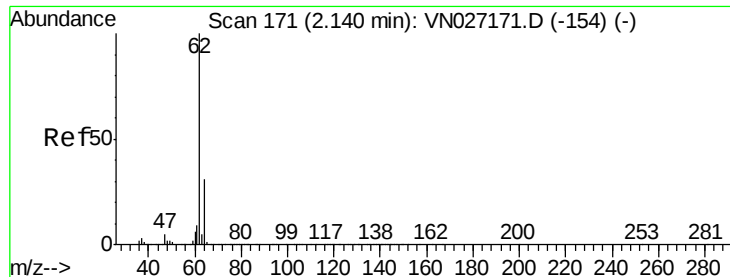
2000

1000

0

Time-->





#5

Vinyl Chloride

Concen: 14.20 ug/l

RT: 2.14 min Scan# 172

Delta R.T. 0.00 min

Lab File: VN027187.D

Acq: 16 Sep 2015 3:01

Instrument :

MSVOA_N

ClientSampleId :

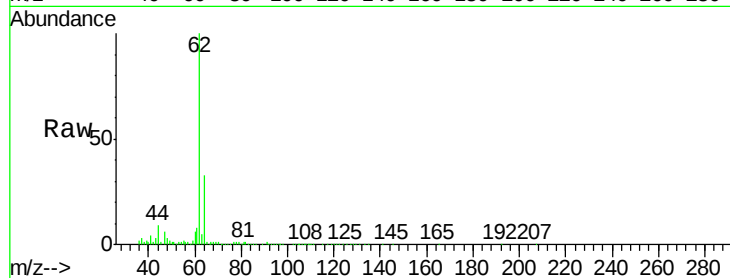
S39-0101

Tot Ion: 62 Resp: 161935

Ion Ratio Lower Upper

62 100

64 31.0 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.14

120000

100000

80000

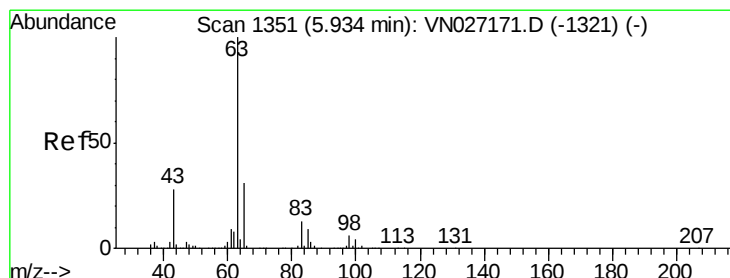
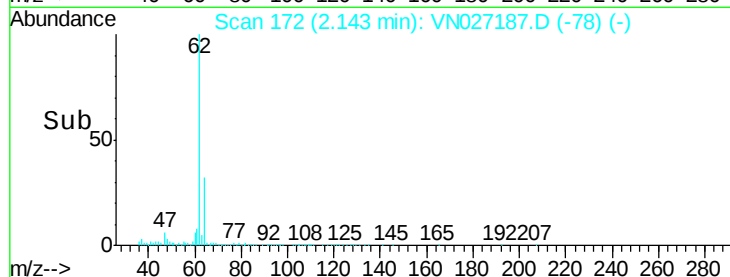
60000

40000

20000

0

Time-->



#25

1,1-Dichloroethane

Concen: 1.43 ug/l

RT: 5.94 min Scan# 1352

Delta R.T. 0.00 min

Lab File: VN027187.D

Acq: 16 Sep 2015 3:01

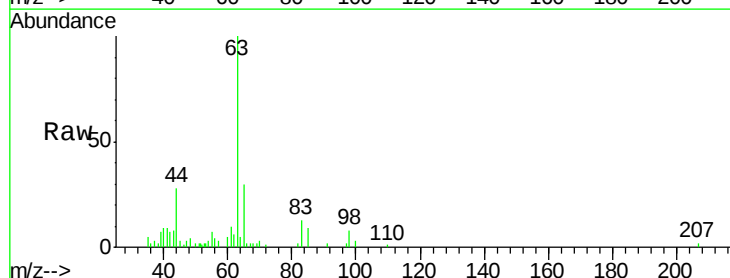
Tgt Ion: 63 Resp: 36393

Ion Ratio Lower Upper

63 100

98 6.6 2.8 8.3

100 2.7 1.7 5.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

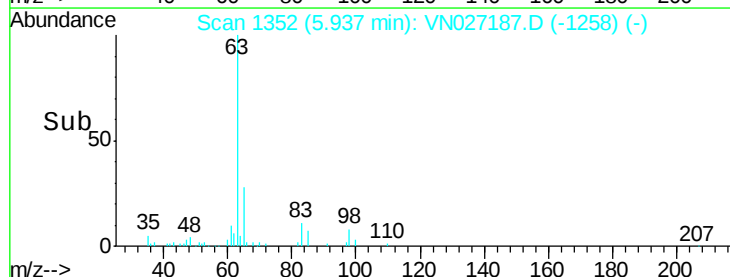
15000

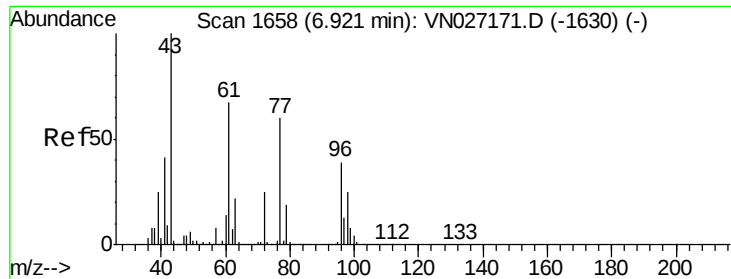
10000

5000

0

Time-->

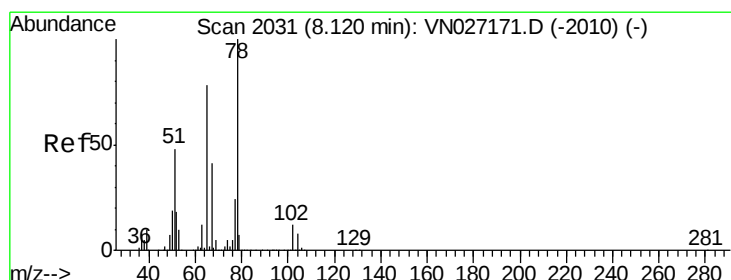
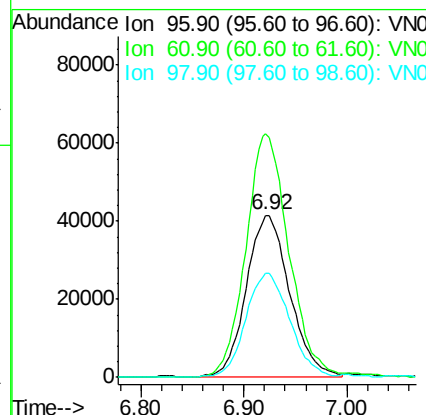
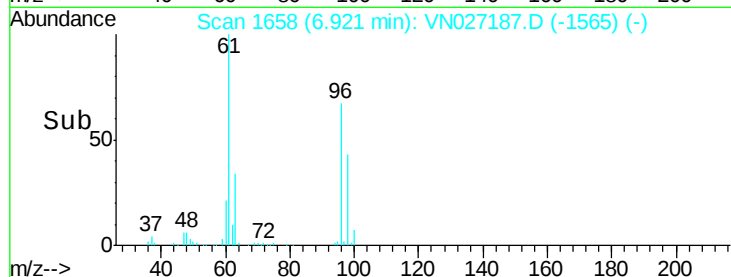
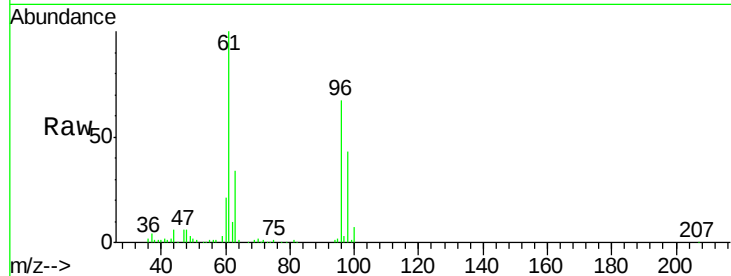




#28
 cis-1,2-Dichloroethene
 Concen: 9.48 ug/l
 RT: 6.92 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: VN027187.D
 Acq: 16 Sep 2015 3:01

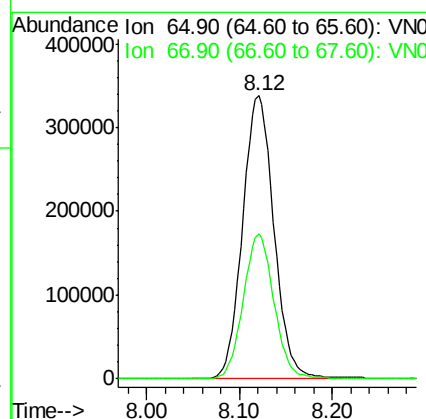
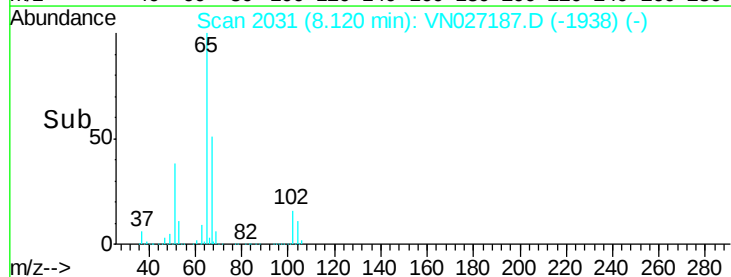
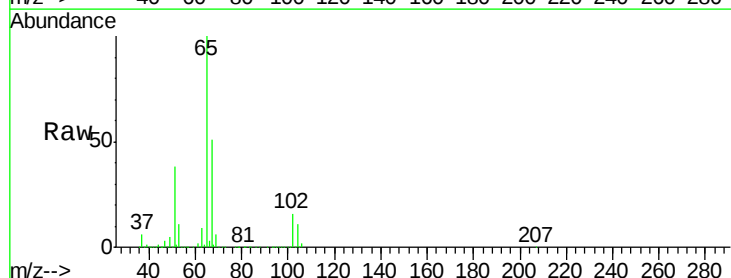
Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0101

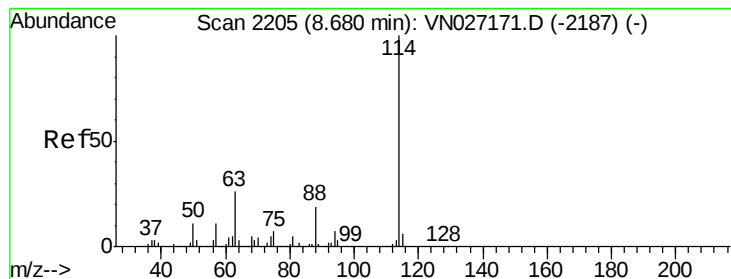
Tot Ion	Ratio	Lower	Upper
96	100		
61	149.6	0.0	329.2
98	65.0	0.0	126.0



#34
 1,2-Dichloroethane-d4
 Concen: 47.90 ug/l
 RT: 8.12 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: VN027187.D
 Acq: 16 Sep 2015 3:01

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.0	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: VN027187.D

Acq: 16 Sep 2015 3:01

Instrument :

MSVOA_N

ClientSampleId :

S39-0101

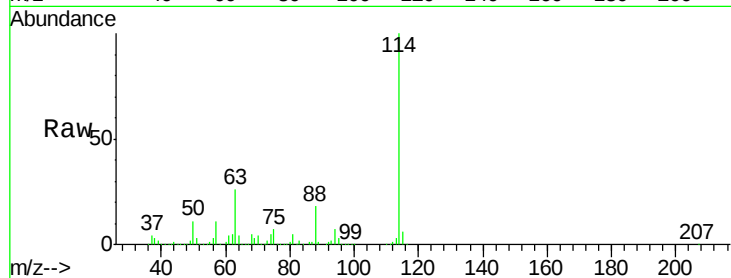
Tot Ion:114 Resp: 1434292

Ion Ratio Lower Upper

114 100

63 25.9 0.0 48.8

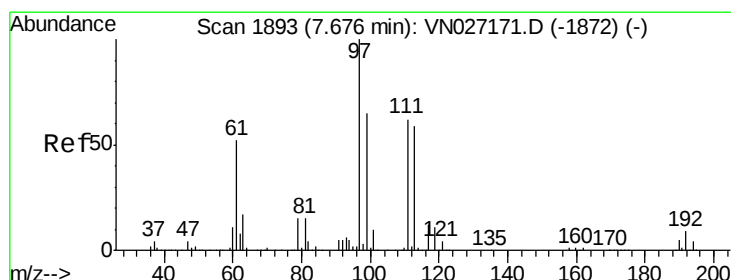
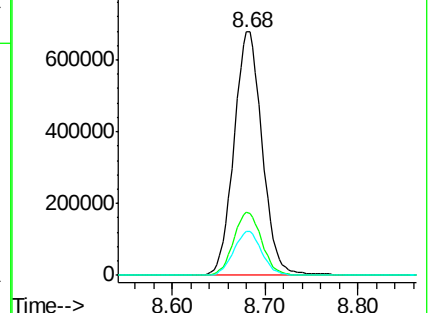
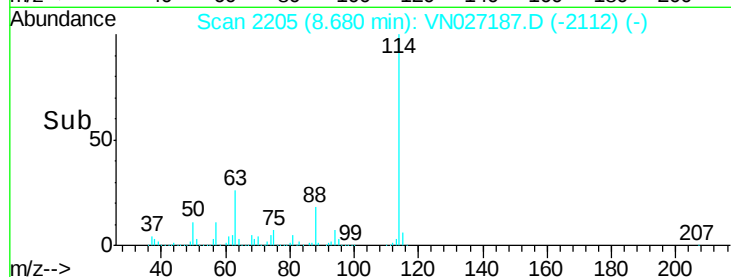
88 18.0 0.0 32.2



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: 51.66 ug/l

RT: 7.68 min Scan# 1893

Delta R.T. 0.00 min

Lab File: VN027187.D

Acq: 16 Sep 2015 3:01

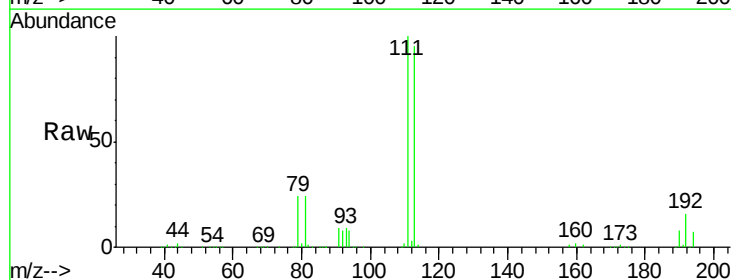
Tgt Ion:113 Resp: 513608

Ion Ratio Lower Upper

113 100

111 105.5 83.0 124.4

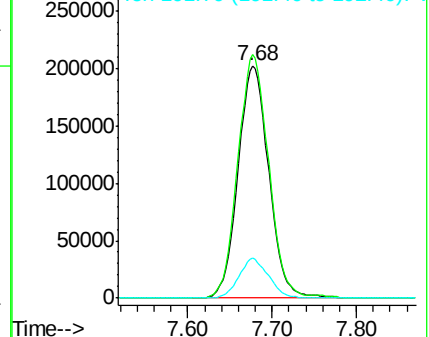
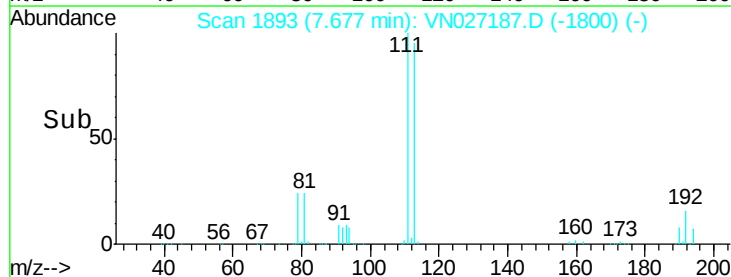
192 16.6 14.1 21.1

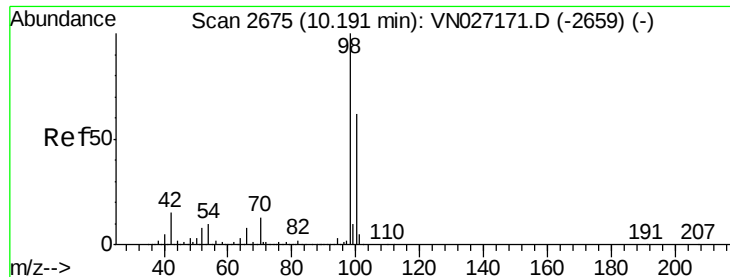


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#51

Toluene-d8

Concen: 53.60 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027187.D

Acq: 16 Sep 2015 3:01

Instrument :

MSVOA_N

ClientSampled :

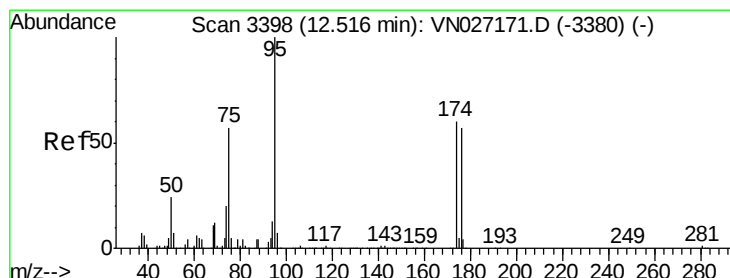
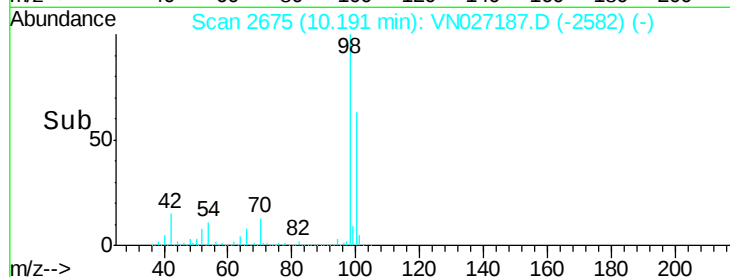
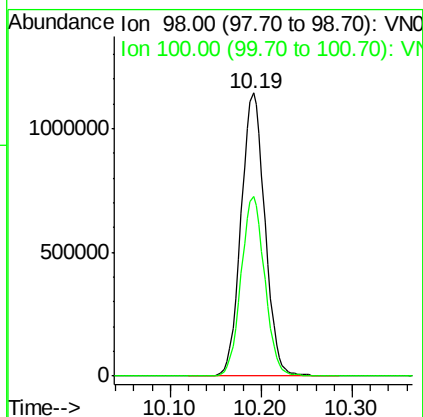
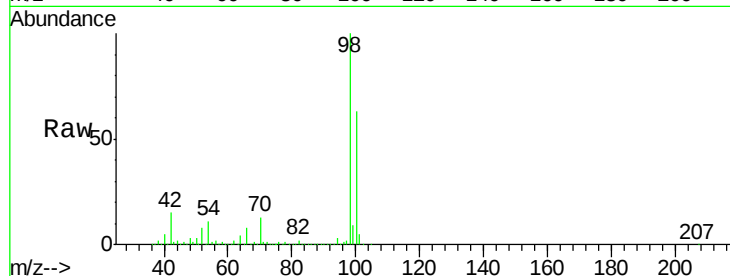
S39-0101

Tot Ion: 98 Resp: 2086509

Ion Ratio Lower Upper

98 100

100 62.9 50.5 75.7



#63

4-Bromofluorobenzene

Concen: 49.78 ug/l

RT: 12.52 min Scan# 3398

Delta R.T. 0.00 min

Lab File: VN027187.D

Acq: 16 Sep 2015 3:01

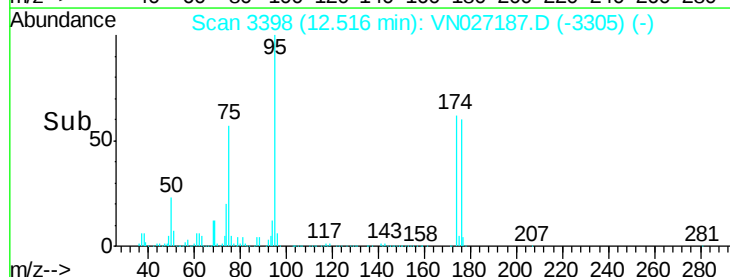
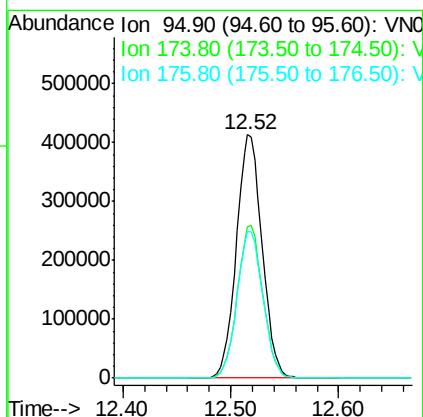
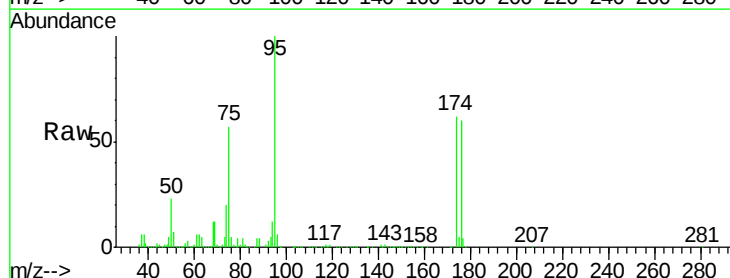
Tgt Ion: 95 Resp: 687852

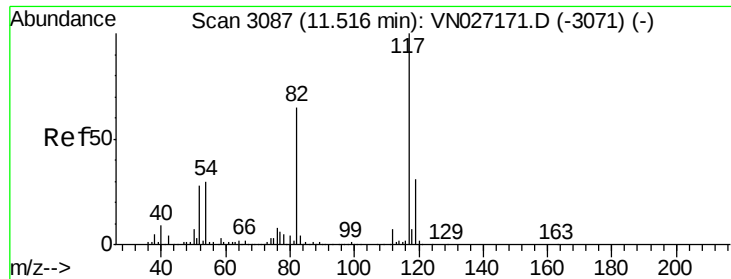
Ion Ratio Lower Upper

95 100

174 62.2 0.0 137.0

176 60.8 0.0 130.8

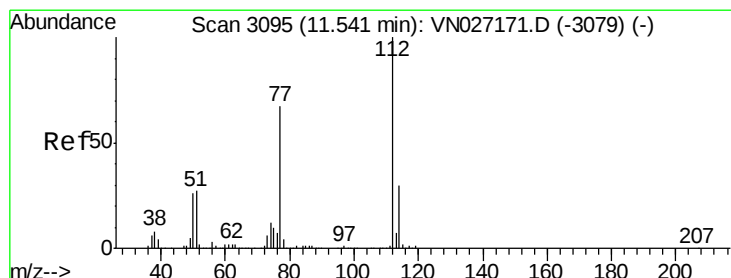
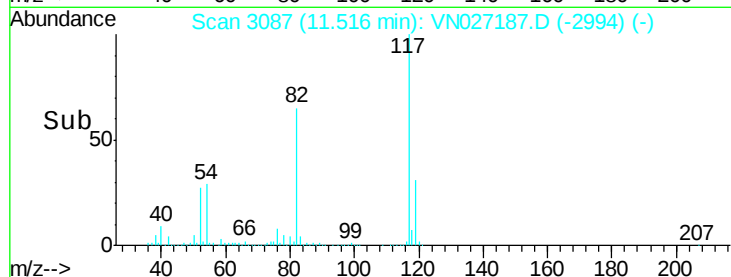
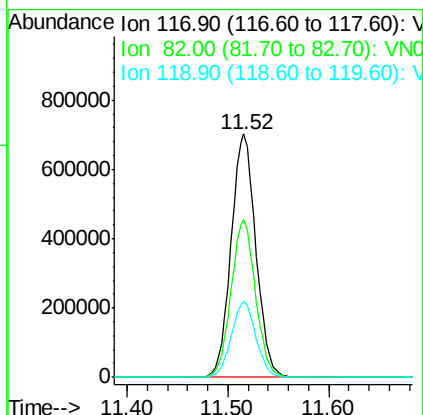
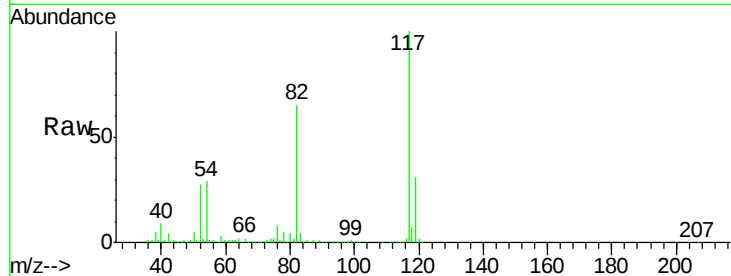




#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027187.D
Acq: 16 Sep 2015 3:01

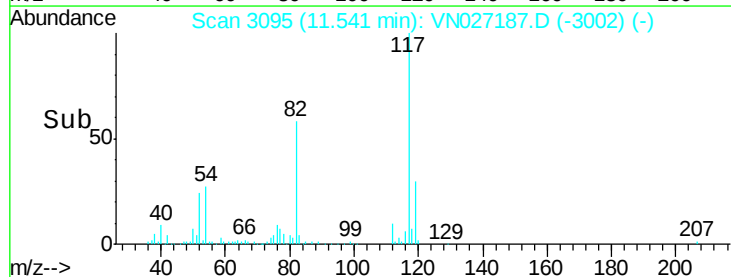
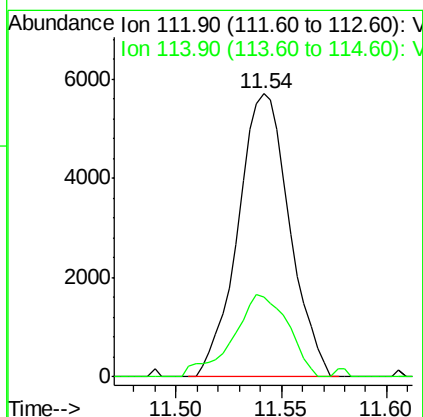
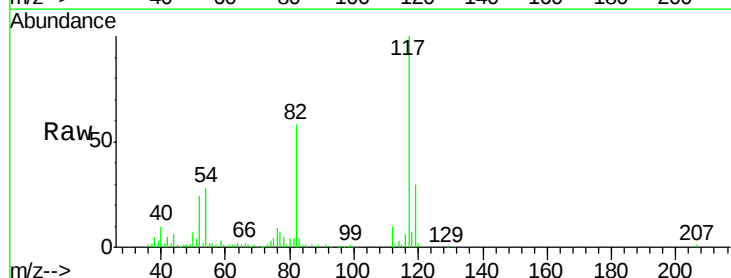
Instrument :
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ClientSampleId :
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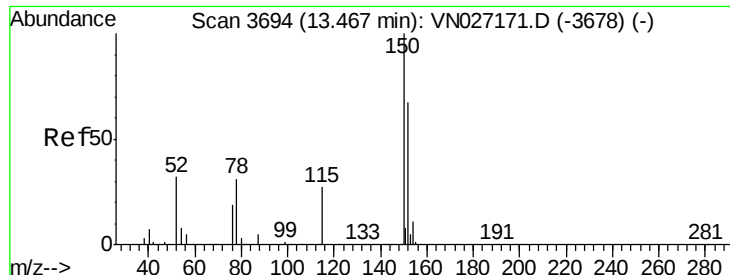
Tot Ion:117 Resp: 1198889
Ion Ratio Lower Upper
117 100
82 64.6 49.6 74.4
119 31.0 24.6 36.8



#66
Chlorobenzene
Concen: 0.34 ug/l
RT: 11.54 min Scan# 3095
Delta R.T. 0.00 min
Lab File: VN027187.D
Acq: 16 Sep 2015 3:01

Tgt Ion:112 Resp: 9701
Ion Ratio Lower Upper
112 100
114 25.4 24.9 37.3





#73

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.47 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN027187.D

Acq: 16 Sep 2015 3:01

Instrument :

MSVOA_N

ClientSampleId :

S39-0101

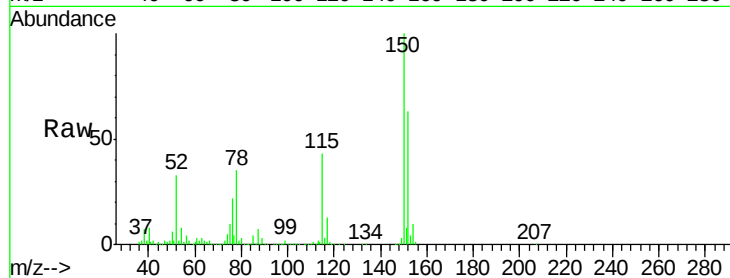
Tot Ion:152 Resp: 409132

Ion Ratio Lower Upper

152 100

115 68.2 30.8 92.3

150 159.2 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

