

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091515\
 Data File : VN027186.D
 Acq On : 16 Sep 2015 2:34
 Operator : MD\FY
 Sample : G3629-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0100

Quant Time: Sep 16 04:35:56 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

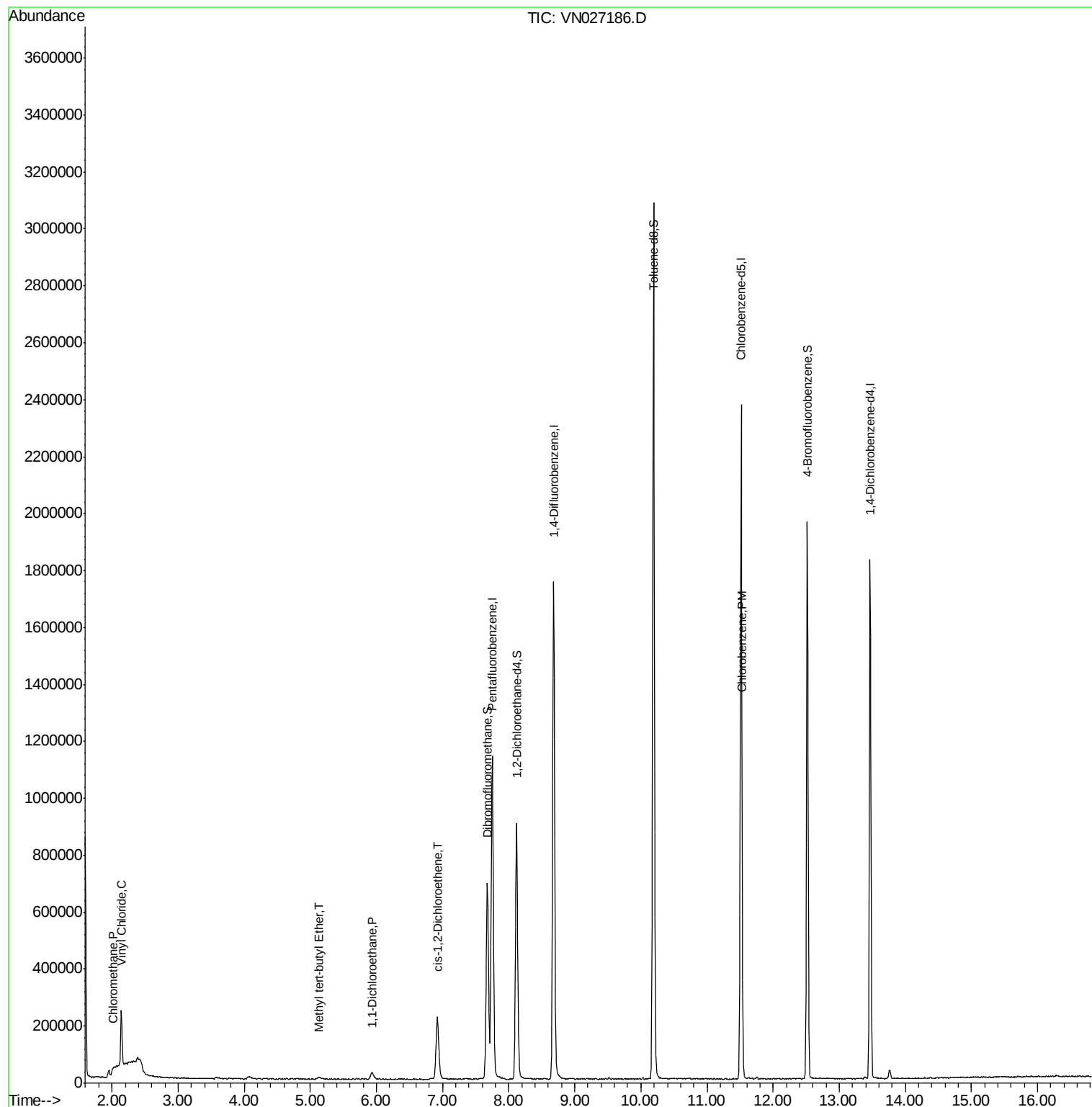
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	790266	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1417028	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1173981	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	406493	50.00	ug/l	0.00
System Monitoring Compounds						
34) 1,2-Dichloroethane-d4	8.12	65	778615	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.18%	
36) Dibromofluoromethane	7.68	113	509365	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.72%	
51) Toluene-d8	10.19	98	2053188	53.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.78%	
63) 4-Bromofluorobenzene	12.52	95	683564	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
Target Compounds						
4) Chloromethane	2.01	50	3966	1.48	ug/l #	79
5) Vinyl Chloride	2.14	62	164502	14.73	ug/l	100
20) Methyl tert-butyl Ether	5.13	73	8275	0.20	ug/l #	87
25) 1,1-Dichloroethane	5.94	63	33951	1.36	ug/l #	93
28) cis-1,2-Dichloroethene	6.92	96	132972	10.56	ug/l	91
66) Chlorobenzene	11.54	112	9742	0.35	ug/l	93

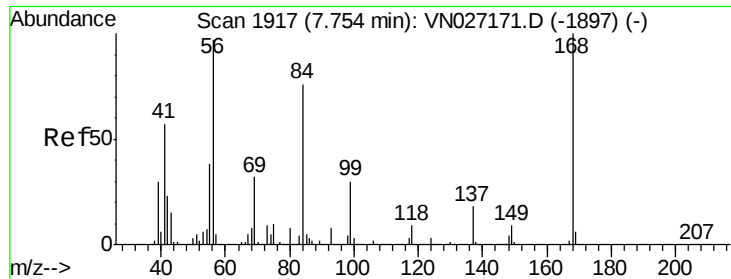
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN027186.D

Acq: 16 Sep 2015 2:34

Instrument :

MSVOA_N

ClientSampleId :

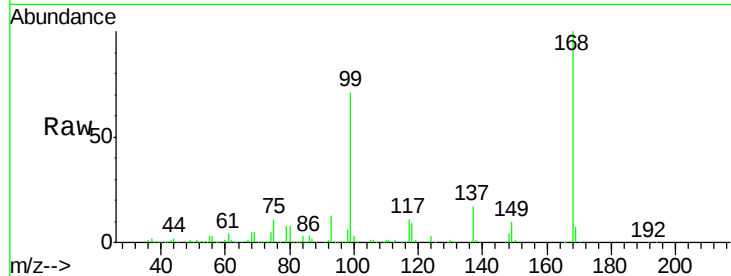
S39-0100

Tot Ion:168 Resp: 790266

Ion Ratio Lower Upper

168 100

99 71.2 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

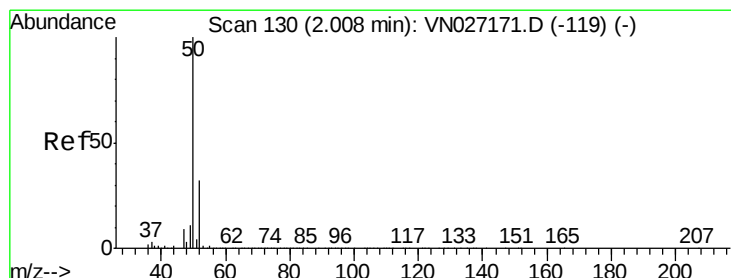
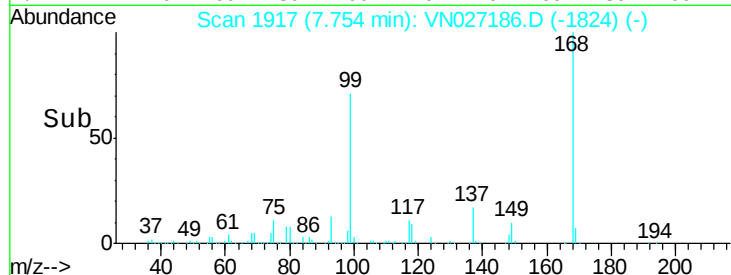
300000

200000

100000

0

Time-->



#4

Chloromethane

Concen: 1.48 ug/l

RT: 2.01 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN027186.D

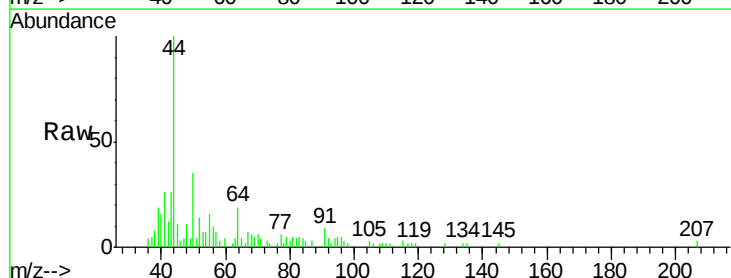
Acq: 16 Sep 2015 2:34

Tgt Ion: 50 Resp: 3966

Ion Ratio Lower Upper

50 100

52 44.4 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

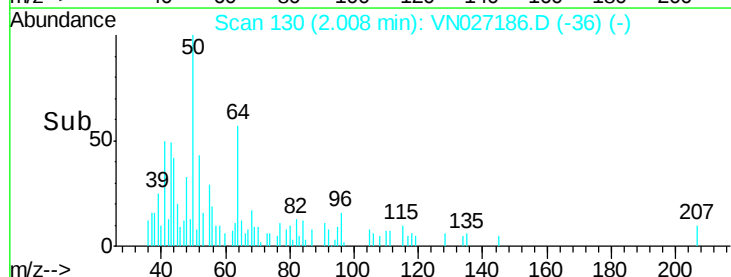
3000

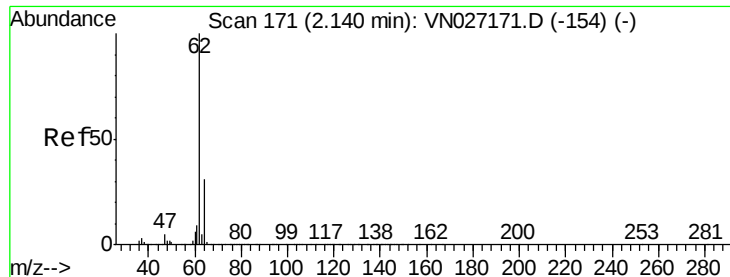
2000

1000

0

Time-->





#5

Vinyl Chloride

Concen: 14.73 ug/l

RT: 2.14 min Scan# 171

Delta R.T. 0.00 min

Lab File: VN027186.D

Acq: 16 Sep 2015 2:34

Instrument :

MSVOA_N

ClientSampled :

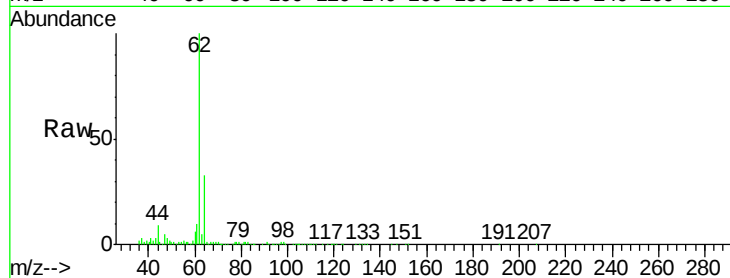
S39-0100

Tot Ion: 62 Resp: 164502

Ion Ratio Lower Upper

62 100

64 32.1 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

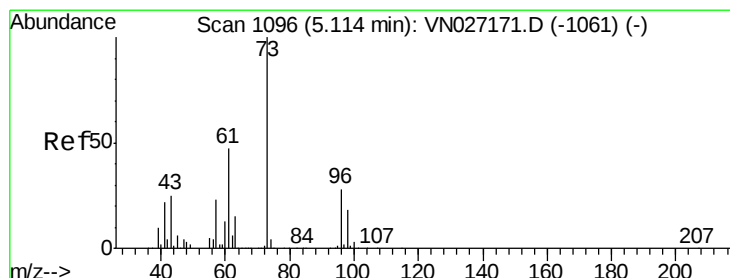
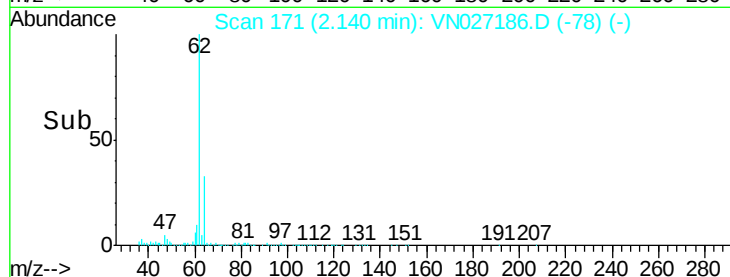
60000

40000

20000

0

Time--> 2.05 2.10 2.15 2.20 2.25



#20

Methyl tert-butyl Ether

Concen: 0.20 ug/l

RT: 5.13 min Scan# 1100

Delta R.T. 0.01 min

Lab File: VN027186.D

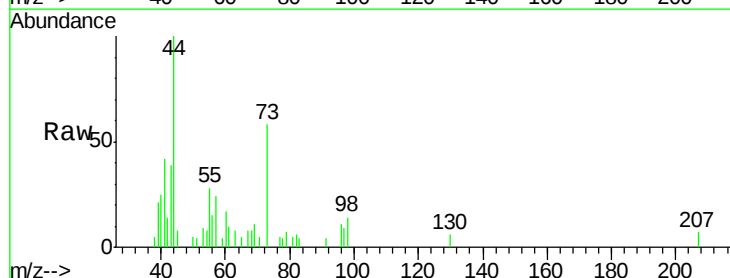
Acq: 16 Sep 2015 2:34

Tgt Ion: 73 Resp: 8275

Ion Ratio Lower Upper

73 100

57 31.3 19.8 29.6#



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

5.13

2000

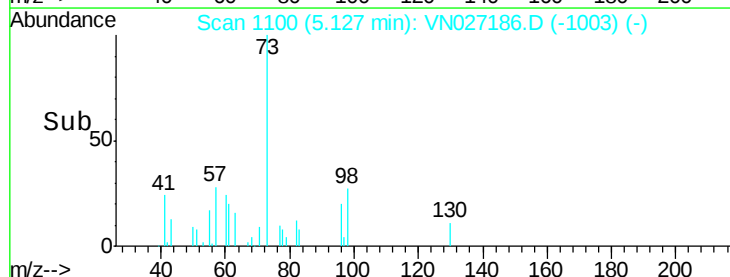
1500

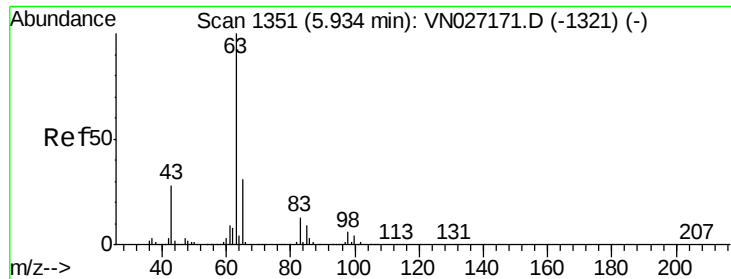
1000

500

0

Time--> 5.00 5.05 5.10 5.15 5.20





#25

1,1-Dichloroethane

Concen: 1.36 ug/l

RT: 5.94 min Scan# 1352

Delta R.T. 0.00 min

Lab File: VN027186.D

Acq: 16 Sep 2015 2:34

Instrument :

MSVOA_N

ClientSampleId :

S39-0100

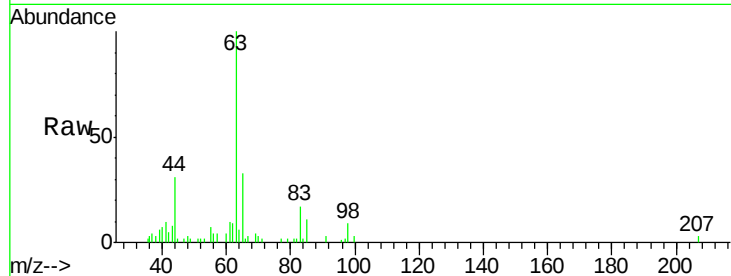
Tot Ion: 63 Resp: 33951

Ion Ratio Lower Upper

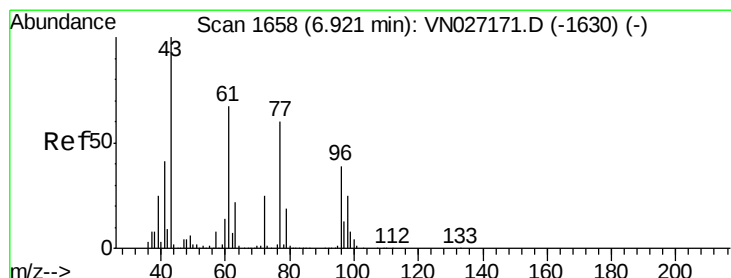
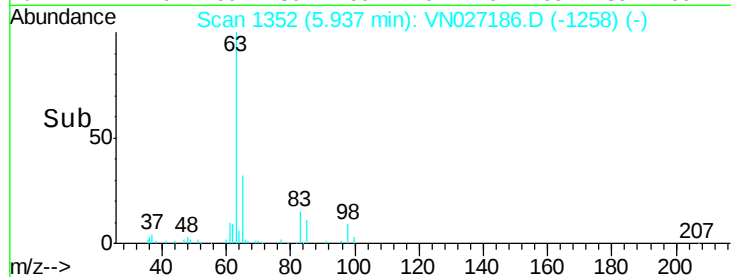
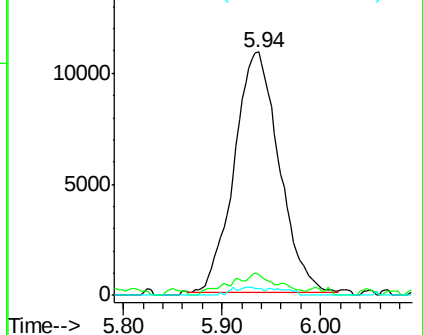
63 100

98 8.9 2.8 8.3#

100 3.0 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



#28

cis-1,2-Dichloroethene

Concen: 10.56 ug/l

RT: 6.92 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VN027186.D

Acq: 16 Sep 2015 2:34

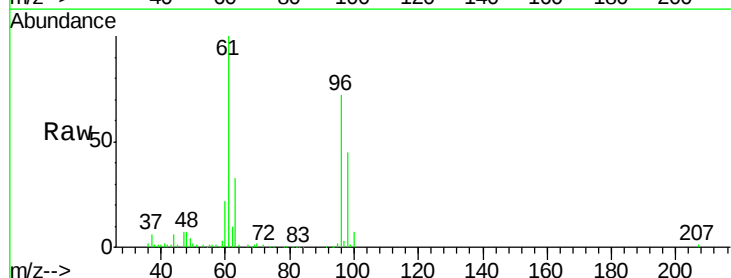
Tgt Ion: 96 Resp: 132972

Ion Ratio Lower Upper

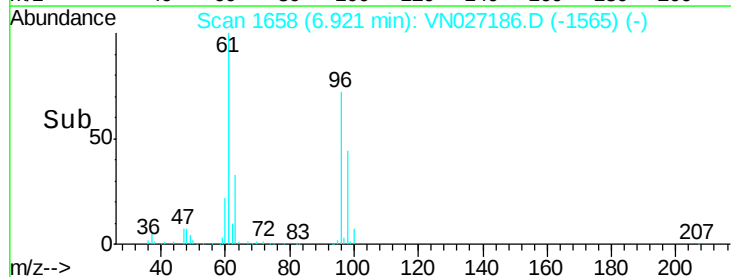
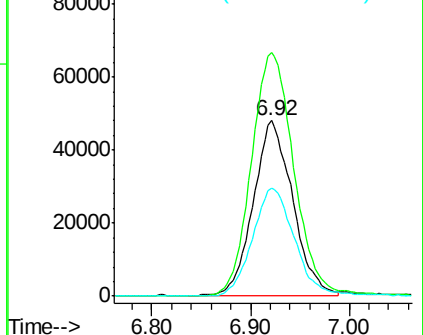
96 100

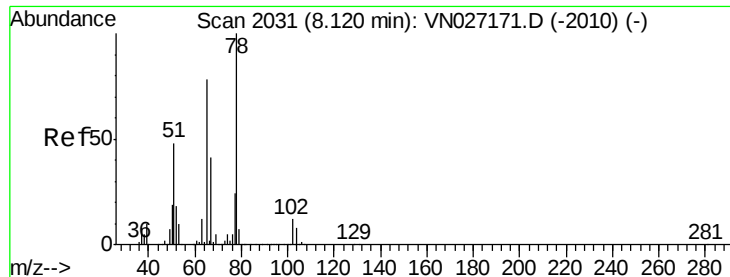
61 149.0 0.0 329.2

98 65.2 0.0 126.0



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#34

1,2-Dichloroethane-d4

Concen: 48.09 ug/l

RT: 8.12 min Scan# 2030

Delta R.T. -0.00 min

Lab File: VN027186.D

Acq: 16 Sep 2015 2:34

Instrument :

MSVOA_N

ClientSampleId :

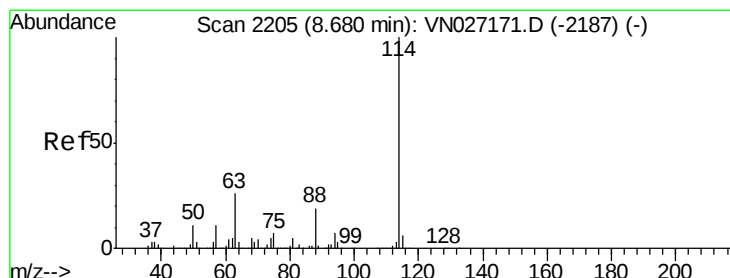
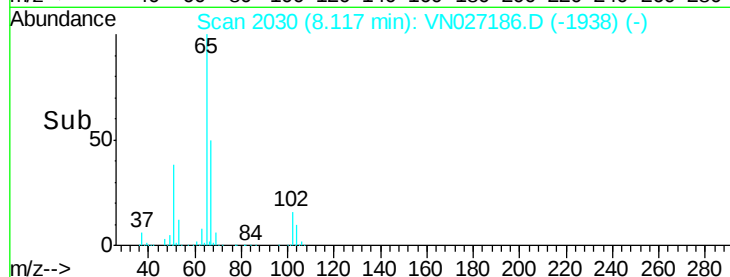
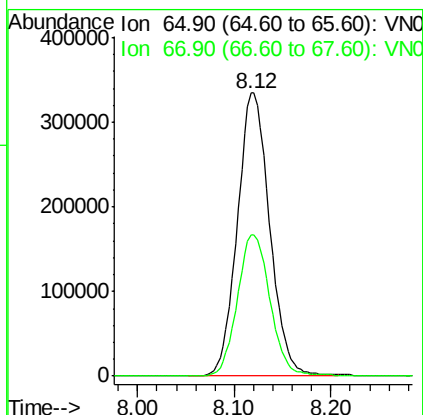
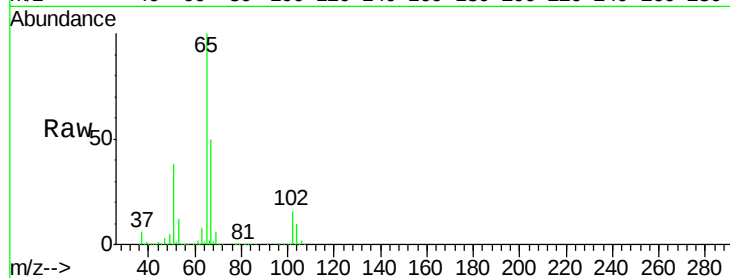
S39-0100

Tot Ion: 65 Resp: 778615

Ion Ratio Lower Upper

65 100

67 50.4 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: VN027186.D

Acq: 16 Sep 2015 2:34

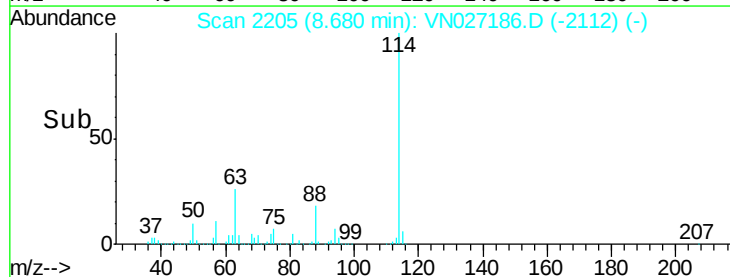
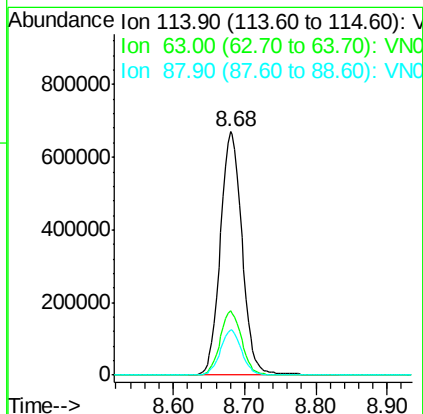
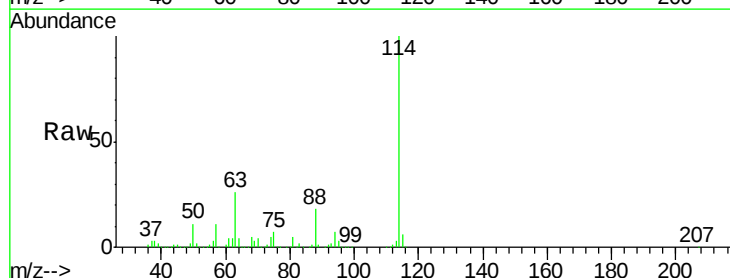
Tgt Ion: 114 Resp: 1417028

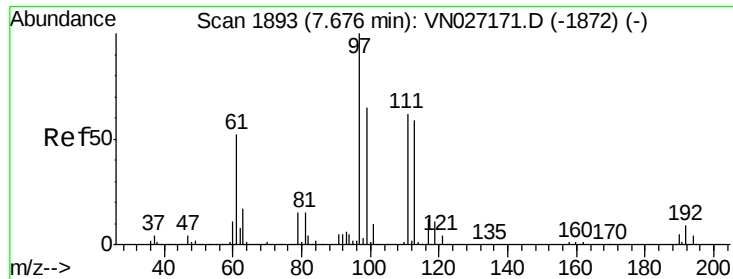
Ion Ratio Lower Upper

114 100

63 26.4 0.0 48.8

88 18.5 0.0 32.2

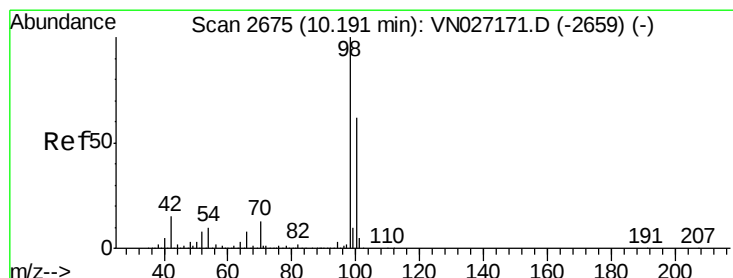
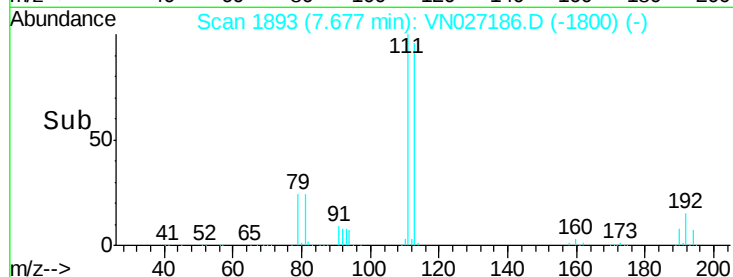
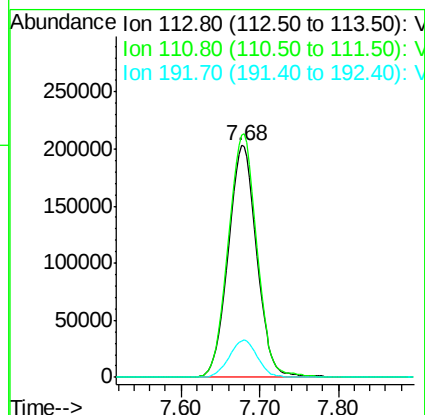
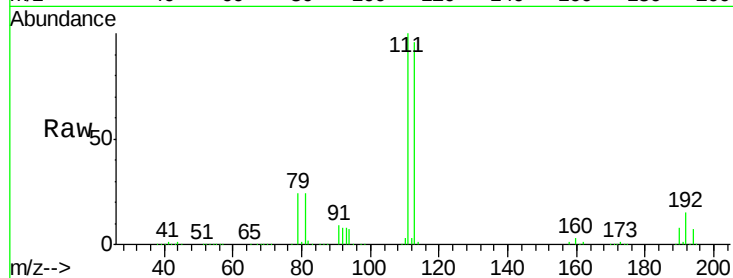




#36
 Dibromofluoromethane
 Concen: 51.86 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027186.D
 Acq: 16 Sep 2015 2:34

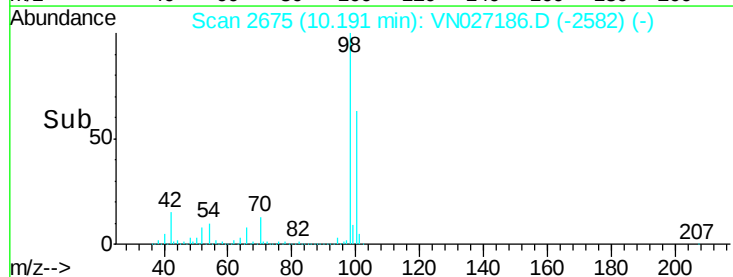
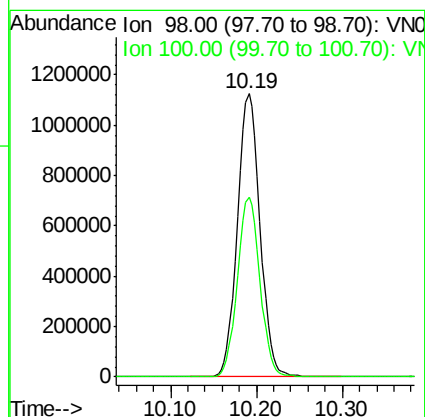
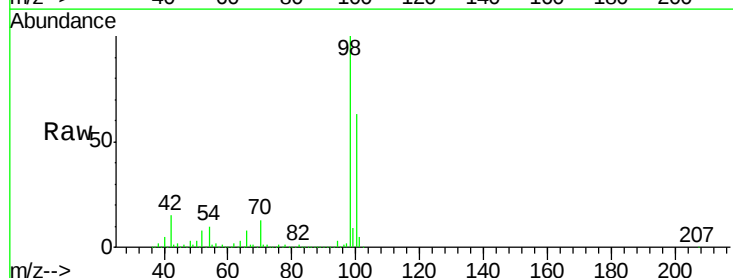
Instrument :
 MSVOA_N
 ClientSampled :
 S39-0100

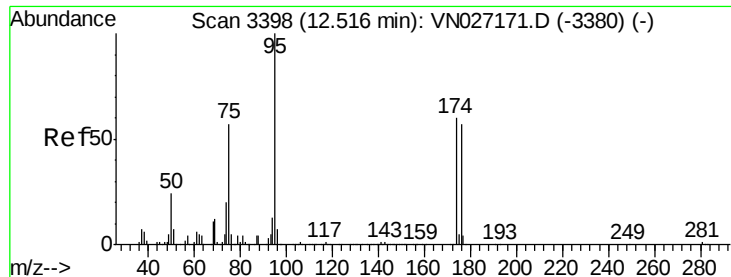
Tot Ion:113 Resp: 509365
 Ion Ratio Lower Upper
 113 100
 111 105.6 83.0 124.4
 192 15.9 14.1 21.1



#51
 Toluene-d8
 Concen: 53.39 ug/l
 RT: 10.19 min Scan# 2675
 Delta R.T. 0.00 min
 Lab File: VN027186.D
 Acq: 16 Sep 2015 2:34

Tgt Ion: 98 Resp: 2053188
 Ion Ratio Lower Upper
 98 100
 100 63.3 50.5 75.7

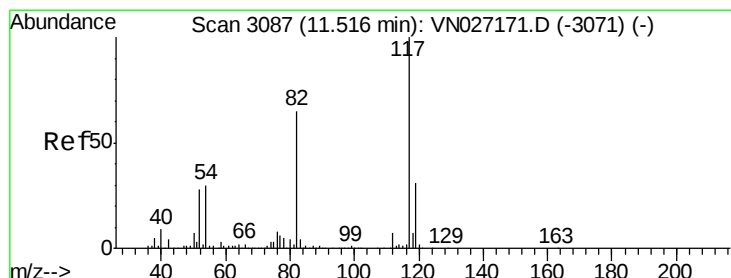
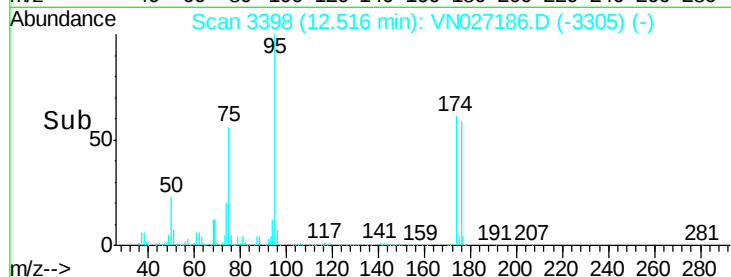
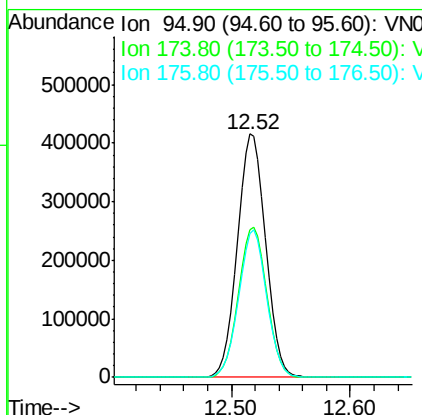
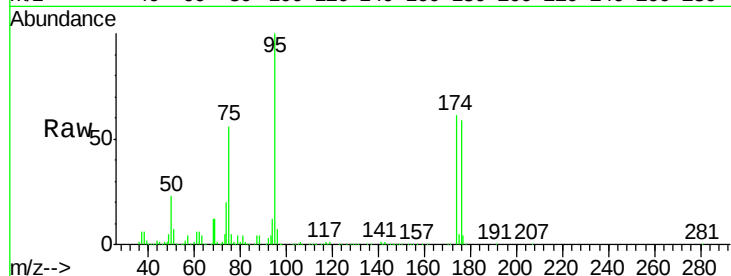




#63
4-Bromofluorobenzene
Concen: 50.08 ug/l
RT: 12.52 min Scan# 3398
Delta R.T. 0.00 min
Lab File: VN027186.D
Acq: 16 Sep 2015 2:34

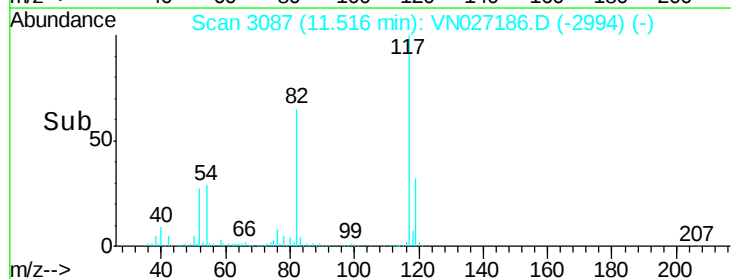
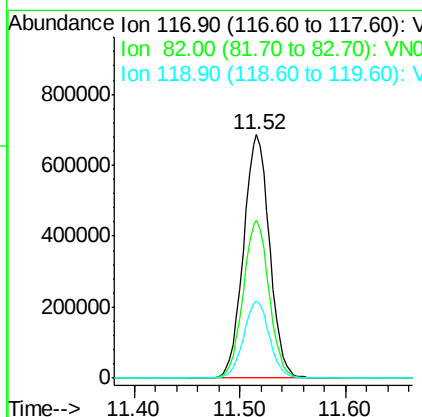
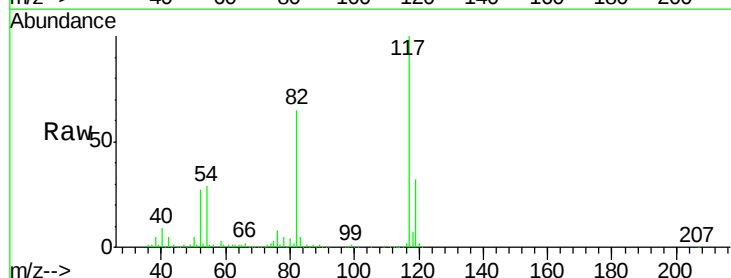
Instrument :
MSVOA_N
Client Sampled :
S39-0100

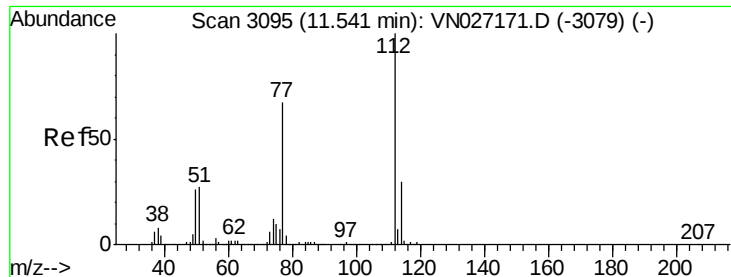
Tot Ion: 95 Resp: 683564
Ion Ratio Lower Upper
95 100
174 62.1 0.0 137.0
176 60.0 0.0 130.8



#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027186.D
Acq: 16 Sep 2015 2:34

Tgt Ion: 117 Resp: 1173981
Ion Ratio Lower Upper
117 100
82 64.6 49.6 74.4
119 32.0 24.6 36.8

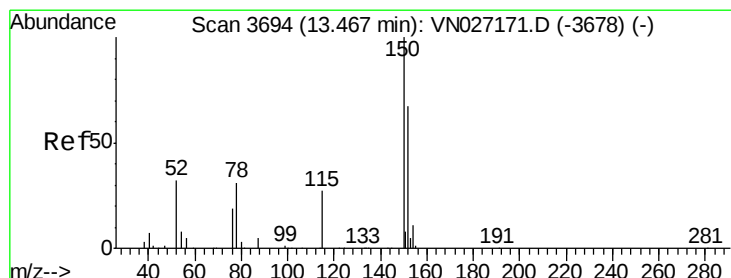
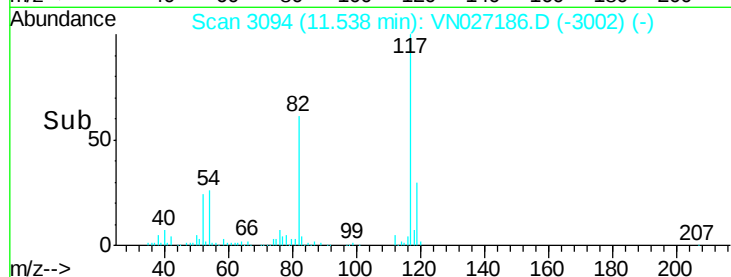
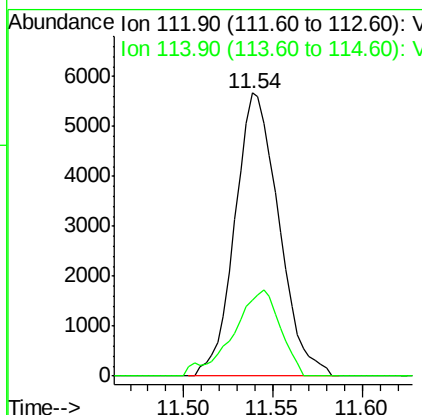
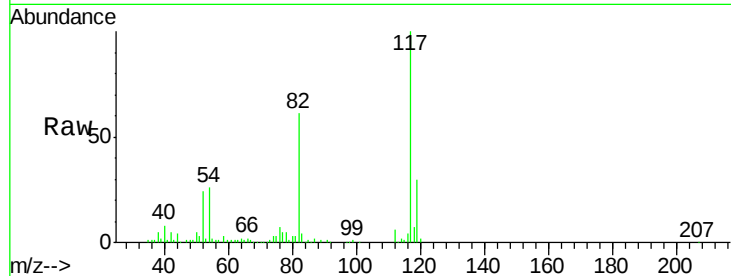




#66
Chlorobenzene
Concen: 0.35 ug/l
RT: 11.54 min Scan# 3094
Delta R.T. -0.00 min
Lab File: VN027186.D
Acq: 16 Sep 2015 2:34

Instrument :
MSVOA_N
ClientSampleId :
S39-0100

Tot Ion:112 Resp: 9742
Ion Ratio Lower Upper
112 100
114 27.0 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: VN027186.D
Acq: 16 Sep 2015 2:34

Tgt Ion:152 Resp: 406493
Ion Ratio Lower Upper
152 100
115 67.2 30.8 92.3
150 158.9 0.0 345.0

