

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091515\
 Data File : VN027191.D
 Acq On : 16 Sep 2015 4:52
 Operator : MD\FY
 Sample : G3629-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0096

Quant Time: Sep 16 05:31:21 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

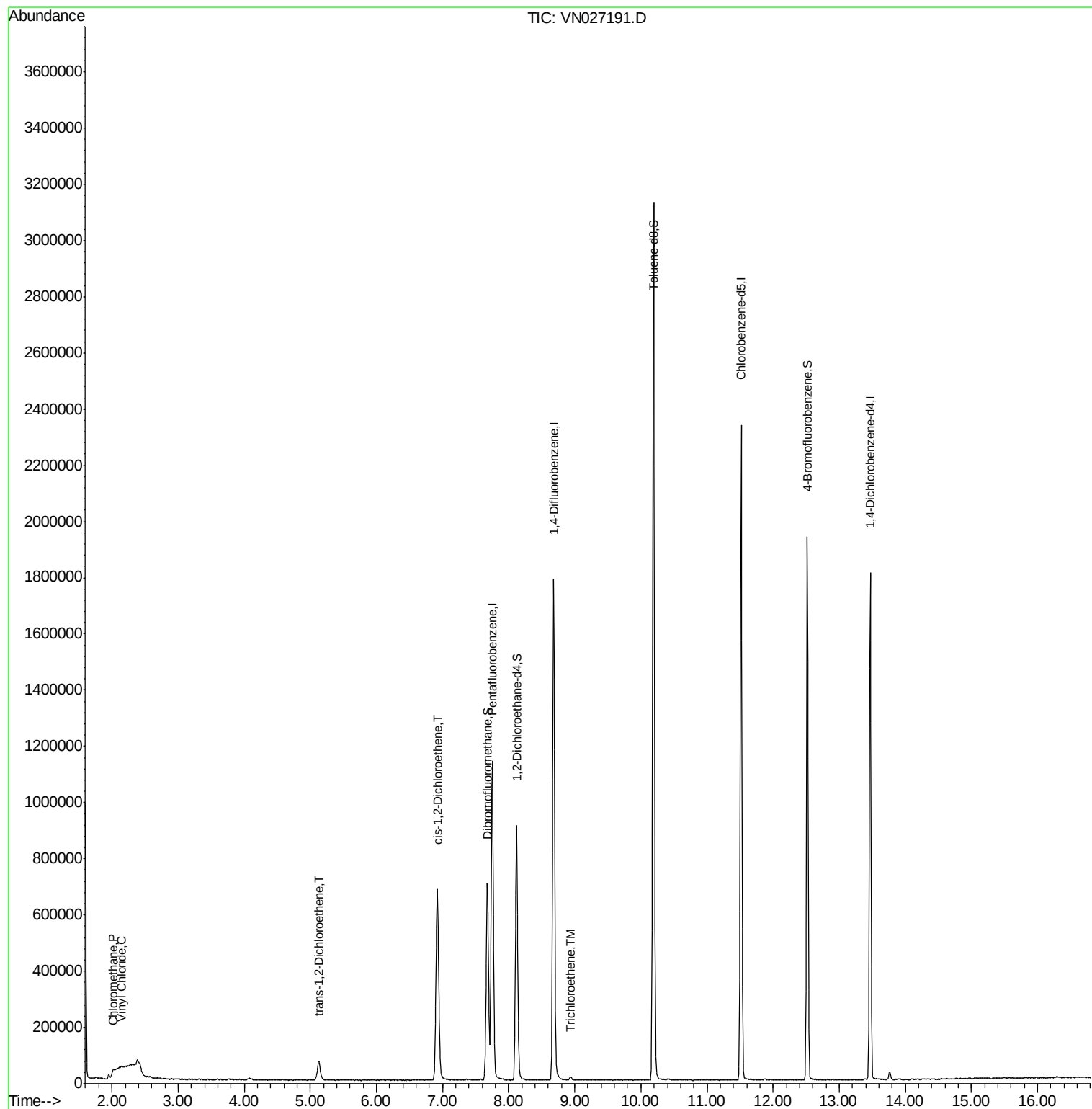
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	804500	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1426194	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1180139	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	400985	50.00	ug/l	0.00
System Monitoring Compounds						
34) 1,2-Dichloroethane-d4	8.12	65	772383	46.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.72%	
36) Dibromofluoromethane	7.68	113	512502	51.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.68%	
51) Toluene-d8	10.19	98	2076337	53.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.28%	
63) 4-Bromofluorobenzene	12.52	95	684316	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
Target Compounds						
4) Chloromethane	2.01	50	3173	1.40	ug/l	# 82
5) Vinyl Chloride	2.14	62	5152	0.45	ug/l	99
22) trans-1,2-Dichloroethene	5.13	96	42322	3.79	ug/l	93
28) cis-1,2-Dichloroethene	6.92	96	414894	32.38	ug/l	90
45) Trichloroethene	8.94	130	3250	0.33	ug/l	94

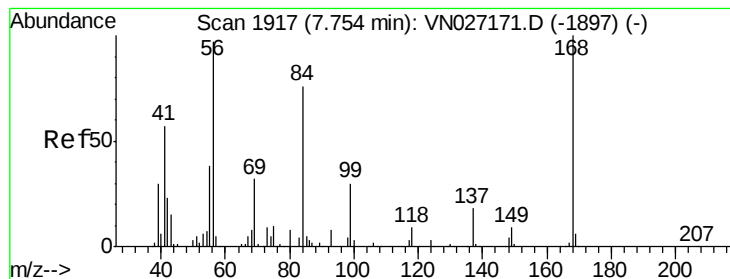
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN027191.D

Acq: 16 Sep 2015 4:52

Instrument :

MSVOA_N

ClientSampleId :

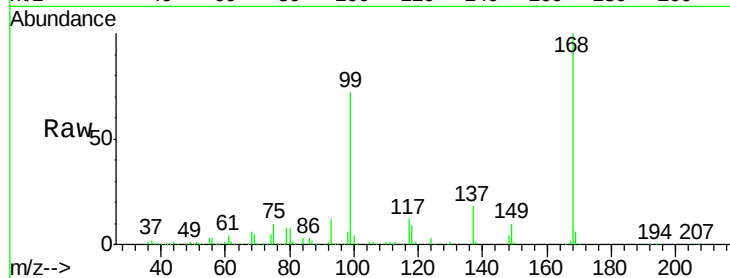
S39-0096

Tot Ion:168 Resp: 804500

Ion Ratio Lower Upper

168 100

99 72.0 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

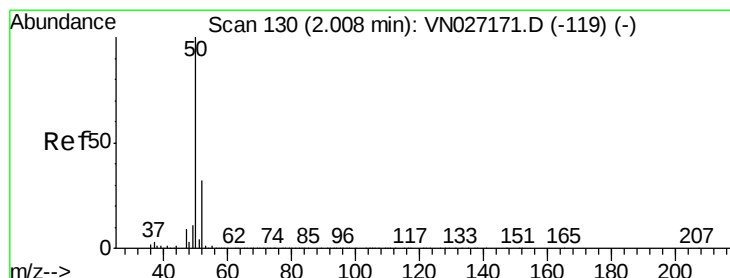
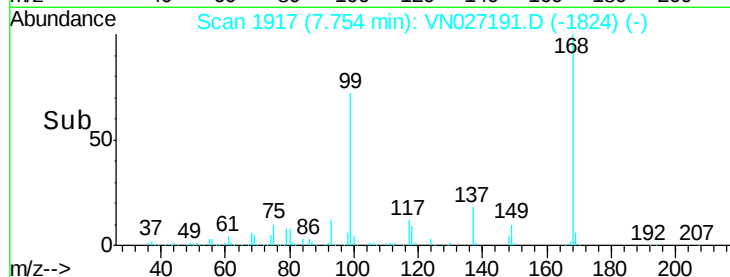
300000

200000

100000

0

Time-->



#4

Chloromethane

Concen: 1.40 ug/l

RT: 2.01 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN027191.D

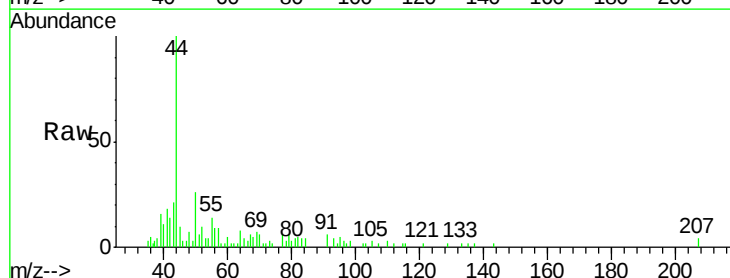
Acq: 16 Sep 2015 4:52

Tgt Ion: 50 Resp: 3173

Ion Ratio Lower Upper

50 100

52 42.4 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

2500

2000

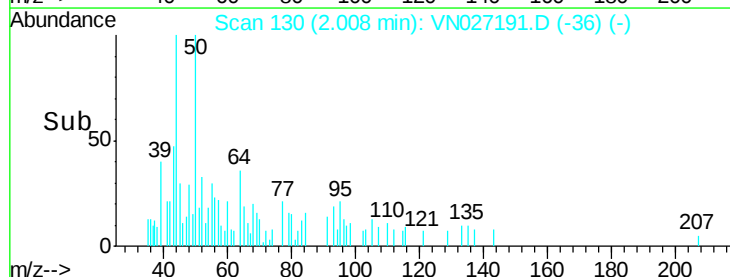
1500

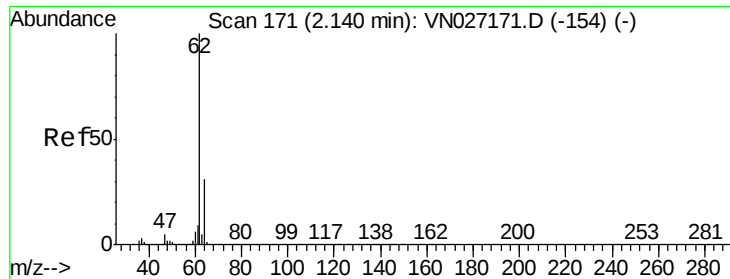
1000

500

0

Time-->





#5

Vinyl Chloride

Concen: 0.45 ug/l

RT: 2.14 min Scan# 172

Delta R.T. 0.00 min

Lab File: VN027191.D

Acq: 16 Sep 2015 4:52

Instrument :

MSVOA_N

ClientSampled :

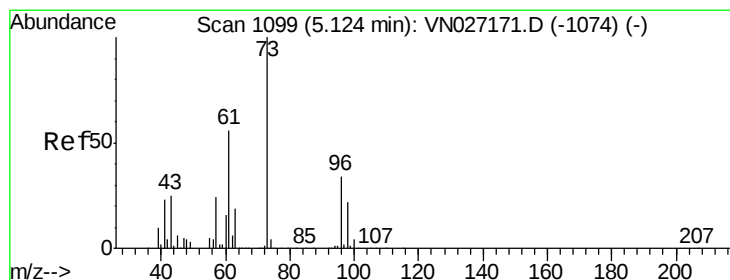
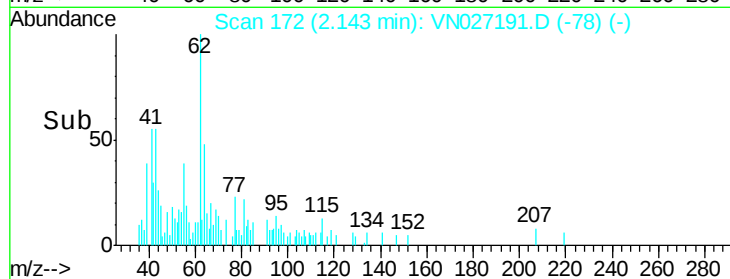
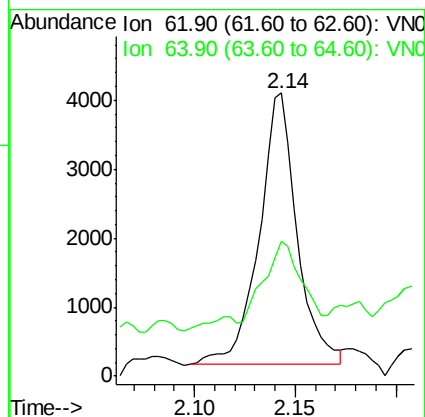
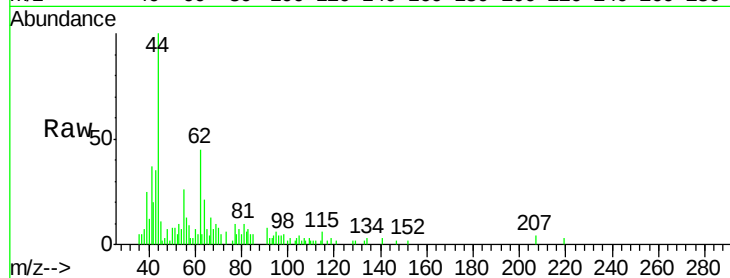
S39-0096

Tot Ion: 62 Resp: 5152

Ion Ratio Lower Upper

62 100

64 32.0 25.9 38.9



#22

trans-1,2-Dichloroethene

Concen: 3.79 ug/l

RT: 5.13 min Scan# 1101

Delta R.T. 0.01 min

Lab File: VN027191.D

Acq: 16 Sep 2015 4:52

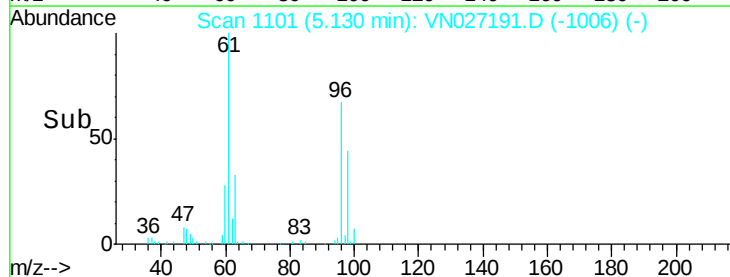
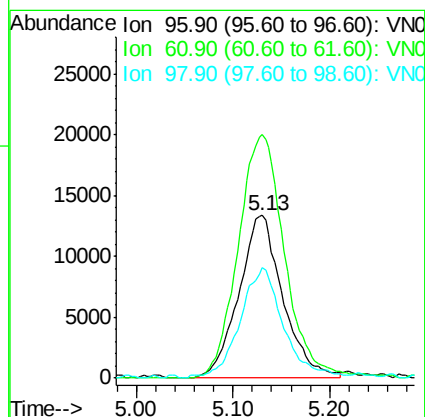
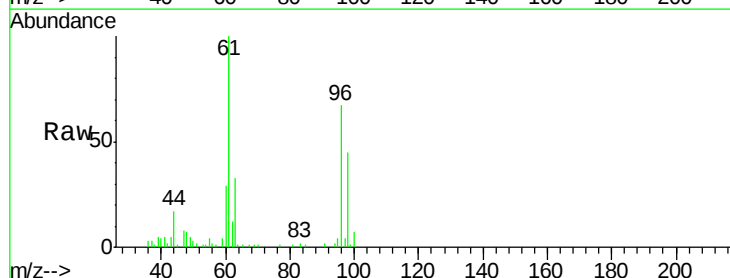
Tgt Ion: 96 Resp: 42322

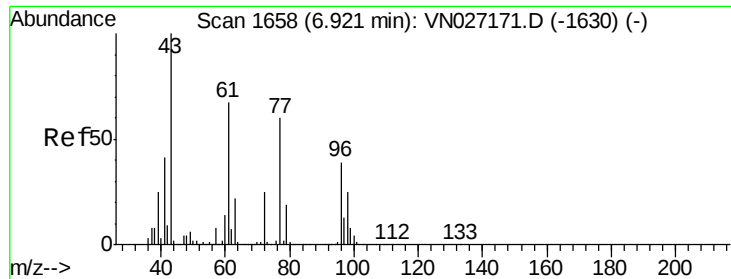
Ion Ratio Lower Upper

96 100

61 149.6 126.6 189.8

98 65.9 47.4 71.2

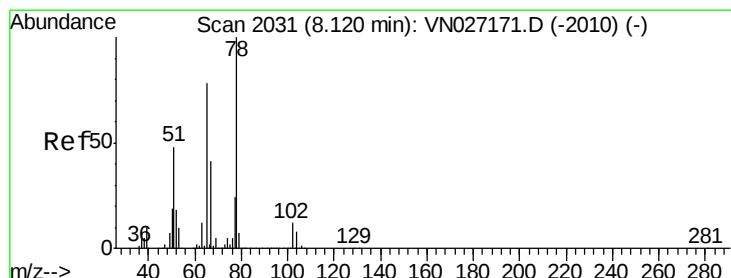
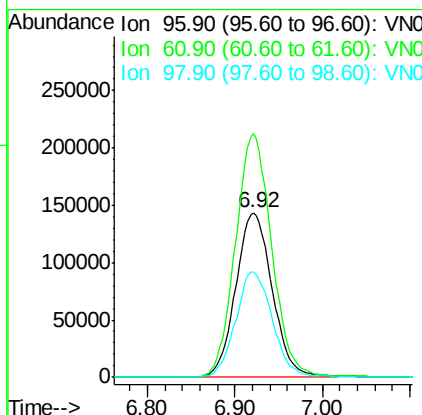
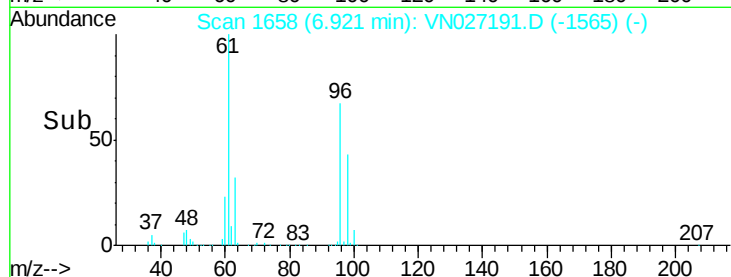
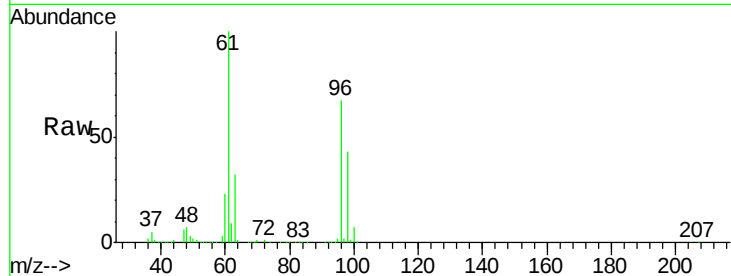




#28
 cis-1,2-Dichloroethene
 Concen: 32.38 ug/l
 RT: 6.92 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: VN027191.D
 Acq: 16 Sep 2015 4:52

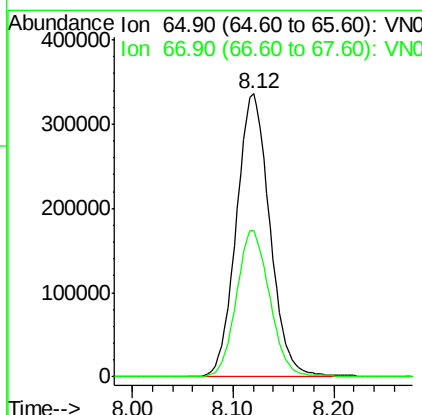
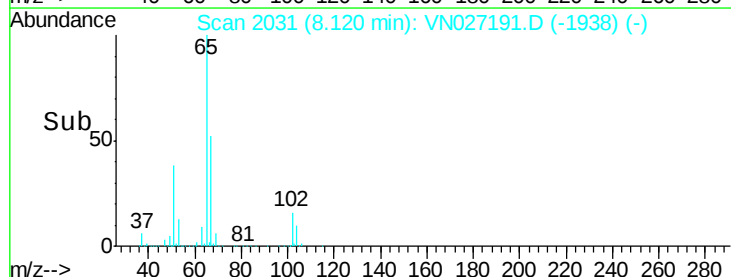
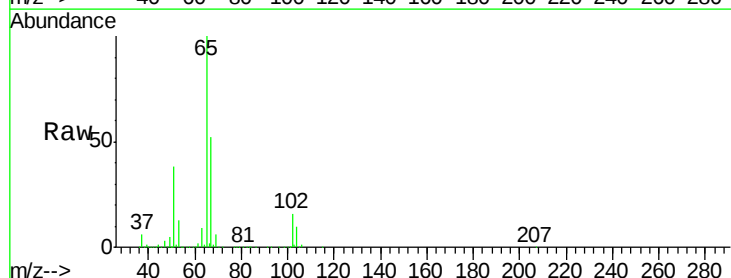
Instrument :
 MSVOA_N
 ClientSampled :
 S39-0096

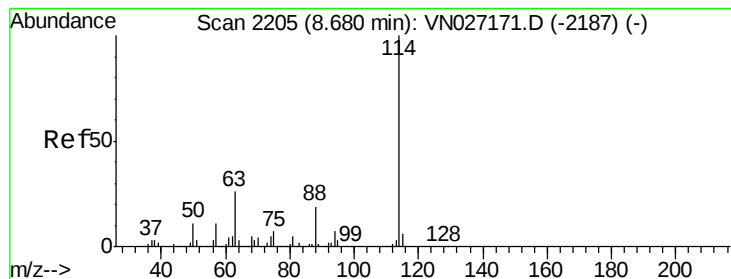
Tot Ion: 96 Resp: 414894
 Ion Ratio Lower Upper
 96 100
 61 147.9 0.0 329.2
 98 64.8 0.0 126.0



#34
 1,2-Dichloroethane-d4
 Concen: 46.86 ug/l
 RT: 8.12 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: VN027191.D
 Acq: 16 Sep 2015 4:52

Tgt Ion: 65 Resp: 772383
 Ion Ratio Lower Upper
 65 100
 67 51.1 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: VN027191.D

Acq: 16 Sep 2015 4:52

Instrument :

MSVOA_N

ClientSampleId :

S39-0096

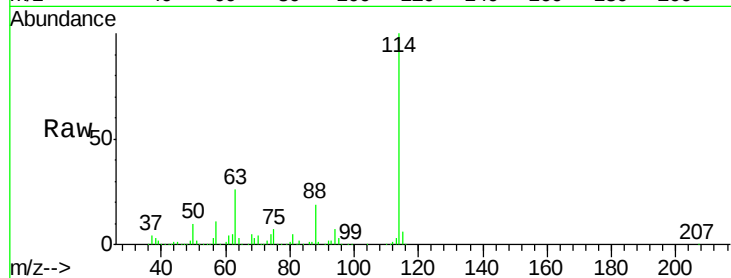
Tot Ion:114 Resp: 1426194

Ion Ratio Lower Upper

114 100

63 26.0 0.0 48.8

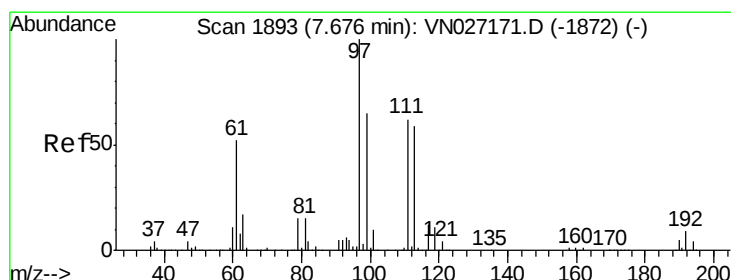
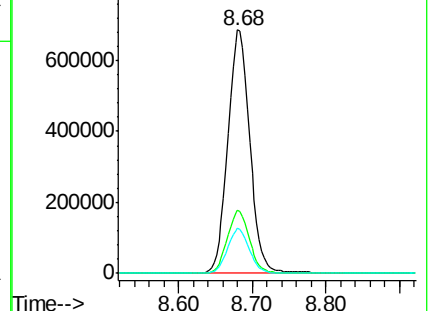
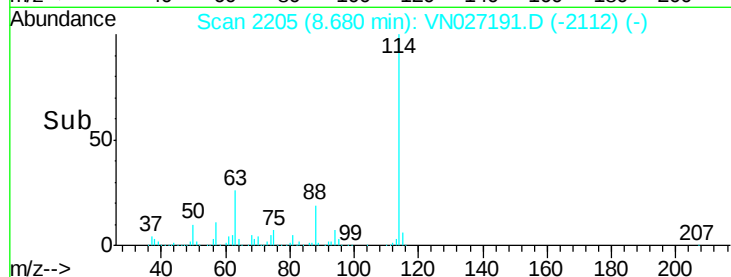
88 18.5 0.0 32.2



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: 51.84 ug/l

RT: 7.68 min Scan# 1893

Delta R.T. 0.00 min

Lab File: VN027191.D

Acq: 16 Sep 2015 4:52

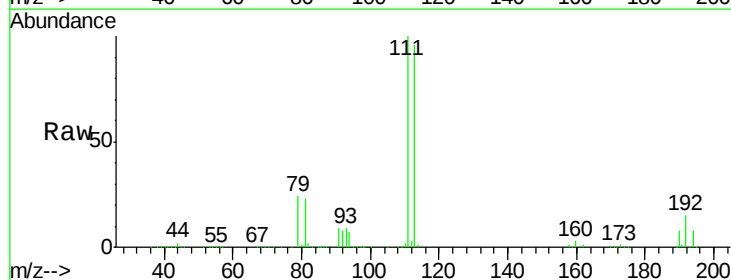
Tgt Ion:113 Resp: 512502

Ion Ratio Lower Upper

113 100

111 105.4 83.0 124.4

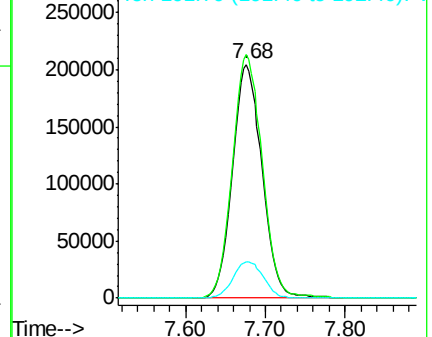
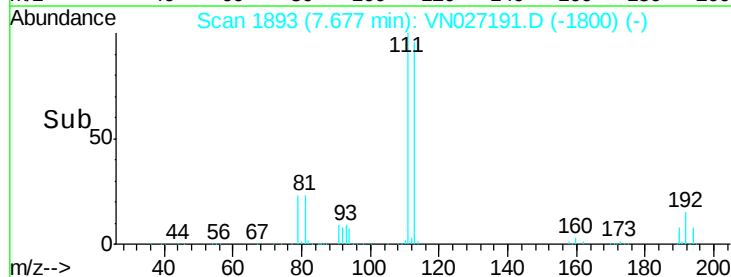
192 16.1 14.1 21.1

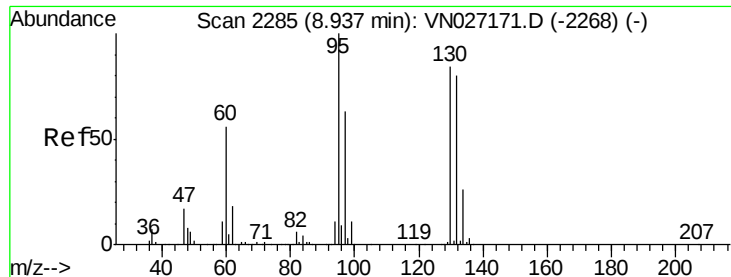


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#45

Trichloroethene

Concen: 0.33 ug/l

RT: 8.94 min Scan# 2286

Delta R.T. 0.00 min

Lab File: VN027191.D

Acq: 16 Sep 2015 4:52

Instrument :

MSVOA_N

ClientSampleId :

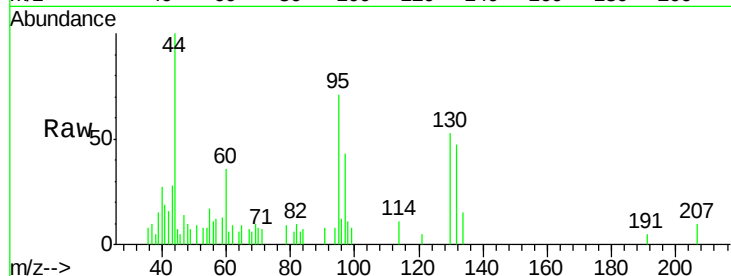
S39-0096

Tot Ion:130 Resp: 3250

Ion Ratio Lower Upper

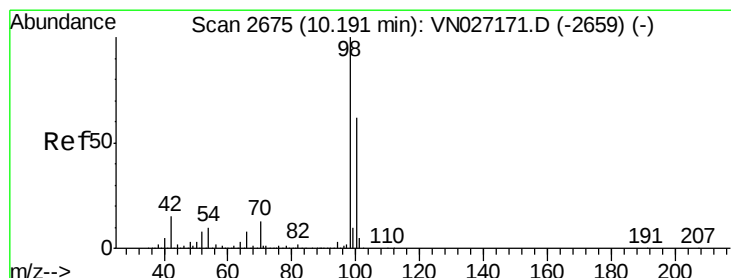
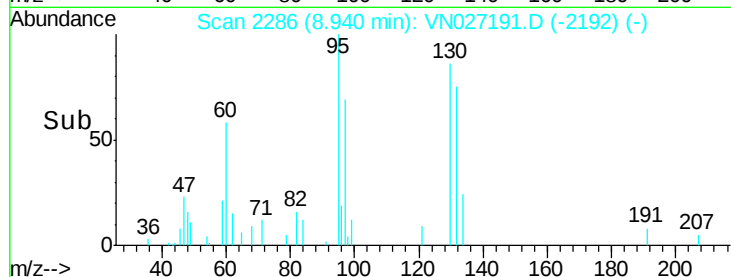
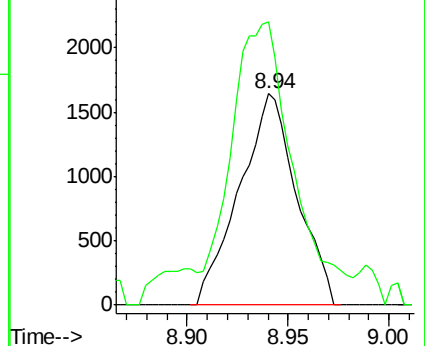
130 100

95 117.2 0.0 222.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#51

Toluene-d8

Concen: 53.64 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027191.D

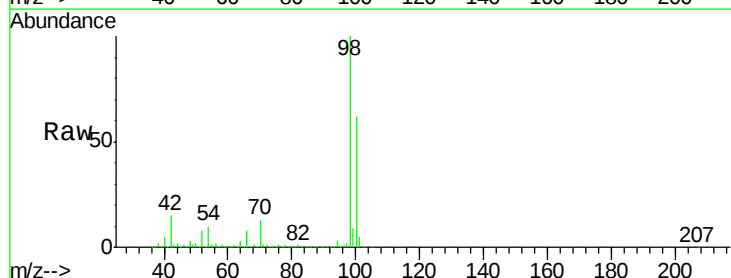
Acq: 16 Sep 2015 4:52

Tgt Ion: 98 Resp: 2076337

Ion Ratio Lower Upper

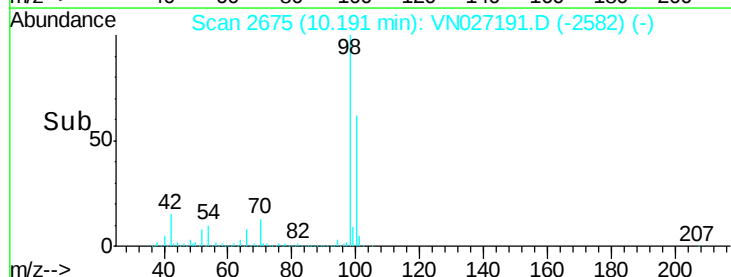
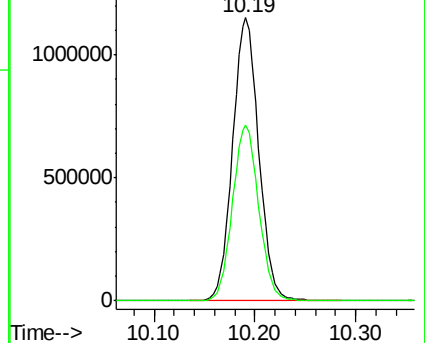
98 100

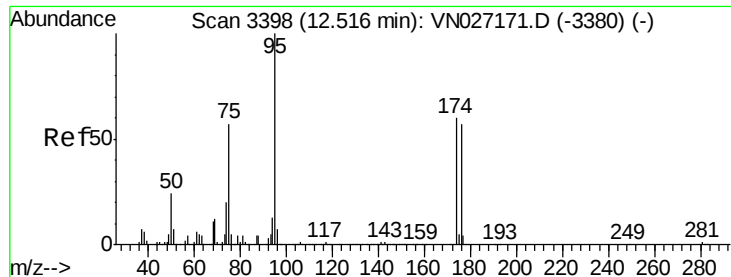
100 62.5 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

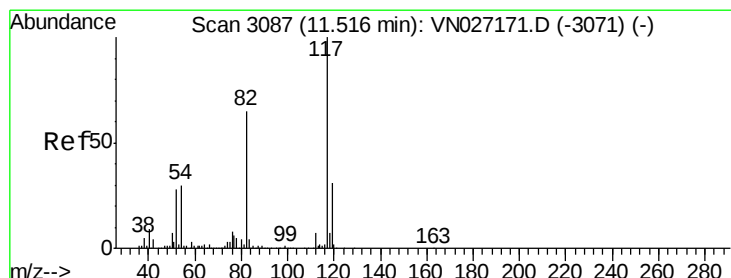
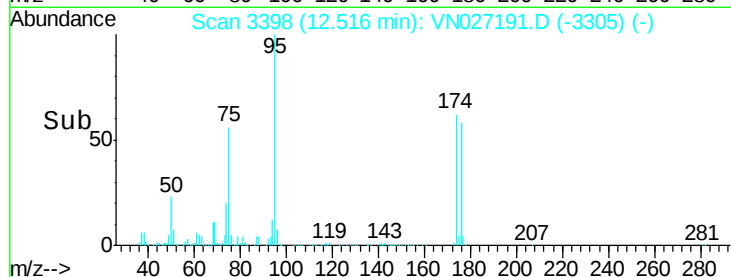
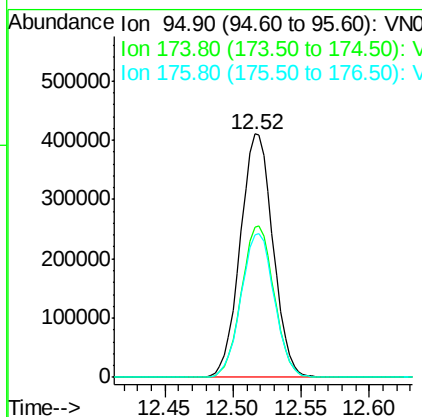
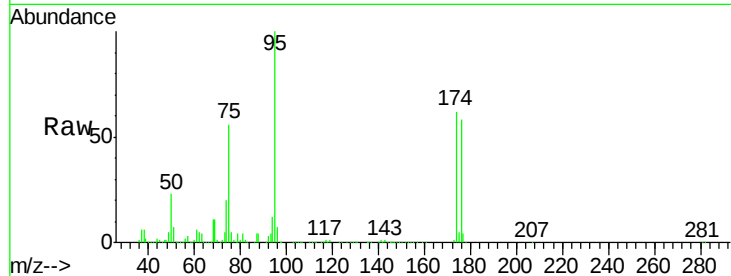




#63
4-Bromofluorobenzene
Concen: 49.81 ug/l
RT: 12.52 min Scan# 3398
Delta R.T. 0.00 min
Lab File: VN027191.D
Acq: 16 Sep 2015 4:52

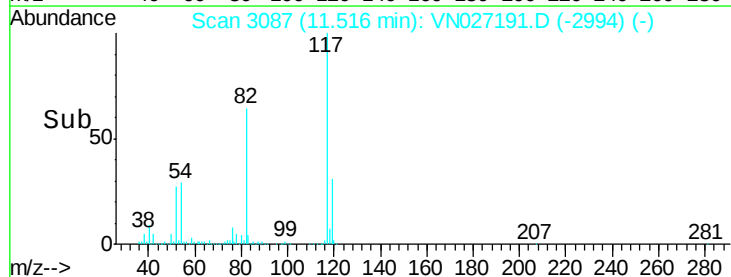
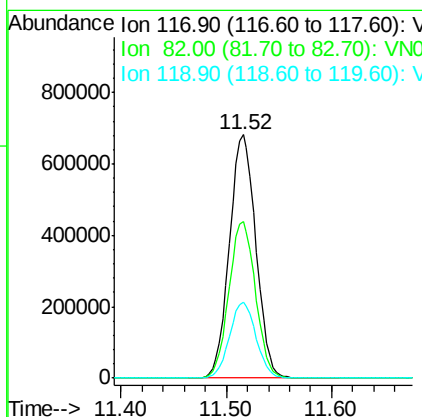
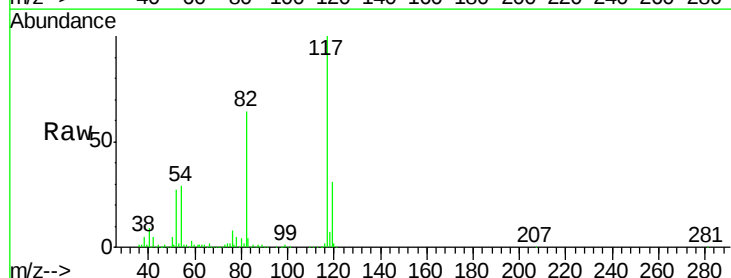
Instrument :
MSVOA_N
ClientSampled :
S39-0096

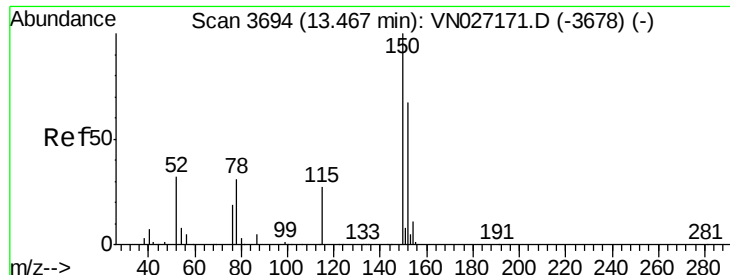
Tot Ion: 95 Resp: 684316
Ion Ratio Lower Upper
95 100
174 62.1 0.0 137.0
176 59.9 0.0 130.8



#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027191.D
Acq: 16 Sep 2015 4:52

Tgt Ion: 117 Resp: 1180139
Ion Ratio Lower Upper
117 100
82 64.0 49.6 74.4
119 30.9 24.6 36.8





#73

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.47 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN027191.D

Acq: 16 Sep 2015 4:52

Instrument :

MSVOA_N

ClientSampleId :

S39-0096

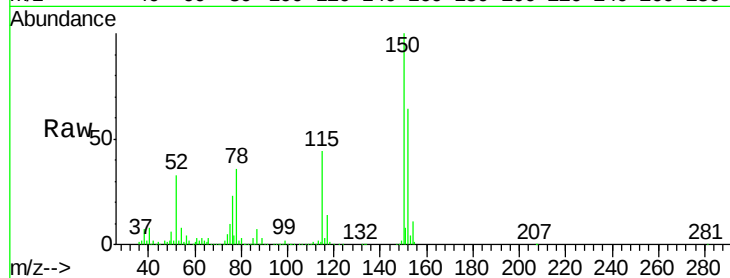
Tot Ion:152 Resp: 400985

Ion Ratio Lower Upper

152 100

115 68.6 30.8 92.3

150 159.9 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

