

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091715\
 Data File : VN027282.D
 Acq On : 18 Sep 2015 4:33
 Operator : MD\FY
 Sample : G3706-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6

Quant Time: Sep 18 07:59:52 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

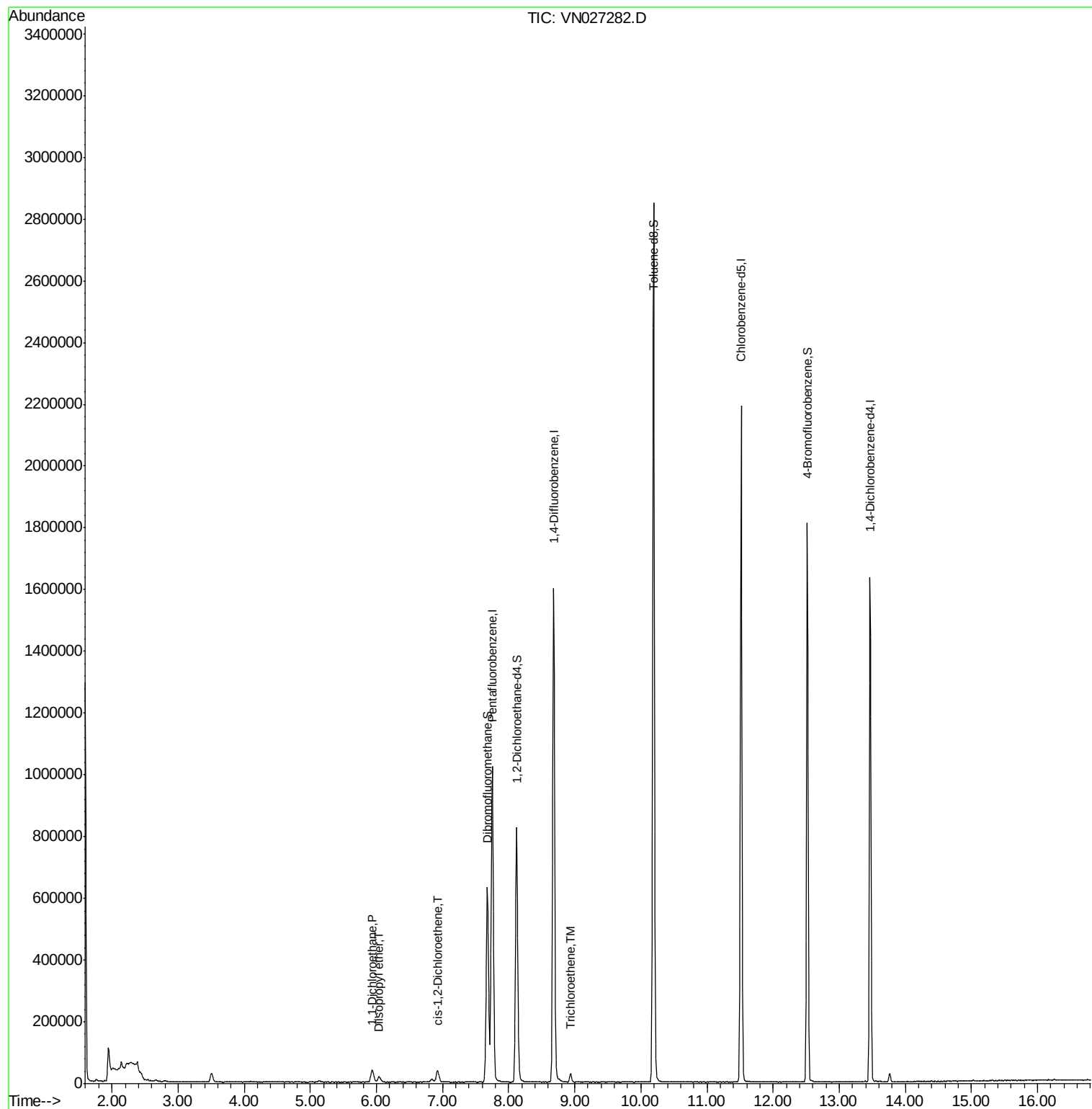
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	718214	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1293755	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1078047	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	370975	50.00	ug/l	0.00
System Monitoring Compounds						
34) 1,2-Dichloroethane-d4	8.12	65	717340	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
36) Dibromofluoromethane	7.68	113	463606	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
51) Toluene-d8	10.19	98	1892239	53.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.78%	
63) 4-Bromofluorobenzene	12.52	95	622133	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
Target Compounds						
23) Diisopropyl ether	6.04	45	23107	0.59	ug/l	# 93
25) 1,1-Dichloroethane	5.94	63	61200	2.70	ug/l	99
28) cis-1,2-Dichloroethene	6.92	96	22346	1.95	ug/l	91
45) Trichloroethene	8.93	130	8654	0.98	ug/l	97

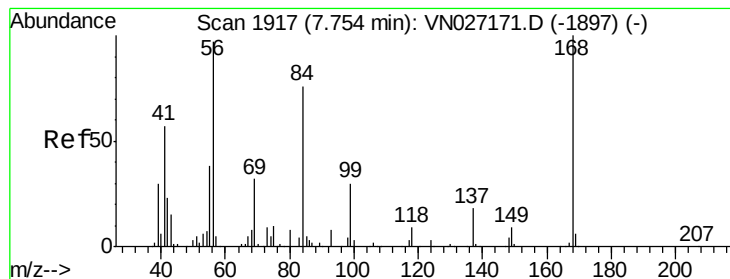
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091715\
Data File : VN027282.D
Acq On : 18 Sep 2015 4:33
Operator : MD\FY
Sample : G3706-05
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-6

Quant Time: Sep 18 07:59:52 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VN027282.D

Acq: 18 Sep 2015 4:33

Instrument :

MSVOA_N

ClientSampled :

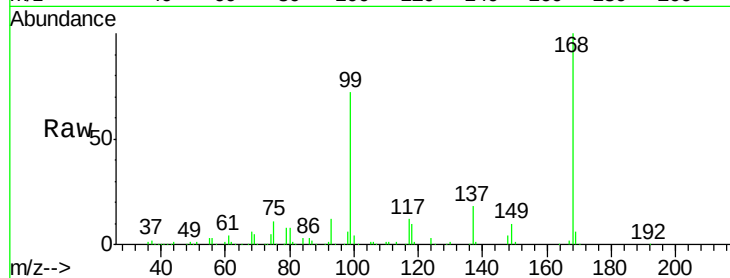
MW-6

Tot Ion:168 Resp: 718214

Ion Ratio Lower Upper

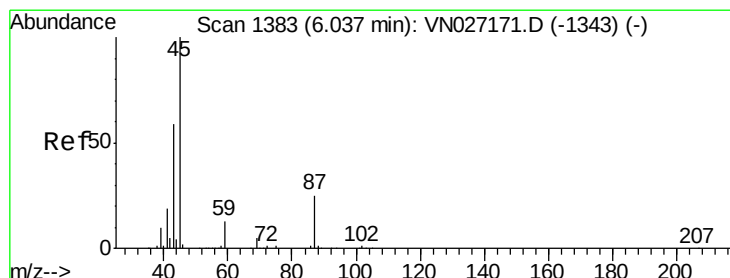
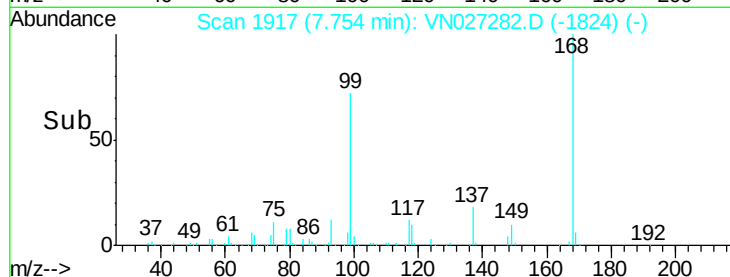
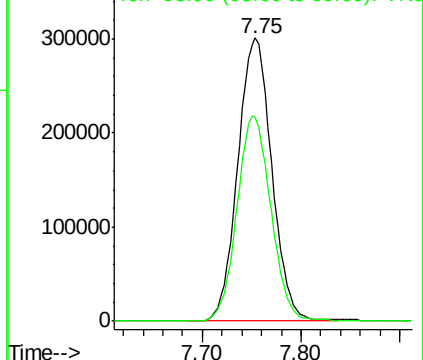
168 100

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): VN



#23

Diisopropyl ether

Concen: 0.59 ug/l

RT: 6.04 min Scan# 1384

Delta R.T. 0.00 min

Lab File: VN027282.D

Acq: 18 Sep 2015 4:33

Tgt Ion: 45 Resp: 23107

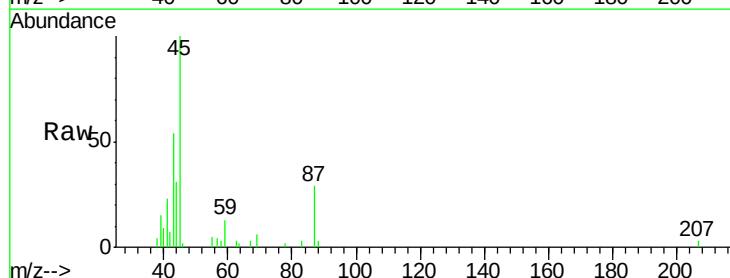
Ion Ratio Lower Upper

45 100

43 48.8 41.0 61.6

87 29.2 17.5 26.3#

59 13.4 8.7 13.1#

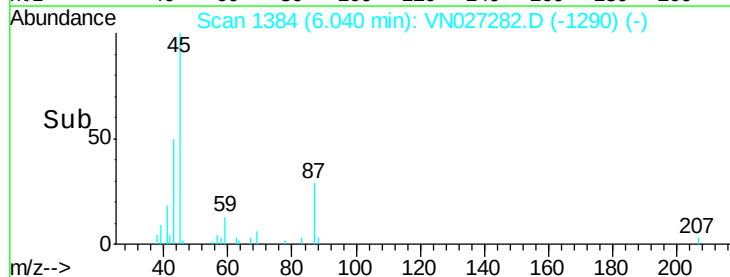
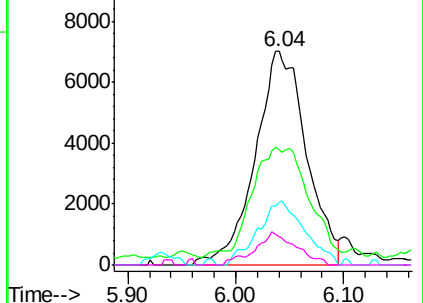


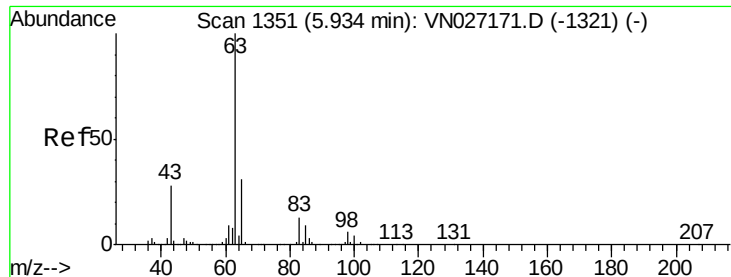
Abundance Ion 45.00 (44.70 to 45.70): VN

Ion 43.00 (42.70 to 43.70): VN

Ion 87.00 (86.70 to 87.70): VN

Ion 59.00 (58.70 to 59.70): VN





#25

1,1-Dichloroethane

Concen: 2.70 ug/l

RT: 5.94 min Scan# 1352

Delta R.T. 0.00 min

Lab File: VN027282.D

Acq: 18 Sep 2015 4:33

Instrument :

MSVOA_N

ClientSampled :

MW-6

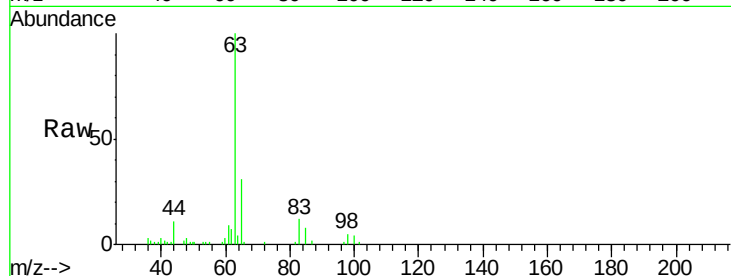
Tot Ion: 63 Resp: 61200

Ion Ratio Lower Upper

63 100

98 5.3 2.8 8.3

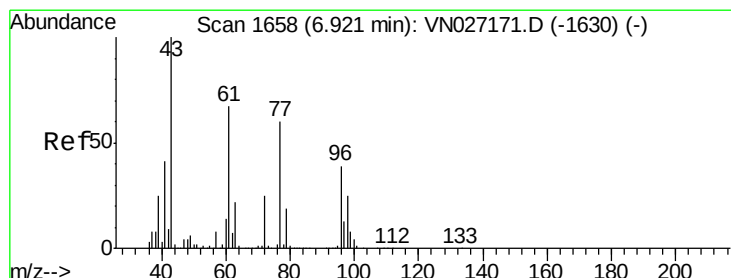
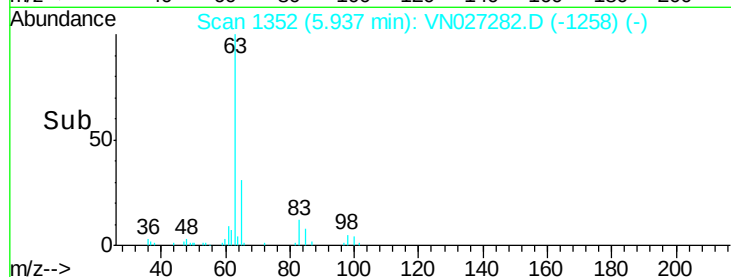
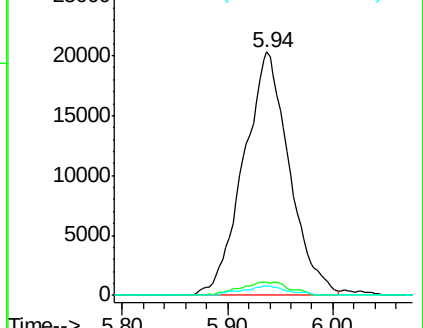
100 3.9 1.7 5.0



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: 1.95 ug/l

RT: 6.92 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VN027282.D

Acq: 18 Sep 2015 4:33

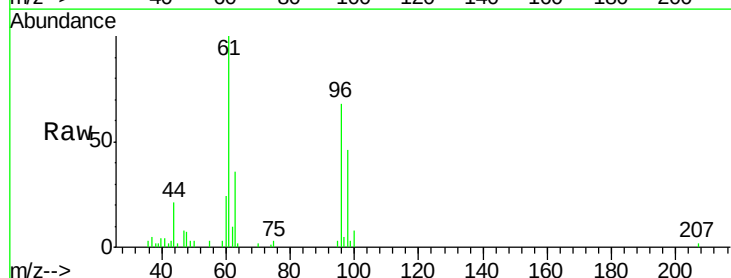
Tgt Ion: 96 Resp: 22346

Ion Ratio Lower Upper

96 100

61 149.4 0.0 329.2

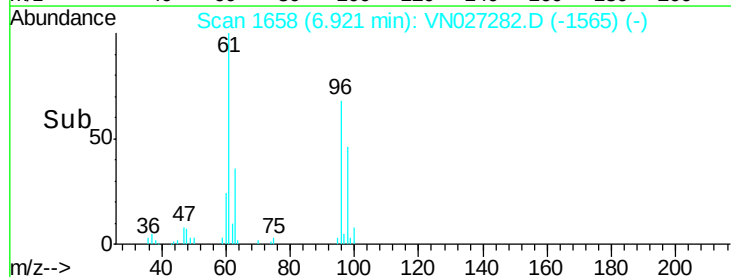
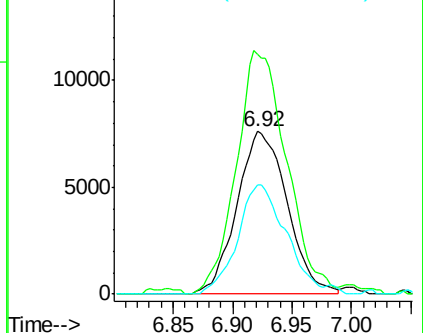
98 64.1 0.0 126.0

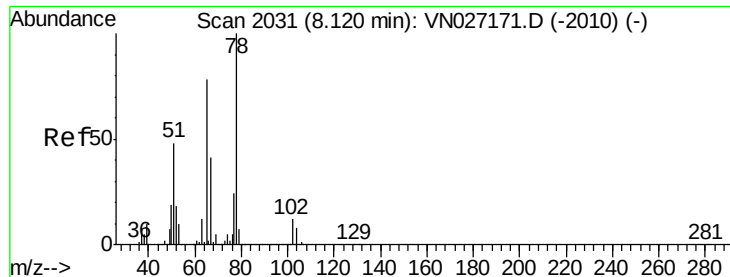


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#34

1,2-Dichloroethane-d4

Concen: 48.75 ug/l

RT: 8.12 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VN027282.D

Acq: 18 Sep 2015 4:33

Instrument :

MSVOA_N

ClientSampleId :

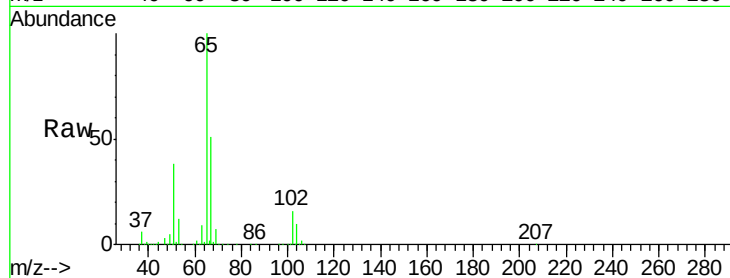
MW-6

Tot Ion: 65 Resp: 717340

Ion Ratio Lower Upper

65 100

67 51.0 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VN027282.D (-1938) (-)

Ion 66.90 (66.60 to 67.60): VN027282.D (-1938) (-)

8.12

300000

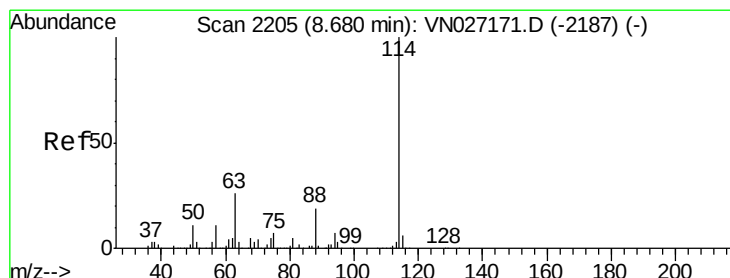
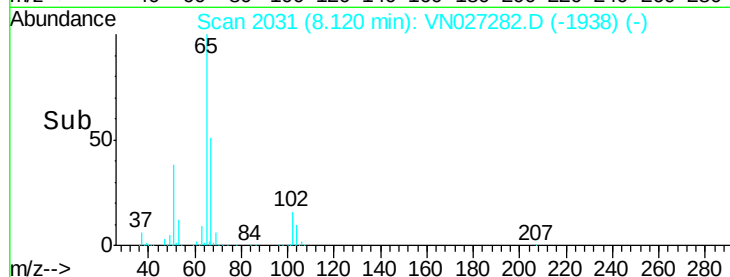
200000

100000

0

8.00 8.10 8.20

Time-->



#35

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.68 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VN027282.D

Acq: 18 Sep 2015 4:33

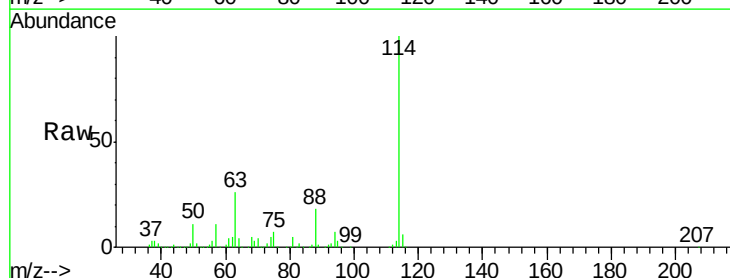
Tgt Ion: 114 Resp: 1293755

Ion Ratio Lower Upper

114 100

63 26.1 0.0 48.8

88 17.7 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): VN027282.D (-2112) (-)

Ion 63.00 (62.70 to 63.70): VN027282.D (-2112) (-)

Ion 87.90 (87.60 to 88.60): VN027282.D (-2112) (-)

8.68

800000

600000

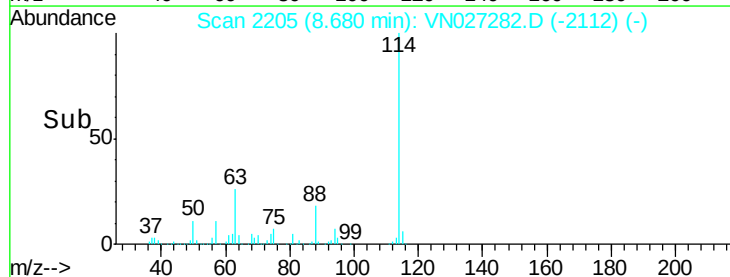
400000

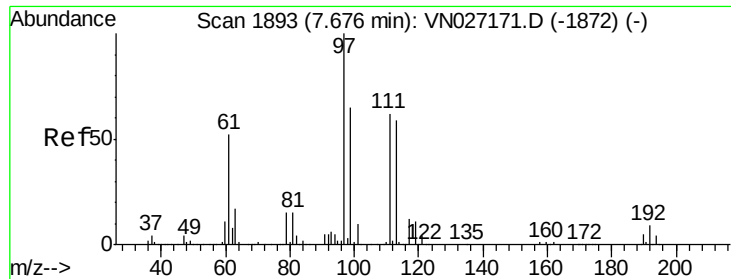
200000

0

8.60 8.70 8.80 8.90

Time-->

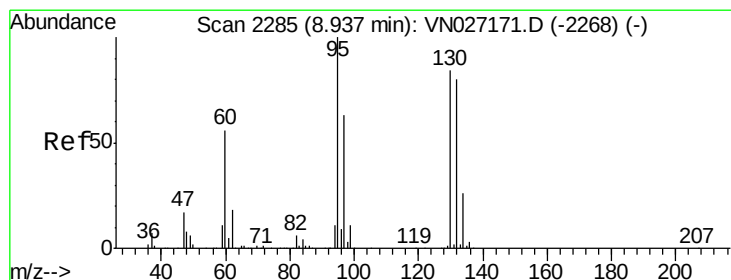
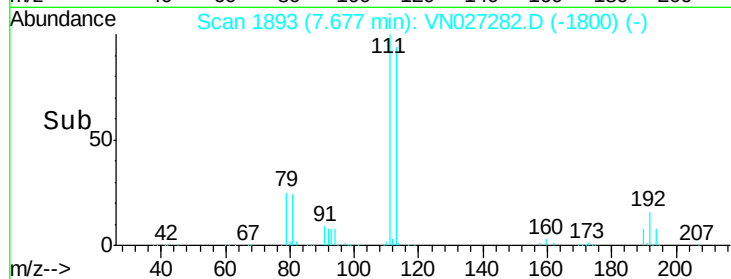
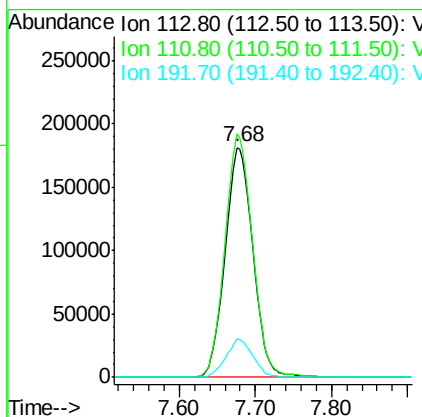
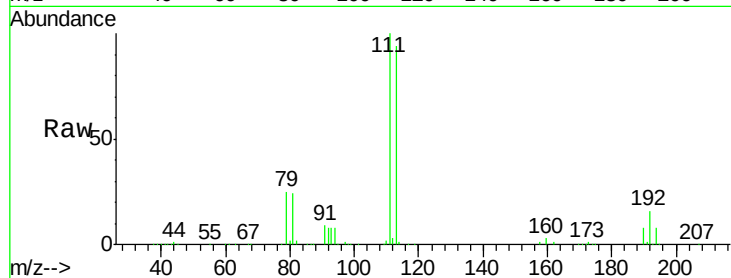




#36
 Dibromofluoromethane
 Concen: 51.69 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027282.D
 Acq: 18 Sep 2015 4:33

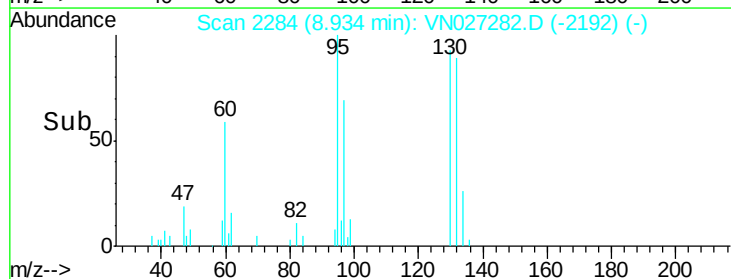
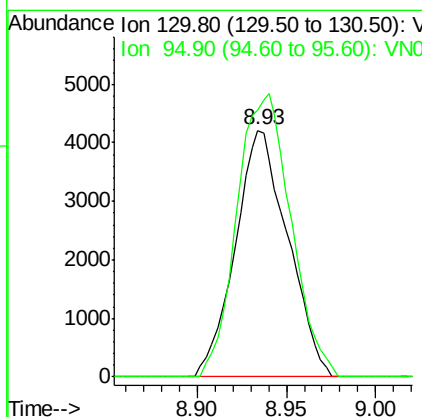
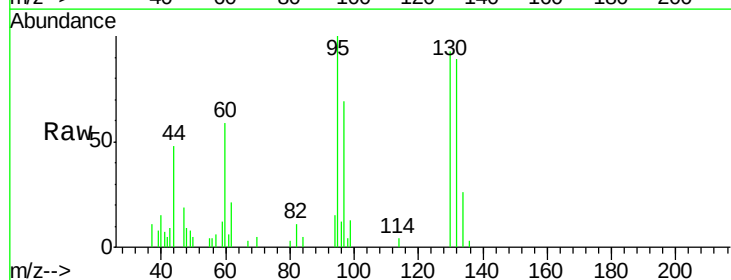
Instrument :
 MSVOA_N
 ClientSampled :
 MW-6

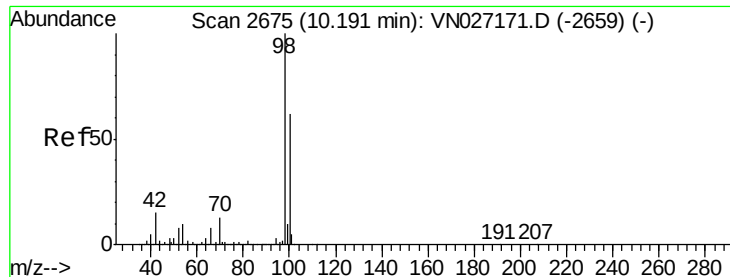
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.9	83.0	124.4
192	16.2	14.1	21.1



#45
 Trichloroethene
 Concen: 0.98 ug/l
 RT: 8.93 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN027282.D
 Acq: 18 Sep 2015 4:33

Tgt Ion	Ratio	Lower	Upper
130	100		
95	108.1	0.0	222.2





#51

Toluene-d8

Concen: 53.89 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027282.D

Acq: 18 Sep 2015 4:33

Instrument :

MSVOA_N

ClientSampled :

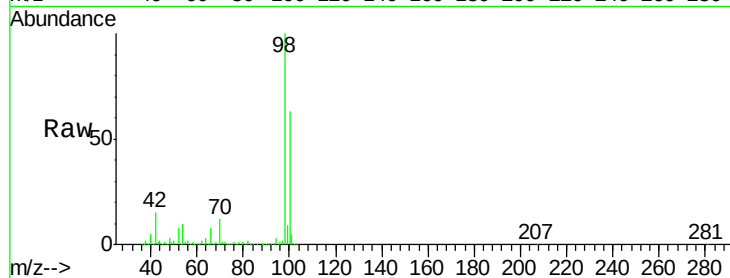
MW-6

Tot Ion: 98 Resp: 1892239

Ion Ratio Lower Upper

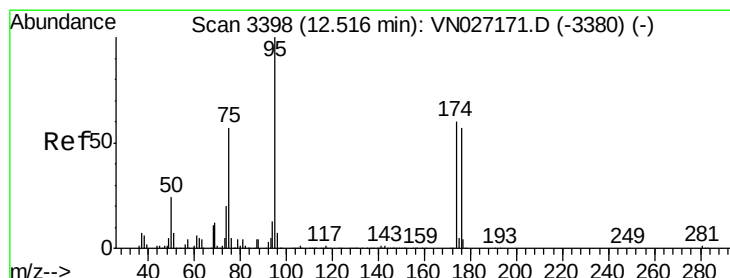
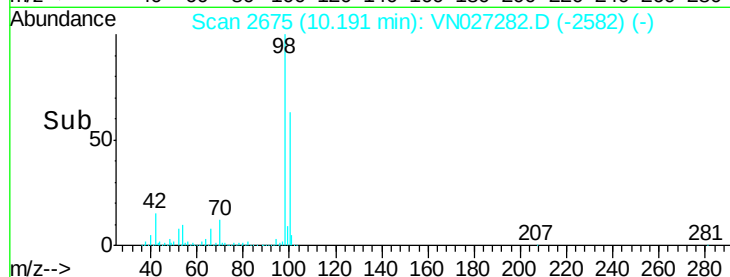
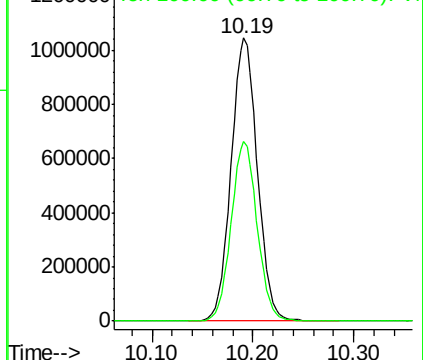
98 100

100 62.9 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: 49.92 ug/l

RT: 12.52 min Scan# 3399

Delta R.T. 0.00 min

Lab File: VN027282.D

Acq: 18 Sep 2015 4:33

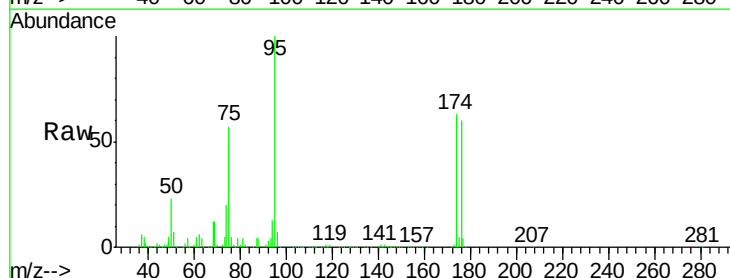
Tgt Ion: 95 Resp: 622133

Ion Ratio Lower Upper

95 100

174 62.3 0.0 137.0

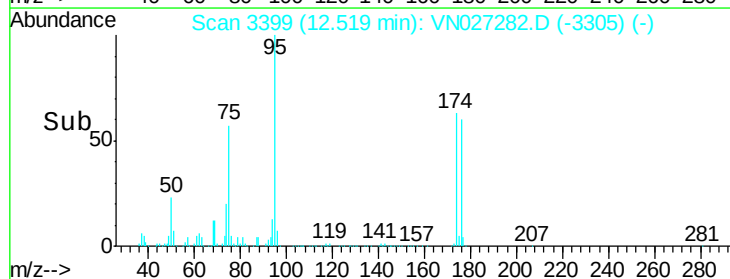
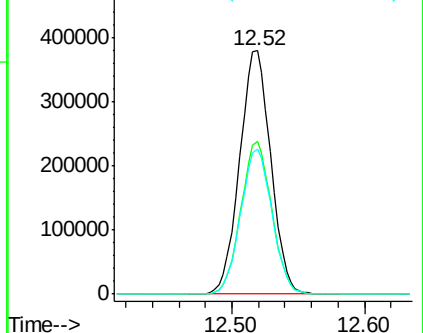
176 59.9 0.0 130.8

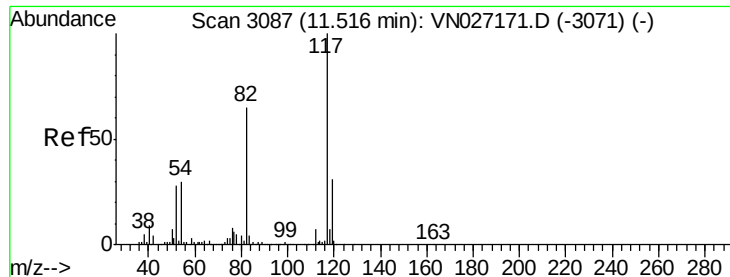


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN

Ion 175.80 (175.50 to 176.50): VN

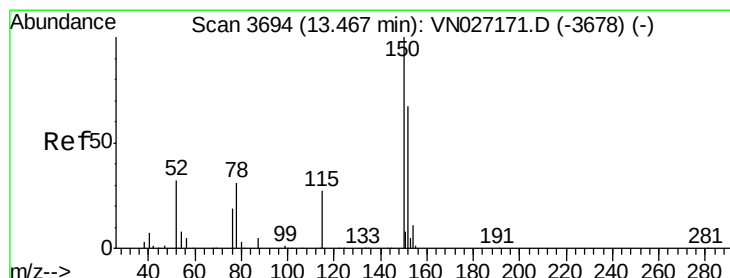
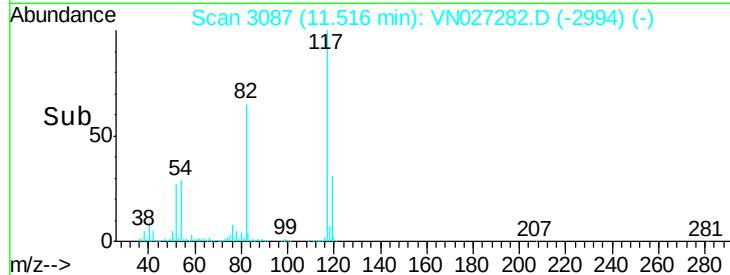
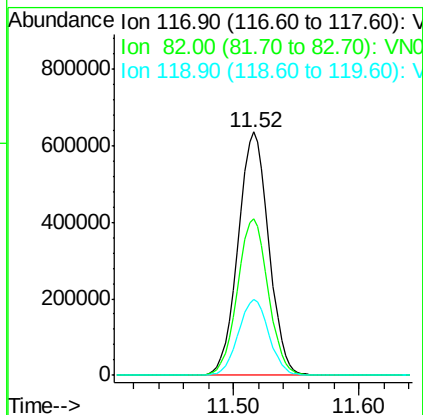
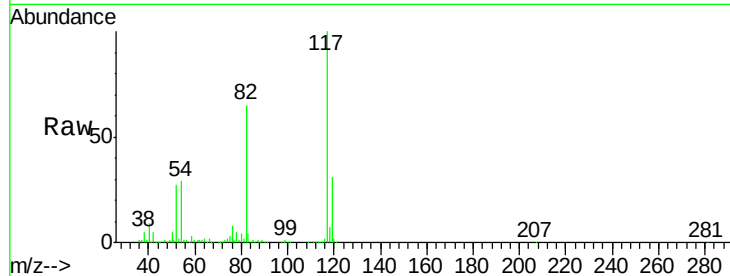




#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027282.D
Acq: 18 Sep 2015 4:33

Instrument :
MSVOA_N
ClientSampled :
MW-6

Tot Ion:117 Resp: 1078047
Ion Ratio Lower Upper
117 100
82 64.5 49.6 74.4
119 31.2 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: VN027282.D
Acq: 18 Sep 2015 4:33

Tgt Ion:152 Resp: 370975
Ion Ratio Lower Upper
152 100
115 67.6 30.8 92.3
150 156.0 0.0 345.0

