

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN092115\
 Data File : VN027352.D
 Acq On : 22 Sep 2015 2:03
 Operator : MD\FY
 Sample : G3763-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE BLANK-SOIL-REF-6

Quant Time: Sep 22 03:43:25 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 21 13:12:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	726821	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1312661	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1114636	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	391539	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) 1,2-Dichloroethane-d4	8.12	65	744717	52.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.68%	
36) Dibromofluoromethane	7.68	113	464583	54.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.48%	
51) Toluene-d8	10.19	98	1918632	57.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.88%	
63) 4-Bromofluorobenzene	12.52	95	647440	53.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.64%	

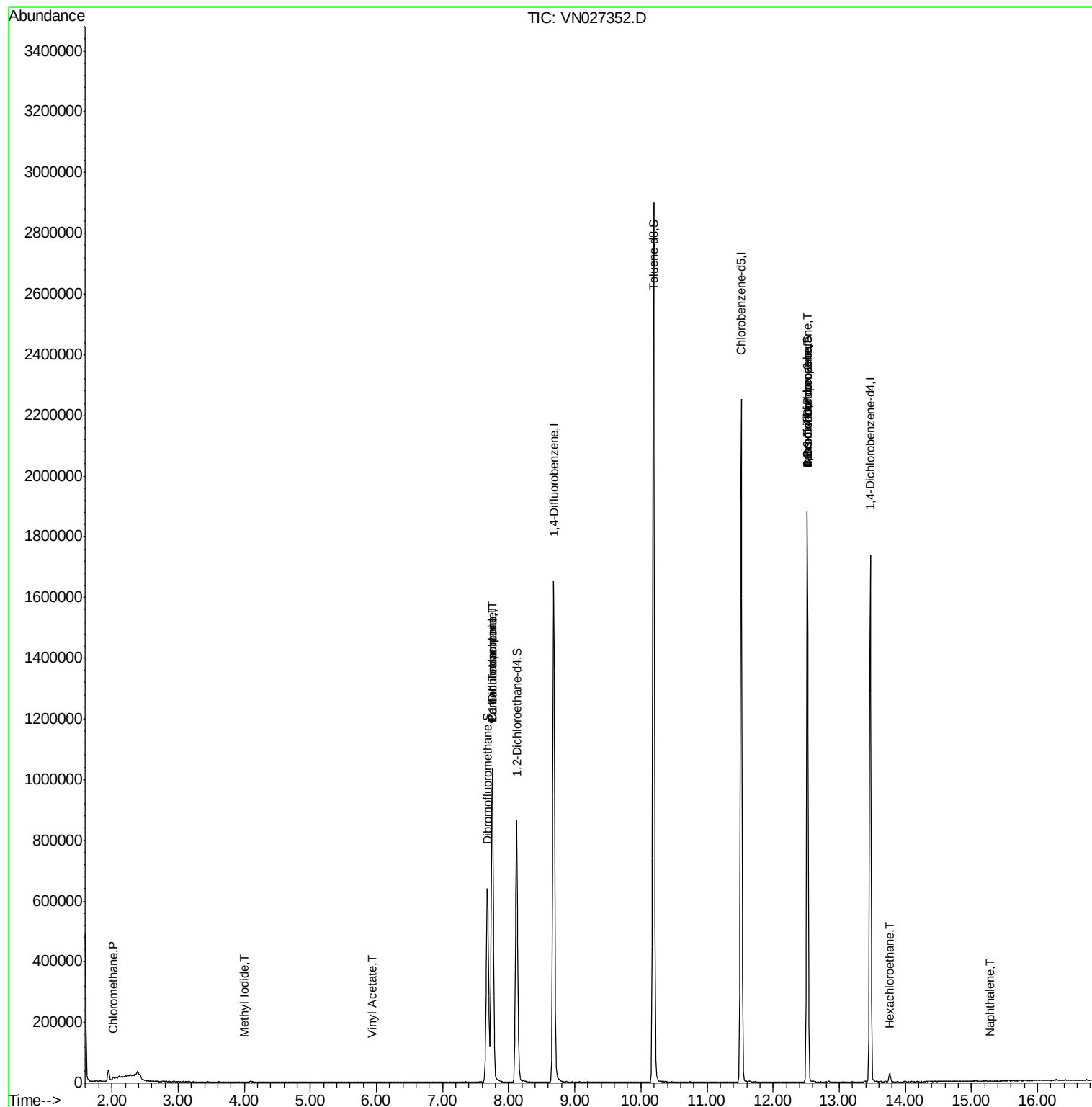
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Chloromethane	2.01	50	1959	0.23	ug/l	99
11) Methyl Iodide	3.99	142	29	2.38	ug/l #	43
24) Vinyl Acetate	5.95	43	435	9.31	ug/l #	76
32) Cyclohexane	7.75	56	21964	Below Cal	#	1
37) 1,1-Dichloropropene	7.75	75	74574	5.27	ug/l #	46
39) Carbon Tetrachloride	7.75	117	80174	6.02	ug/l #	16
72) Bromoform	12.52	173	4261	0.79	ug/l #	1
77) 1,2,3-Trichloropropane	12.52	75	378638	38.52	ug/l #	1
82) trans-1,4-Dichloro-2-buten	12.52	75	378638	98.77	ug/l #	4
91) Hexachloroethane	13.77	117	1727	0.28	ug/l #	15
96) Naphthalene	15.29	128	156	3.82	ug/l #	69

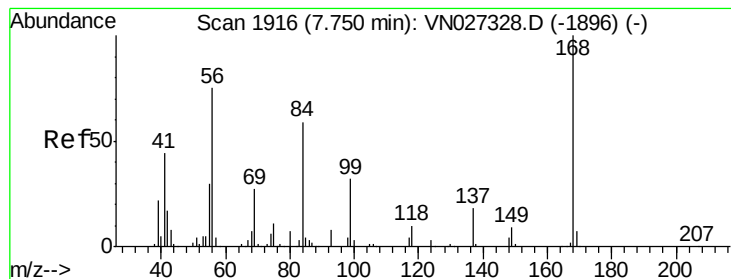
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN092115\
Data File : VN027352.D
Acq On : 22 Sep 2015 2:03
Operator : MD\FY
Sample : G3763-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
STORAGEBLANK-SOIL-REF-6

Quant Time: Sep 22 03:43:25 2015
Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 21 13:12:32 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: VN027352.D

Acq: 22 Sep 2015 2:03

Instrument :

MSVOA_N

ClientSampleId :

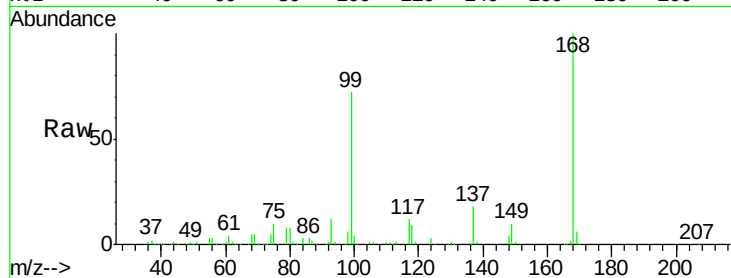
STORAGEBLANK-SOIL-REF-6

Tgt Ion:168 Resp: 726821

Ion Ratio Lower Upper

168 100

99 72.5 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

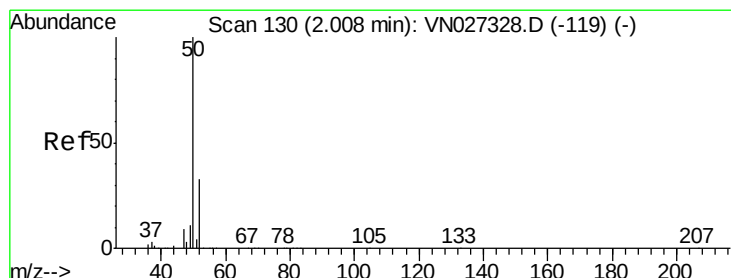
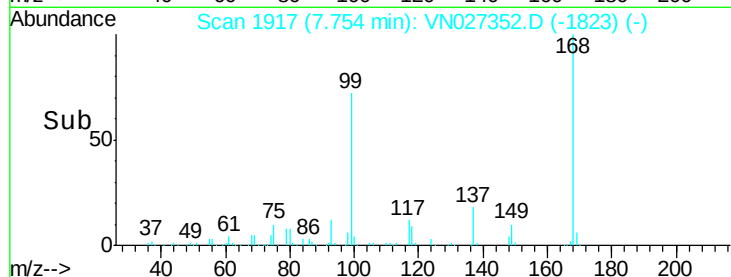
300000

200000

100000

0

Time-->



#4

Chloromethane

Concen: 0.23 ug/l

RT: 2.01 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN027352.D

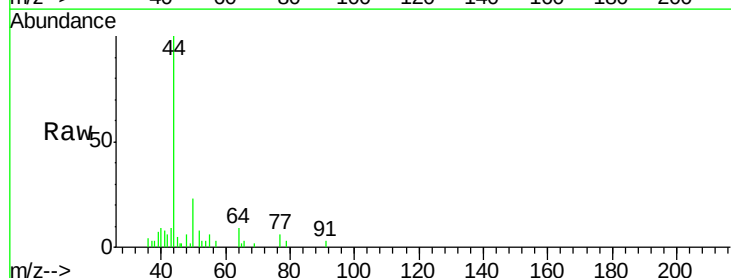
Acq: 22 Sep 2015 2:03

Tgt Ion: 50 Resp: 1959

Ion Ratio Lower Upper

50 100

52 33.0 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

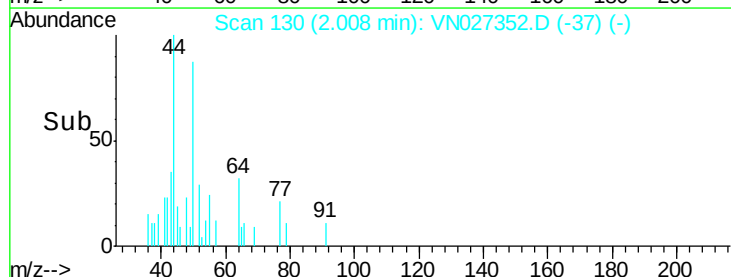
1500

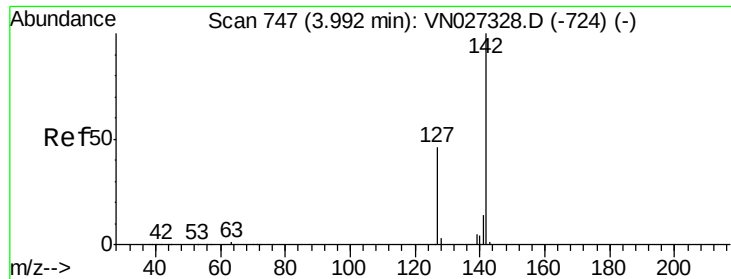
1000

500

0

Time-->

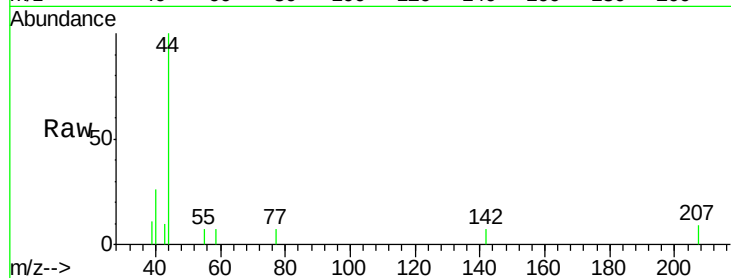




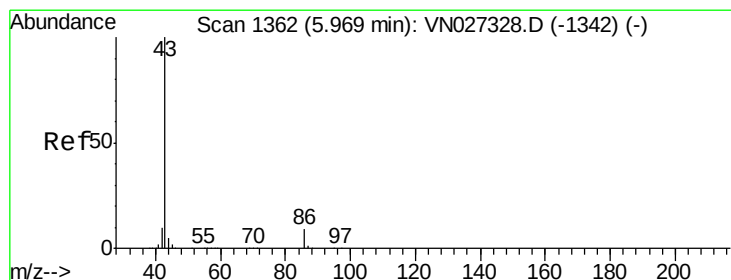
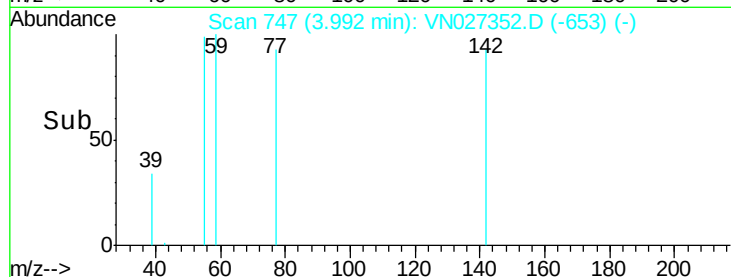
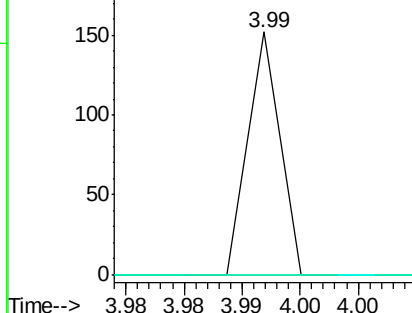
#11
Methyl Iodide
Concen: 2.38 ug/l
RT: 3.99 min Scan# 747
Delta R.T. 0.00 min
Lab File: VN027352.D
Acq: 22 Sep 2015 2:03

Instrument :
MSVOA_N
ClientSampleId :
STORAGEBLANK-SOIL-REF-6

Tgt Ion: 142 Resp: 29
Ion Ratio Lower Upper
142 100
127 0.0 32.3 48.5#
141 0.0 11.2 16.8#

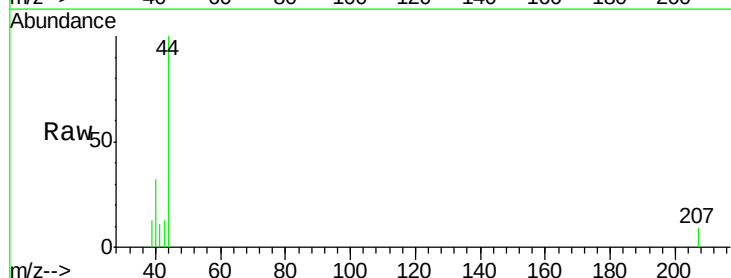


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

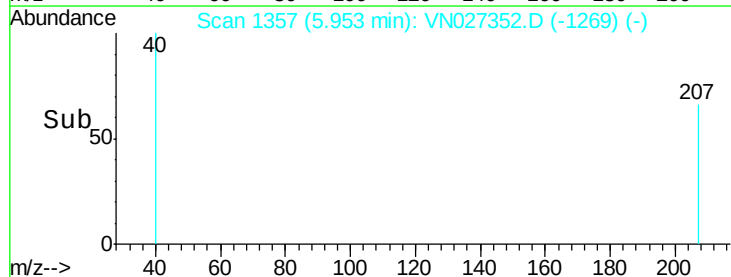
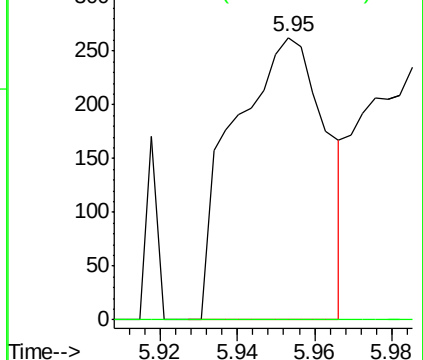


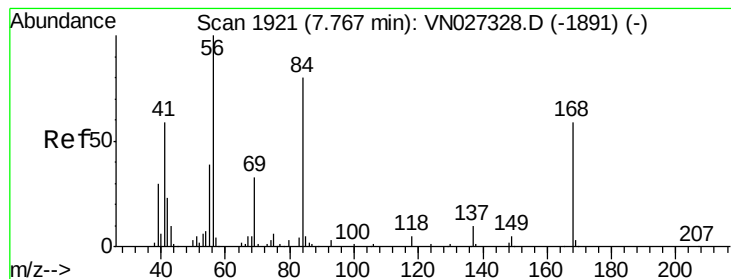
#24
Vinyl Acetate
Concen: 9.31 ug/l
RT: 5.95 min Scan# 1357
Delta R.T. -0.02 min
Lab File: VN027352.D
Acq: 22 Sep 2015 2:03

Tgt Ion: 43 Resp: 435
Ion Ratio Lower Upper
43 100
86 0.0 6.9 10.3#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 86.00 (85.70 to 86.70): VNO





#32

Cyclohexane

Concen: Below Cal

RT: 7.75 min Scan# 1916

Delta R.T. -0.02 min

Lab File: VN027352.D

Acq: 22 Sep 2015 2:03

Instrument :

MSVOA_N

ClientSampleId :

STORAGEBLANK-SOIL-REF-6

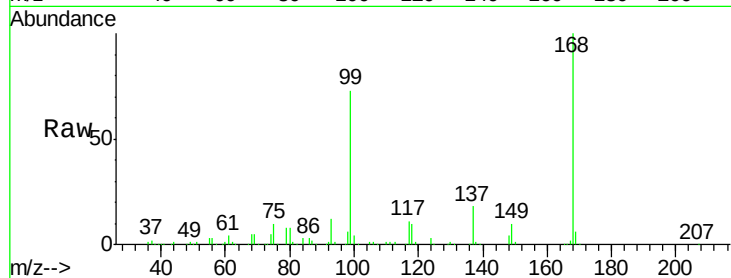
Tgt Ion: 56 Resp: 21964

Ion Ratio Lower Upper

56 100

69 175.7 23.0 34.4#

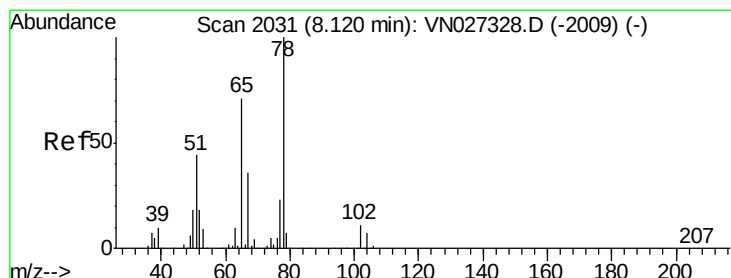
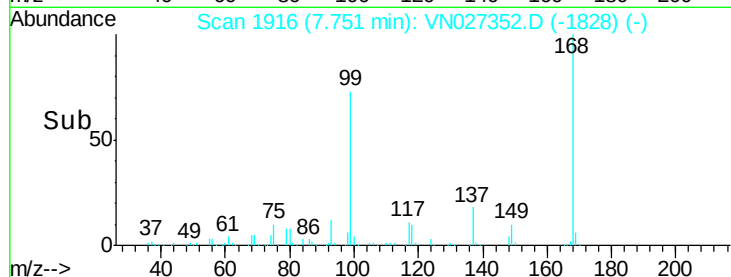
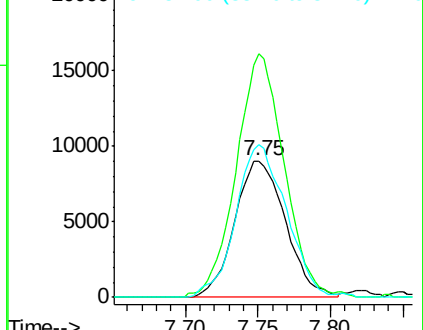
84 112.1 57.8 86.8#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#34

1,2-Dichloroethane-d4

Concen: 52.34 ug/l

RT: 8.12 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VN027352.D

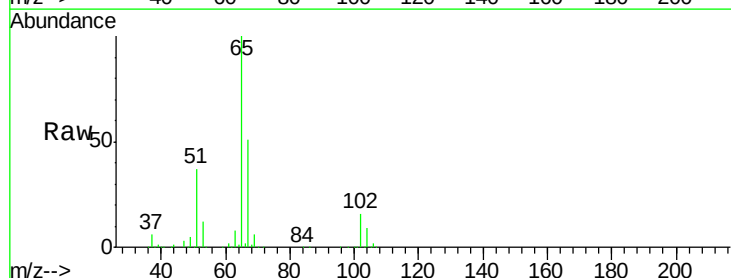
Acq: 22 Sep 2015 2:03

Tgt Ion: 65 Resp: 744717

Ion Ratio Lower Upper

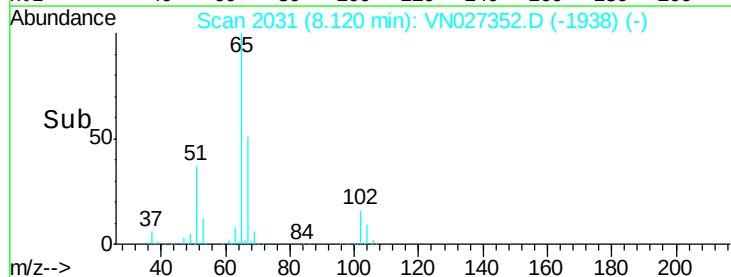
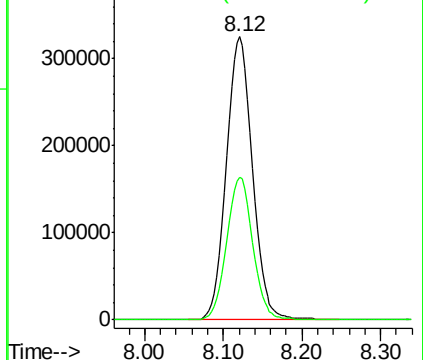
65 100

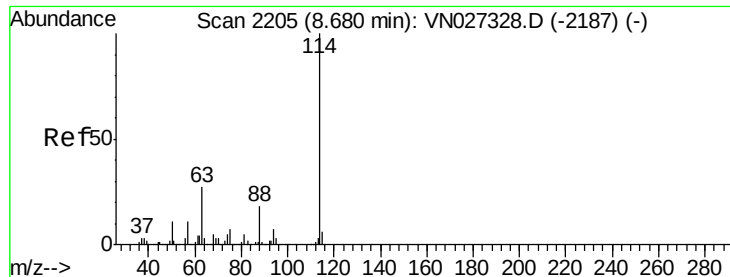
67 50.5 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

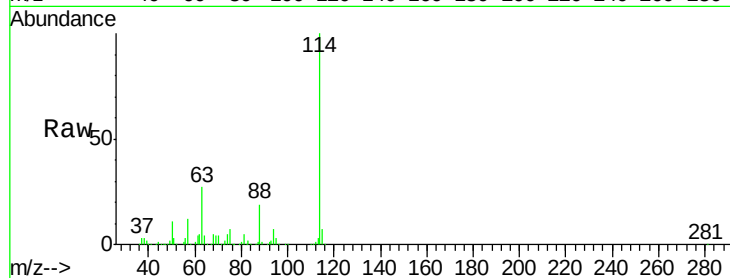




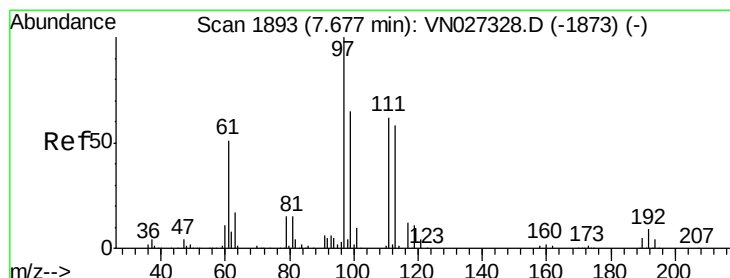
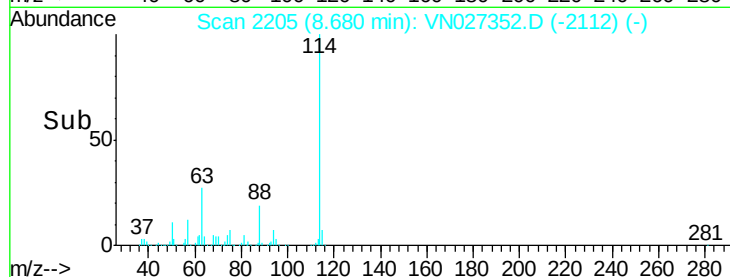
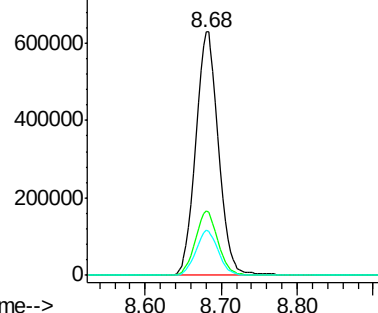
#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: VN027352.D
 Acq: 22 Sep 2015 2:03

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGEBLANK-SOIL-REF-6

Tgt Ion:114 Resp: 1312661
 Ion Ratio Lower Upper
 114 100
 63 26.6 0.0 48.8
 88 18.5 0.0 32.2

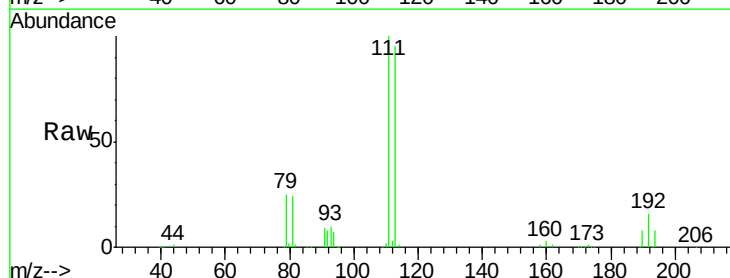


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

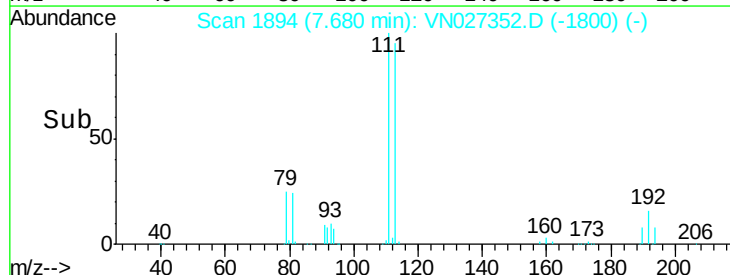
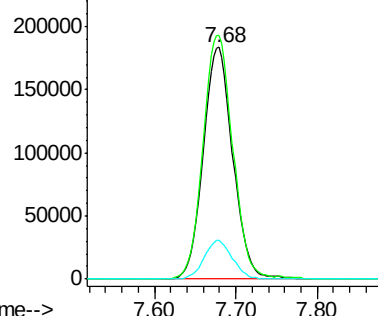


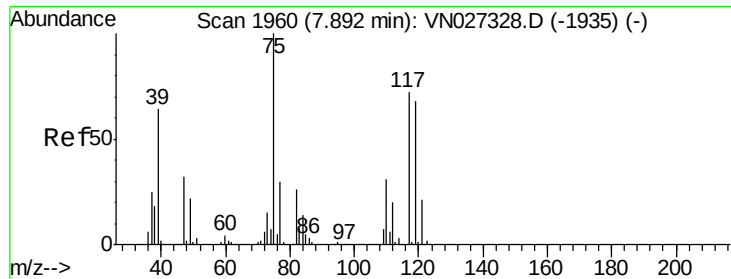
#36
 Dibromofluoromethane
 Concen: 54.24 ug/l
 RT: 7.68 min Scan# 1894
 Delta R.T. 0.00 min
 Lab File: VN027352.D
 Acq: 22 Sep 2015 2:03

Tgt Ion:113 Resp: 464583
 Ion Ratio Lower Upper
 113 100
 111 105.8 83.0 124.4
 192 16.0 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

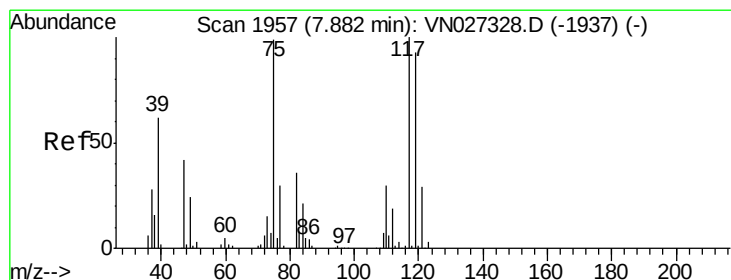
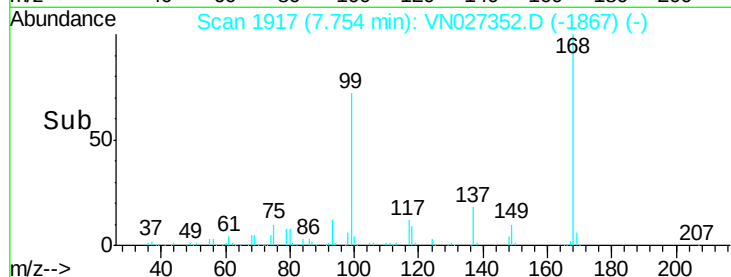
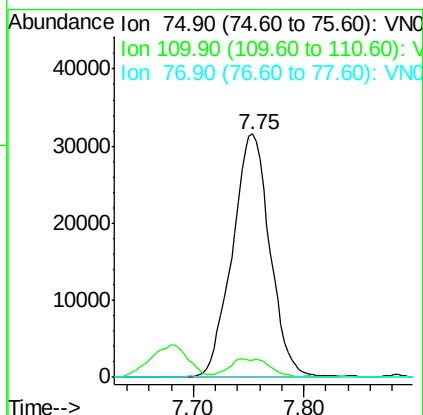
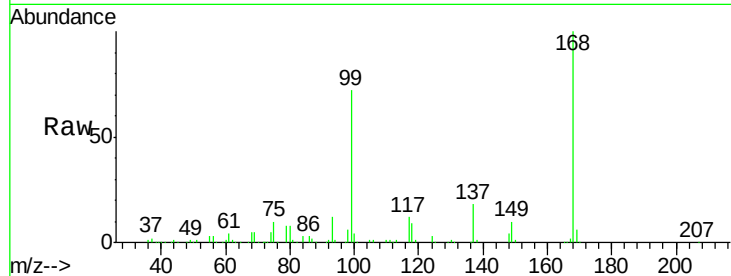




#37
 1,1-Dichloropropene
 Concen: 5.27 ug/l
 RT: 7.75 min Scan# 1917
 Delta R.T. -0.14 min
 Lab File: VN027352.D
 Acq: 22 Sep 2015 2:03

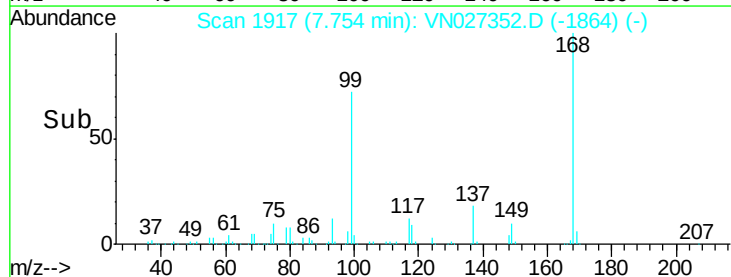
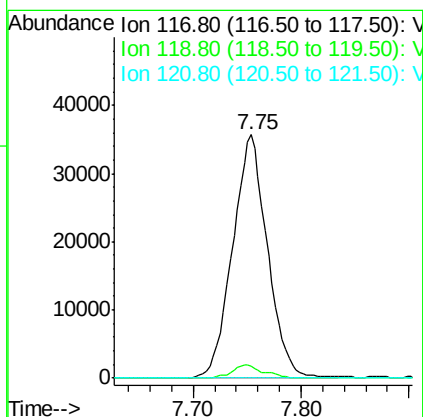
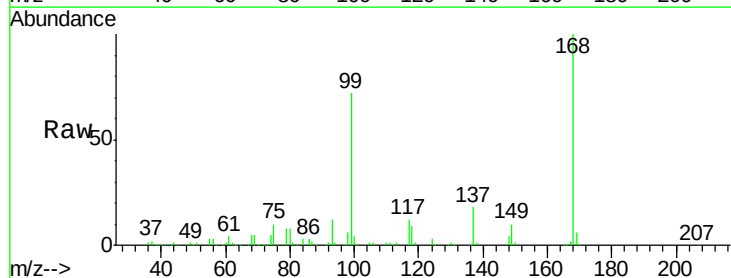
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGEBLANK-SOIL-REF-6

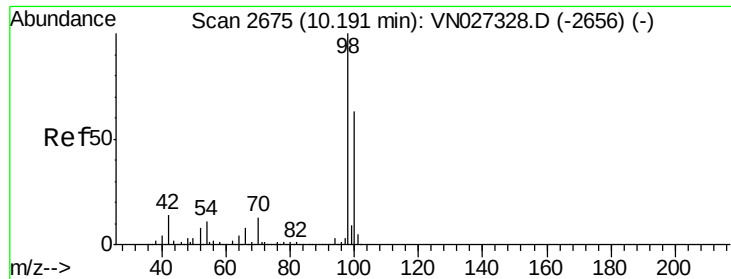
Tgt Ion: 75 Resp: 74574
 Ion Ratio Lower Upper
 75 100
 110 3.1 15.9 47.7#
 77 0.0 24.9 37.3#



#39
 Carbon Tetrachloride
 Concen: 6.02 ug/l
 RT: 7.75 min Scan# 1917
 Delta R.T. -0.13 min
 Lab File: VN027352.D
 Acq: 22 Sep 2015 2:03

Tgt Ion: 117 Resp: 80174
 Ion Ratio Lower Upper
 117 100
 119 4.7 75.3 112.9#
 121 0.0 23.8 35.8#





#51

Toluene-d8

Concen: 57.94 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027352.D

Acq: 22 Sep 2015 2:03

Instrument :

MSVOA_N

ClientSampleId :

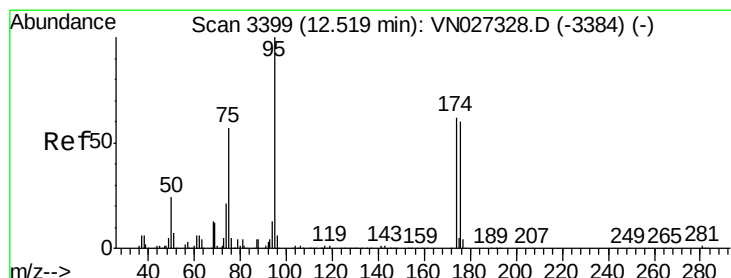
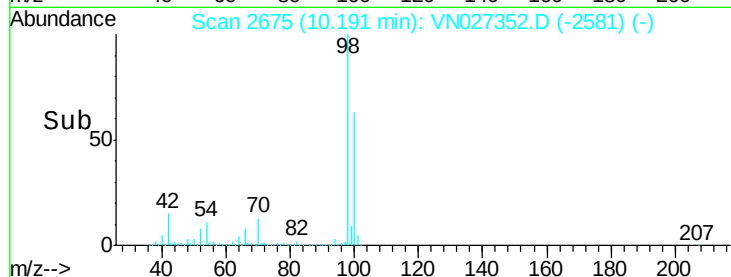
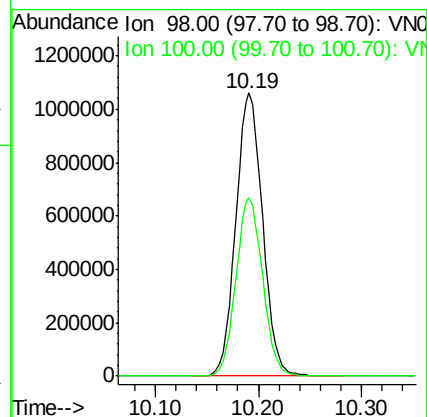
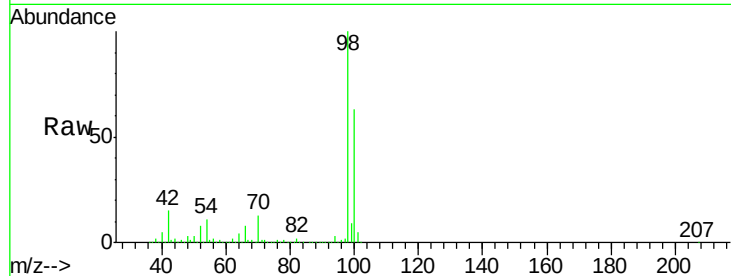
STORAGEBLANK-SOIL-REF-6

Tgt Ion: 98 Resp: 1918632

Ion Ratio Lower Upper

98 100

100 62.8 50.5 75.7



#63

4-Bromofluorobenzene

Concen: 53.82 ug/l

RT: 12.52 min Scan# 3398

Delta R.T. -0.00 min

Lab File: VN027352.D

Acq: 22 Sep 2015 2:03

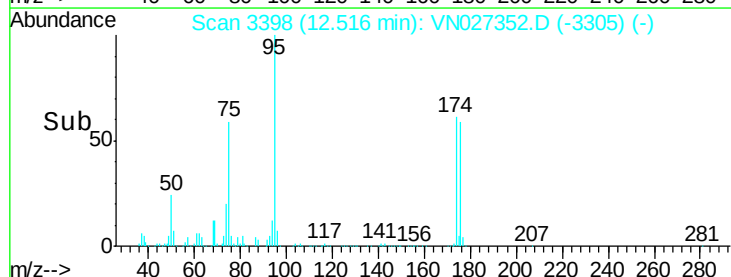
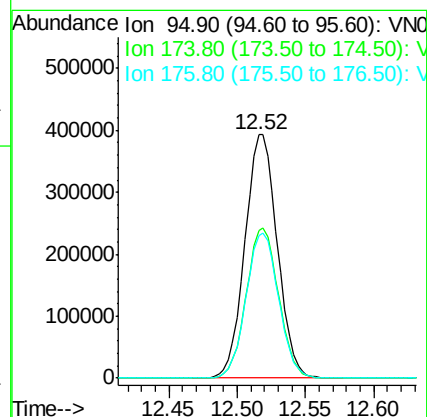
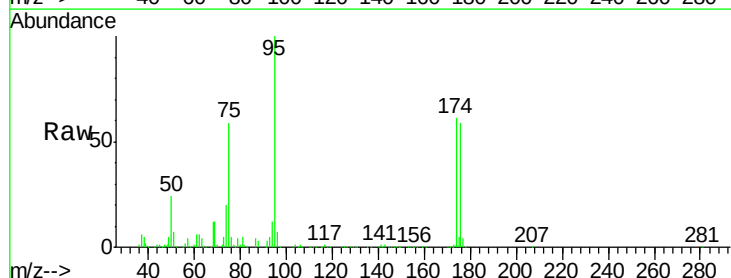
Tgt Ion: 95 Resp: 647440

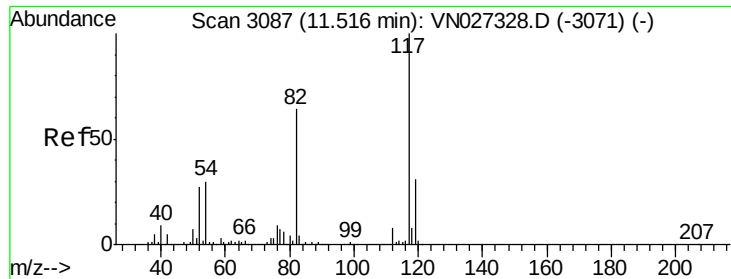
Ion Ratio Lower Upper

95 100

174 61.7 0.0 137.0

176 60.0 0.0 130.8

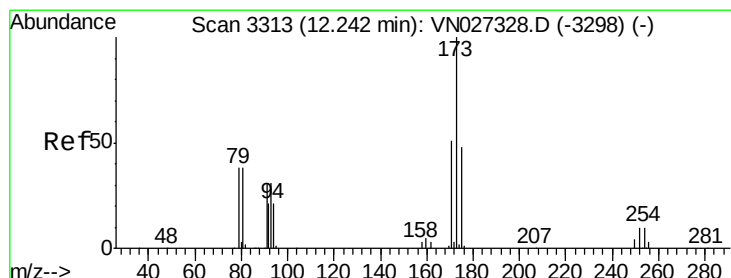
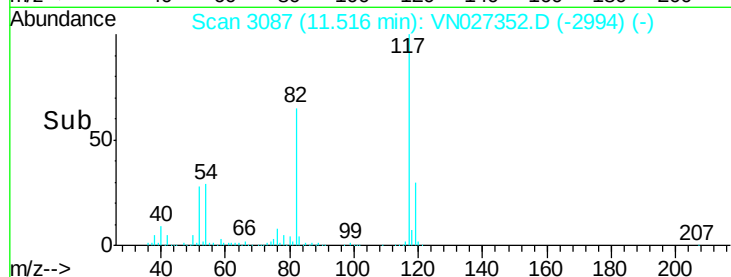
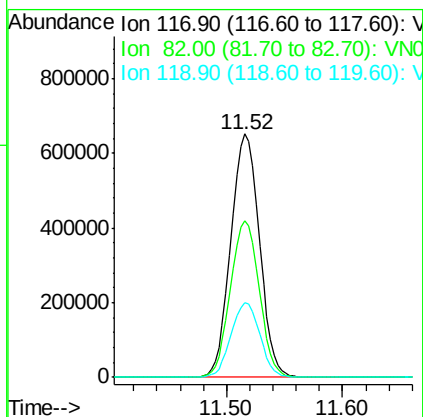
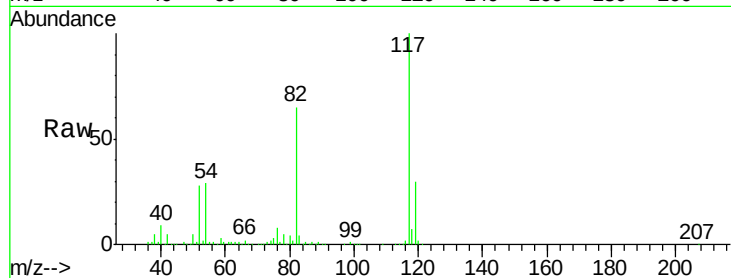




#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027352.D
Acq: 22 Sep 2015 2:03

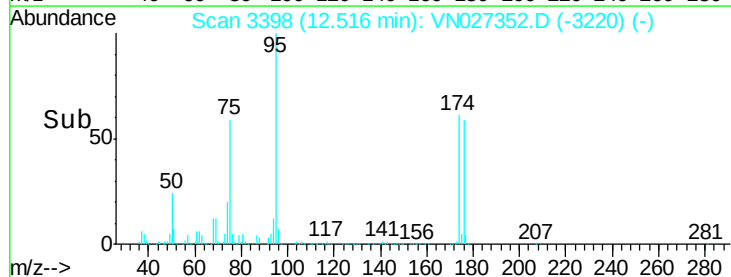
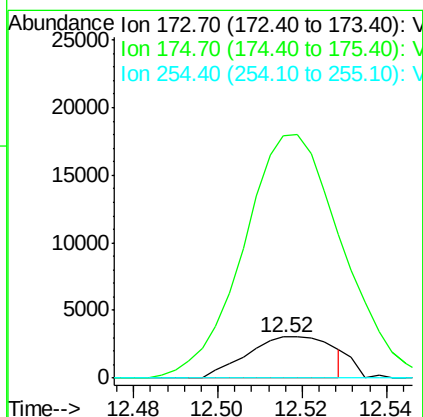
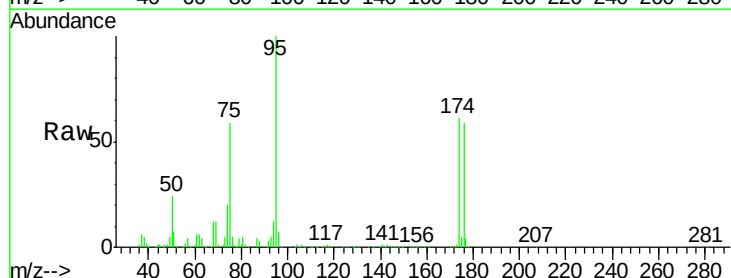
Instrument :
MSVOA_N
ClientSampleId :
STORAGEBLANK-SOIL-REF-6

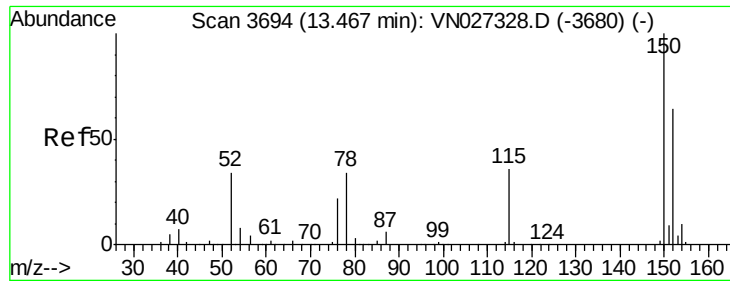
Tgt Ion:117 Resp: 1114636
Ion Ratio Lower Upper
117 100
82 64.6 49.6 74.4
119 30.4 24.6 36.8



#72
Bromoform
Concen: 0.79 ug/l
RT: 12.52 min Scan# 3398
Delta R.T. 0.27 min
Lab File: VN027352.D
Acq: 22 Sep 2015 2:03

Tgt Ion:173 Resp: 4261
Ion Ratio Lower Upper
173 100
175 592.3 24.4 73.4#
254 0.0 0.1 0.1#





#73

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.47 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN027352.D

Acq: 22 Sep 2015 2:03

Instrument :

MSVOA_N

ClientSampleId :

STORAGEBLANK-SOIL-REF-6

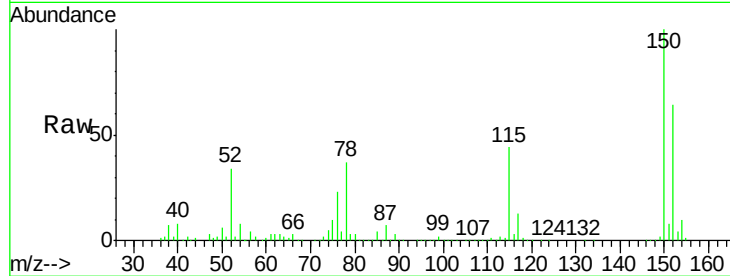
Tgt Ion:152 Resp: 391539

Ion Ratio Lower Upper

152 100

115 67.4 30.8 92.3

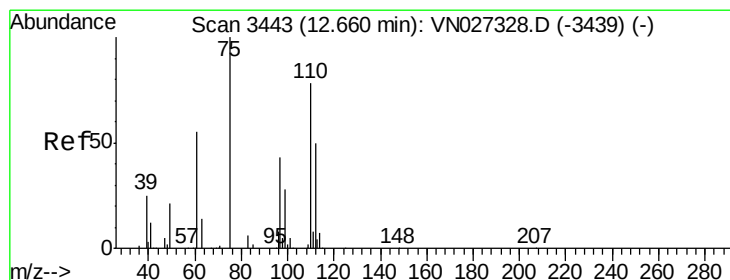
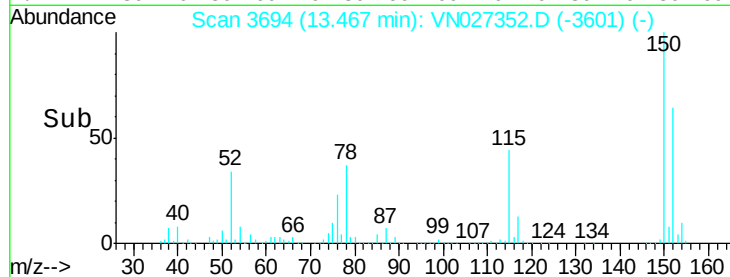
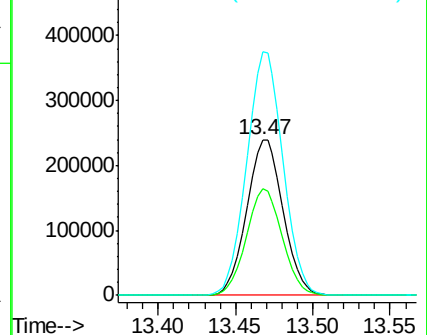
150 156.3 0.0 345.0



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



#77

1,2,3-Trichloropropane

Concen: 38.52 ug/l

RT: 12.52 min Scan# 3398

Delta R.T. -0.14 min

Lab File: VN027352.D

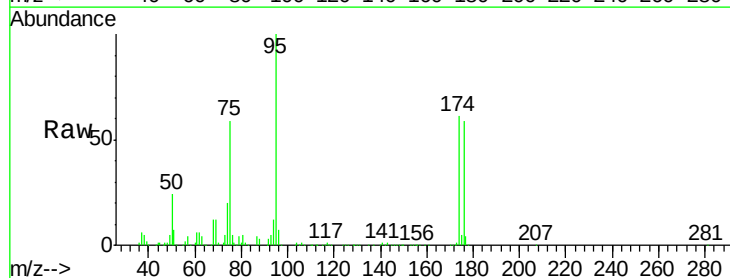
Acq: 22 Sep 2015 2:03

Tgt Ion: 75 Resp: 378638

Ion Ratio Lower Upper

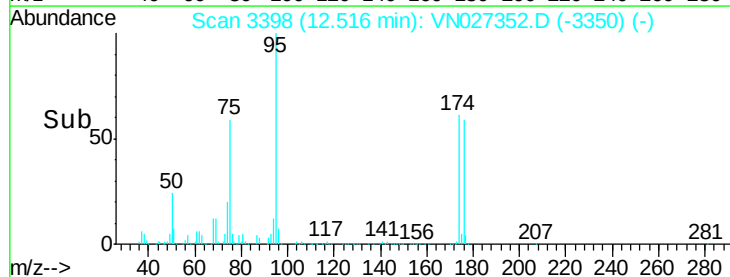
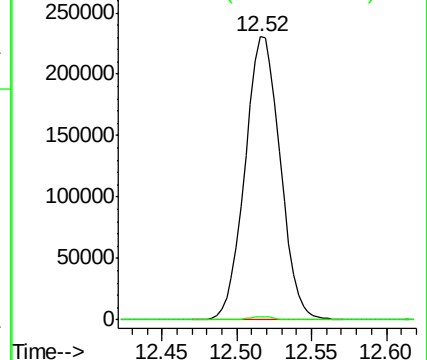
75 100

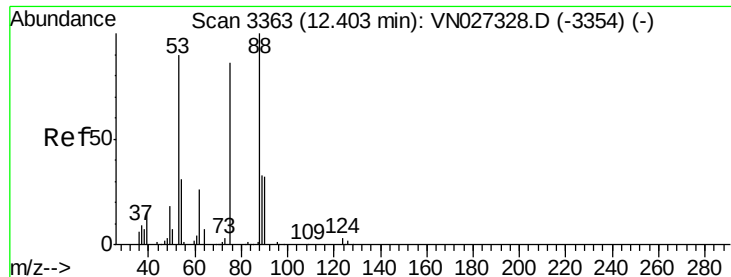
77 1.0 103.1 309.3#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#82

trans-1,4-Dichloro-2-butene

Concen: 98.77 ug/l

RT: 12.52 min Scan# 3398

Delta R.T. 0.11 min

Lab File: VN027352.D

Acq: 22 Sep 2015 2:03

Instrument :

MSVOA_N

ClientSampleId :

STORAGEBLANK-SOIL-REF-6

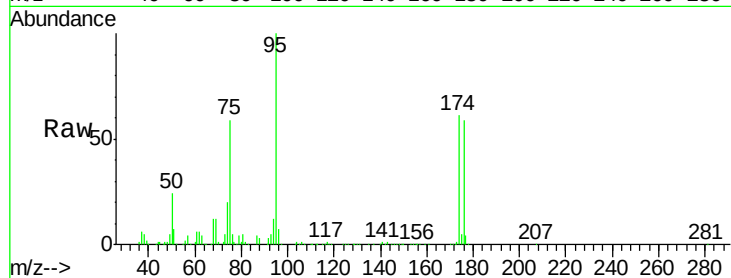
Tgt Ion: 75 Resp: 378638

Ion Ratio Lower Upper

75 100

53 0.0 92.9 139.3#

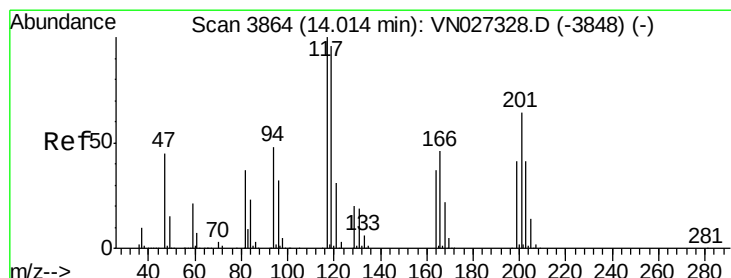
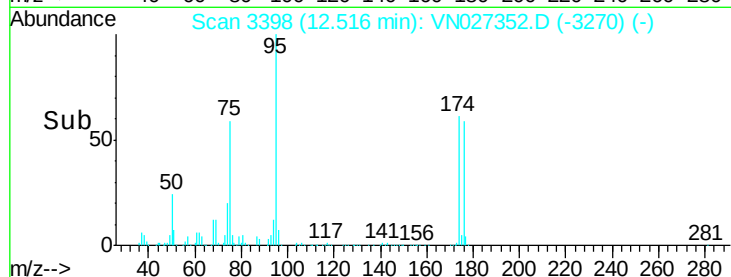
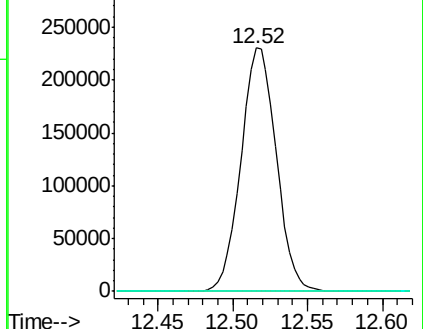
89 0.0 34.2 51.4#



Abundance Ion 74.90 (74.60 to 75.60): VN027352.D (-3270) (-)

Ion 53.00 (52.70 to 53.70): VN027352.D (-3270) (-)

Ion 88.90 (88.60 to 89.60): VN027352.D (-3270) (-)



#91

Hexachloroethane

Concen: 0.28 ug/l

RT: 13.77 min Scan# 3787

Delta R.T. -0.25 min

Lab File: VN027352.D

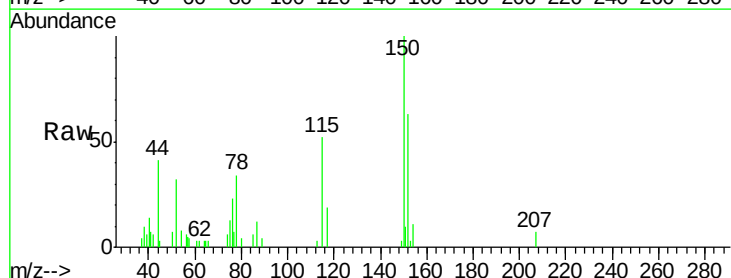
Acq: 22 Sep 2015 2:03

Tgt Ion: 117 Resp: 1727

Ion Ratio Lower Upper

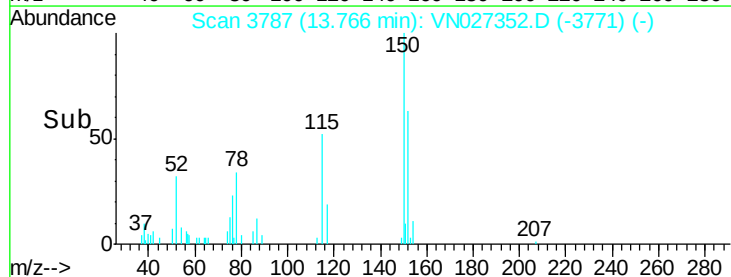
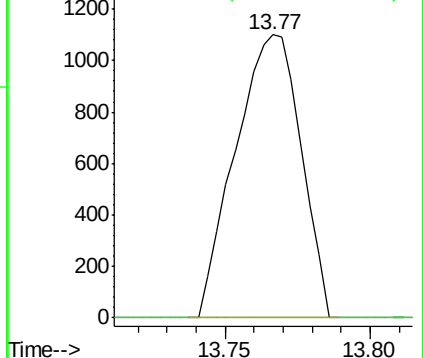
117 100

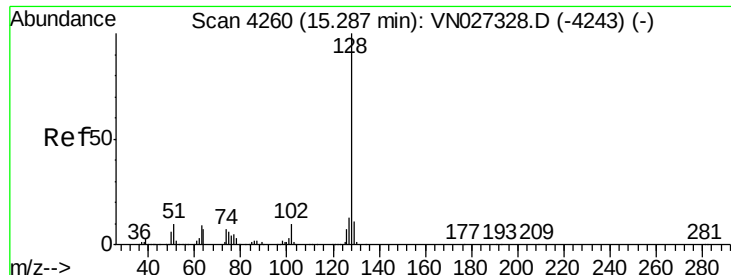
201 0.0 34.9 104.7#



Abundance Ion 116.80 (116.50 to 117.50): VN027352.D (-3771) (-)

Ion 200.70 (200.40 to 201.40): VN027352.D (-3771) (-)





#96
Naphthalene
Concen: 3.82 ug/l
RT: 15.29 min Scan# 4260
Delta R.T. 0.00 min
Lab File: VN027352.D
Acq: 22 Sep 2015 2:03

Instrument :
MSVOA_N
ClientSampleId :
STORAGEBLANK-SOIL-REF-6

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.6	12.8#

