

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091715\
 Data File : VN027253.D
 Acq On : 17 Sep 2015 14:17
 Operator : MD\FY
 Sample : G3663-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIPBLANK-9-12-15

Quant Time: Sep 18 01:14:11 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	781704	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1376164	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1152320	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	391731	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	759939	47.45	ug/l	0.00
Spiked Amount			Recovery	=	94.90%	
36) Dibromofluoromethane	7.68	113	493677	51.75	ug/l	0.00
Spiked Amount			Recovery	=	103.50%	
51) Toluene-d8	10.19	98	2018430	54.04	ug/l	0.00
Spiked Amount			Recovery	=	108.08%	
63) 4-Bromofluorobenzene	12.52	95	654466	49.37	ug/l	0.00
Spiked Amount			Recovery	=	98.74%	

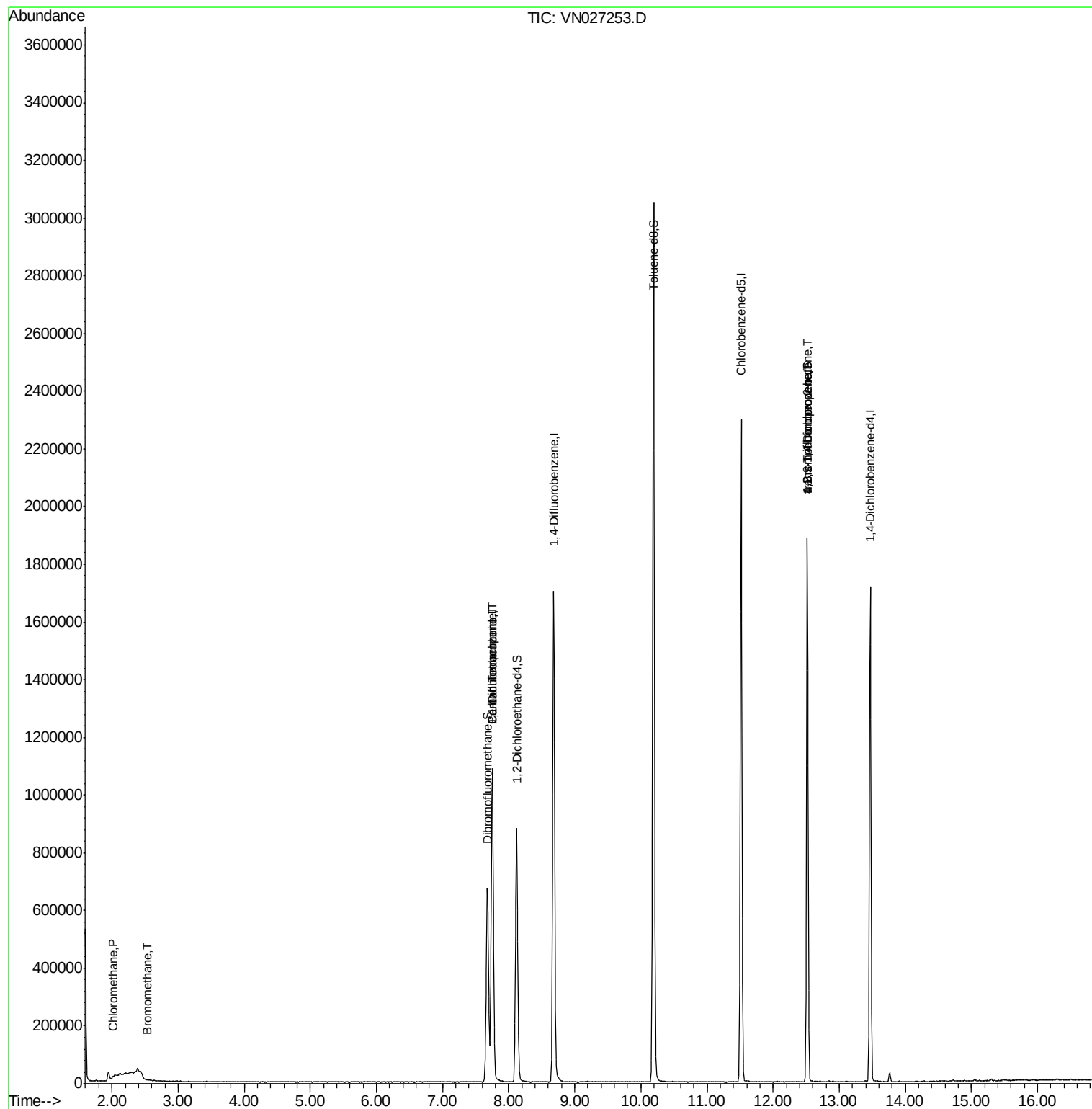
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Chloromethane	2.01	50	1732	1.27	ug/l	96
6) Bromomethane	2.54	94	249	1.64	ug/l #	59
37) 1,1-Dichloropropene	7.75	75	80611	5.00	ug/l #	51
38) Ethyl Acetate	7.01	43	569	Below Cal	#	77
39) Carbon Tetrachloride	7.75	117	87403	5.77	ug/l #	16
76) 1,1,2,2-Tetrachloroethane	12.66	83	29	Below Cal	#	25
77) 1,2,3-Trichloropropane	12.52	75	374398	31.62	ug/l #	1
82) trans-1,4-Dichloro-2-buten	12.52	75	374398	77.68	ug/l #	4
93) 1,2-Dibromo-3-Chloropropan	14.34	75	31	Below Cal	#	9

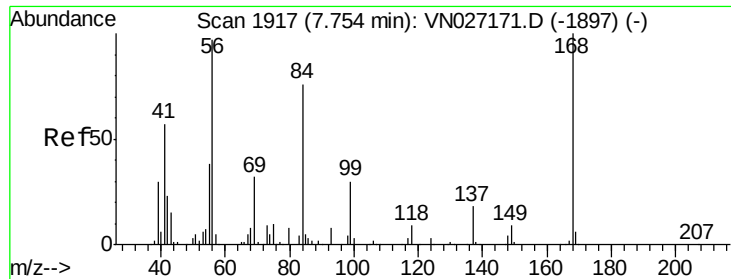
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN027253.D

Acq: 17 Sep 2015 14:17

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MSVOA_N

ClientSampleId :

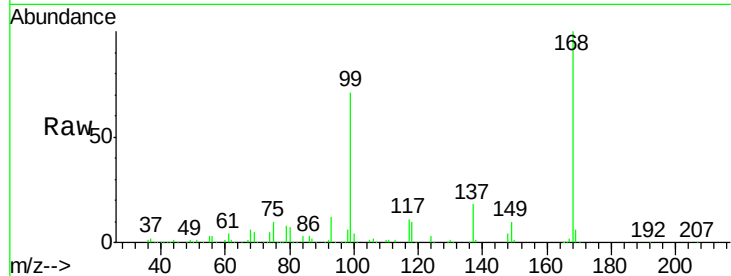
TRIPBLANK-9-12-15

Tgt Ion:168 Resp: 781704

Ion Ratio Lower Upper

168 100

99 71.3 50.4 75.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.75

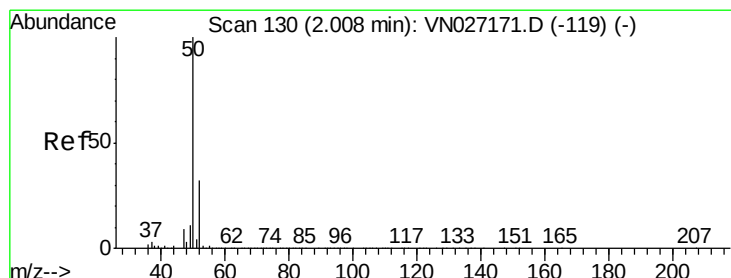
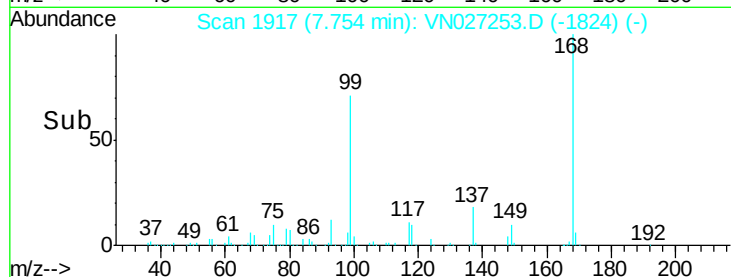
300000

200000

100000

0

Time--> 7.60 7.70 7.80 7.90



#4

Chloromethane

Concen: 1.27 ug/l

RT: 2.01 min Scan# 131

Delta R.T. 0.00 min

Lab File: VN027253.D

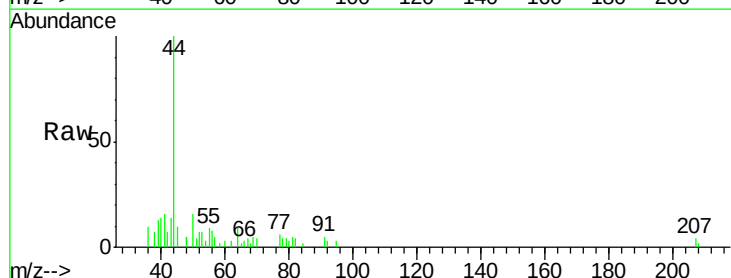
Acq: 17 Sep 2015 14:17

Tgt Ion: 50 Resp: 1732

Ion Ratio Lower Upper

50 100

52 30.3 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

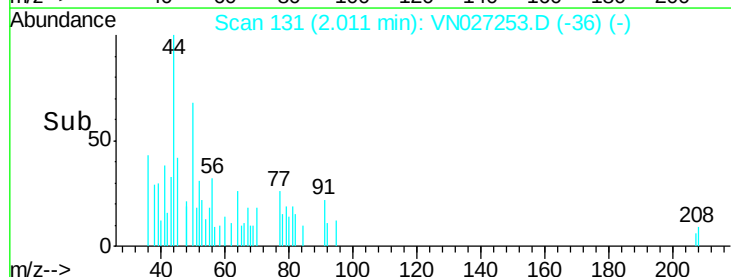
2.01

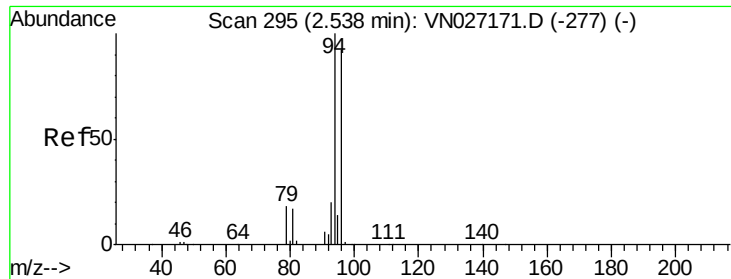
1000

500

0

Time--> 1.96 1.98 2.00 2.02 2.04





#6

Bromomethane

Concen: 1.64 ug/l

RT: 2.54 min Scan# 295

Delta R.T. 0.00 min

Lab File: VN027253.D

Acq: 17 Sep 2015 14:17

Instrument :

MSVOA_N

ClientSampleId :

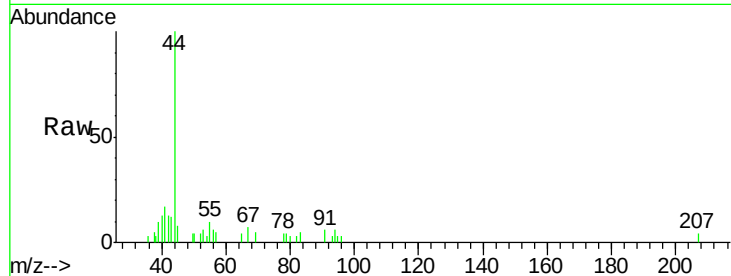
TRIPBLANK-9-12-15

Tgt Ion: 94 Resp: 249

Ion Ratio Lower Upper

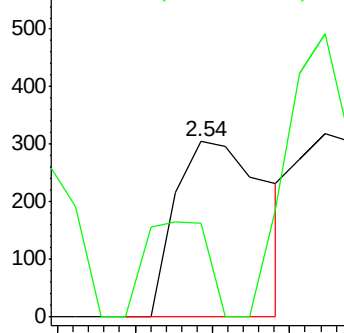
94 100

96 53.1 73.4 110.2#

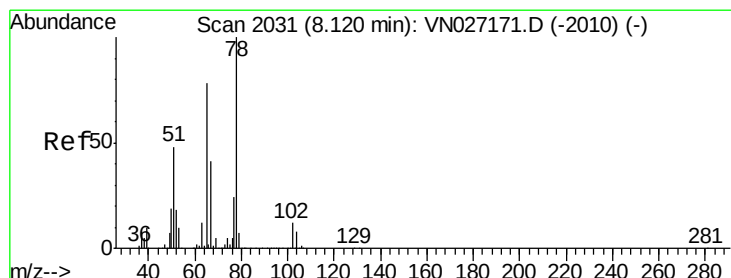
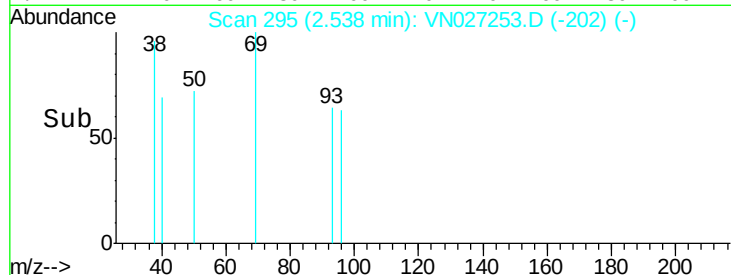


Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



Time-->



#34

1,2-Dichloroethane-d4

Concen: 47.45 ug/l

RT: 8.12 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VN027253.D

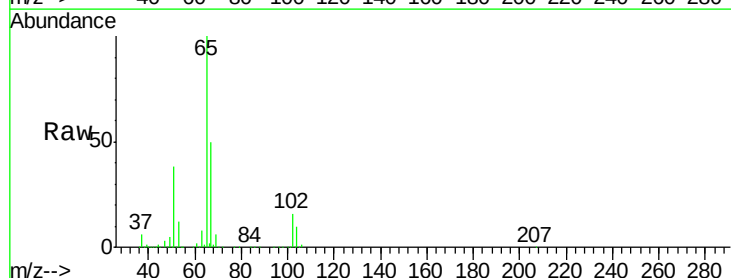
Acq: 17 Sep 2015 14:17

Tgt Ion: 65 Resp: 759939

Ion Ratio Lower Upper

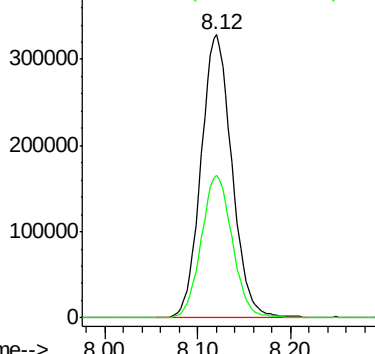
65 100

67 50.4 0.0 110.6

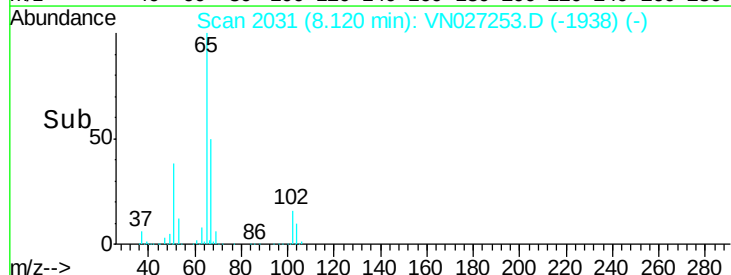


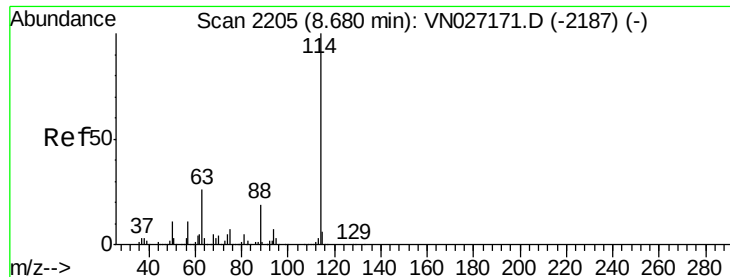
Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



Time-->

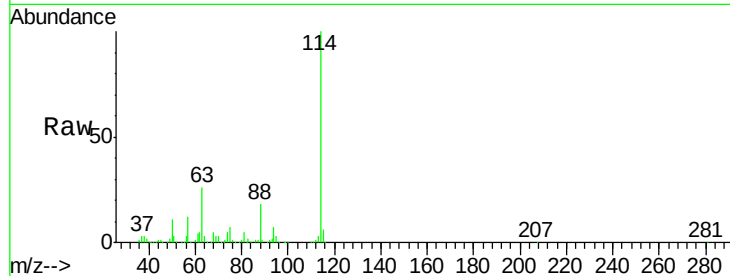




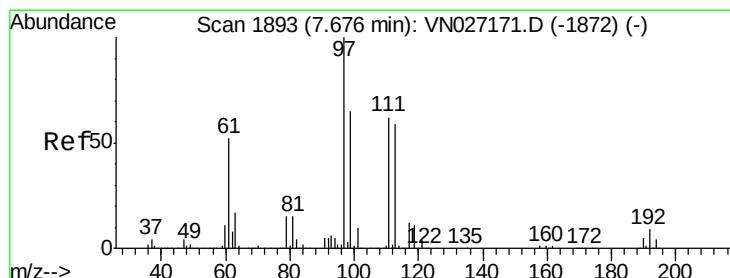
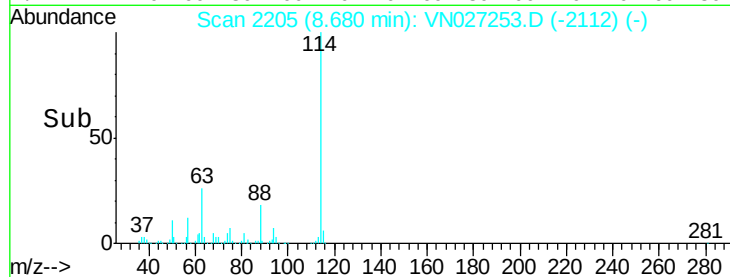
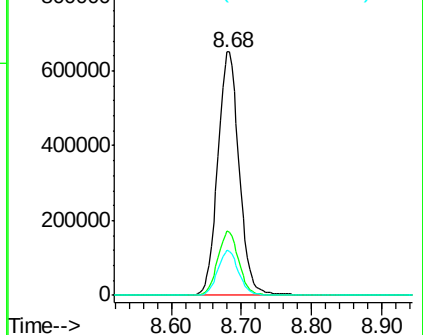
#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: VN027253.D
 Acq: 17 Sep 2015 14:17

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIPBLANK-9-12-15

Tgt Ion:114 Resp: 1376164
 Ion Ratio Lower Upper
 114 100
 63 26.2 0.0 48.8
 88 18.3 0.0 32.2

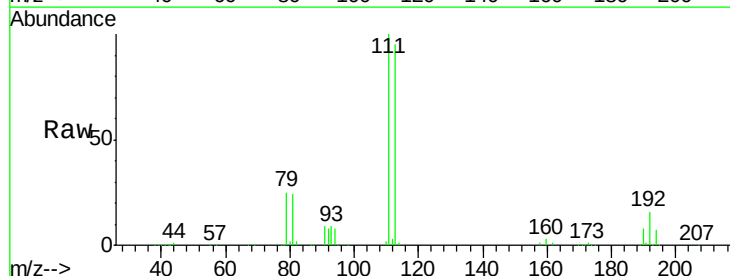


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

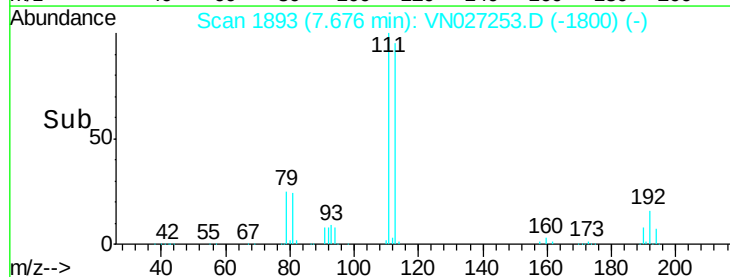
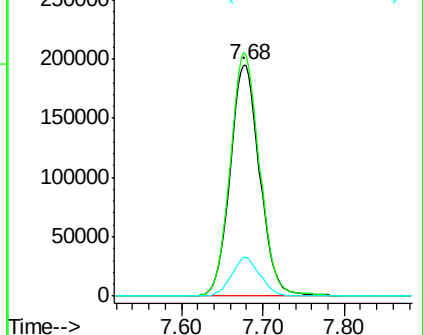


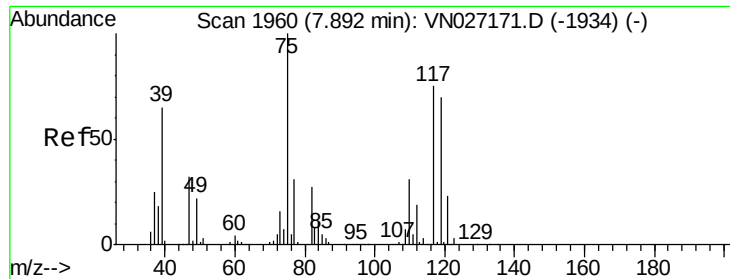
#36
 Dibromofluoromethane
 Concen: 51.75 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027253.D
 Acq: 17 Sep 2015 14:17

Tgt Ion:113 Resp: 493677
 Ion Ratio Lower Upper
 113 100
 111 104.7 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

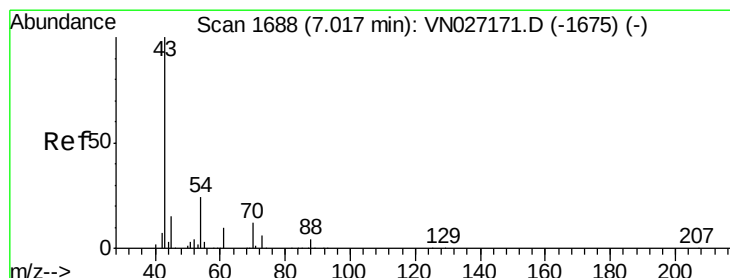
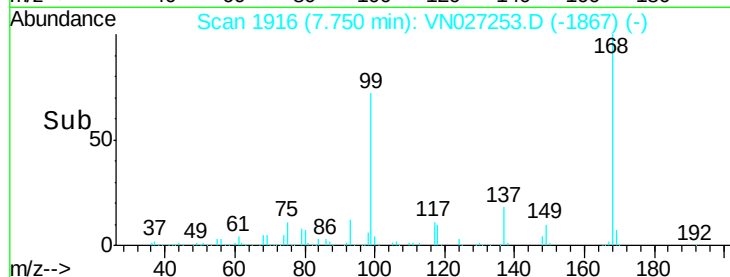
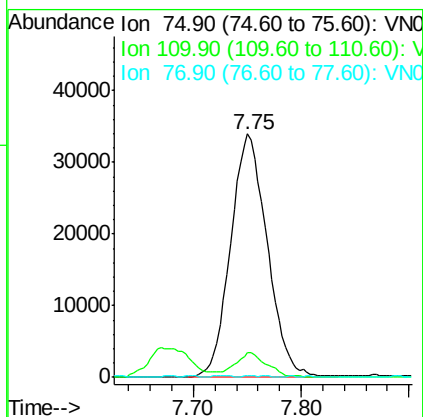
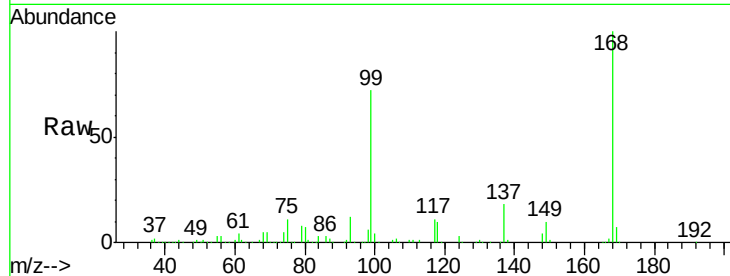




#37
 1,1-Dichloropropene
 Concen: 5.00 ug/l
 RT: 7.75 min Scan# 1916
 Delta R.T. -0.14 min
 Lab File: VN027253.D
 Acq: 17 Sep 2015 14:17

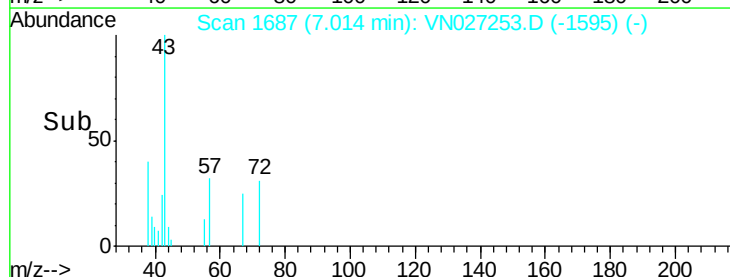
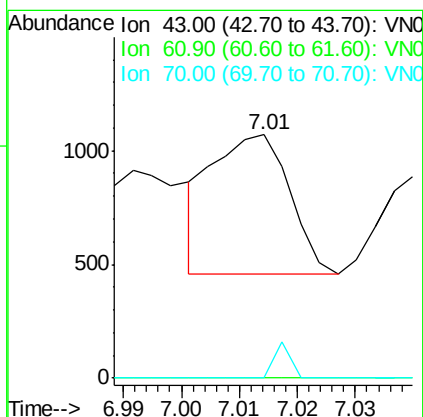
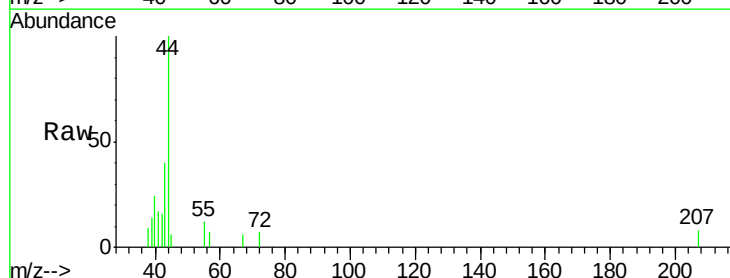
Instrument :
 MSVOA_N
 ClientSampleId :
 TRIPBLANK-9-12-15

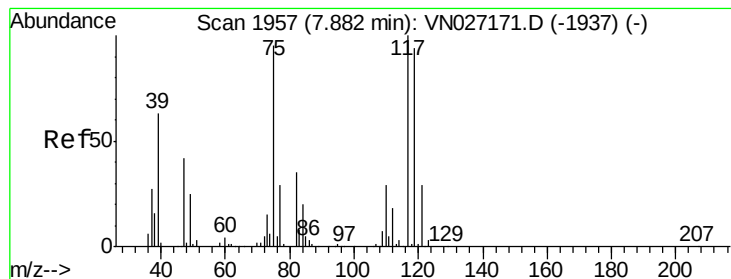
Tgt Ion: 75 Resp: 80611
 Ion Ratio Lower Upper
 75 100
 110 8.8 15.9 47.7#
 77 0.2 24.9 37.3#



#38
 Ethyl Acetate
 Concen: Below Cal
 RT: 7.01 min Scan# 1687
 Delta R.T. -0.00 min
 Lab File: VN027253.D
 Acq: 17 Sep 2015 14:17

Tgt Ion: 43 Resp: 569
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.2 15.4#
 70 5.3 7.4 11.0#





#39

Carbon Tetrachloride

Concen: 5.77 ug/l

RT: 7.75 min Scan# 1916

Delta R.T. -0.13 min

Lab File: VN027253.D

Acq: 17 Sep 2015 14:17

Instrument :

MSVOA_N

ClientSampleId :

TRIPBLANK-9-12-15

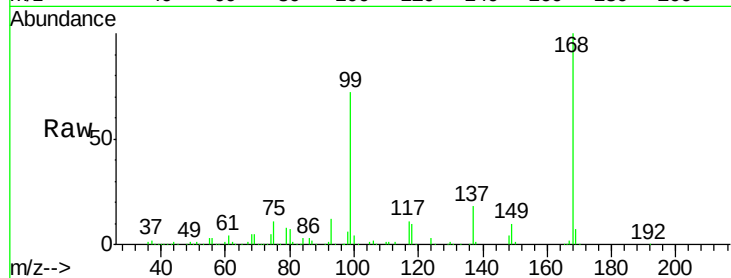
Tgt Ion: 117 Resp: 87403

Ion Ratio Lower Upper

117 100

119 4.0 75.3 112.9#

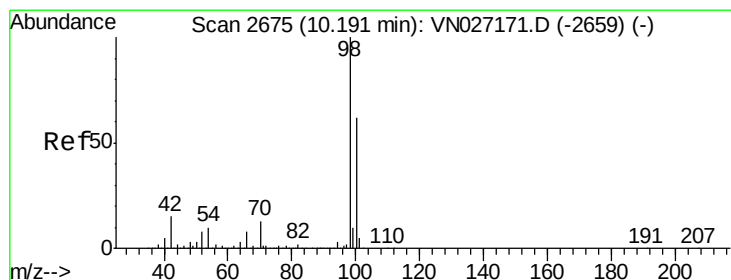
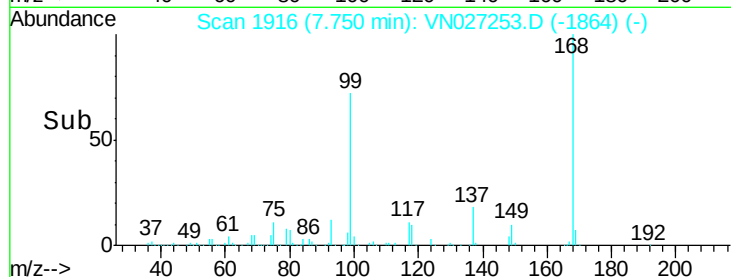
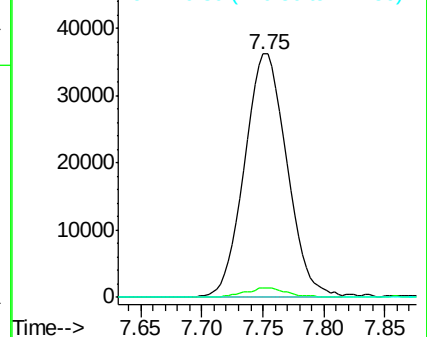
121 0.0 23.8 35.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#51

Toluene-d8

Concen: 54.04 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027253.D

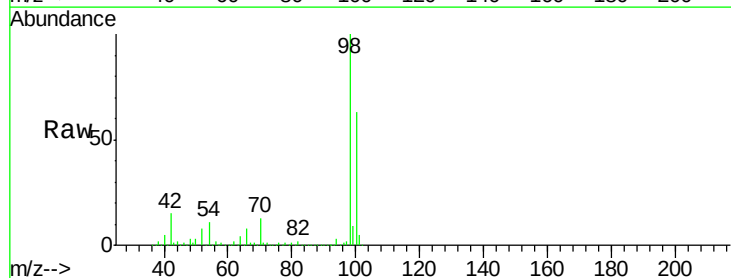
Acq: 17 Sep 2015 14:17

Tgt Ion: 98 Resp: 2018430

Ion Ratio Lower Upper

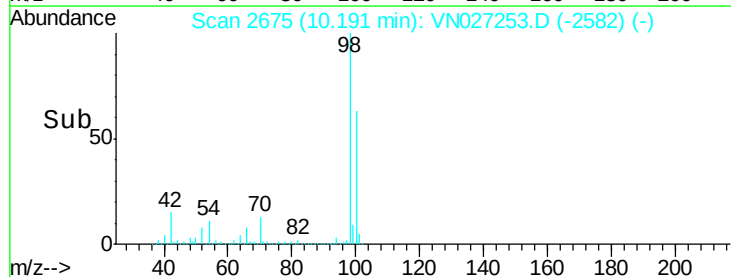
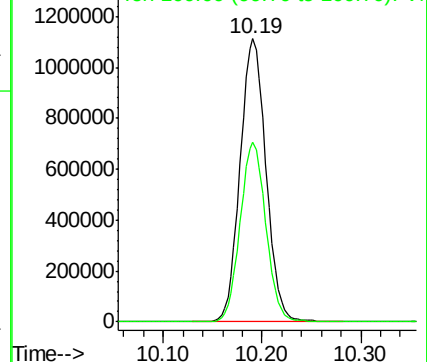
98 100

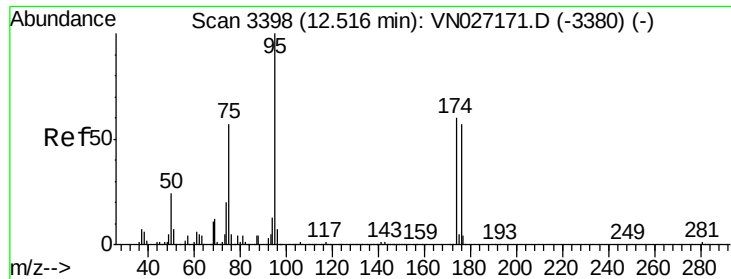
100 63.0 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

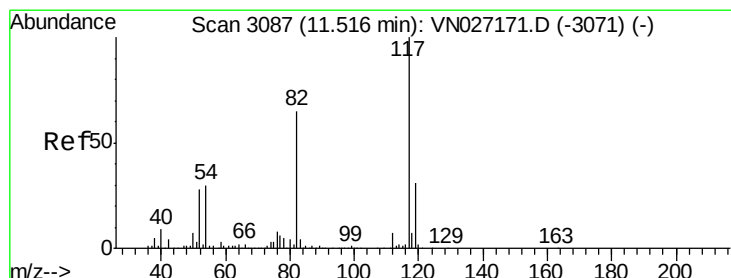
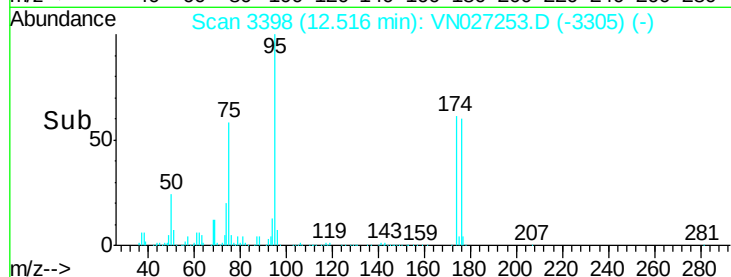
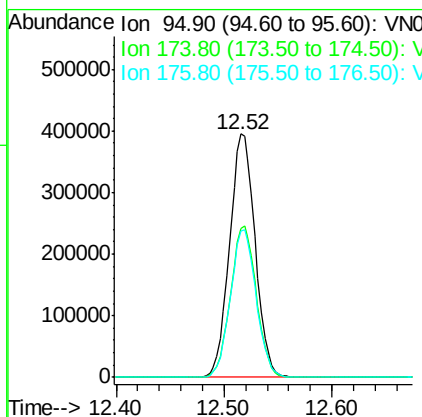
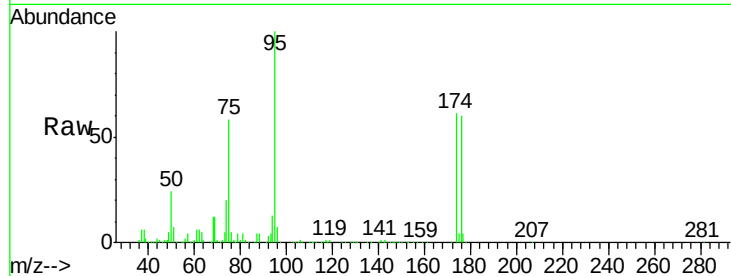




#63
 4-Bromofluorobenzene
 Concen: 49.37 ug/l
 RT: 12.52 min Scan# 3398
 Delta R.T. 0.00 min
 Lab File: VN027253.D
 Acq: 17 Sep 2015 14:17

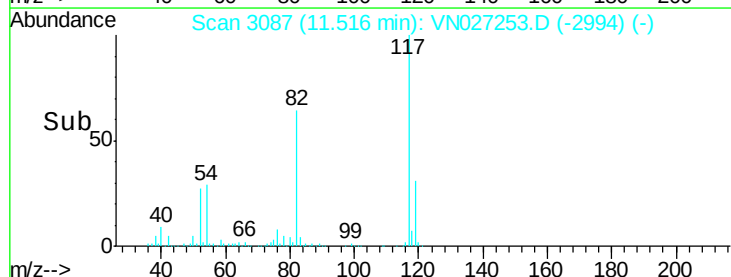
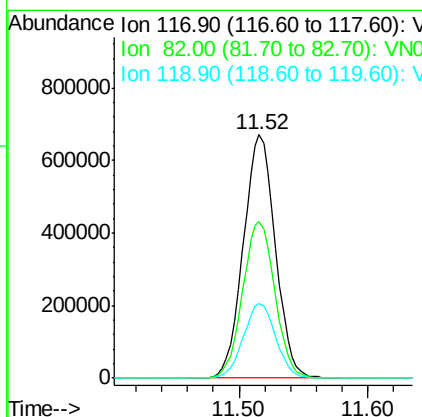
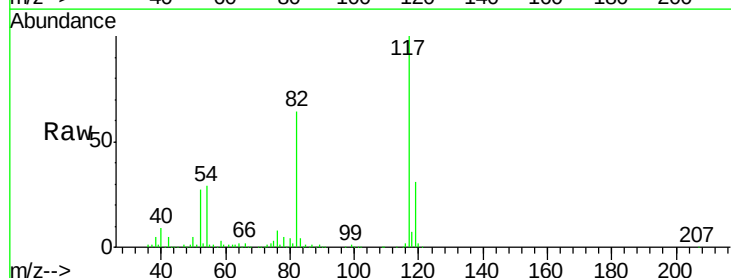
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 ClientSampleId :
 TRIPBLANK-9-12-15

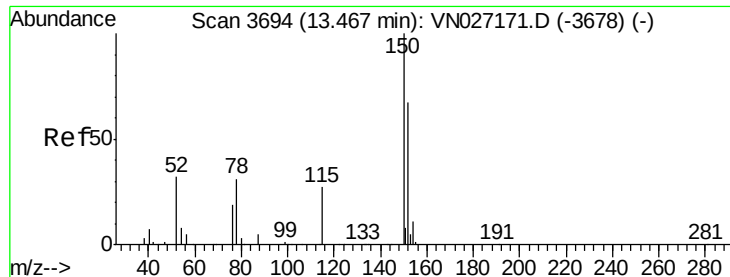
Tgt Ion: 95 Resp: 654466
 Ion Ratio Lower Upper
 95 100
 174 62.8 0.0 137.0
 176 60.9 0.0 130.8



#64
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.52 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: VN027253.D
 Acq: 17 Sep 2015 14:17

Tgt Ion: 117 Resp: 1152320
 Ion Ratio Lower Upper
 117 100
 82 64.3 49.6 74.4
 119 30.6 24.6 36.8

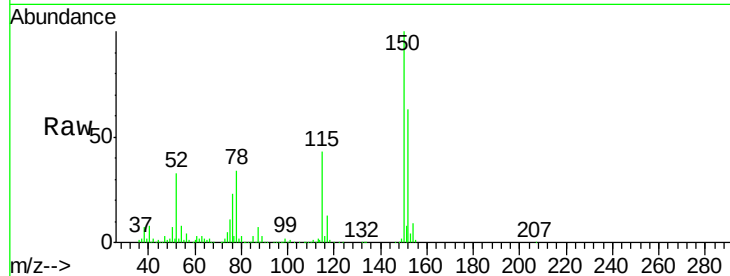




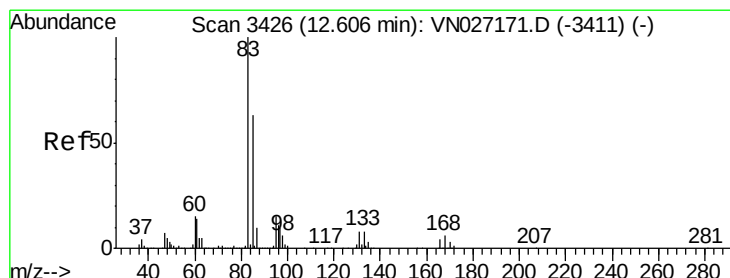
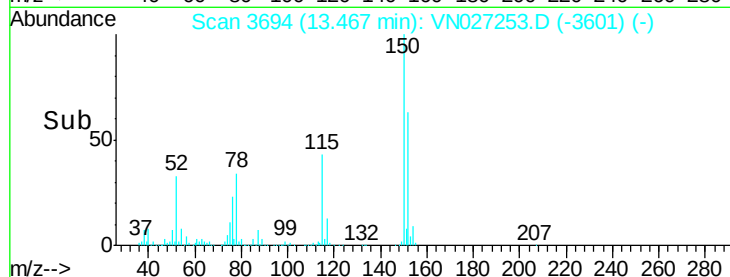
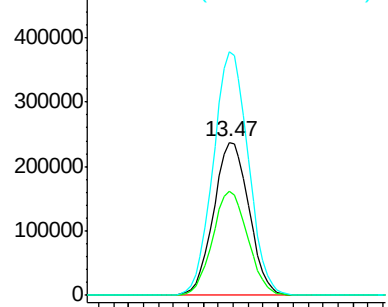
#73
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.47 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN027253.D
 Acq: 17 Sep 2015 14:17

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIPBLANK-9-12-15

Tgt Ion:152 Resp: 391731
 Ion Ratio Lower Upper
 152 100
 115 67.6 30.8 92.3
 150 158.0 0.0 345.0

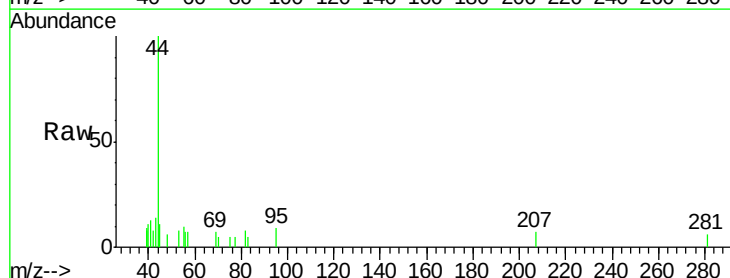


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

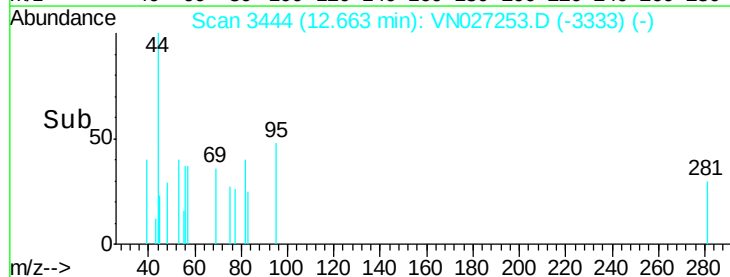
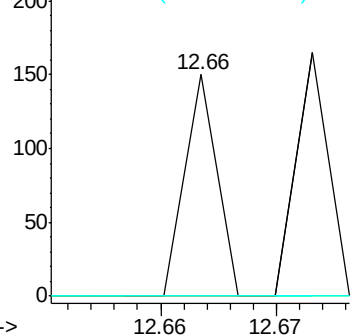


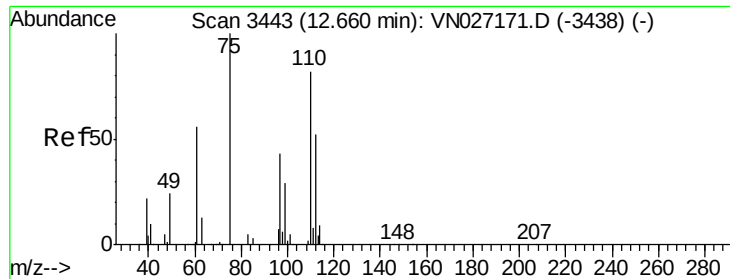
#76
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.66 min Scan# 3444
 Delta R.T. 0.06 min
 Lab File: VN027253.D
 Acq: 17 Sep 2015 14:17

Tgt Ion: 83 Resp: 29
 Ion Ratio Lower Upper
 83 100
 131 0.0 4.1 12.3#
 85 0.0 31.9 95.7#



Abundance Ion 82.90 (82.60 to 83.60): VN
 Ion 130.80 (130.50 to 131.50): V
 Ion 84.90 (84.60 to 85.60): VN





#77

1,2,3-Trichloropropane

Concen: 31.62 ug/l

RT: 12.52 min Scan# 3398

Delta R.T. -0.14 min

Lab File: VN027253.D

Acq: 17 Sep 2015 14:17

Instrument :

MSVOA_N

ClientSampleId :

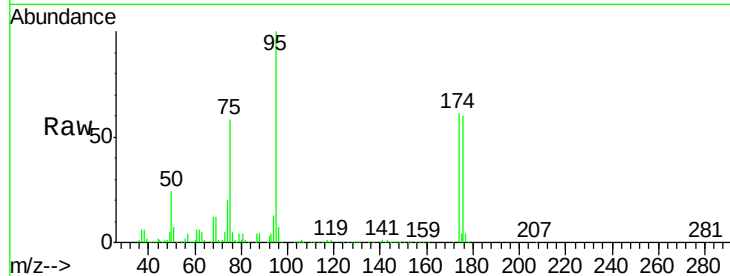
TRIPBLANK-9-12-15

Tgt Ion: 75 Resp: 374398

Ion Ratio Lower Upper

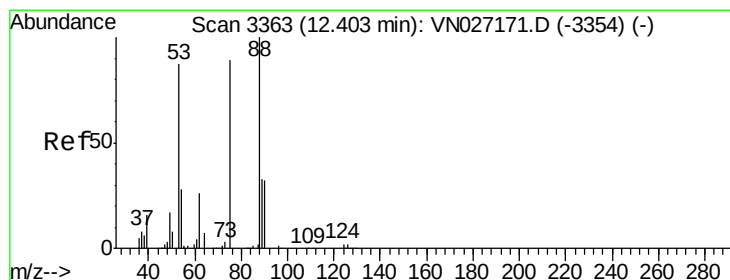
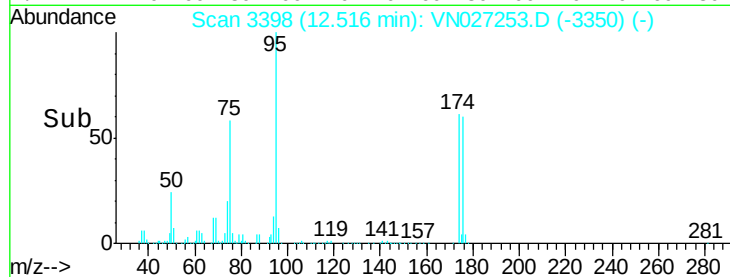
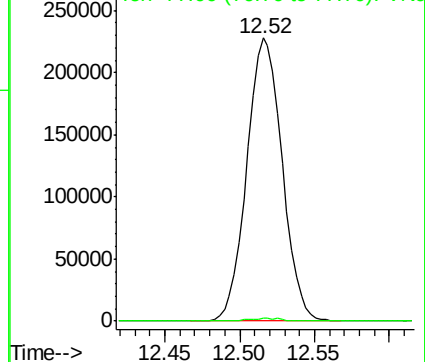
75 100

77 1.0 103.1 309.3#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#82

trans-1,4-Dichloro-2-butene

Concen: 77.68 ug/l

RT: 12.52 min Scan# 3398

Delta R.T. 0.11 min

Lab File: VN027253.D

Acq: 17 Sep 2015 14:17

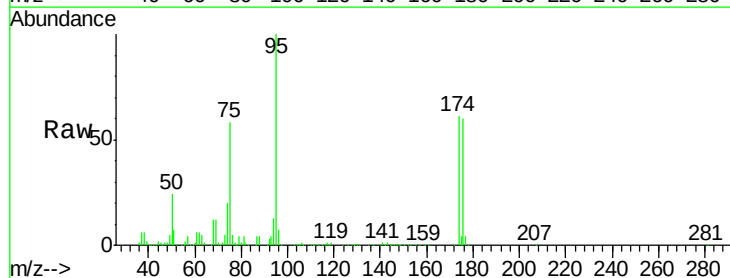
Tgt Ion: 75 Resp: 374398

Ion Ratio Lower Upper

75 100

53 0.0 92.9 139.3#

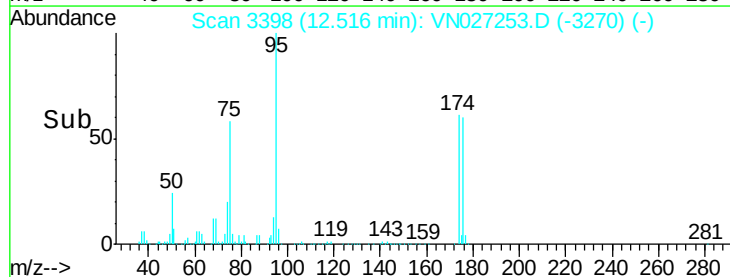
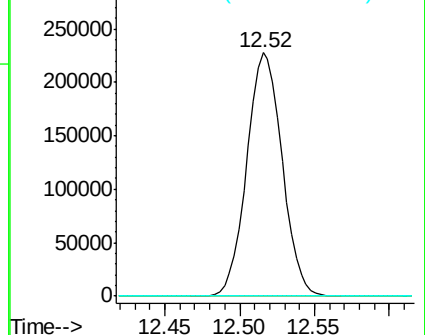
89 0.0 34.2 51.4#

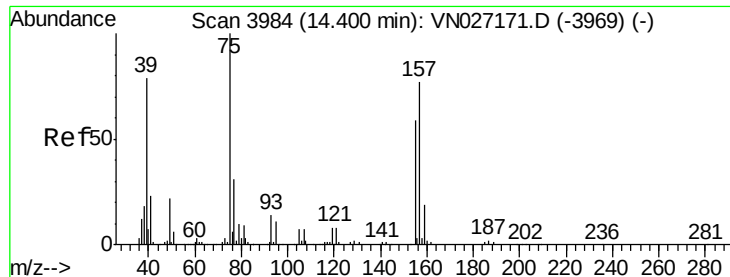


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#93

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.34 min Scan# 3965

Delta R.T. -0.06 min

Lab File: VN027253.D

Acq: 17 Sep 2015 14:17

Instrument :

MSVOA_N

ClientSampleId :

TRIPBLANK-9-12-15

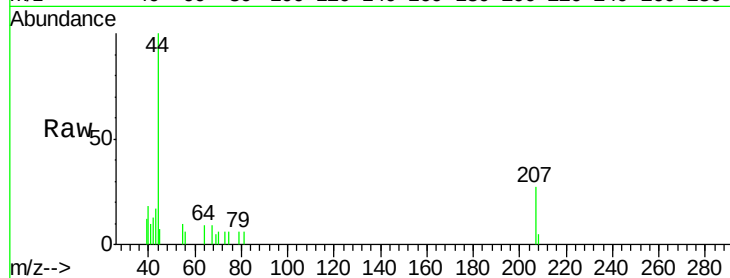
Tgt Ion: 75 Resp: 31

Ion Ratio Lower Upper

75 100

155 0.0 35.6 106.9#

157 0.0 44.6 133.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

14.34

150

100

50

0

14.33 14.34

Time-->

