

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091715\
 Data File : VN027247.D
 Acq On : 17 Sep 2015 11:31
 Operator : MD\FY
 Sample : G3704-16
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FIELDBLANK-9-15-15

Quant Time: Sep 18 01:10:53 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	756865	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1342335	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1094375	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	338685	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	735831	47.45	ug/l	0.00
Spiked Amount			Recovery	=	94.90%	
36) Dibromofluoromethane	7.68	113	485766	52.21	ug/l	0.00
Spiked Amount			Recovery	=	104.42%	
51) Toluene-d8	10.19	98	1962745	53.87	ug/l	0.00
Spiked Amount			Recovery	=	107.74%	
63) 4-Bromofluorobenzene	12.52	95	598042	46.25	ug/l	0.00
Spiked Amount			Recovery	=	92.50%	

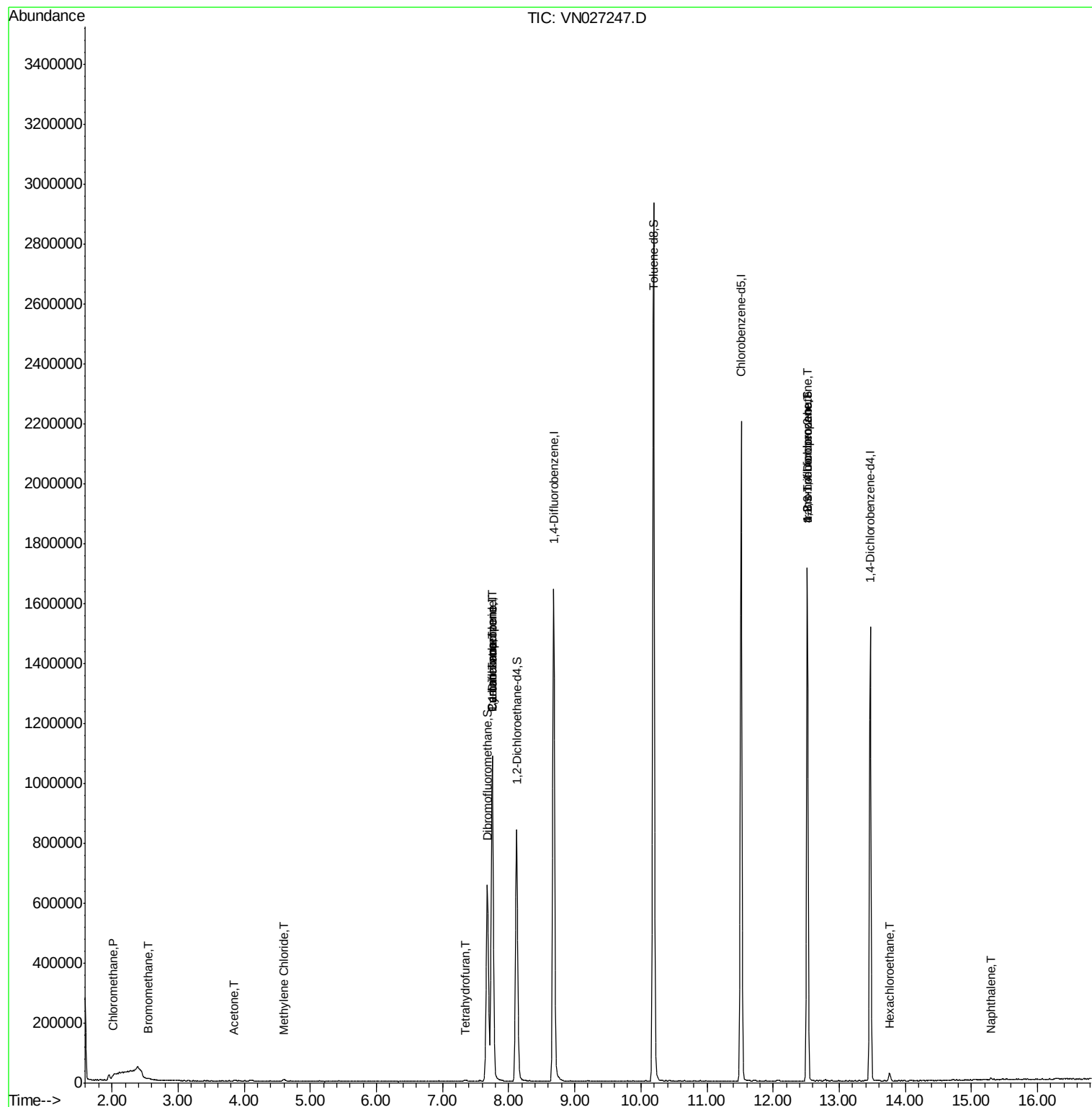
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Chloromethane	2.01	50	2367	1.34	ug/l	94
6) Bromomethane	2.55	94	996	1.78	ug/l	91
17) Acetone	3.85	43	8378	2.00	ug/l	91
21) Methylene Chloride	4.59	84	3350	0.29	ug/l #	81
30) Tetrahydrofuran	7.34	42	3575	0.82	ug/l #	57
32) Cyclohexane	7.75	56	24211	0.22	ug/l #	6
37) 1,1-Dichloropropene	7.75	75	78881	5.02	ug/l #	43
38) Ethyl Acetate	7.05	43	426	Below Cal	#	71
39) Carbon Tetrachloride	7.75	117	85157	5.76	ug/l #	16
76) 1,1,2,2-Tetrachloroethane	12.61	83	116	Below Cal	#	25
77) 1,2,3-Trichloropropane	12.52	75	339576	33.18	ug/l #	1
82) trans-1,4-Dichloro-2-buten	12.52	75	339576	81.49	ug/l #	4
91) Hexachloroethane	13.76	117	1440	0.24	ug/l #	15
93) 1,2-Dibromo-3-Chloropropan	14.40	75	84	Below Cal	#	9
96) Naphthalene	15.29	128	5403	0.28	ug/l #	84

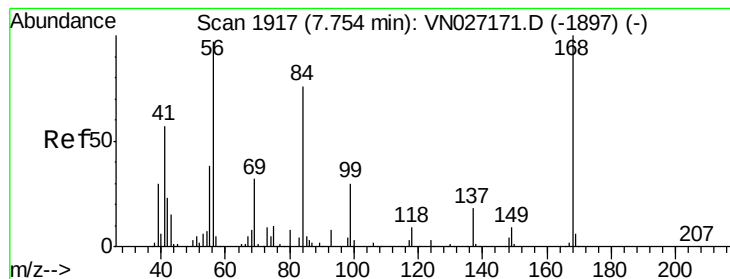
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VN027247.D

Acq: 17 Sep 2015 11:31

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MSVOA_N

ClientSampleId :

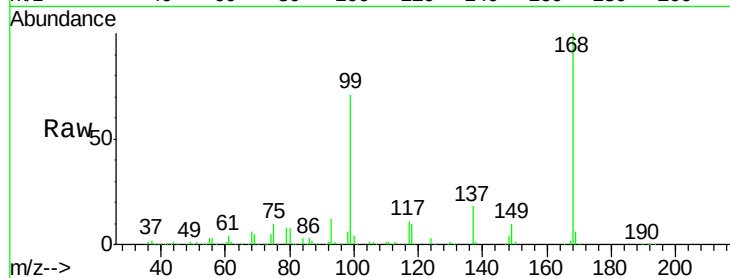
FIELDBLANK-9-15-15

Tgt Ion:168 Resp: 756865

Ion Ratio Lower Upper

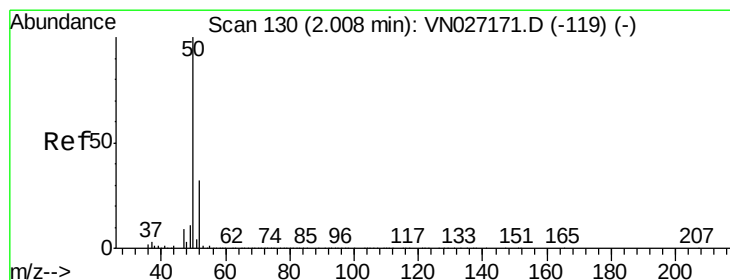
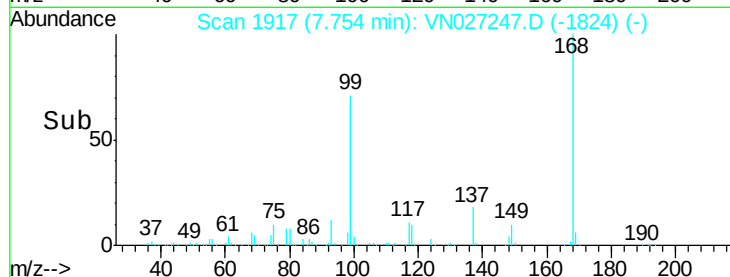
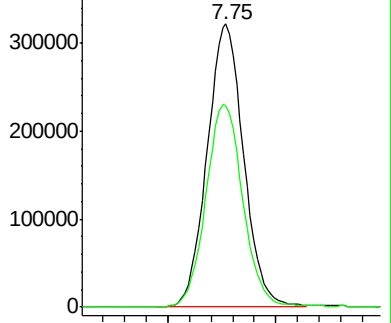
168 100

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



#4

Chloromethane

Concen: 1.34 ug/l

RT: 2.01 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN027247.D

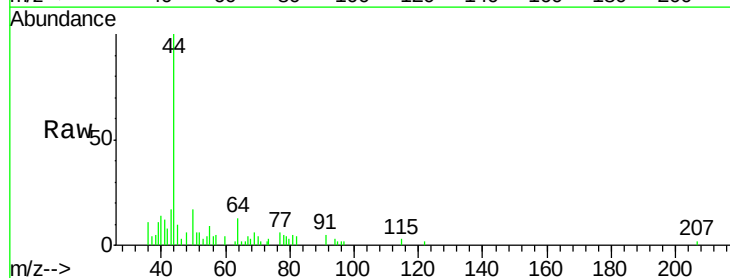
Acq: 17 Sep 2015 11:31

Tgt Ion: 50 Resp: 2367

Ion Ratio Lower Upper

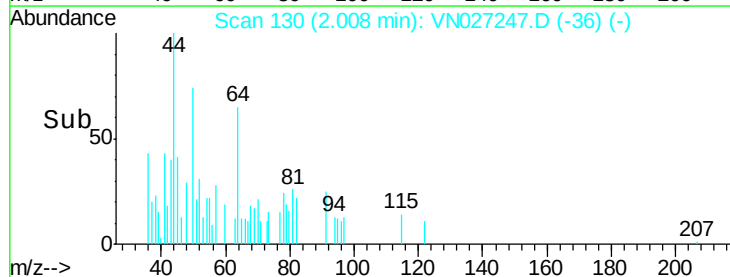
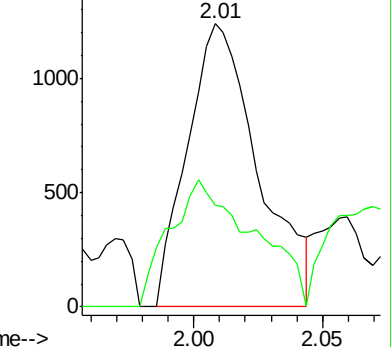
50 100

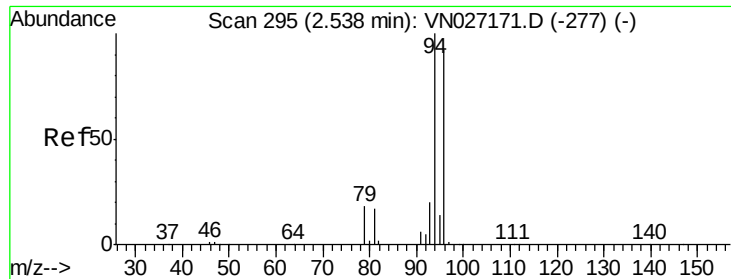
52 35.9 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO





#6

Bromomethane

Concen: 1.78 ug/l

RT: 2.55 min Scan# 300

Delta R.T. 0.02 min

Lab File: VN027247.D

Acq: 17 Sep 2015 11:31

Instrument :

MSVOA_N

ClientSampleId :

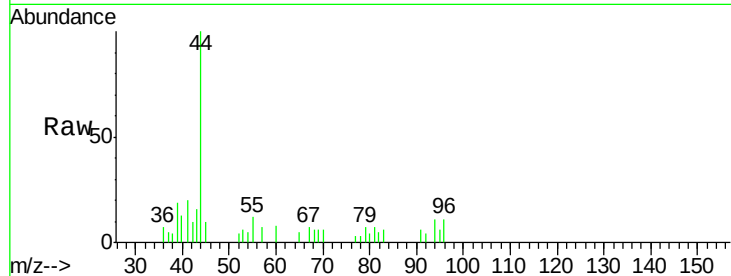
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Tgt Ion: 94 Resp: 996

Ion Ratio Lower Upper

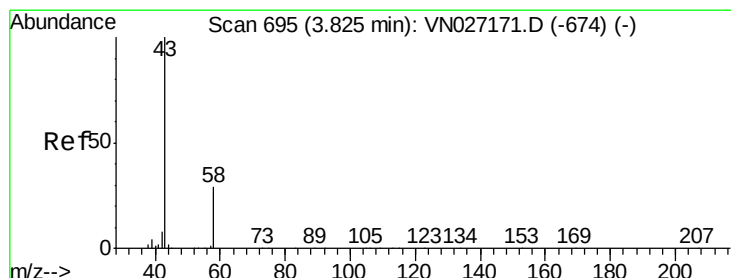
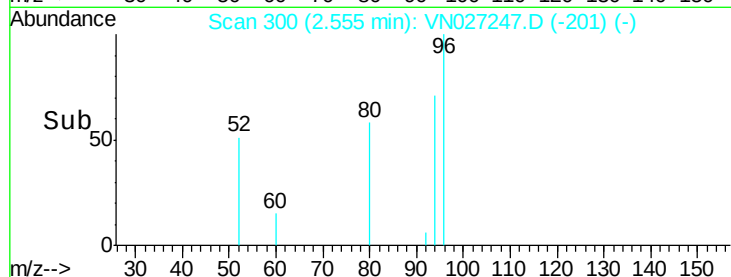
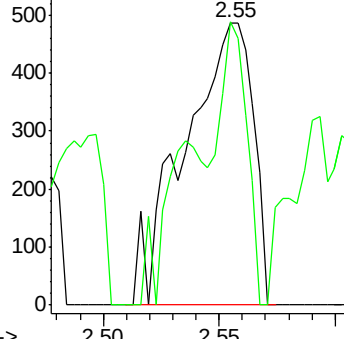
94 100

96 100.2 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#17

Acetone

Concen: 2.00 ug/l

RT: 3.85 min Scan# 704

Delta R.T. 0.03 min

Lab File: VN027247.D

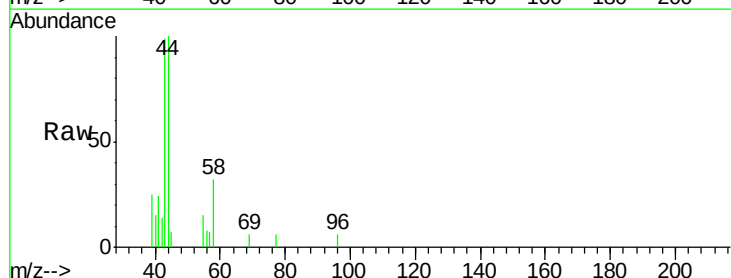
Acq: 17 Sep 2015 11:31

Tgt Ion: 43 Resp: 8378

Ion Ratio Lower Upper

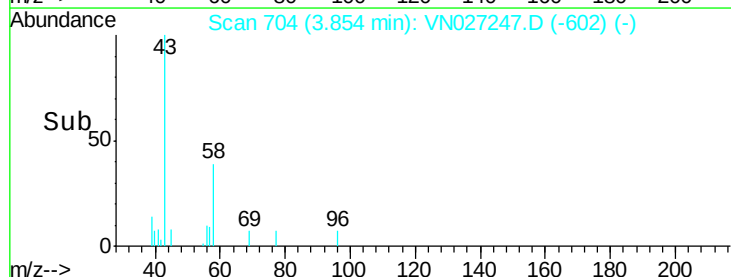
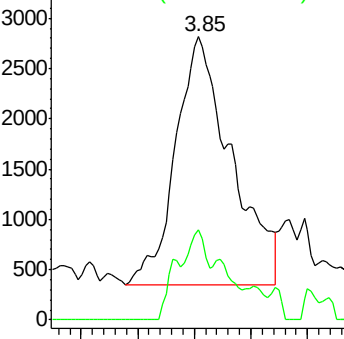
43 100

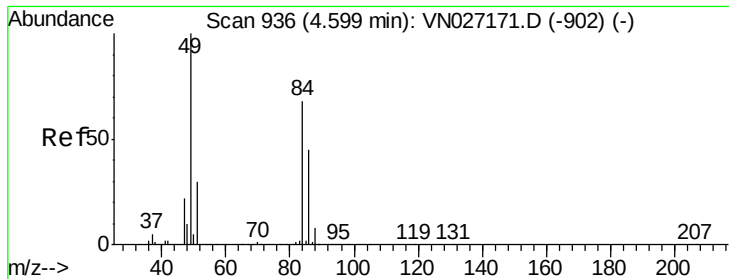
58 36.6 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

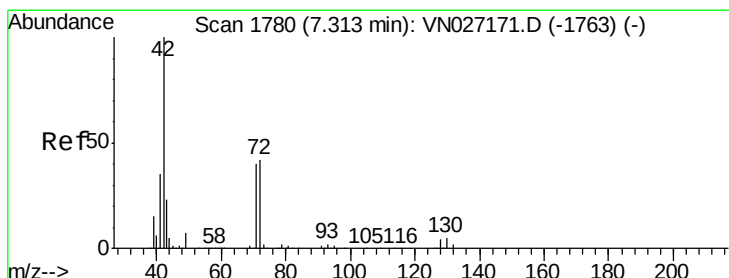
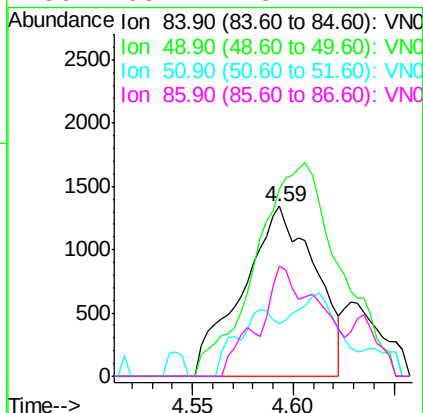
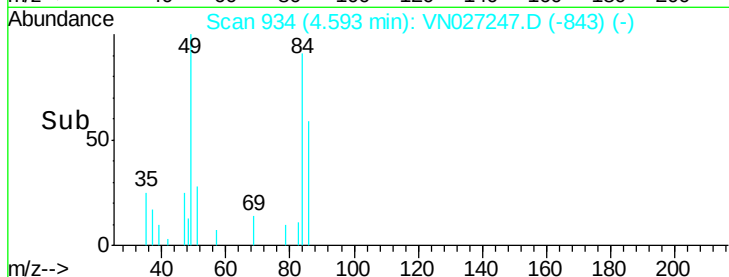
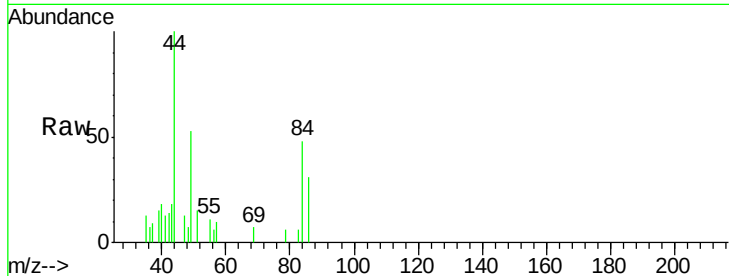




#21
Methylene Chloride
Concen: 0.29 ug/l
RT: 4.59 min Scan# 934
Delta R.T. -0.01 min
Lab File: VN027247.D
Acq: 17 Sep 2015 11:31

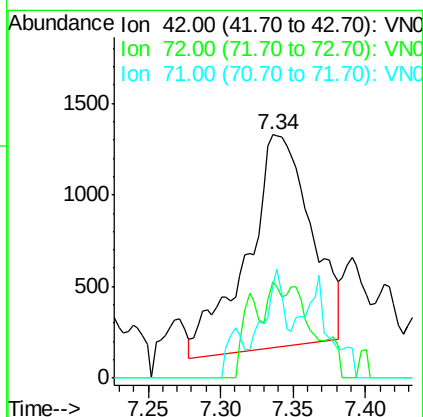
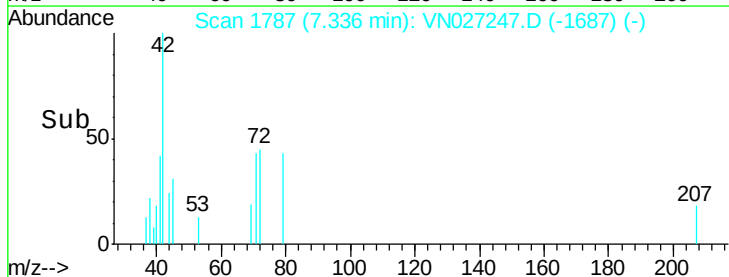
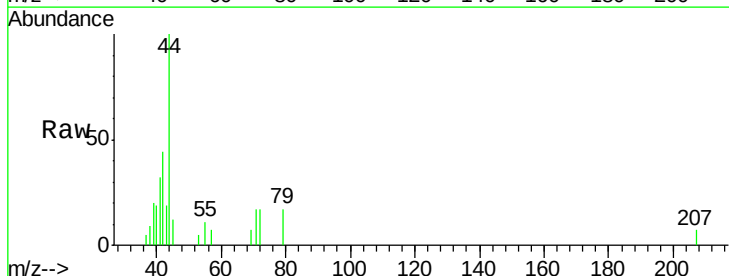
Instrument :
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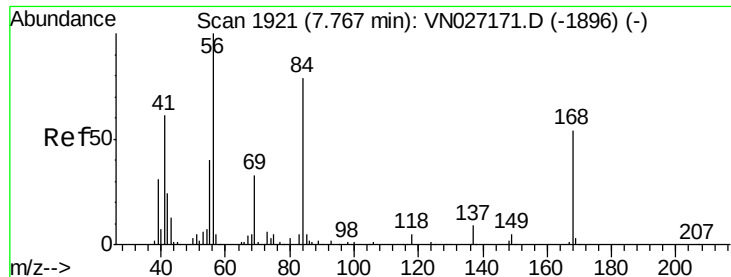
Tgt Ion:	84	Resp:	3350
Ion	Ratio	Lower	Upper
84	100		
49	110.1	112.3	168.5#
51	30.6	33.8	50.8#
86	65.2	48.2	72.4



#30
Tetrahydrofuran
Concen: 0.82 ug/l
RT: 7.34 min Scan# 1787
Delta R.T. 0.02 min
Lab File: VN027247.D
Acq: 17 Sep 2015 11:31

Tgt Ion:	42	Resp:	3575
Ion	Ratio	Lower	Upper
42	100		
72	3.9	29.9	44.9#
71	18.4	28.3	42.5#

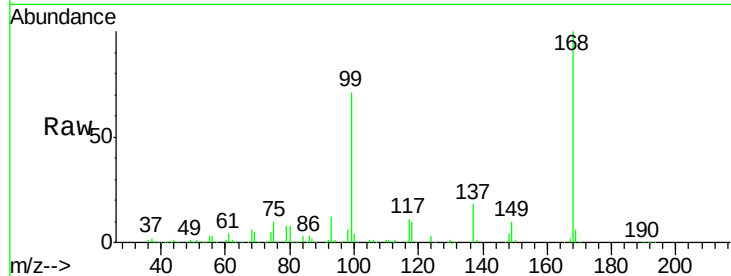




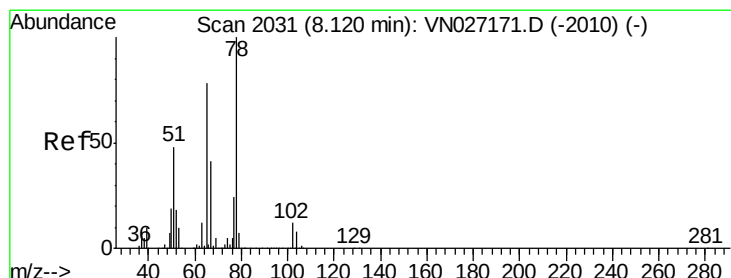
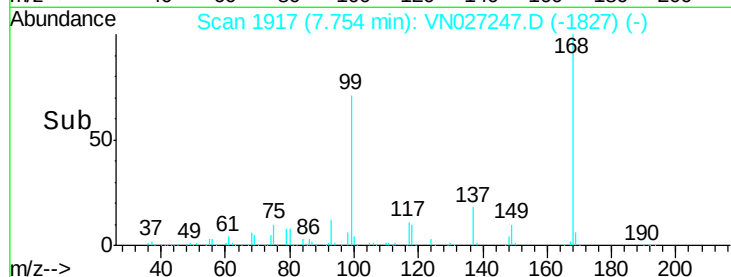
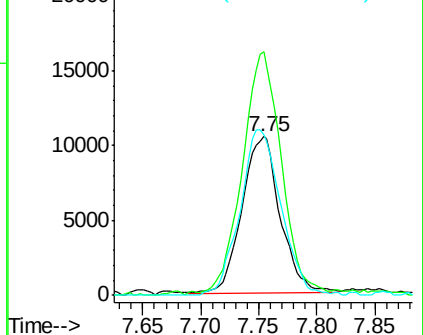
#32
Cyclohexane
Concen: 0.22 ug/l
RT: 7.75 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VN027247.D
Acq: 17 Sep 2015 11:31

Instrument :
MSVOA_N
ClientSampleId :
FIELDBLANK-9-15-15

Tgt Ion: 56 Resp: 24211
Ion Ratio Lower Upper
56 100
69 154.3 23.0 34.4#
84 103.3 57.8 86.8#

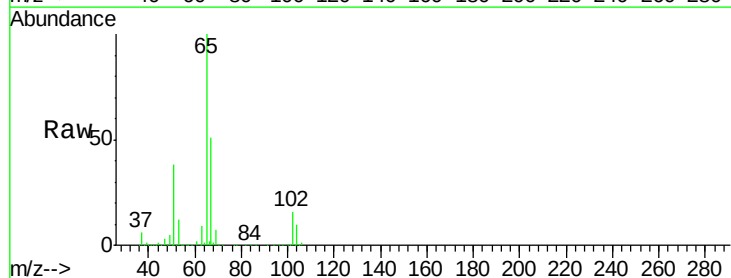


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

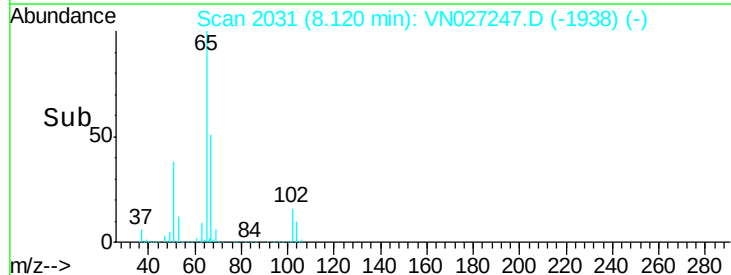
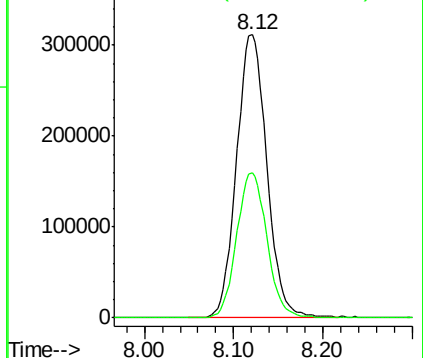


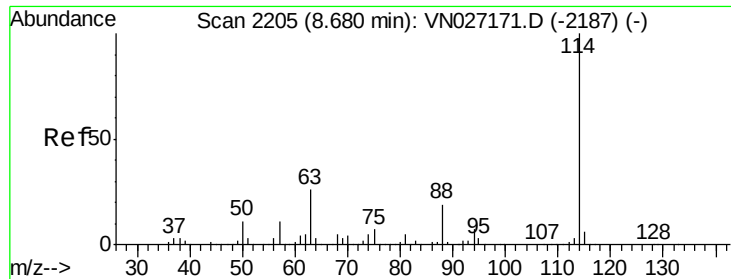
#34
1,2-Dichloroethane-d4
Concen: 47.45 ug/l
RT: 8.12 min Scan# 2031
Delta R.T. 0.00 min
Lab File: VN027247.D
Acq: 17 Sep 2015 11:31

Tgt Ion: 65 Resp: 735831
Ion Ratio Lower Upper
65 100
67 51.2 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

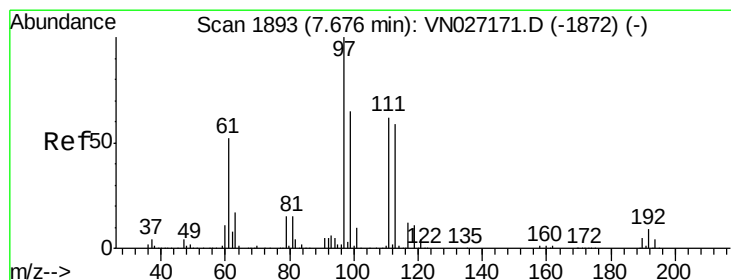
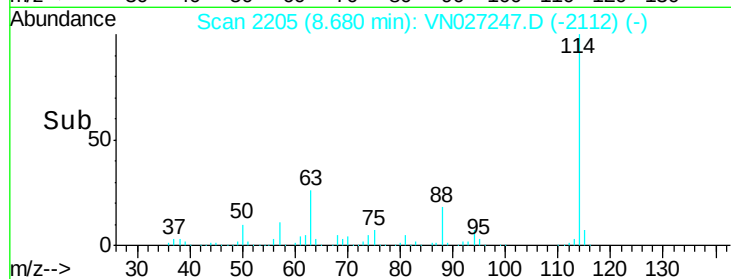
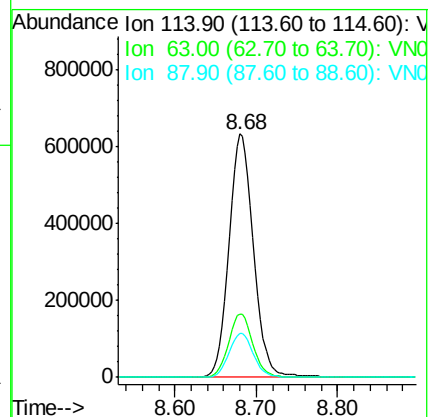
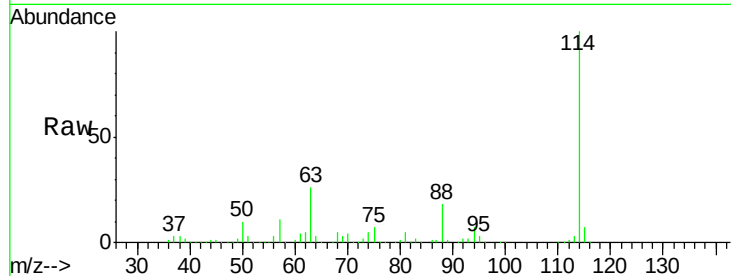




#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: VN027247.D
 Acq: 17 Sep 2015 11:31

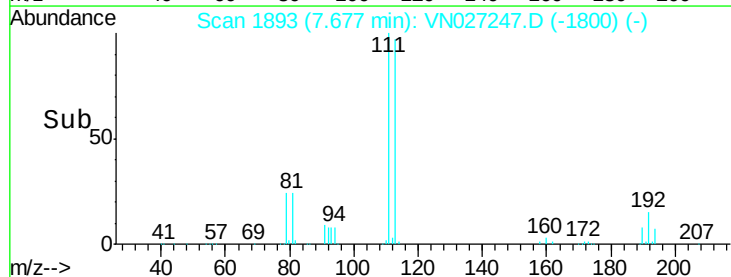
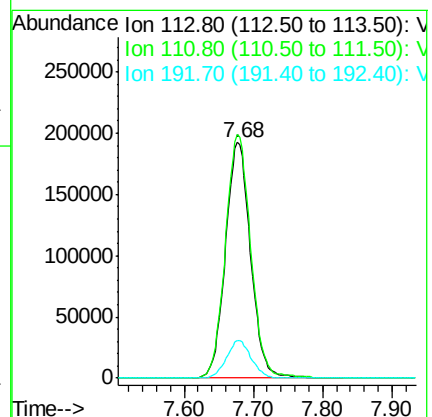
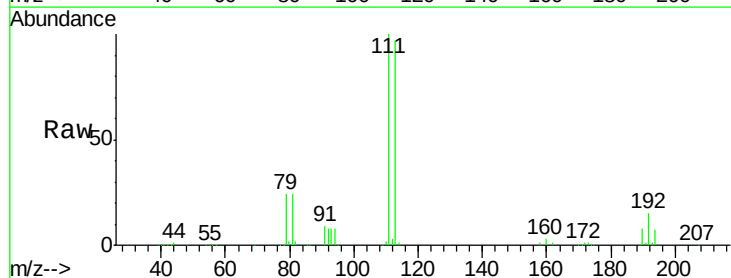
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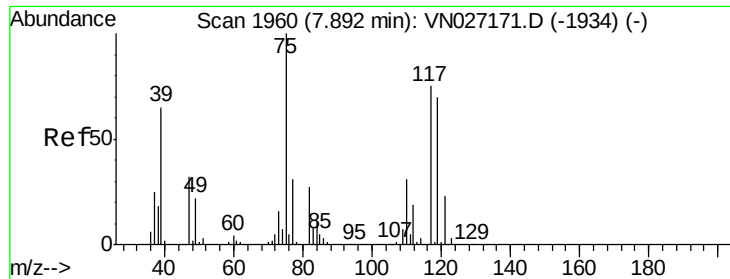
Tgt Ion:114 Resp: 1342335
 Ion Ratio Lower Upper
 114 100
 63 26.2 0.0 48.8
 88 17.9 0.0 32.2



#36
 Dibromofluoromethane
 Concen: 52.21 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027247.D
 Acq: 17 Sep 2015 11:31

Tgt Ion:113 Resp: 485766
 Ion Ratio Lower Upper
 113 100
 111 104.4 83.0 124.4
 192 15.7 14.1 21.1

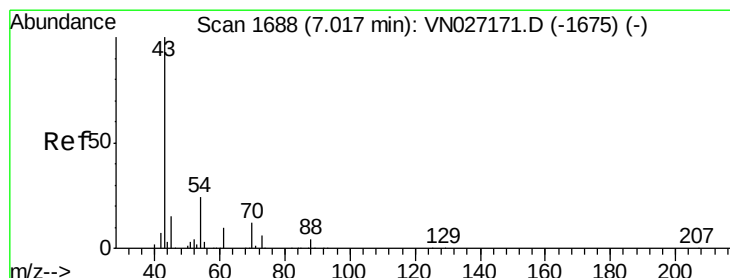
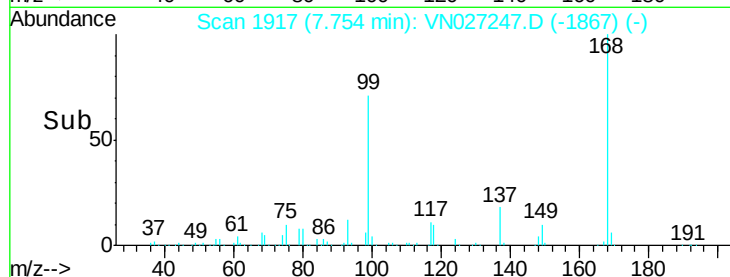
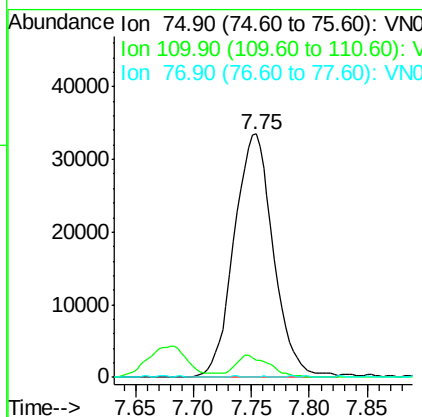
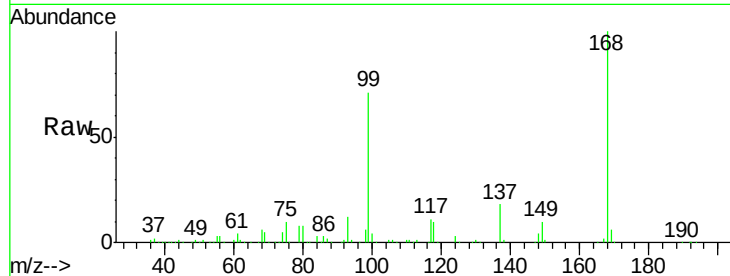




#37
 1,1-Dichloropropene
 Concen: 5.02 ug/l
 RT: 7.75 min Scan# 1917
 Delta R.T. -0.14 min
 Lab File: VN027247.D
 Acq: 17 Sep 2015 11:31

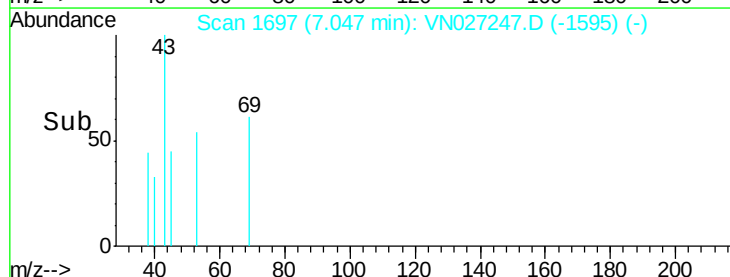
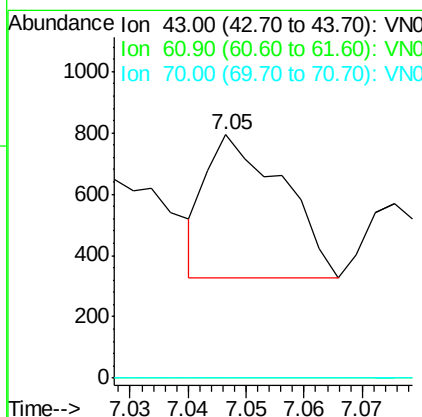
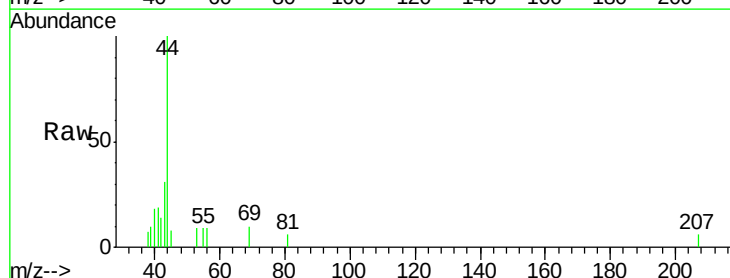
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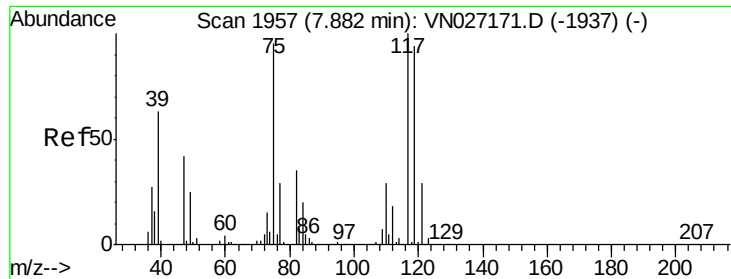
Tgt Ion: 75 Resp: 78881
 Ion Ratio Lower Upper
 75 100
 110 0.0 15.9 47.7#
 77 0.0 24.9 37.3#



#38
 Ethyl Acetate
 Concen: Below Cal
 RT: 7.05 min Scan# 1697
 Delta R.T. 0.03 min
 Lab File: VN027247.D
 Acq: 17 Sep 2015 11:31

Tgt Ion: 43 Resp: 426
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.2 15.4#
 70 0.0 7.4 11.0#

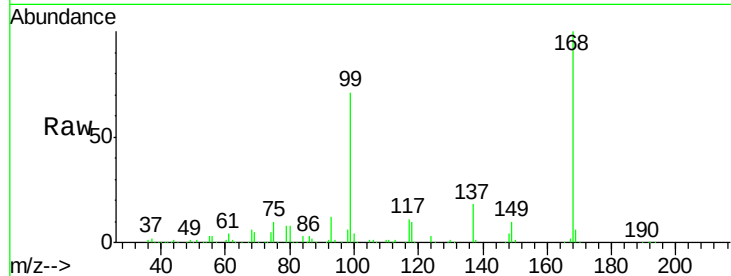




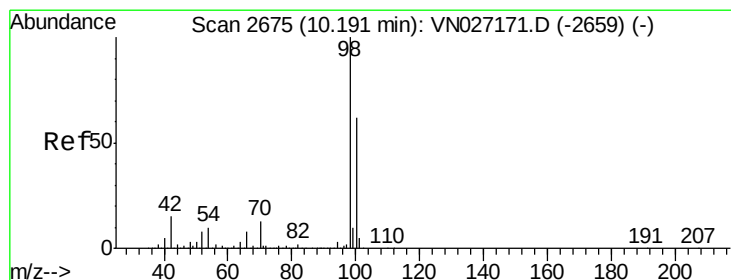
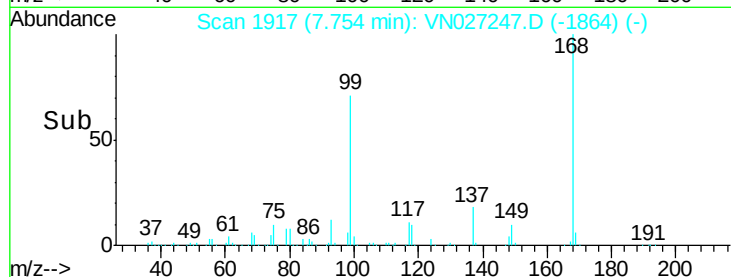
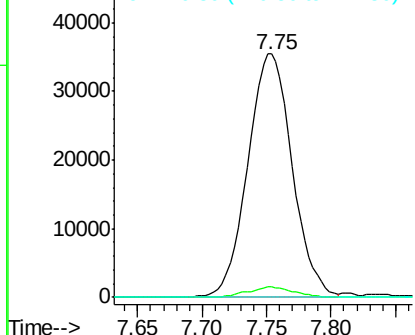
#39
Carbon Tetrachloride
Concen: 5.76 ug/l
RT: 7.75 min Scan# 1917
Delta R.T. -0.13 min
Lab File: VN027247.D
Acq: 17 Sep 2015 11:31

Instrument :
MSVOA_N
ClientSampleId :
FIELDBLANK-9-15-15

Tgt Ion:117 Resp: 85157
Ion Ratio Lower Upper
117 100
119 4.2 75.3 112.9#
121 0.0 23.8 35.8#

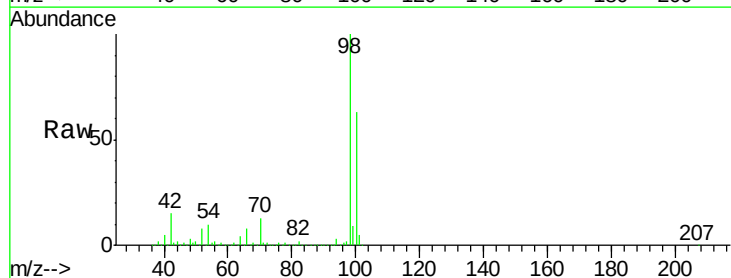


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

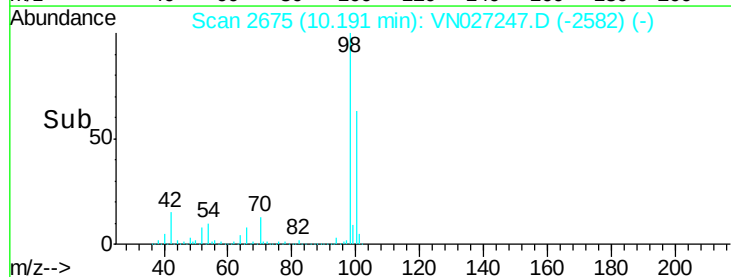
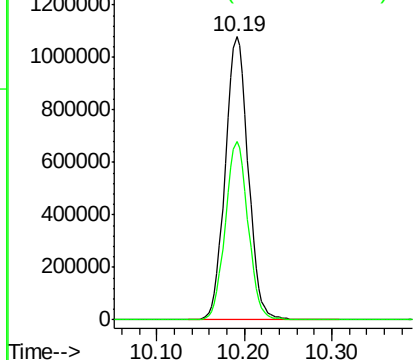


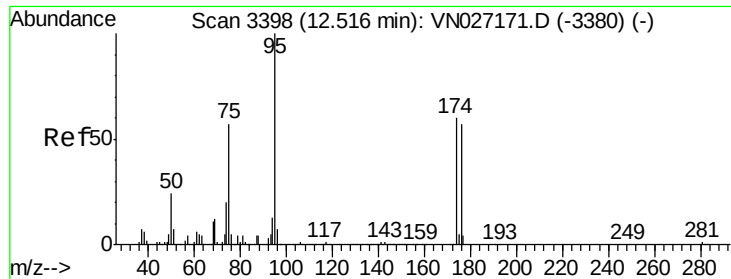
#51
Toluene-d8
Concen: 53.87 ug/l
RT: 10.19 min Scan# 2675
Delta R.T. 0.00 min
Lab File: VN027247.D
Acq: 17 Sep 2015 11:31

Tgt Ion: 98 Resp: 1962745
Ion Ratio Lower Upper
98 100
100 62.7 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN
Ion 100.00 (99.70 to 100.70): VN

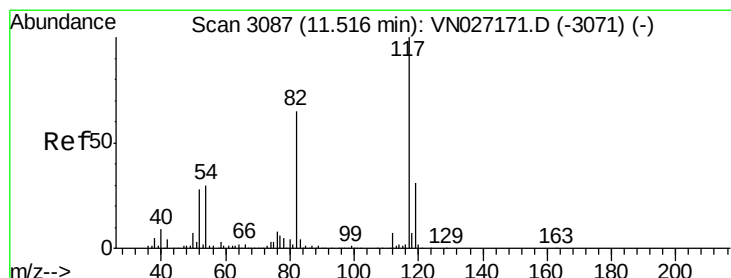
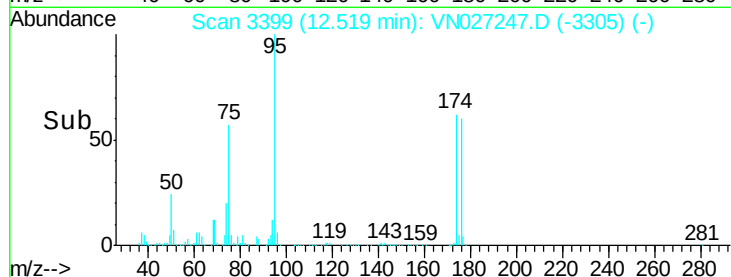
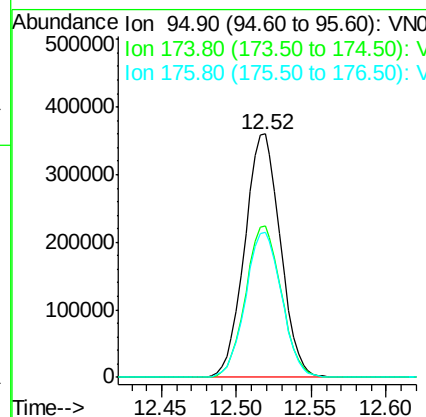
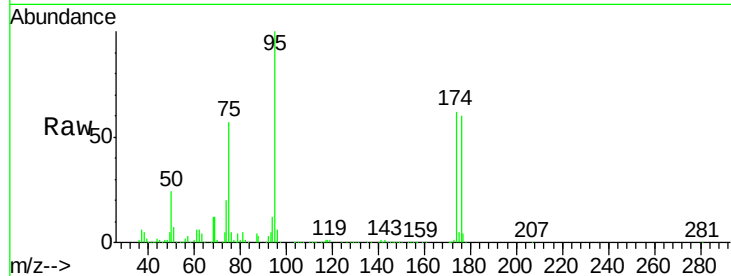




#63
4-Bromofluorobenzene
Concen: 46.25 ug/l
RT: 12.52 min Scan# 3399
Delta R.T. 0.00 min
Lab File: VN027247.D
Acq: 17 Sep 2015 11:31

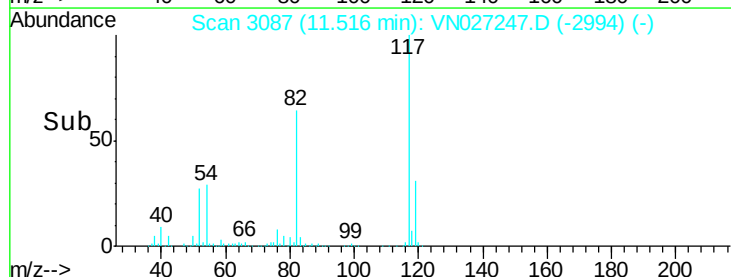
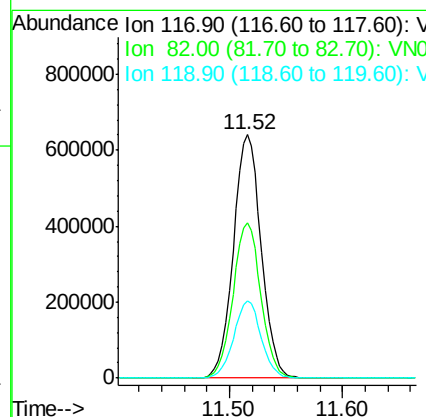
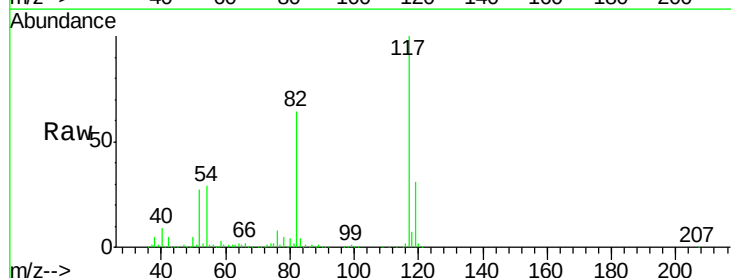
Instrument :
MSVOA_N
ClientSampleId :
FIELDBLANK-9-15-15

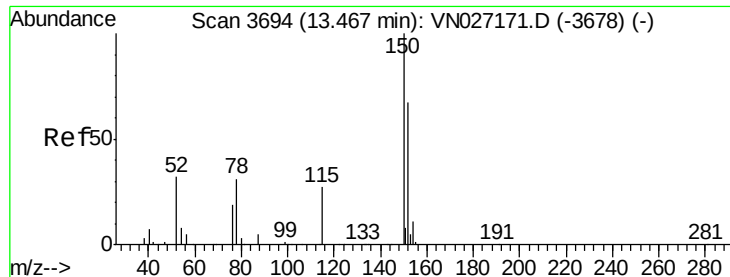
Tgt Ion: 95 Resp: 598042
Ion Ratio Lower Upper
95 100
174 62.3 0.0 137.0
176 60.3 0.0 130.8



#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027247.D
Acq: 17 Sep 2015 11:31

Tgt Ion: 117 Resp: 1094375
Ion Ratio Lower Upper
117 100
82 63.6 49.6 74.4
119 31.5 24.6 36.8

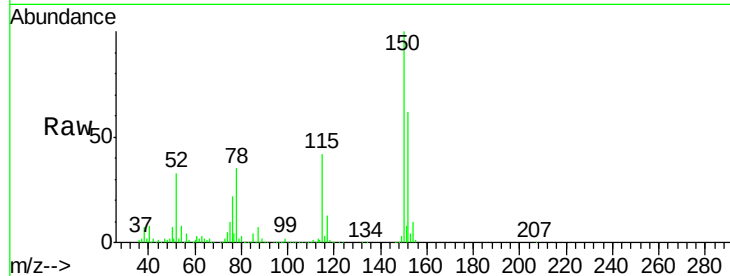




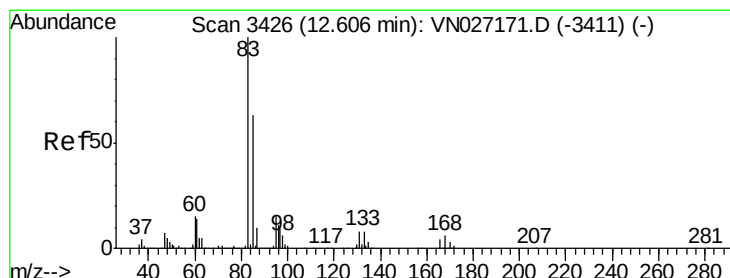
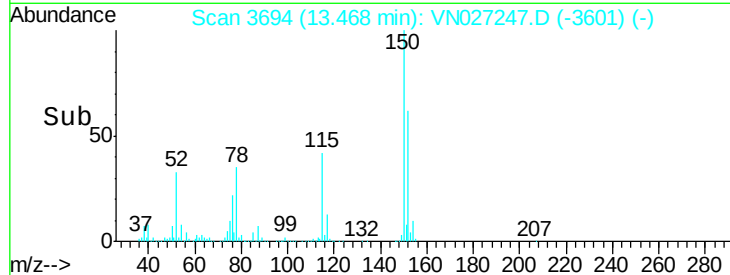
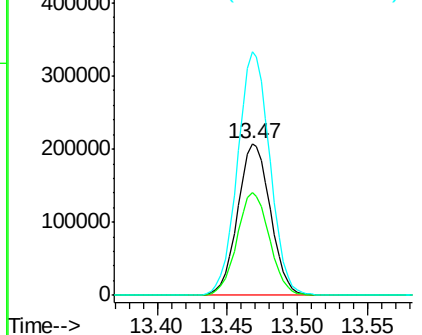
#73
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.47 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN027247.D
 Acq: 17 Sep 2015 11:31

Instrument :
 MSVOA_N
 ClientSampleId :
 FIELDBLANK-9-15-15

Tgt Ion:152 Resp: 338685
 Ion Ratio Lower Upper
 152 100
 115 67.3 30.8 92.3
 150 158.2 0.0 345.0

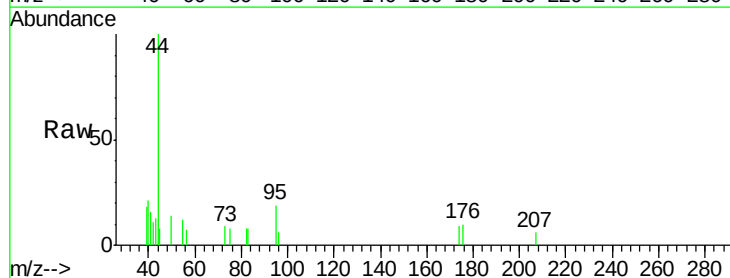


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

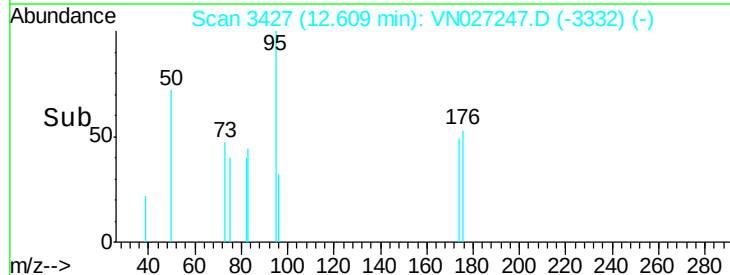
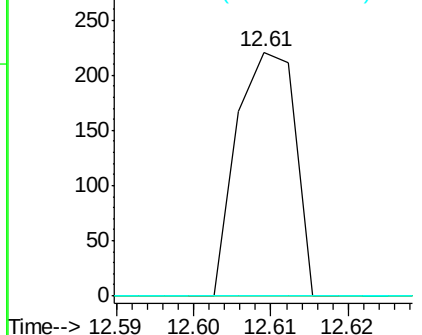


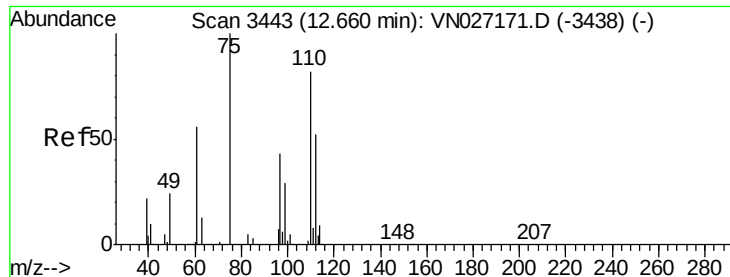
#76
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.61 min Scan# 3427
 Delta R.T. 0.00 min
 Lab File: VN027247.D
 Acq: 17 Sep 2015 11:31

Tgt Ion: 83 Resp: 116
 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): VNO
 Ion 130.80 (130.50 to 131.50): V
 Ion 84.90 (84.60 to 85.60): VNO

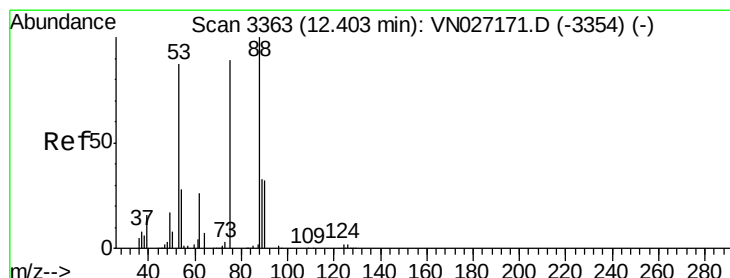
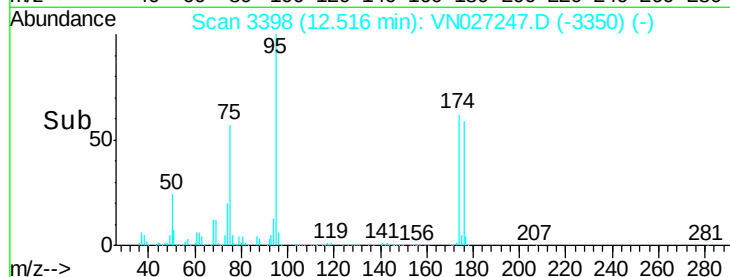
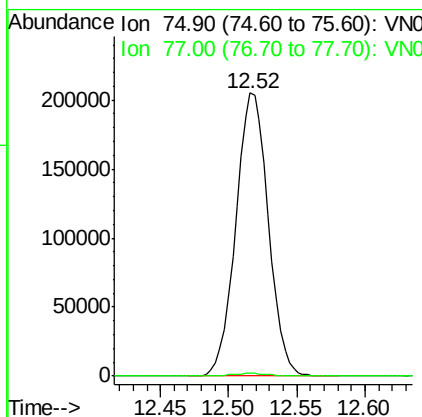
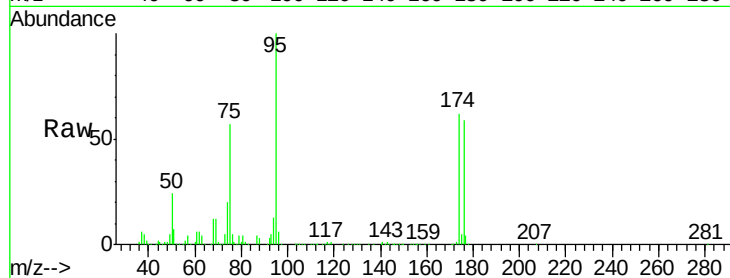




#77
 1,2,3-Trichloropropane
 Concen: 33.18 ug/l
 RT: 12.52 min Scan# 3398
 Delta R.T. -0.14 min
 Lab File: VN027247.D
 Acq: 17 Sep 2015 11:31

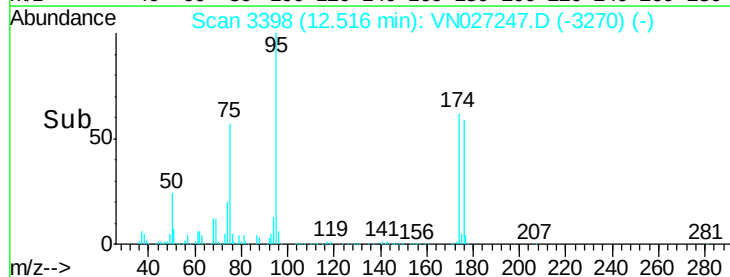
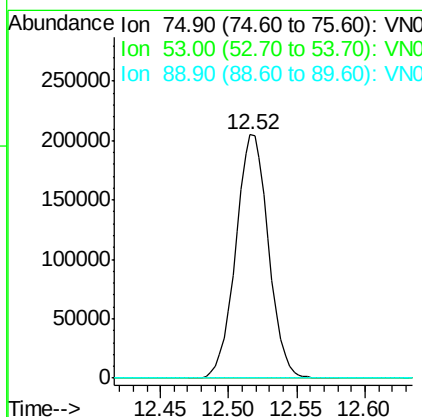
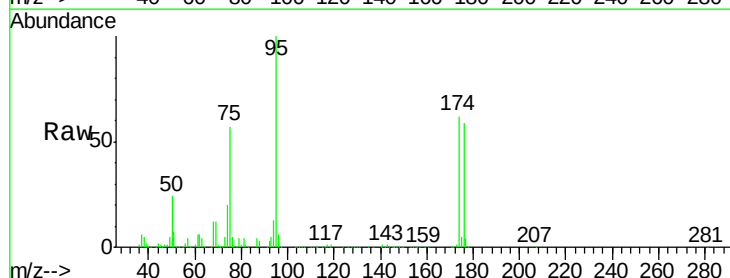
Instrument :
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 ClientSampleId :
 FIELDBLANK-9-15-15

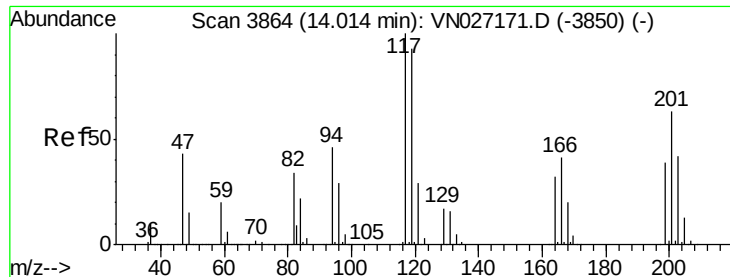
Tgt Ion: 75 Resp: 339576
 Ion Ratio Lower Upper
 75 100
 77 1.2 103.1 309.3#



#82
 trans-1,4-Dichloro-2-butene
 Concen: 81.49 ug/l
 RT: 12.52 min Scan# 3398
 Delta R.T. 0.11 min
 Lab File: VN027247.D
 Acq: 17 Sep 2015 11:31

Tgt Ion: 75 Resp: 339576
 Ion Ratio Lower Upper
 75 100
 53 0.1 92.9 139.3#
 89 0.0 34.2 51.4#





#91

Hexachloroethane

Concen: 0.24 ug/l

RT: 13.76 min Scan# 3786

Delta R.T. -0.25 min

Lab File: VN027247.D

Acq: 17 Sep 2015 11:31

Instrument :

MSVOA_N

ClientSampleId :

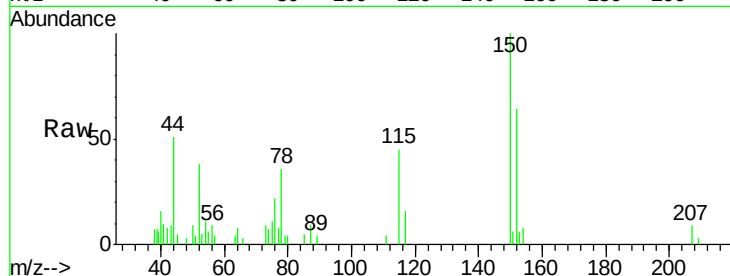
FIELDBLANK-9-15-15

Tgt Ion:117 Resp: 1440

Ion Ratio Lower Upper

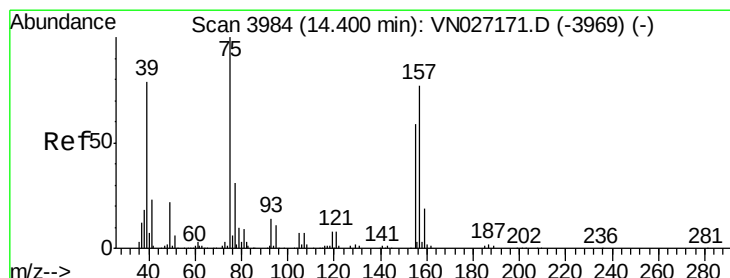
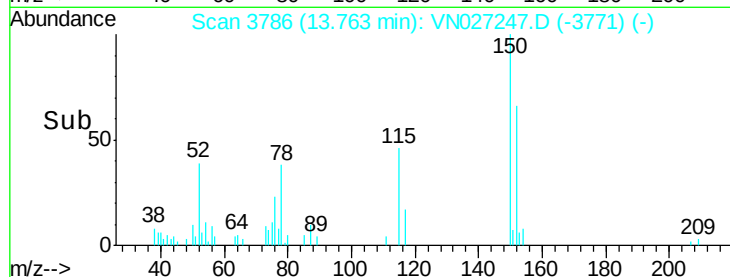
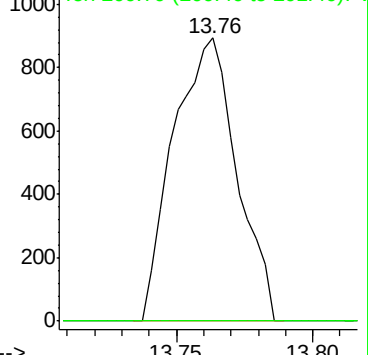
117 100

201 0.0 34.9 104.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.40 min Scan# 3984

Delta R.T. 0.00 min

Lab File: VN027247.D

Acq: 17 Sep 2015 11:31

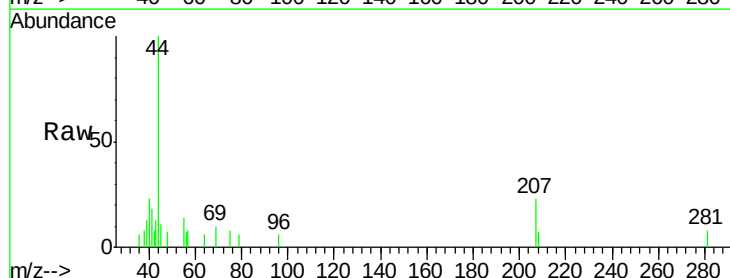
Tgt Ion: 75 Resp: 84

Ion Ratio Lower Upper

75 100

155 0.0 35.6 106.9#

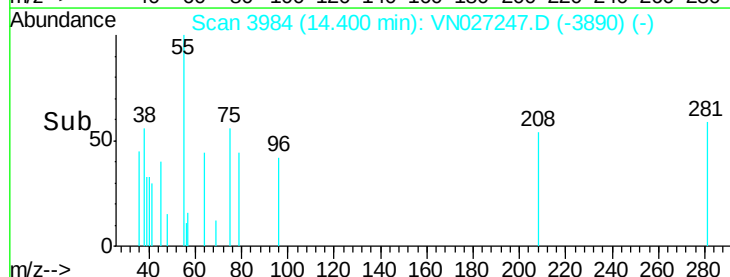
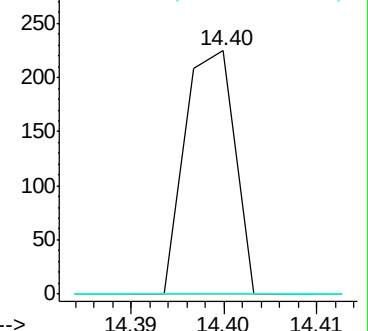
157 0.0 44.6 133.8#

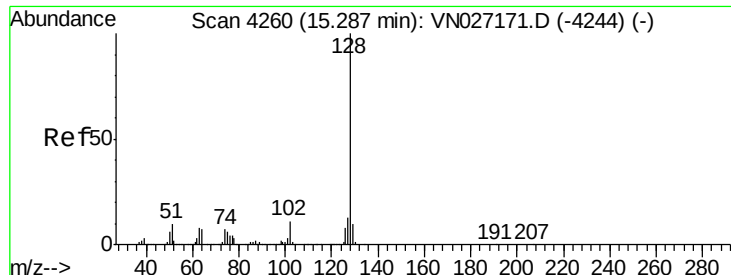


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#96

Naphthalene

Concen: 0.28 ug/l

RT: 15.29 min Scan# 4261

Delta R.T. 0.00 min

Lab File: VN027247.D

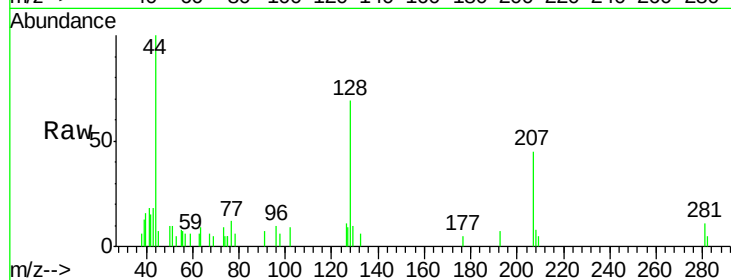
Acq: 17 Sep 2015 11:31

Instrument :

MSVOA_N

ClientSampleId :

FIELDBLANK-9-15-15



Tgt Ion:128 Resp: 5403

Ion Ratio Lower Upper

128 100

127 5.8 10.4 15.6#

129 5.8 8.6 12.8#

