

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091715\
 Data File : VN027274.D
 Acq On : 18 Sep 2015 00:52
 Operator : MD\FY
 Sample : G3706-11
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB091616

Quant Time: Sep 18 06:43:42 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	725240	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1308774	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1078431	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	363854	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	721226	48.54	ug/l	0.00
Spiked Amount			Recovery	=	97.08%	
36) Dibromofluoromethane	7.68	113	465198	51.28	ug/l	0.00
Spiked Amount			Recovery	=	102.56%	
51) Toluene-d8	10.19	98	1888738	53.17	ug/l	0.00
Spiked Amount			Recovery	=	106.34%	
63) 4-Bromofluorobenzene	12.52	95	617228	48.96	ug/l	0.00
Spiked Amount			Recovery	=	97.92%	

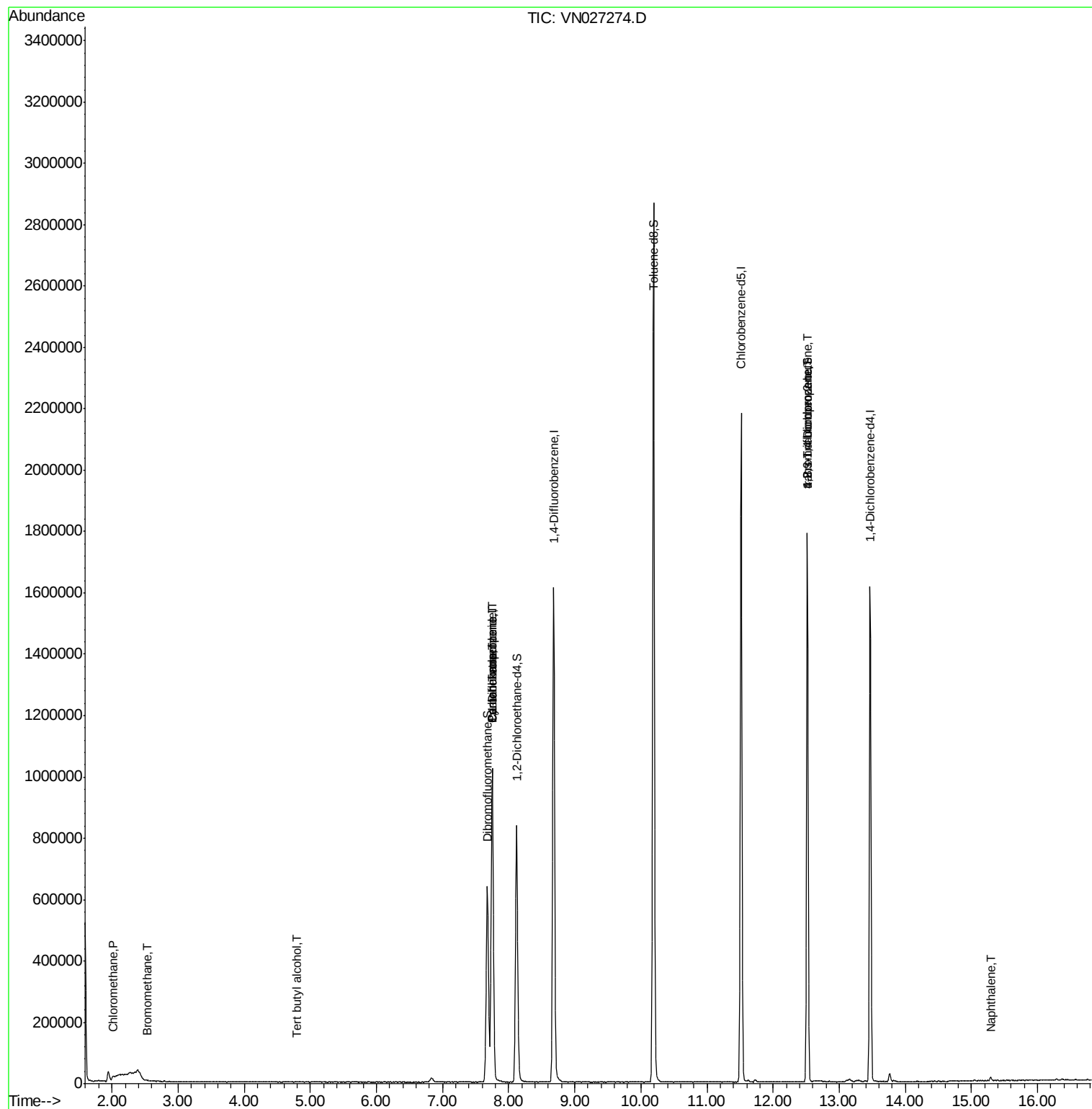
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Chloromethane	2.01	50	1785	1.29	ug/l #	76
6) Bromomethane	2.54	94	205	1.64	ug/l #	4
12) Tert butyl alcohol	4.79	59	474	0.33	ug/l #	92
32) Cyclohexane	7.75	56	23941	0.25	ug/l #	10
37) 1,1-Dichloropropene	7.75	75	75297	4.91	ug/l #	51
38) Ethyl Acetate	7.04	43	338	Below Cal	#	81
39) Carbon Tetrachloride	7.75	117	83375	5.79	ug/l #	15
76) 1,1,2,2-Tetrachloroethane	12.62	83	29	Below Cal	#	25
77) 1,2,3-Trichloropropane	12.52	75	356819	32.45	ug/l #	1
82) trans-1,4-Dichloro-2-buten	12.52	75	356819	79.70	ug/l #	4
93) 1,2-Dibromo-3-Chloropropan	14.41	75	32	Below Cal	#	9
96) Naphthalene	15.29	128	11976	0.57	ug/l #	95

(#) = 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: VN027274.D

Acq: 18 Sep 2015 00:52

Instrument :

MSVOA_N

ClientSampleId :

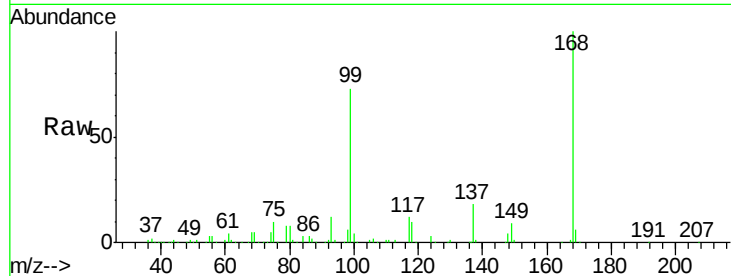
TB091616

Tgt Ion:168 Resp: 725240

Ion Ratio Lower Upper

168 100

99 73.3 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

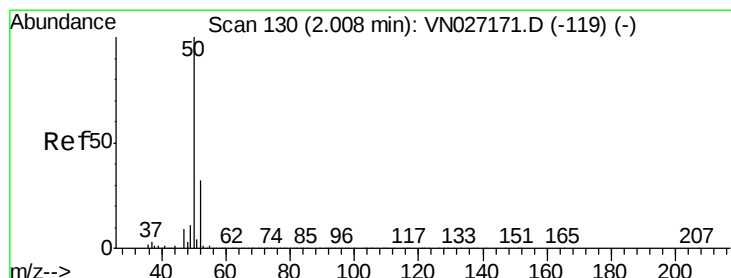
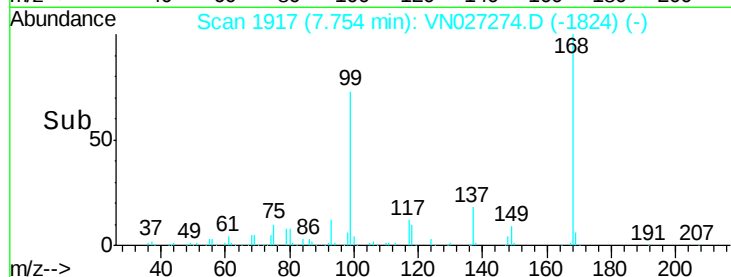
300000

200000

100000

0

Time-->



#4

Chloromethane

Concen: 1.29 ug/l

RT: 2.01 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN027274.D

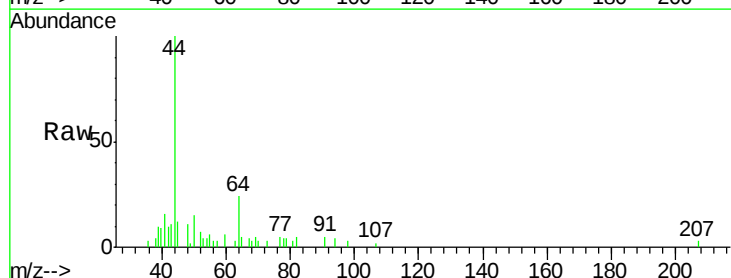
Acq: 18 Sep 2015 00:52

Tgt Ion: 50 Resp: 1785

Ion Ratio Lower Upper

50 100

52 45.6 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

800

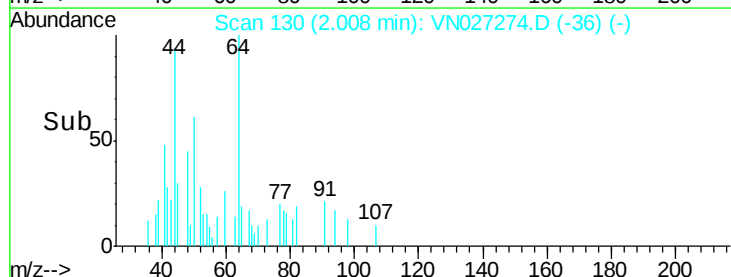
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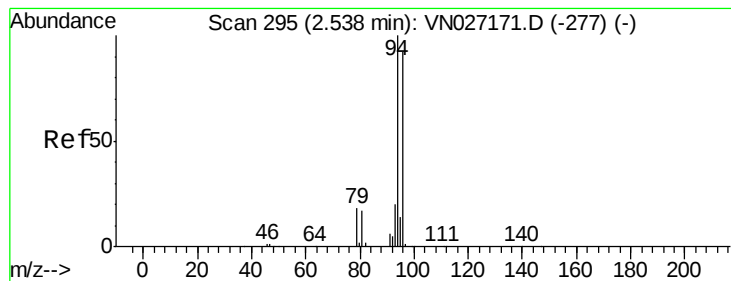
400

200

0

Time-->





#6

Bromomethane

Concen: 1.64 ug/l

RT: 2.54 min Scan# 297

Delta R.T. 0.01 min

Lab File: VN027274.D

Acq: 18 Sep 2015 00:52

Instrument :

MSVOA_N

ClientSampled :

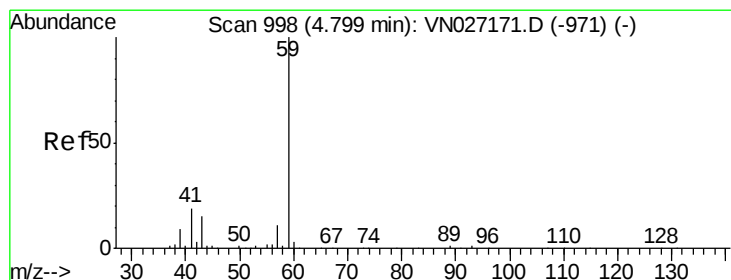
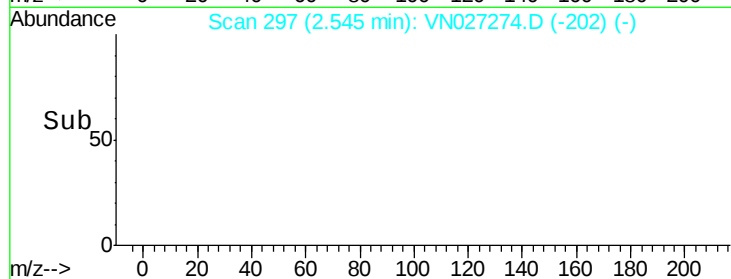
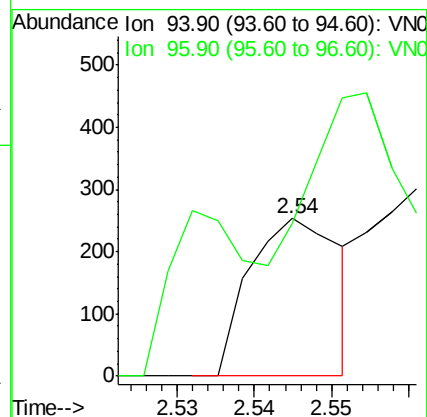
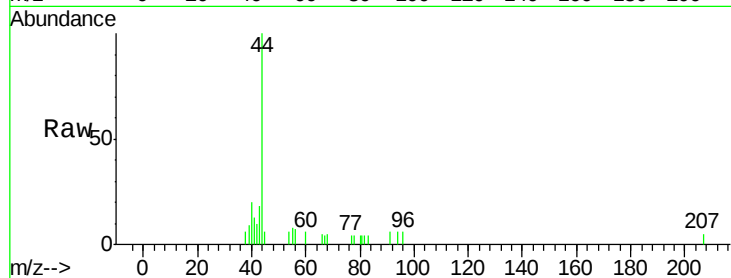
TB091616

Tgt Ion: 94 Resp: 205

Ion Ratio Lower Upper

94 100

96 0.0 73.4 110.2#



#12

Tert butyl alcohol

Concen: 0.33 ug/l

RT: 4.79 min Scan# 996

Delta R.T. -0.01 min

Lab File: VN027274.D

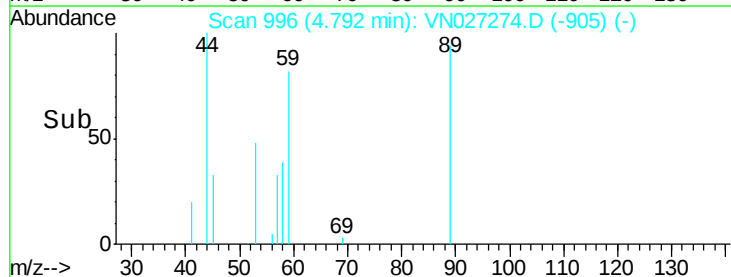
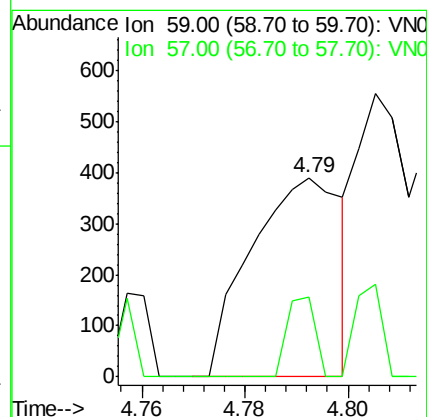
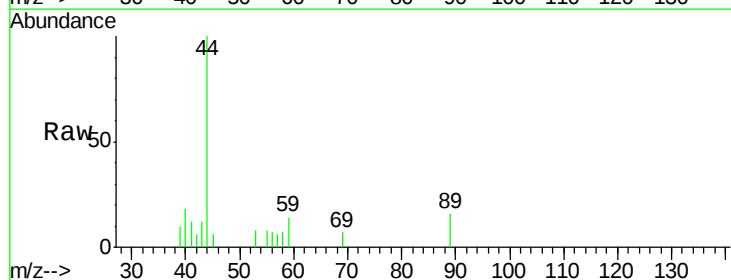
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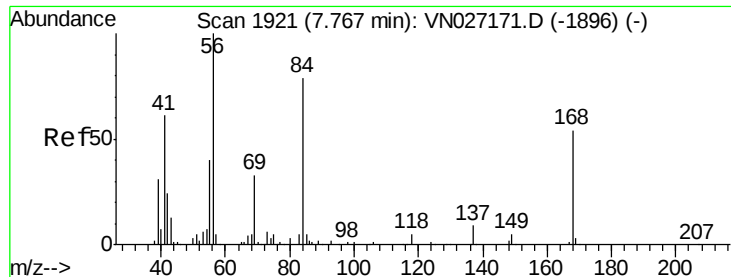
Tgt Ion: 59 Resp: 474

Ion Ratio Lower Upper

59 100

57 12.4 7.6 11.4#

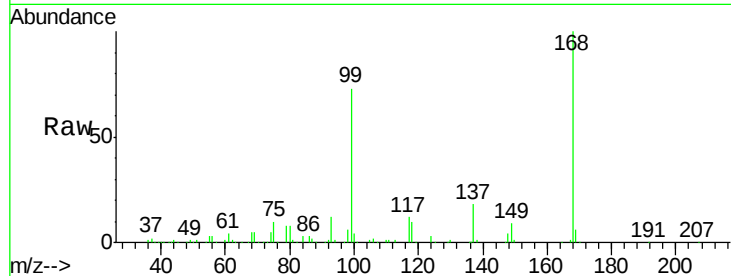




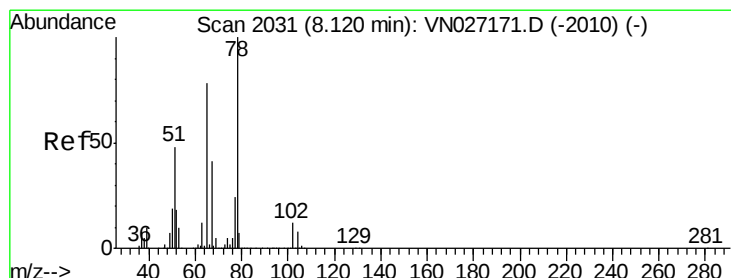
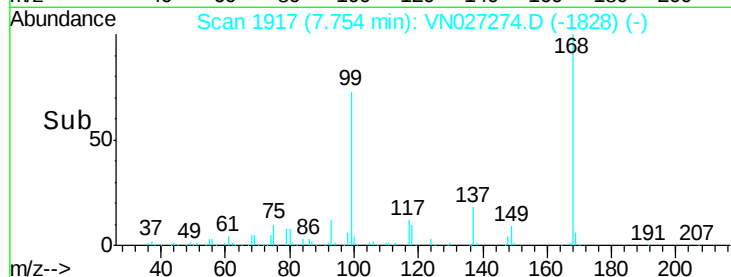
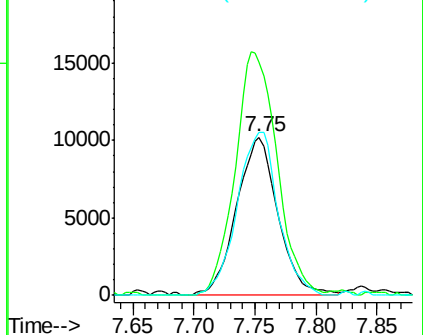
#32
Cyclohexane
Concen: 0.25 ug/l
RT: 7.75 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VN027274.D
Acq: 18 Sep 2015 00:52

Instrument :
MSVOA_N
ClientSampleId :
TB091616

Tgt Ion: 56 Resp: 23941
Ion Ratio Lower Upper
56 100
69 147.7 23.0 34.4#
84 103.2 57.8 86.8#

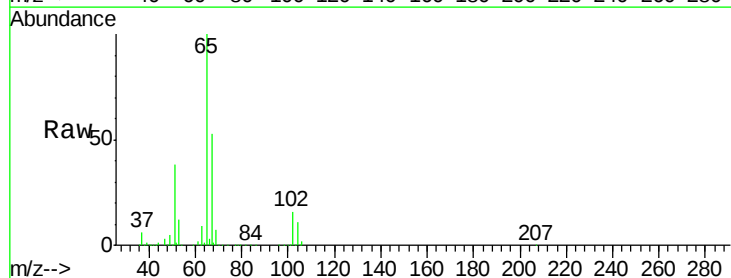


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

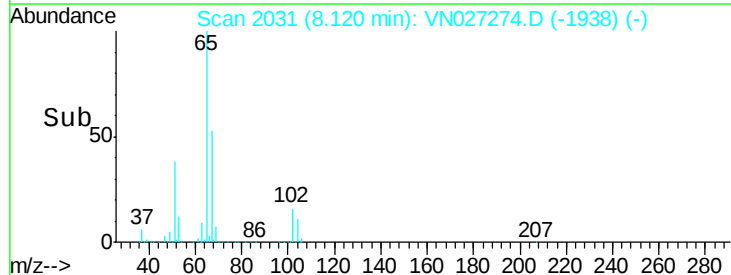
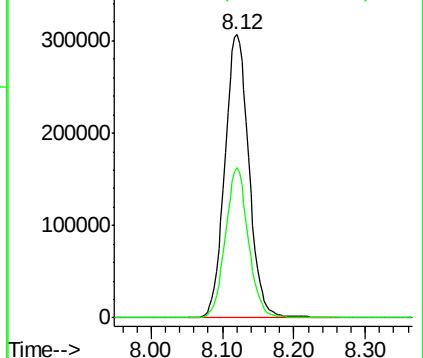


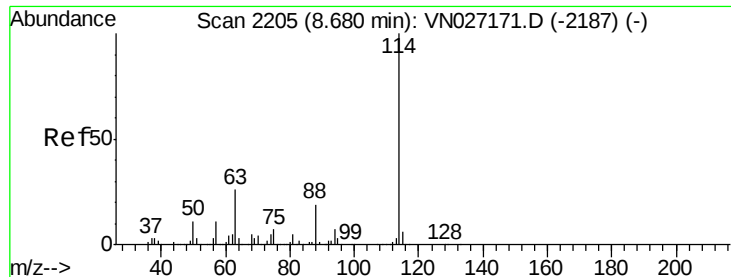
#34
1,2-Dichloroethane-d4
Concen: 48.54 ug/l
RT: 8.12 min Scan# 2031
Delta R.T. 0.00 min
Lab File: VN027274.D
Acq: 18 Sep 2015 00:52

Tgt Ion: 65 Resp: 721226
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

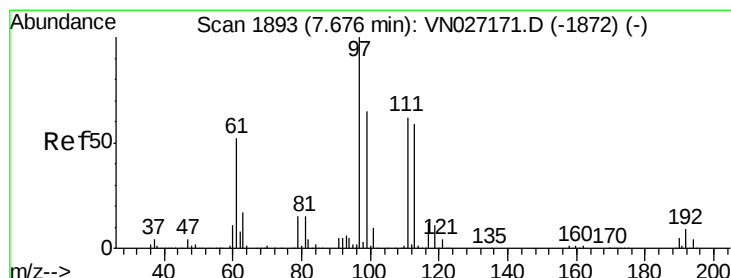
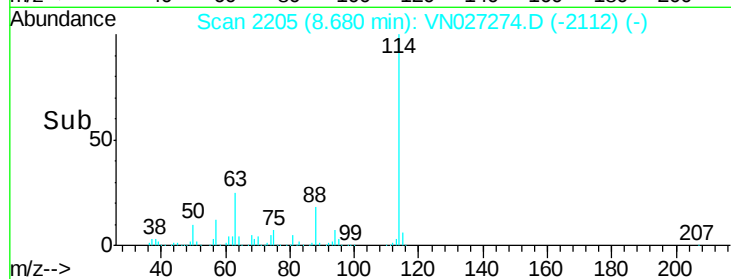
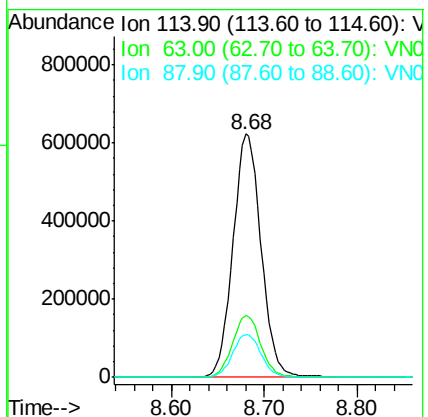
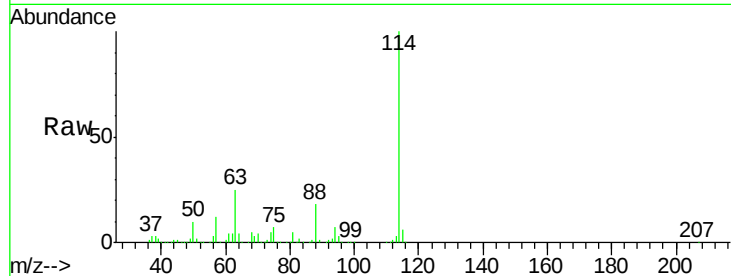




#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: VN027274.D
 Acq: 18 Sep 2015 00:52

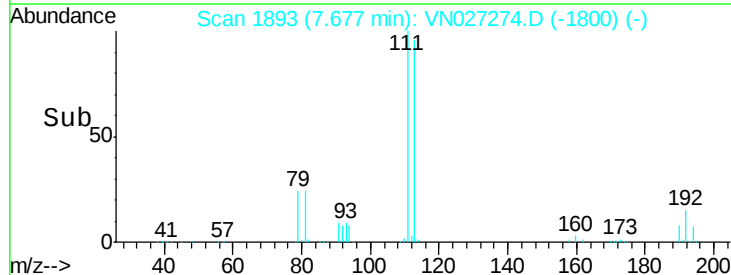
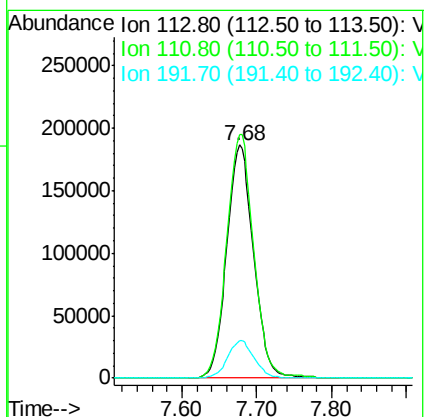
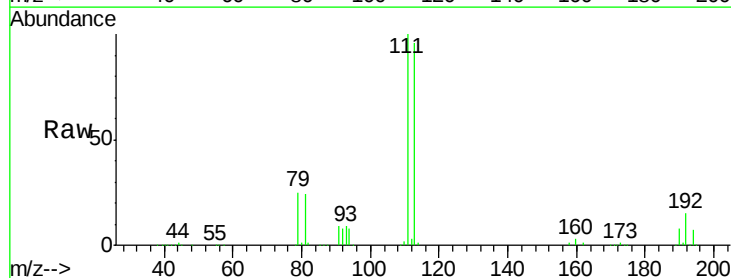
Instrument :
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 ClientSampleId :
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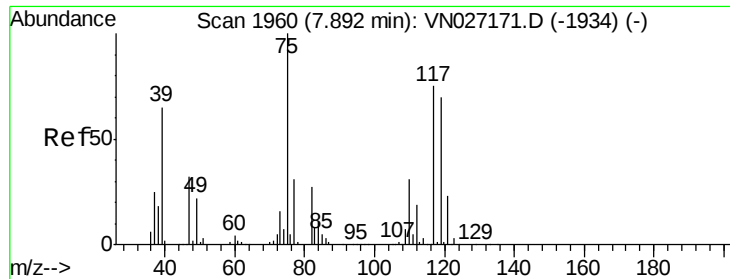
Tgt Ion:114 Resp: 1308774
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 48.8
 88 17.7 0.0 32.2



#36
 Dibromofluoromethane
 Concen: 51.28 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027274.D
 Acq: 18 Sep 2015 00:52

Tgt Ion:113 Resp: 465198
 Ion Ratio Lower Upper
 113 100
 111 105.3 83.0 124.4
 192 16.0 14.1 21.1

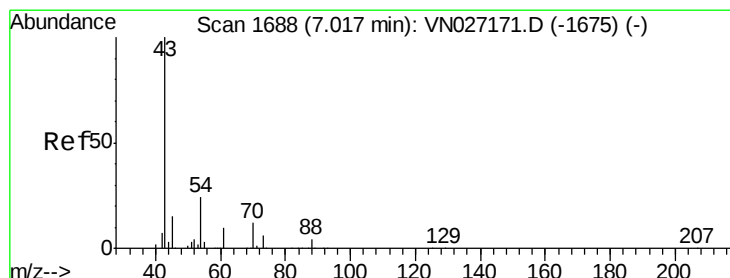
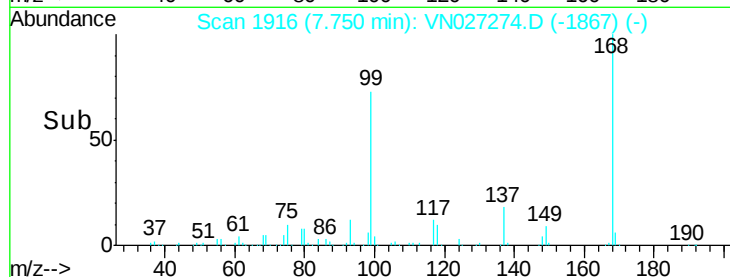
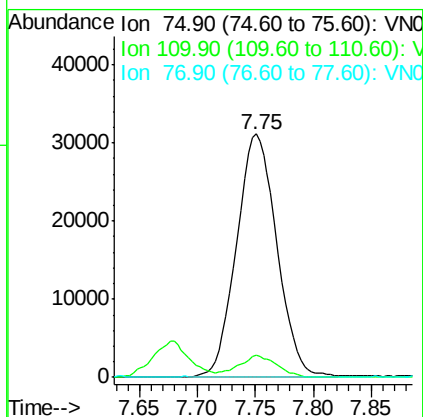
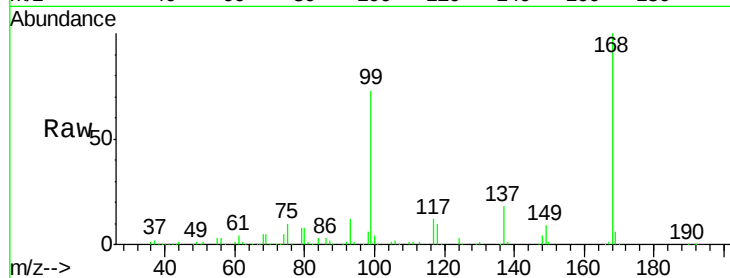




#37
 1,1-Dichloropropene
 Concen: 4.91 ug/l
 RT: 7.75 min Scan# 1916
 Delta R.T. -0.14 min
 Lab File: VN027274.D
 Acq: 18 Sep 2015 00:52

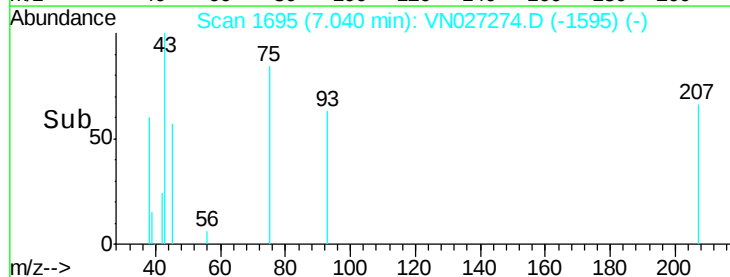
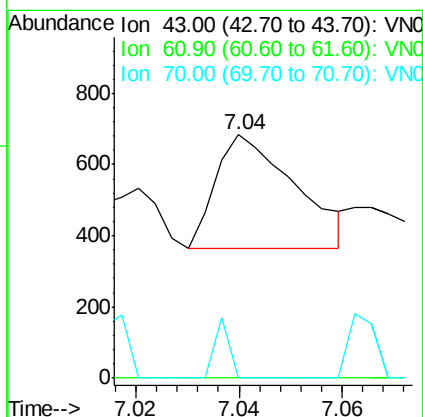
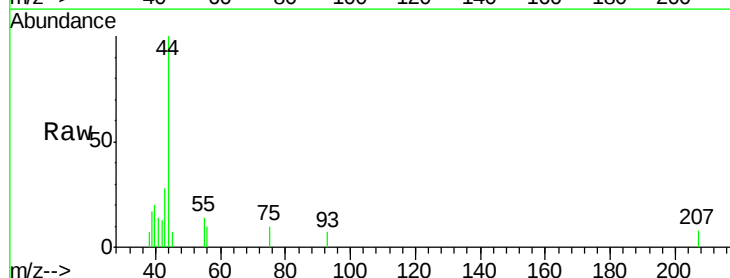
Instrument :
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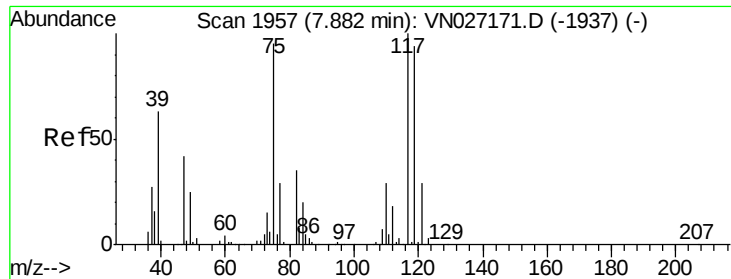
Tgt Ion: 75 Resp: 75297
 Ion Ratio Lower Upper
 75 100
 110 8.6 15.9 47.7#
 77 0.0 24.9 37.3#



#38
 Ethyl Acetate
 Concen: Below Cal
 RT: 7.04 min Scan# 1695
 Delta R.T. 0.02 min
 Lab File: VN027274.D
 Acq: 18 Sep 2015 00:52

Tgt Ion: 43 Resp: 338
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.2 15.4#
 70 9.8 7.4 11.0

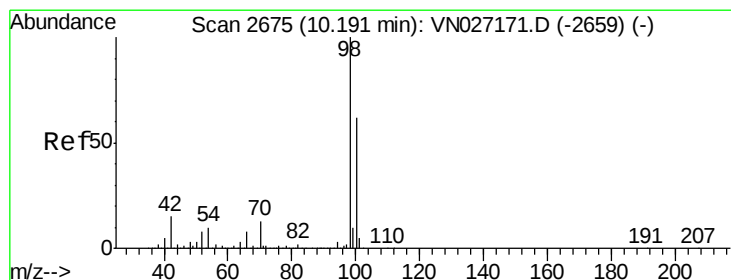
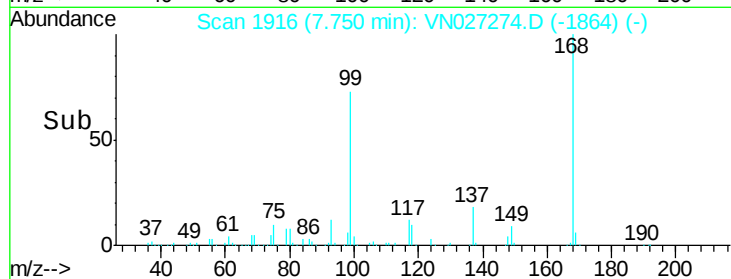
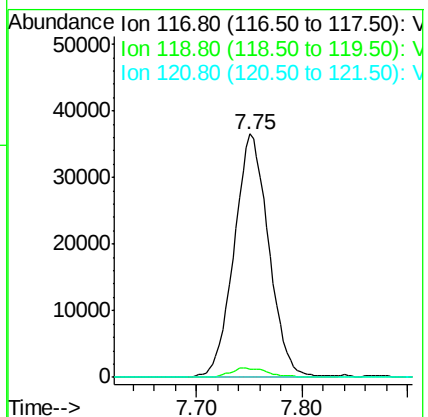
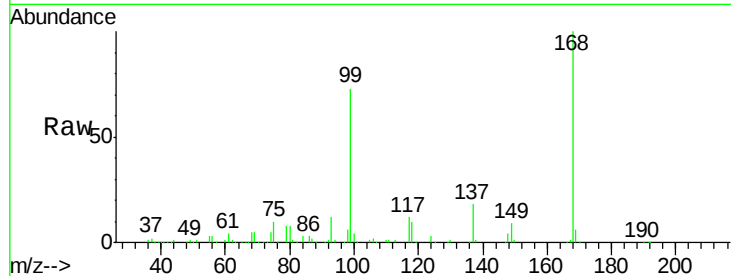




#39
Carbon Tetrachloride
Concen: 5.79 ug/l
RT: 7.75 min Scan# 1916
Delta R.T. -0.13 min
Lab File: VN027274.D
Acq: 18 Sep 2015 00:52

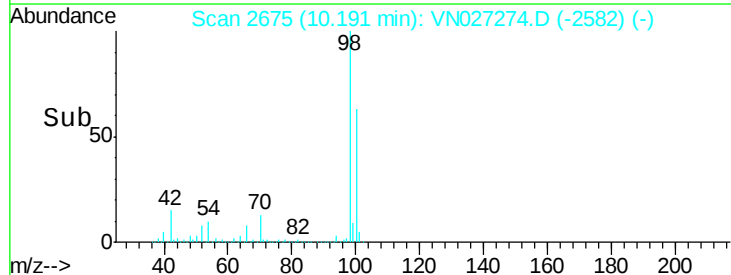
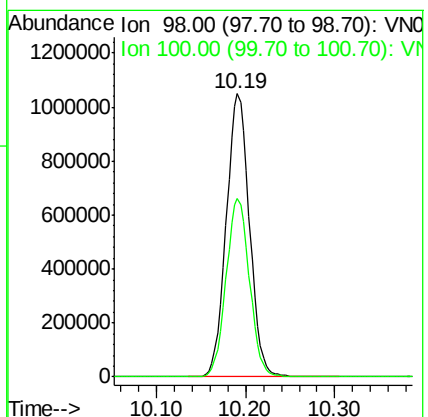
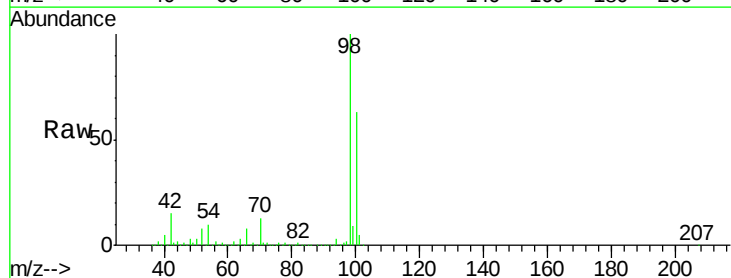
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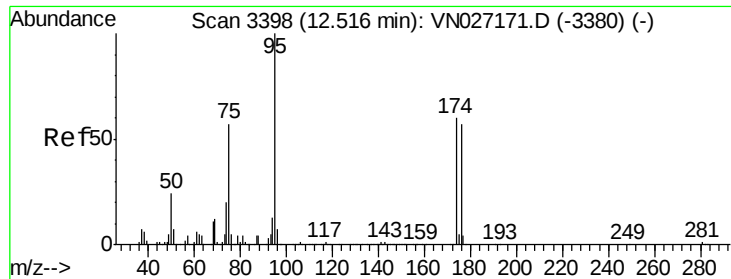
Tgt Ion:117 Resp: 83375
Ion Ratio Lower Upper
117 100
119 3.5 75.3 112.9#
121 0.0 23.8 35.8#



#51
Toluene-d8
Concen: 53.17 ug/l
RT: 10.19 min Scan# 2675
Delta R.T. 0.00 min
Lab File: VN027274.D
Acq: 18 Sep 2015 00:52

Tgt Ion: 98 Resp: 1888738
Ion Ratio Lower Upper
98 100
100 63.4 50.5 75.7

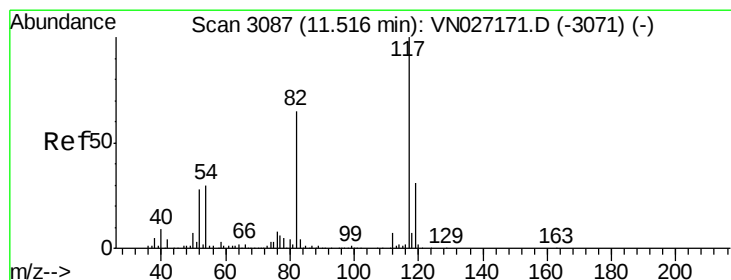
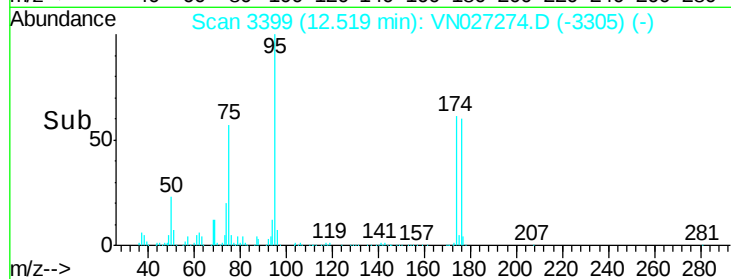
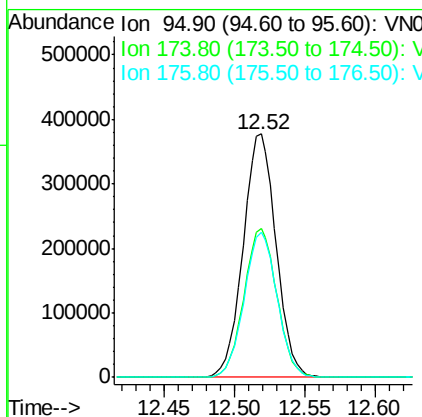
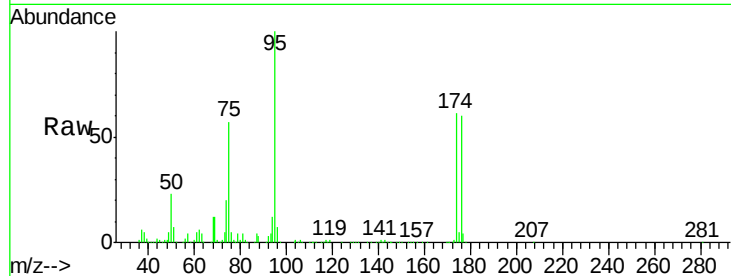




#63
 4-Bromofluorobenzene
 Concen: 48.96 ug/l
 RT: 12.52 min Scan# 3399
 Delta R.T. 0.00 min
 Lab File: VN027274.D
 Acq: 18 Sep 2015 00:52

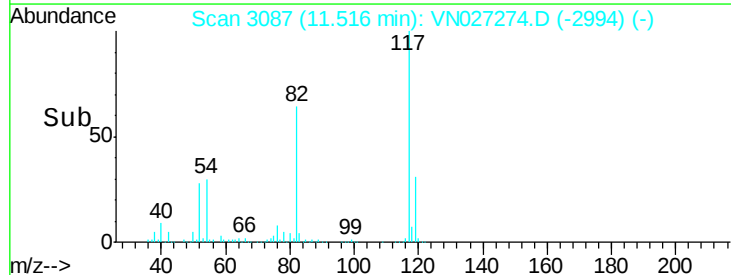
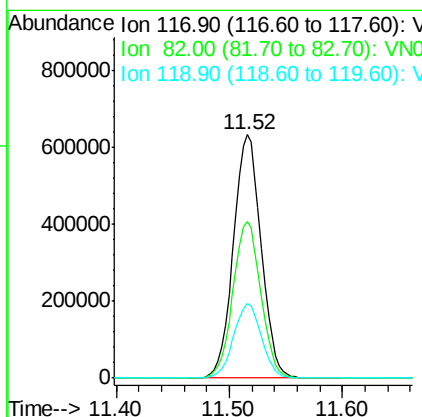
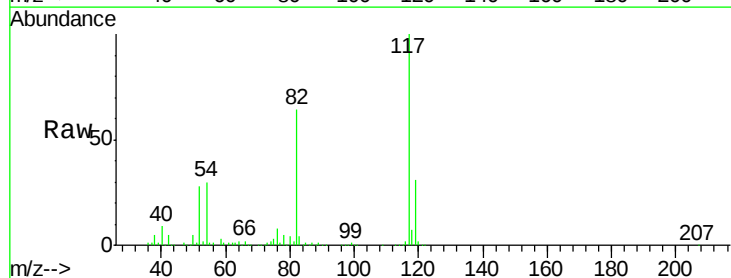
Instrument :
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 TB091616

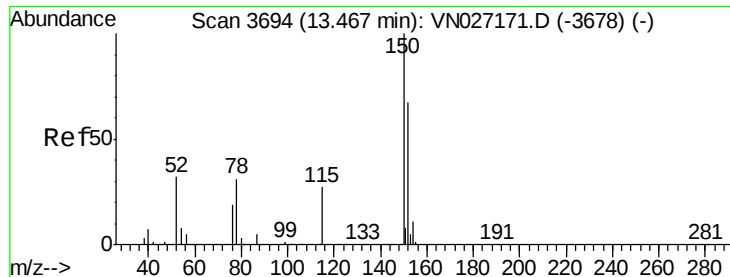
Tgt Ion: 95 Resp: 617228
 Ion Ratio Lower Upper
 95 100
 174 61.4 0.0 137.0
 176 59.9 0.0 130.8



#64
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.52 min Scan# 3087
 Delta R.T. 0.00 min
 Lab File: VN027274.D
 Acq: 18 Sep 2015 00:52

Tgt Ion: 117 Resp: 1078431
 Ion Ratio Lower Upper
 117 100
 82 64.4 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: VN027274.D

Acq: 18 Sep 2015 00:52

Instrument :

MSVOA_N

ClientSampleId :

TB091616

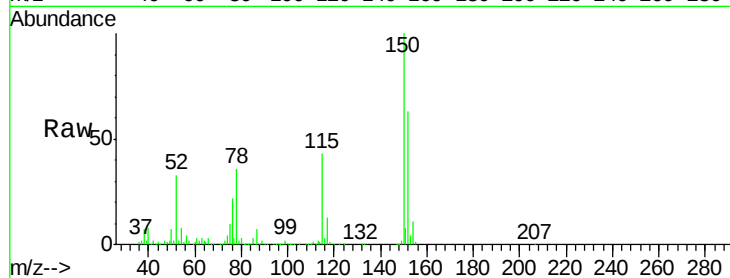
Tgt Ion:152 Resp: 363854

Ion Ratio Lower Upper

152 100

115 68.7 30.8 92.3

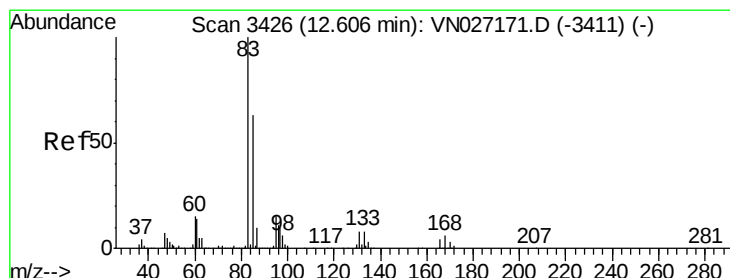
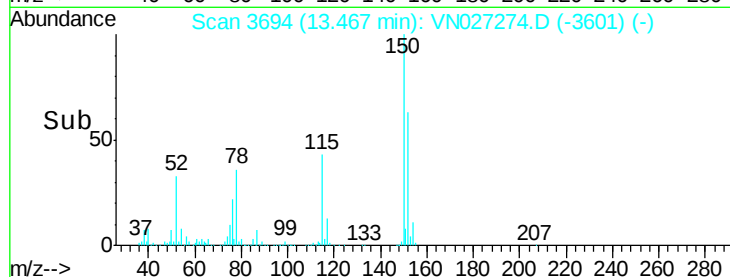
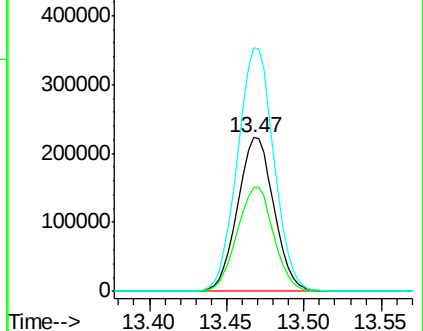
150 159.6 0.0 345.0



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: 12.62 min Scan# 3432

Delta R.T. 0.02 min

Lab File: VN027274.D

Acq: 18 Sep 2015 00:52

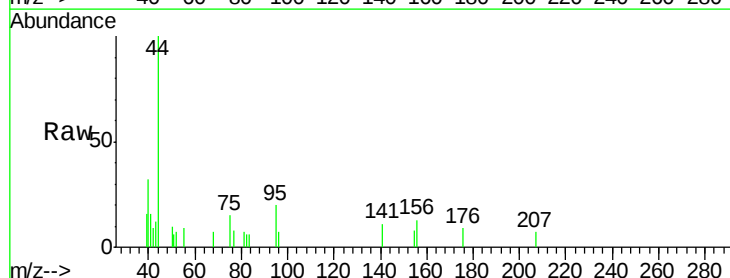
Tgt Ion: 83 Resp: 29

Ion Ratio Lower Upper

83 100

131 0.0 4.1 12.3#

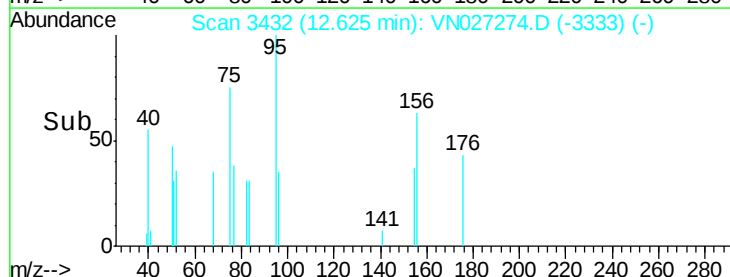
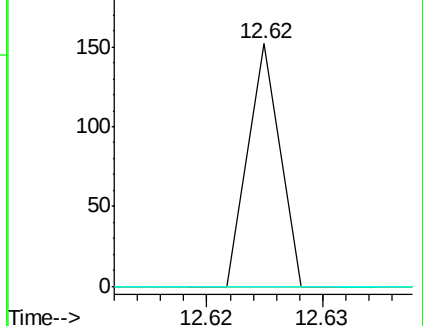
85 0.0 31.9 95.7#

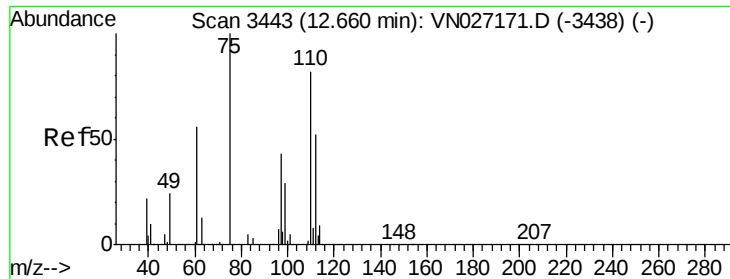


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0

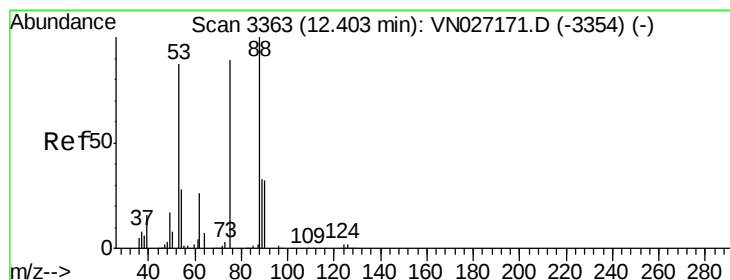
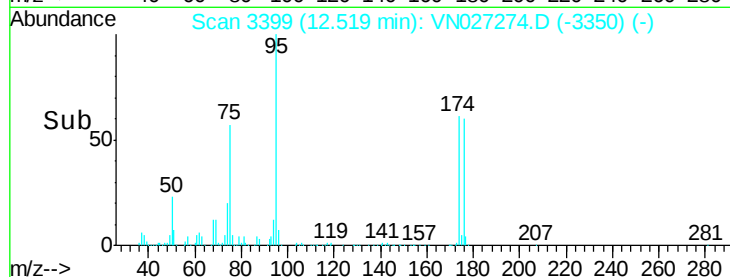
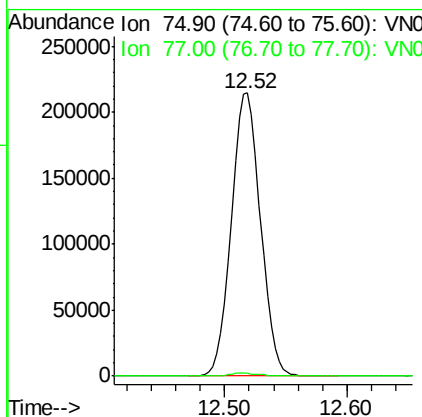
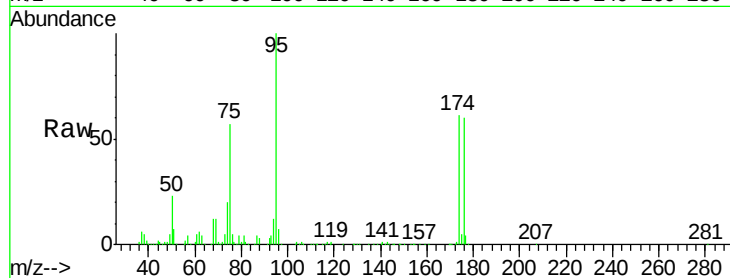




#77
 1,2,3-Trichloropropane
 Concen: 32.45 ug/l
 RT: 12.52 min Scan# 3399
 Delta R.T. -0.14 min
 Lab File: VN027274.D
 Acq: 18 Sep 2015 00:52

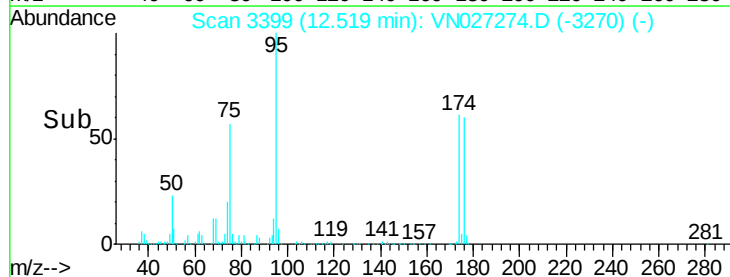
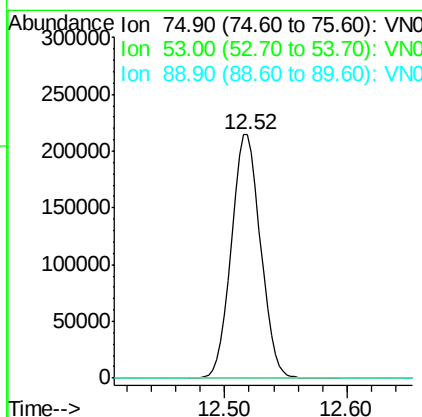
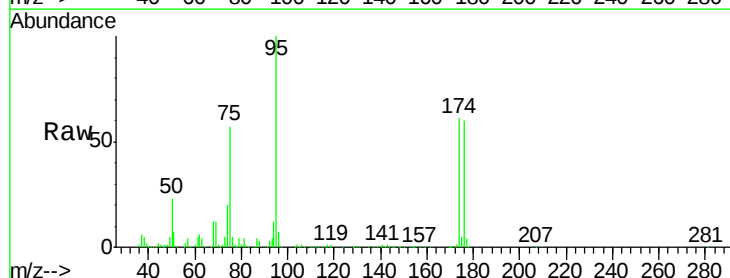
Instrument :
 MSVOA_N
 ClientSampleId :
 TB091616

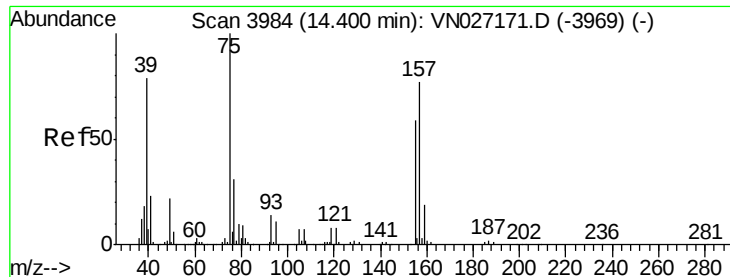
Tgt Ion: 75 Resp: 356819
 Ion Ratio Lower Upper
 75 100
 77 1.1 103.1 309.3#



#82
 trans-1,4-Dichloro-2-butene
 Concen: 79.70 ug/l
 RT: 12.52 min Scan# 3399
 Delta R.T. 0.12 min
 Lab File: VN027274.D
 Acq: 18 Sep 2015 00:52

Tgt Ion: 75 Resp: 356819
 Ion Ratio Lower Upper
 75 100
 53 0.0 92.9 139.3#
 89 0.0 34.2 51.4#

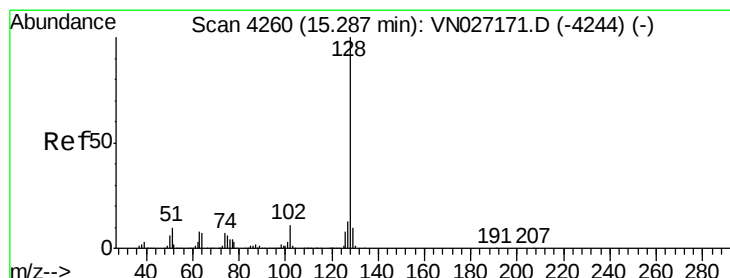
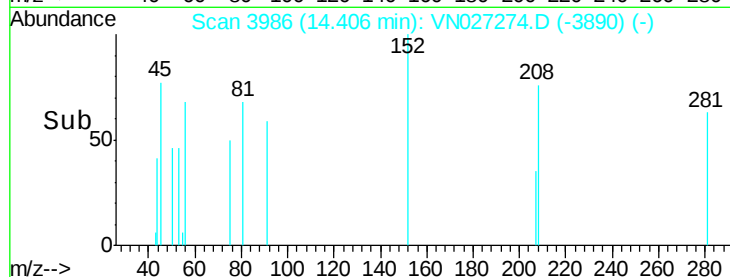
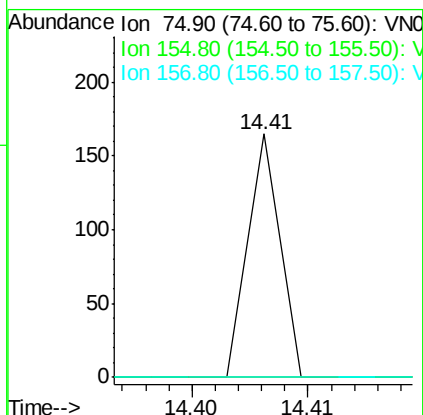
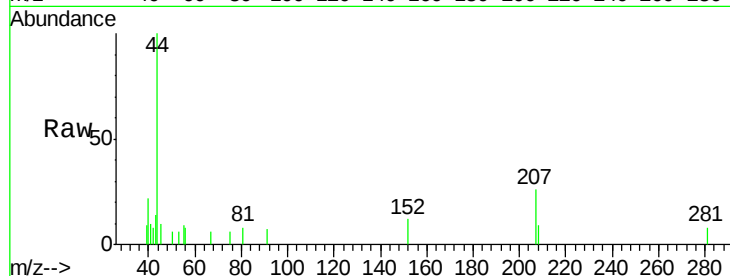




#93
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.41 min Scan# 3986
 Delta R.T. 0.01 min
 Lab File: VN027274.D
 Acq: 18 Sep 2015 00:52

Instrument :
 MSVOA_N
 ClientSampleId :
 TB091616

Tgt Ion: 75 Resp: 32
 Ion Ratio Lower Upper
 75 100
 155 0.0 35.6 106.9#
 157 0.0 44.6 133.8#



#96
 Naphthalene
 Concen: 0.57 ug/l
 RT: 15.29 min Scan# 4262
 Delta R.T. 0.01 min
 Lab File: VN027274.D
 Acq: 18 Sep 2015 00:52

Tgt Ion: 128 Resp: 11976
 Ion Ratio Lower Upper
 128 100
 127 9.2 10.4 15.6#
 129 10.7 8.6 12.8

