

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091515\
 Data File : VN027182.D
 Acq On : 16 Sep 2015 00:43
 Operator : MD\FY
 Sample : G3612-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
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Quant Time: Sep 16 03:48:17 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	811426	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1417264	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1174278	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	408049	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	784055	47.16	ug/l	0.00
Spiked Amount			Recovery	=	94.32%	
36) Dibromofluoromethane	7.68	113	511709	52.09	ug/l	0.00
Spiked Amount			Recovery	=	104.18%	
51) Toluene-d8	10.19	98	2068409	53.77	ug/l	0.00
Spiked Amount			Recovery	=	107.54%	
63) 4-Bromofluorobenzene	12.52	95	676561	49.55	ug/l	0.00
Spiked Amount			Recovery	=	99.10%	

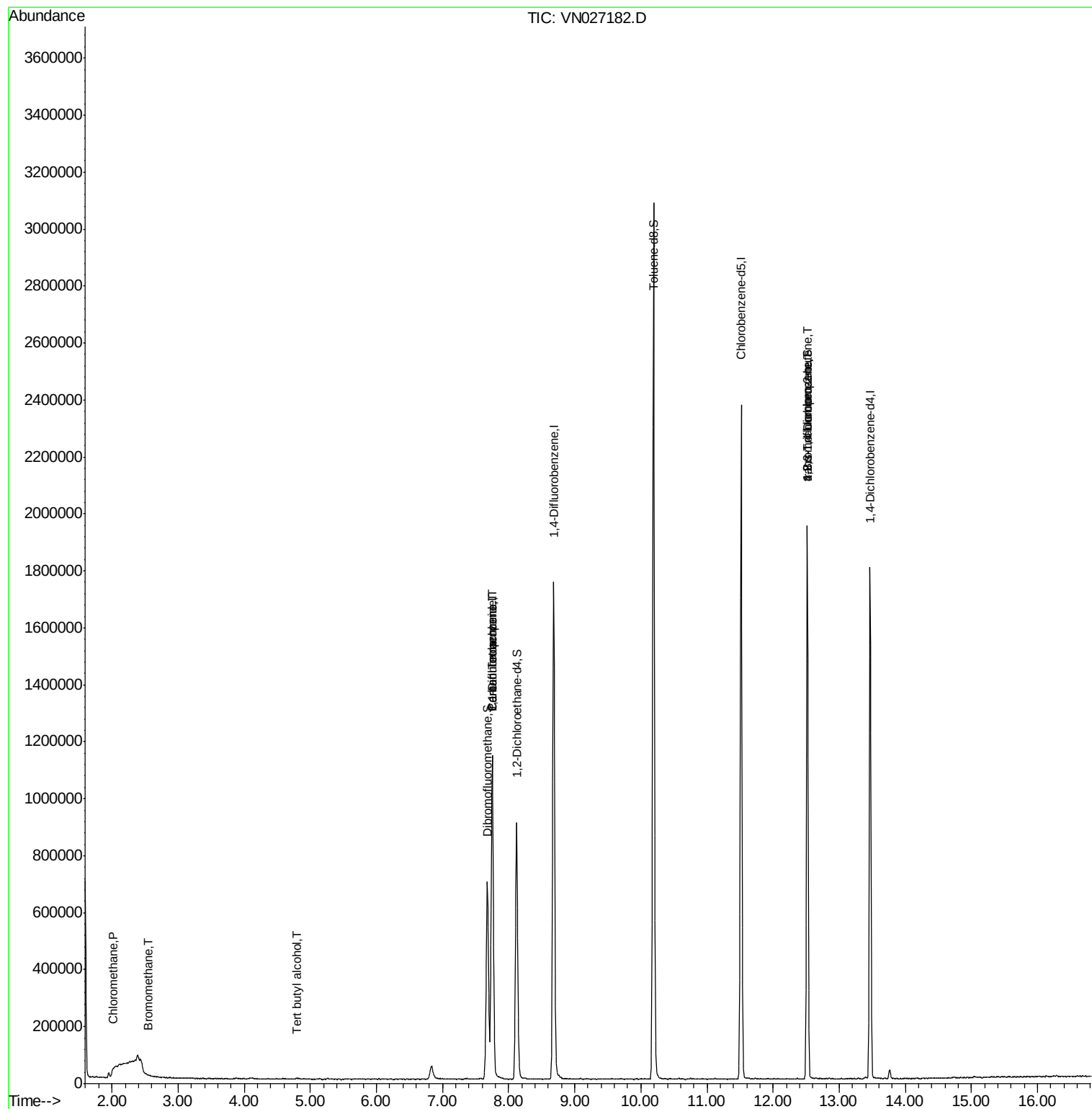
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Chloromethane	2.01	50	2009	1.29	ug/l #	1
6) Bromomethane	2.55	94	1443	1.85	ug/l #	7
12) Tert butyl alcohol	4.80	59	4029	2.48	ug/l #	77
37) 1,1-Dichloropropene	7.75	75	83294	5.02	ug/l #	52
38) Ethyl Acetate	7.02	43	627	Below Cal	#	76
39) Carbon Tetrachloride	7.75	117	89920	5.77	ug/l #	16
76) 1,1,2,2-Tetrachloroethane	12.61	83	349	Below Cal	#	49
77) 1,2,3-Trichloropropane	12.52	75	387794	31.45	ug/l #	1
82) trans-1,4-Dichloro-2-buten	12.52	75	387794	77.24	ug/l #	4
93) 1,2-Dibromo-3-Chloropropan	14.41	75	60	Below Cal	#	9

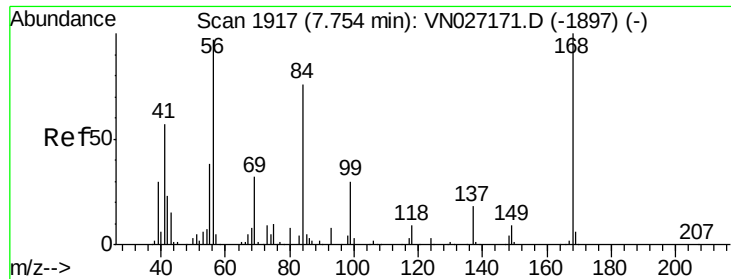
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN027182.D

Acq: 16 Sep 2015 00:43

Instrument :

MSVOA_N

ClientSampleId :

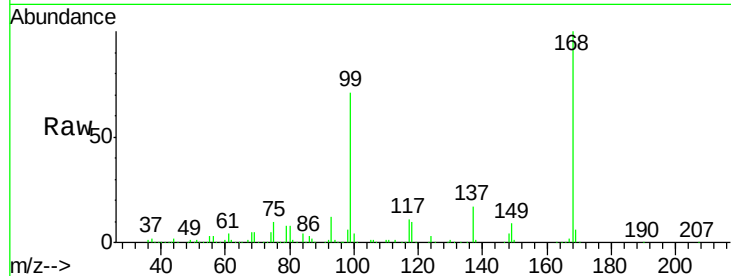
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Tot Ion:168 Resp: 811426

Ion Ratio Lower Upper

168 100

99 71.5 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

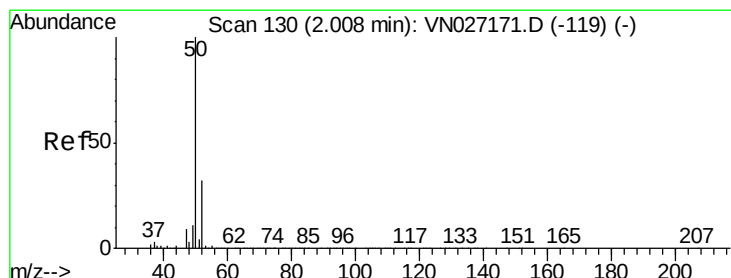
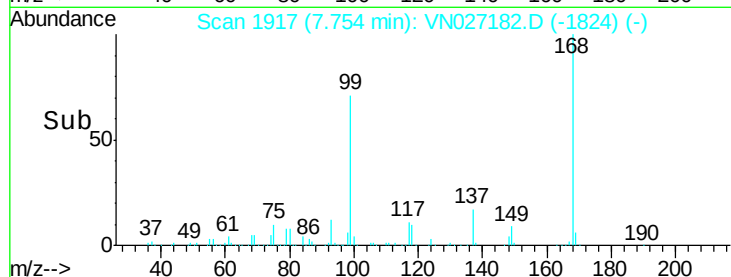
300000

200000

100000

0

Time-->



#4

Chloromethane

Concen: 1.29 ug/l

RT: 2.01 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN027182.D

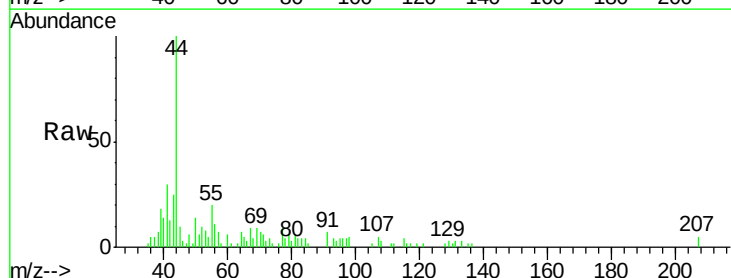
Acq: 16 Sep 2015 00:43

Tgt Ion: 50 Resp: 2009

Ion Ratio Lower Upper

50 100

52 89.0 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

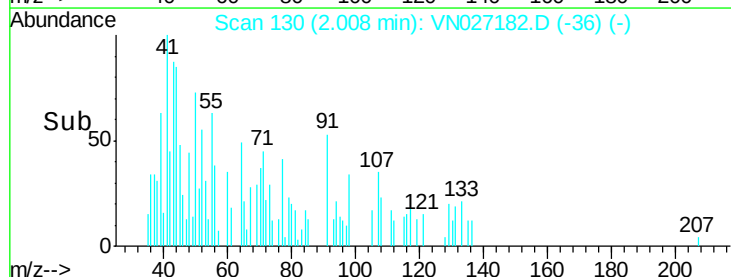
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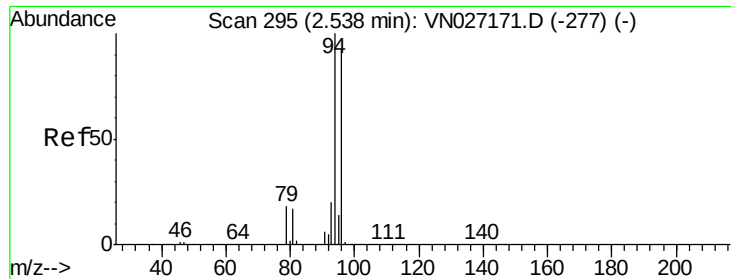
1000

500

0

Time-->





#6

Bromomethane

Concen: 1.85 ug/l

RT: 2.55 min Scan# 299

Delta R.T. 0.01 min

Lab File: VN027182.D

Acq: 16 Sep 2015 00:43

Instrument :

MSVOA_N

ClientSampled :

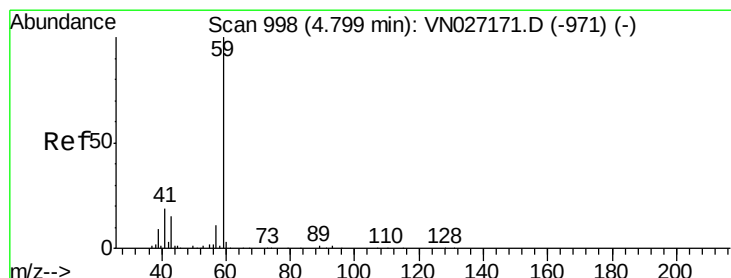
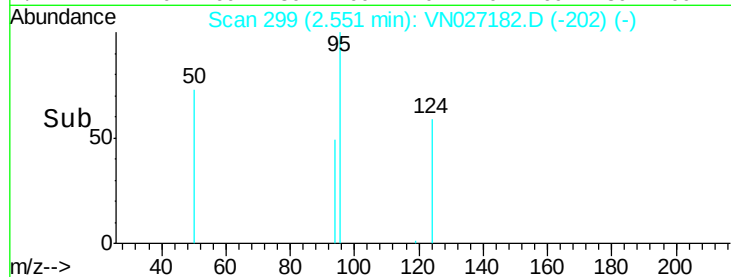
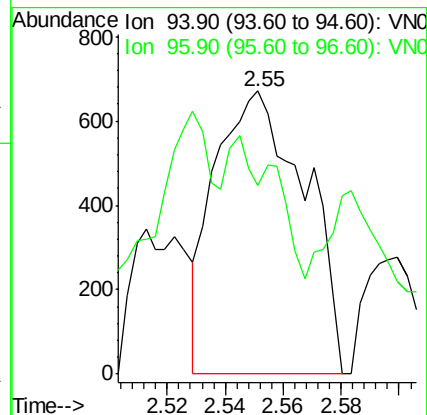
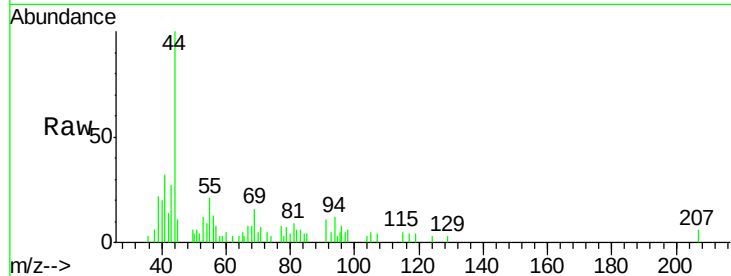
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Tot Ion: 94 Resp: 1443

Ion Ratio Lower Upper

94 100

96 3.6 73.4 110.2#



#12

Tert butyl alcohol

Concen: 2.48 ug/l

RT: 4.80 min Scan# 998

Delta R.T. 0.00 min

Lab File: VN027182.D

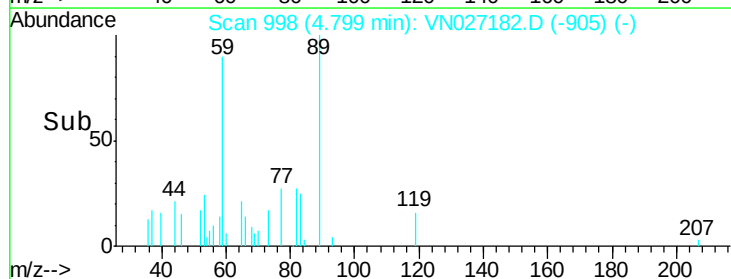
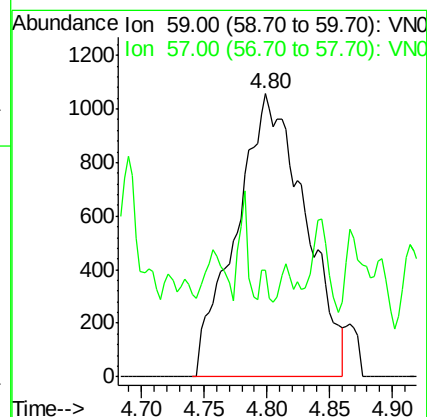
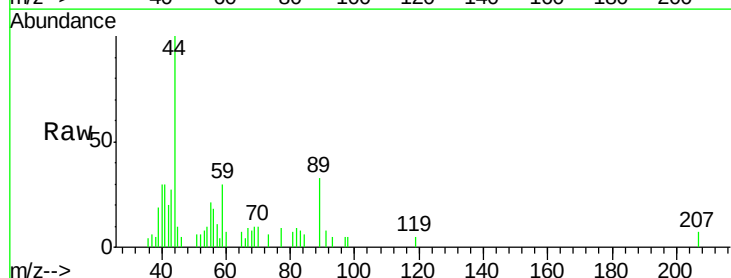
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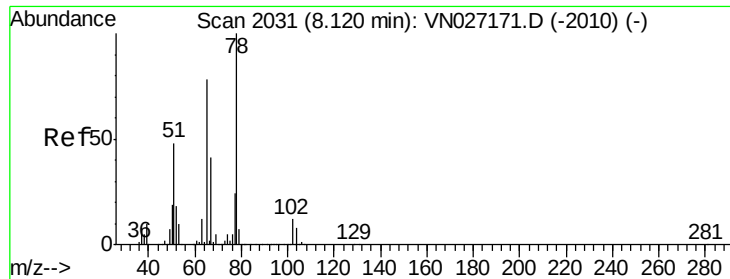
Tgt Ion: 59 Resp: 4029

Ion Ratio Lower Upper

59 100

57 1.2 7.6 11.4#

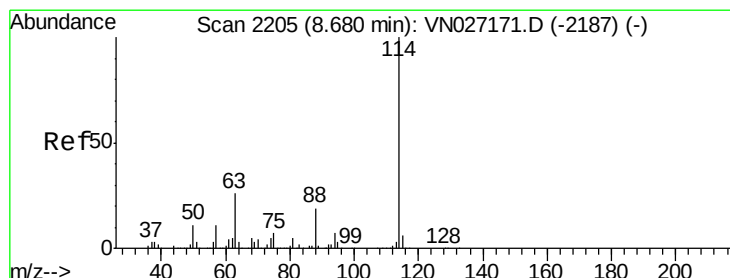
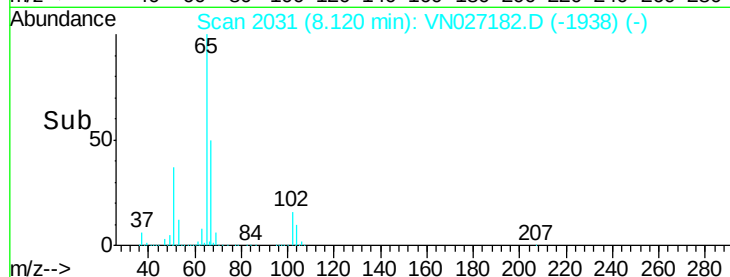
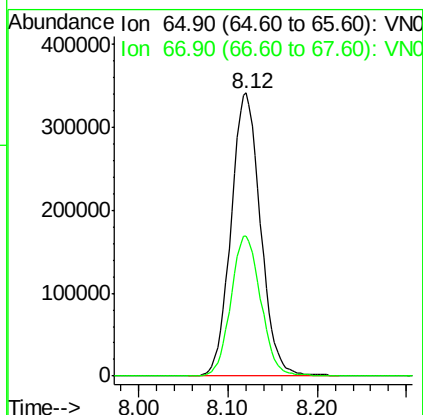
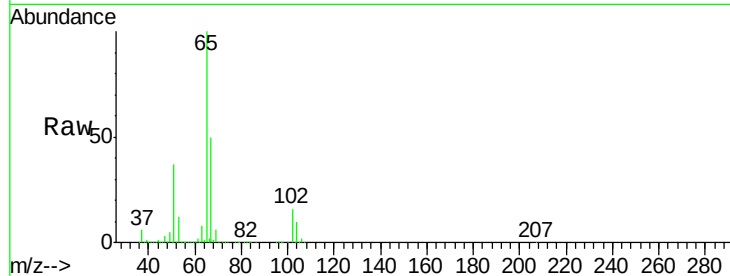




#34
 1,2-Dichloroethane-d4
 Concen: 47.16 ug/l
 RT: 8.12 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: VN027182.D
 Acq: 16 Sep 2015 00:43

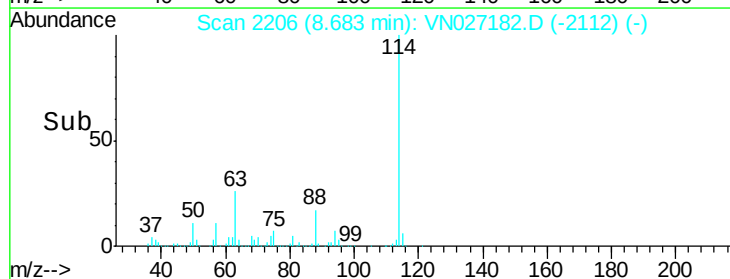
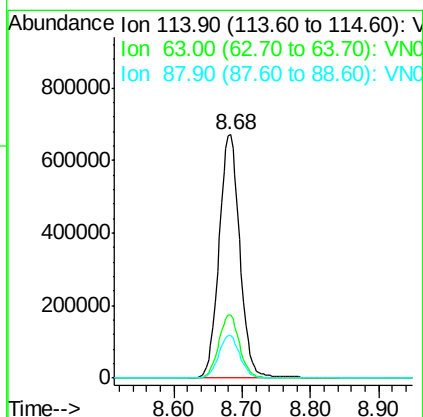
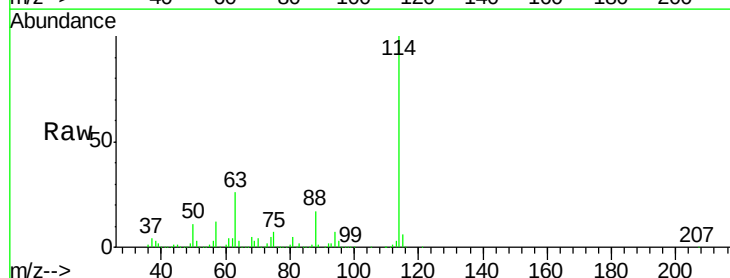
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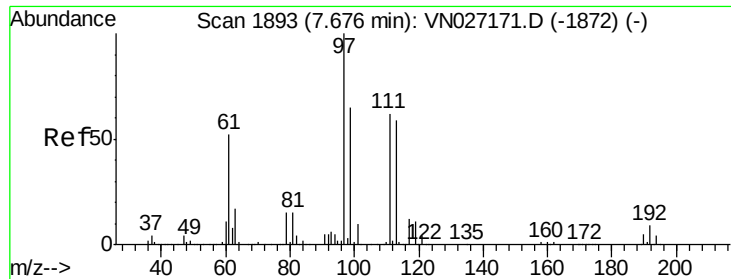
Tot Ion: 65 Resp: 784055
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 110.6



#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: VN027182.D
 Acq: 16 Sep 2015 00:43

Tgt Ion: 114 Resp: 1417264
 Ion Ratio Lower Upper
 114 100
 63 25.8 0.0 48.8
 88 17.4 0.0 32.2

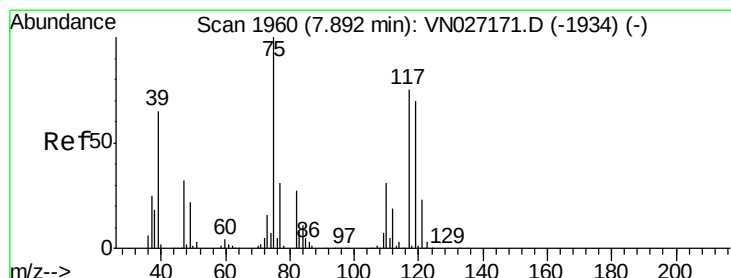
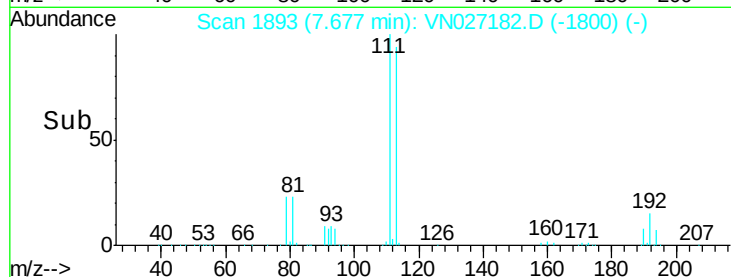
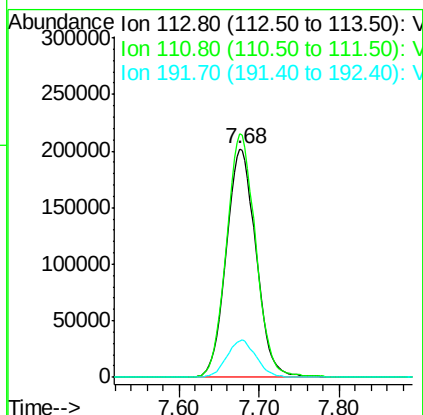
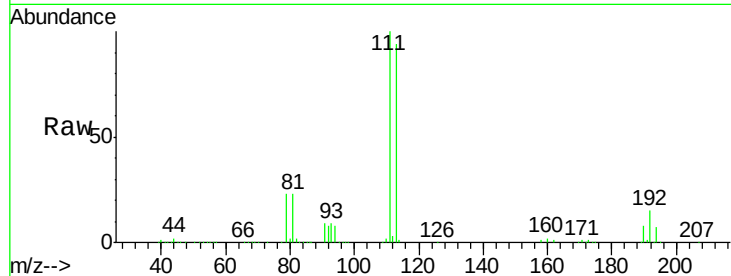




#36
 Dibromofluoromethane
 Concen: 52.09 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027182.D
 Acq: 16 Sep 2015 00:43

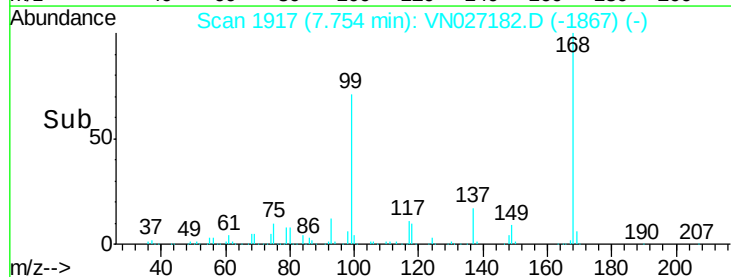
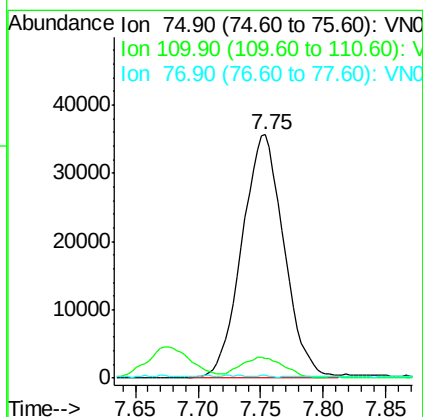
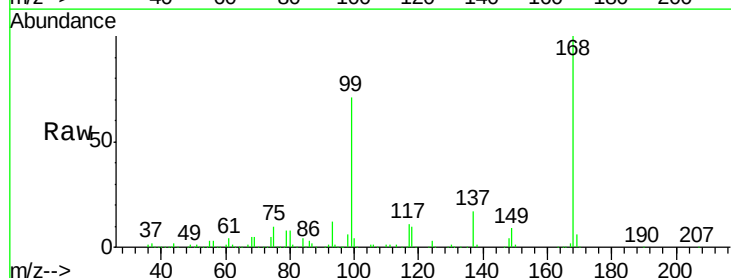
Instrument :
 MSVOA_N
 ClientSampleId :
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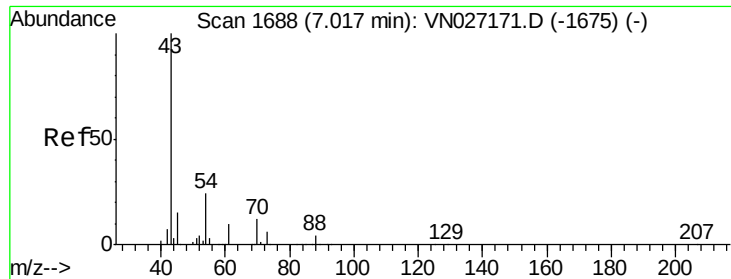
Tot Ion:113 Resp: 511709
 Ion Ratio Lower Upper
 113 100
 111 104.9 83.0 124.4
 192 16.1 14.1 21.1



#37
 1,1-Dichloropropene
 Concen: 5.02 ug/l
 RT: 7.75 min Scan# 1917
 Delta R.T. -0.14 min
 Lab File: VN027182.D
 Acq: 16 Sep 2015 00:43

Tgt Ion: 75 Resp: 83294
 Ion Ratio Lower Upper
 75 100
 110 8.9 15.9 47.7#
 77 0.4 24.9 37.3#

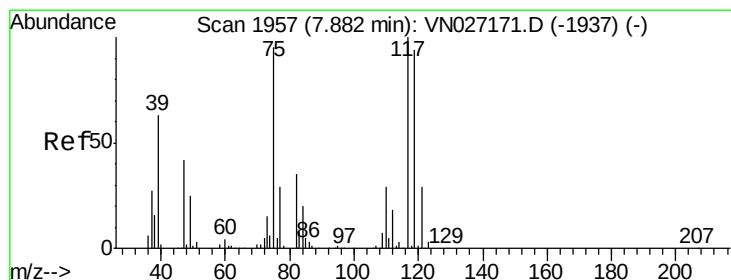
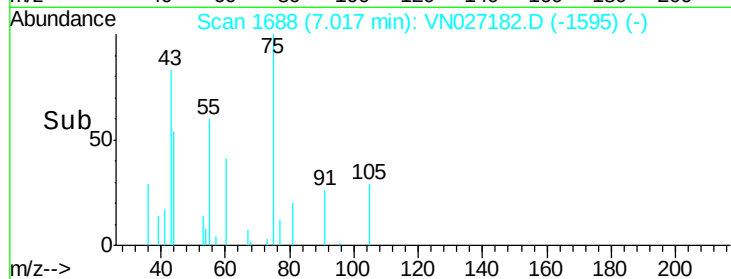
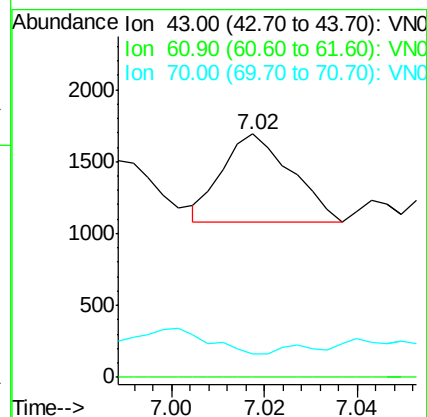
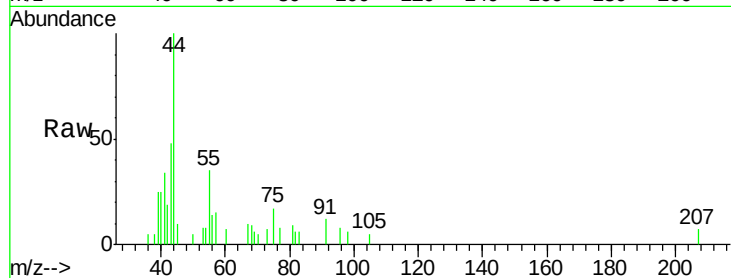




#38
Ethyl Acetate
Concen: Below Cal
RT: 7.02 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN027182.D
Acq: 16 Sep 2015 00:43

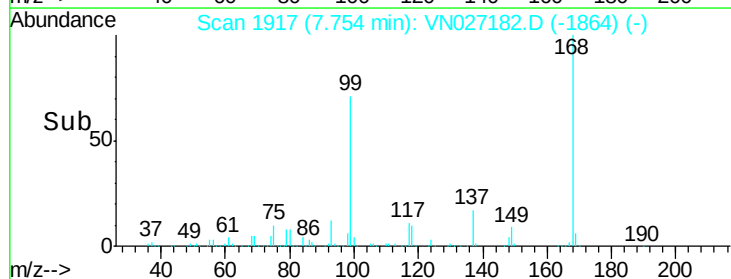
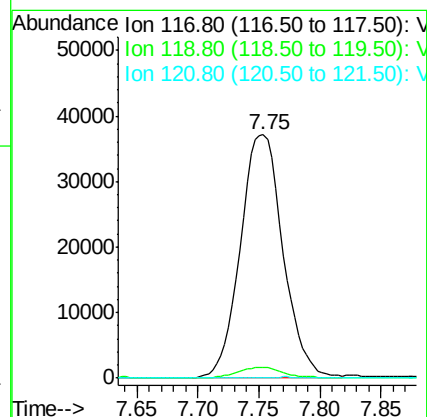
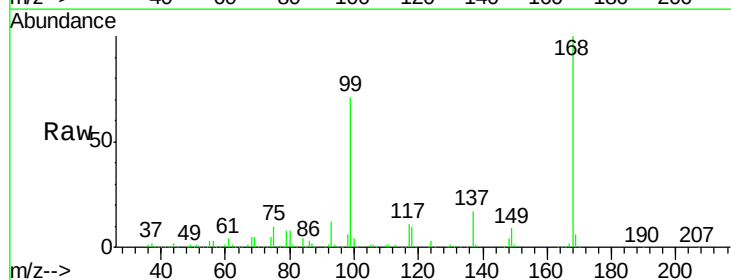
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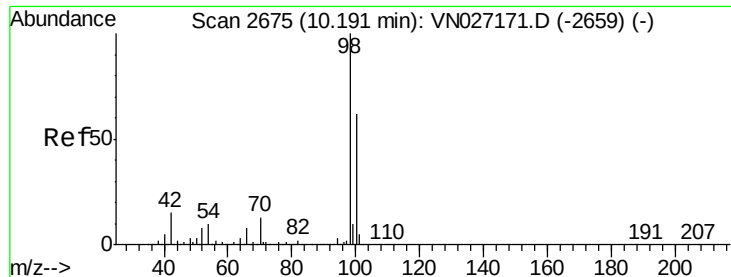
Tot Ion: 43 Resp: 627
Ion Ratio Lower Upper
43 100
61 0.0 10.2 15.4#
70 4.9 7.4 11.0#



#39
Carbon Tetrachloride
Concen: 5.77 ug/l
RT: 7.75 min Scan# 1917
Delta R.T. -0.13 min
Lab File: VN027182.D
Acq: 16 Sep 2015 00:43

Tgt Ion: 117 Resp: 89920
Ion Ratio Lower Upper
117 100
119 4.5 75.3 112.9#
121 0.0 23.8 35.8#





#51

Toluene-d8

Concen: 53.77 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027182.D

Acq: 16 Sep 2015 00:43

Instrument :

MSVOA_N

ClientSampled :

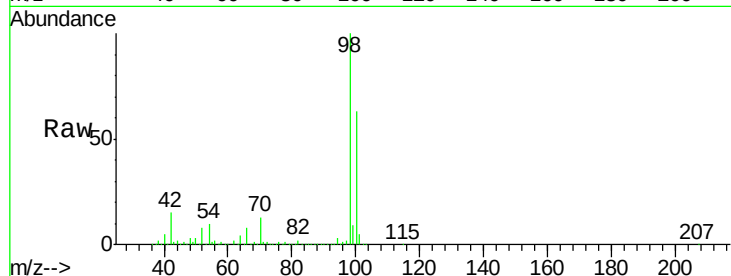
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Tot Ion: 98 Resp: 2068409

Ion Ratio Lower Upper

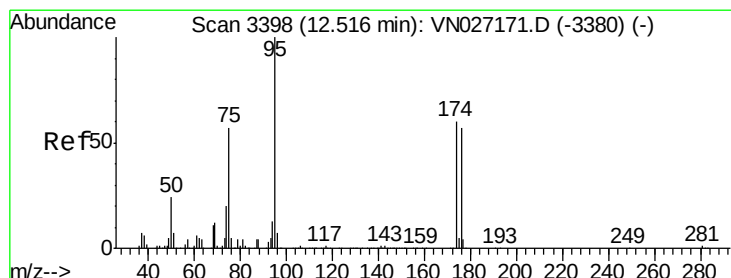
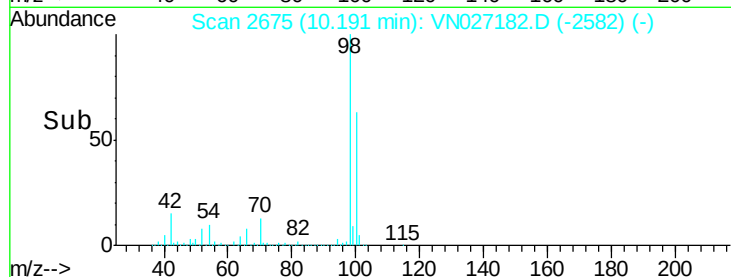
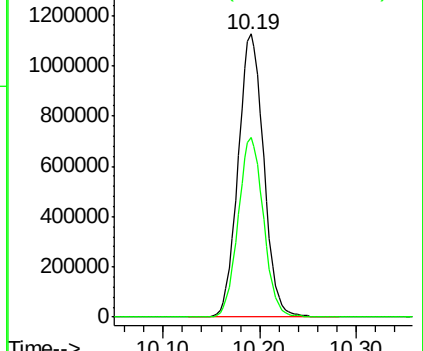
98 100

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: 49.55 ug/l

RT: 12.52 min Scan# 3398

Delta R.T. 0.00 min

Lab File: VN027182.D

Acq: 16 Sep 2015 00:43

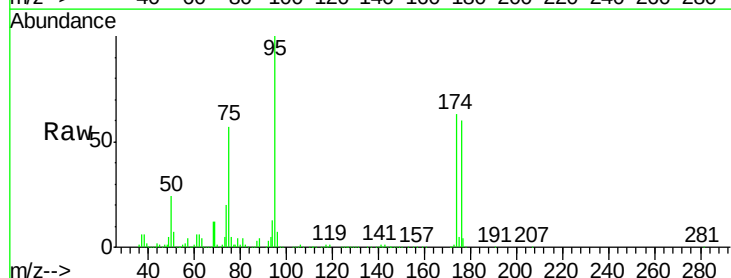
Tgt Ion: 95 Resp: 676561

Ion Ratio Lower Upper

95 100

174 63.0 0.0 137.0

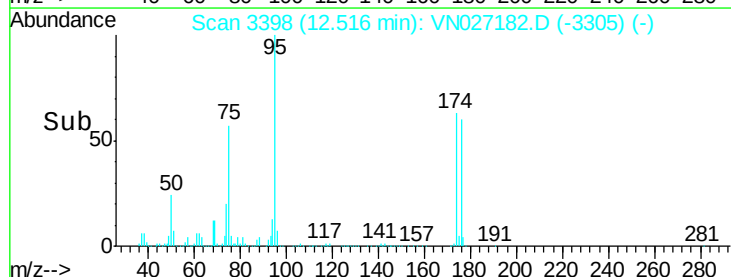
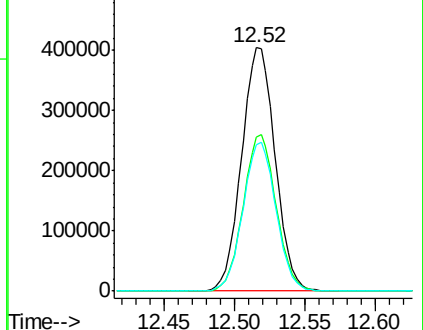
176 60.1 0.0 130.8

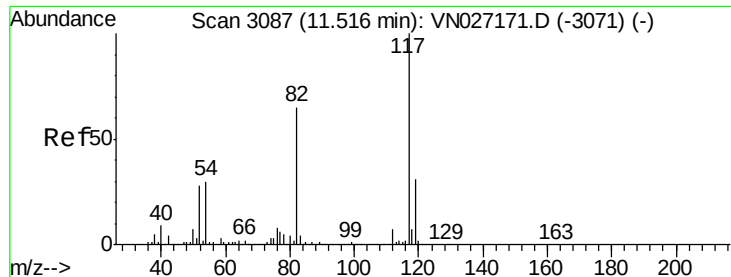


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

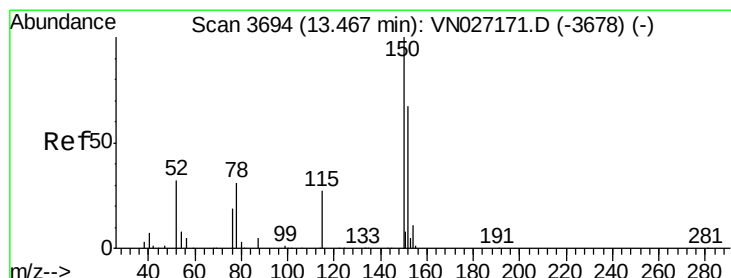
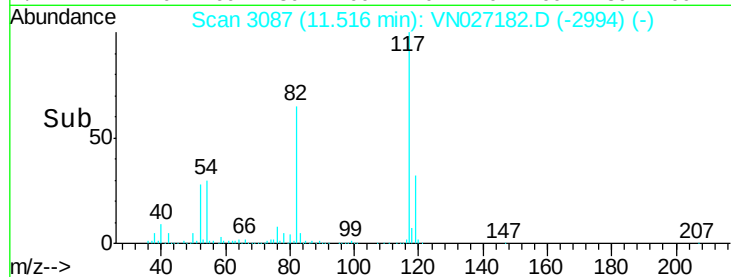
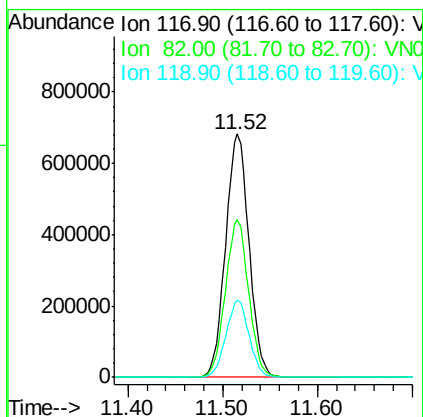
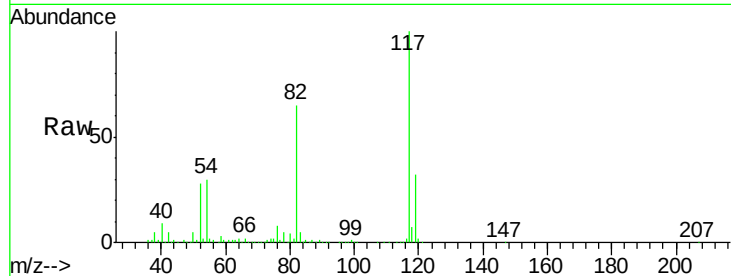




#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027182.D
Acq: 16 Sep 2015 00:43

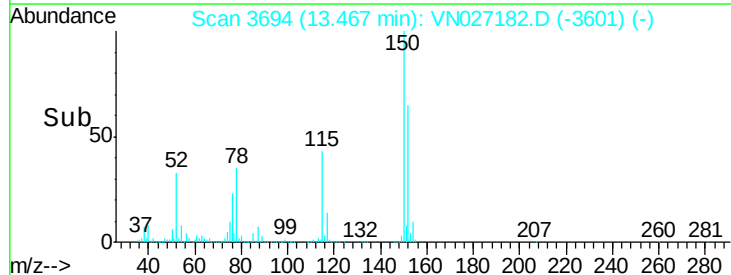
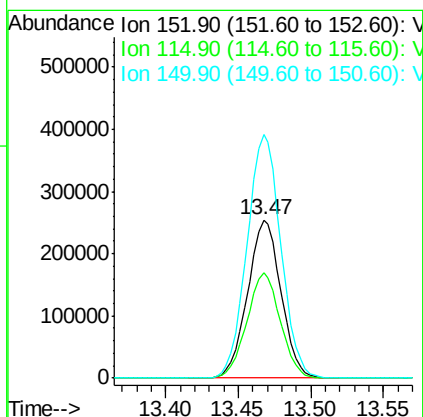
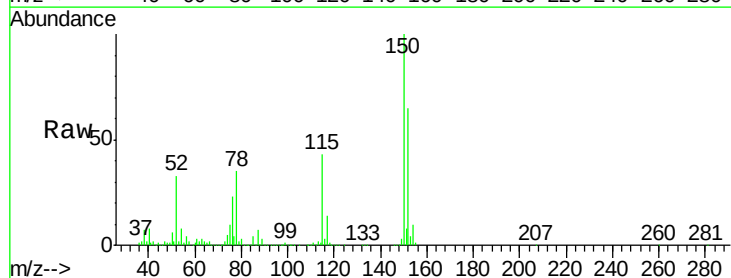
Instrument :
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ClientSampleId :
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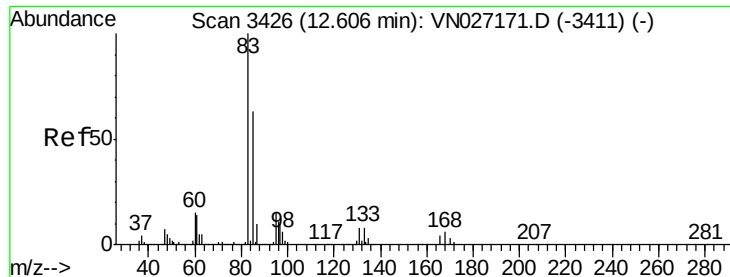
Tot Ion:117 Resp: 1174278
Ion Ratio Lower Upper
117 100
82 64.9 49.6 74.4
119 31.9 24.6 36.8



#73
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.47 min Scan# 3694
Delta R.T. 0.00 min
Lab File: VN027182.D
Acq: 16 Sep 2015 00:43

Tgt Ion:152 Resp: 408049
Ion Ratio Lower Upper
152 100
115 66.7 30.8 92.3
150 156.1 0.0 345.0





#76

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.61 min Scan# 3428

Delta R.T. 0.01 min

Lab File: VN027182.D

Acq: 16 Sep 2015 00:43

Instrument :

MSVOA_N

ClientSampleId :

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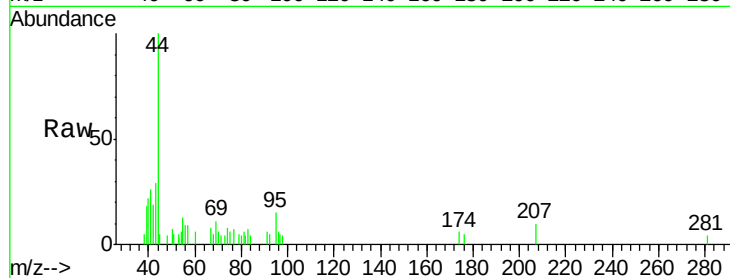
Tot Ion: 83 Resp: 349

Ion Ratio Lower Upper

83 100

131 0.0 4.1 12.3#

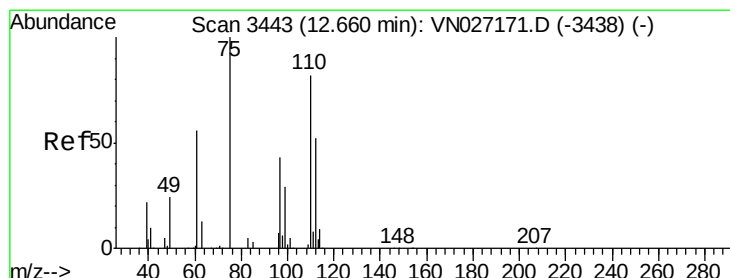
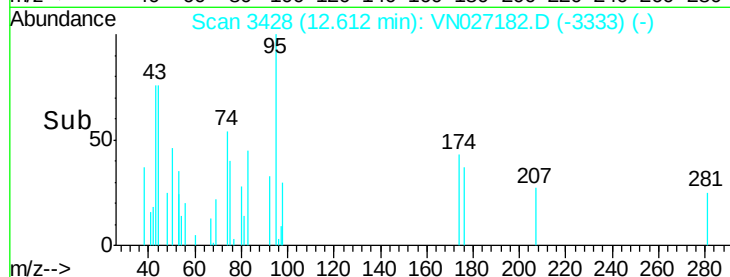
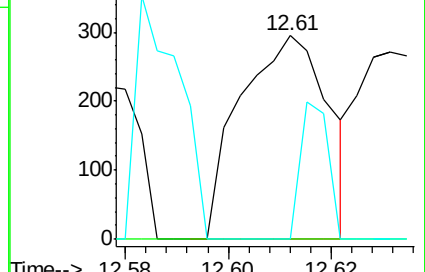
85 20.9 31.9 95.7#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#77

1,2,3-Trichloropropane

Concen: 31.45 ug/l

RT: 12.52 min Scan# 3398

Delta R.T. -0.14 min

Lab File: VN027182.D

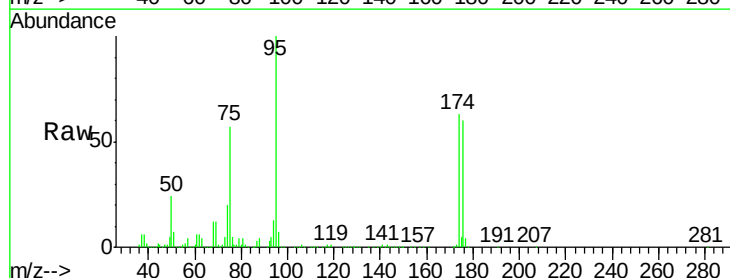
Acq: 16 Sep 2015 00:43

Tgt Ion: 75 Resp: 387794

Ion Ratio Lower Upper

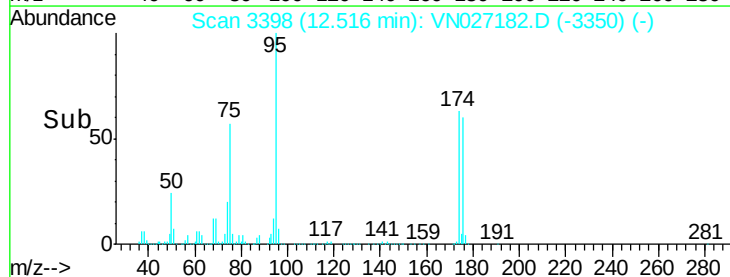
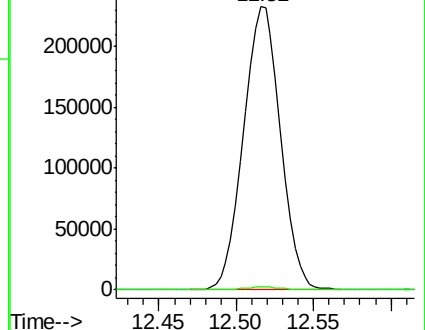
75 100

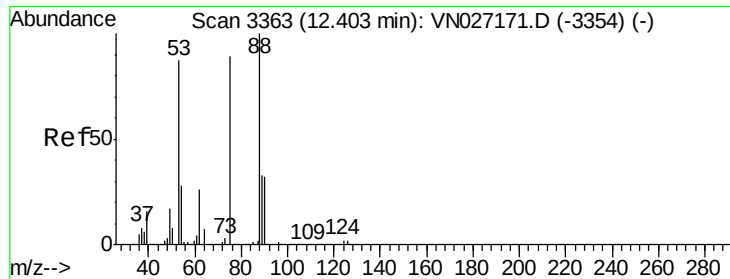
77 1.1 103.1 309.3#



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: 77.24 ug/l

RT: 12.52 min Scan# 3398

Delta R.T. 0.11 min

Lab File: VN027182.D

Acq: 16 Sep 2015 00:43

Instrument :

MSVOA_N

ClientSampled :

FIELDBLANK

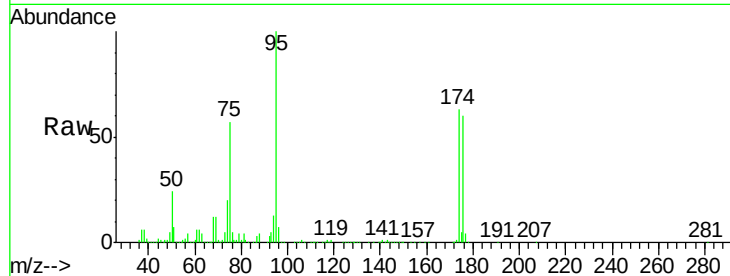
Tot Ion: 75 Resp: 387794

Ion Ratio Lower Upper

75 100

53 0.0 92.9 139.3#

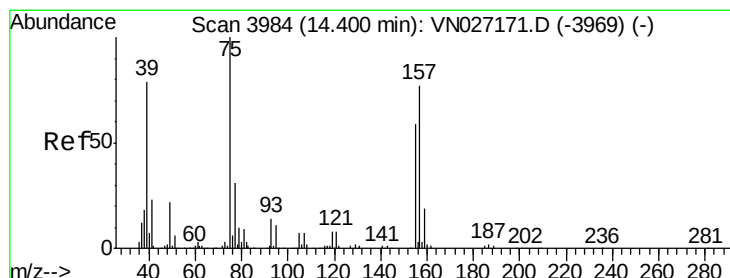
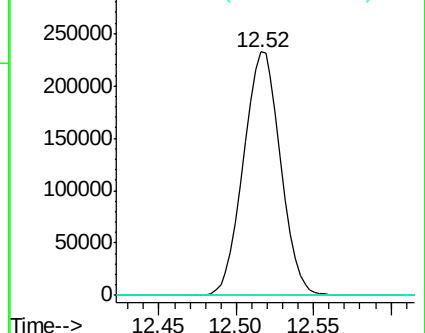
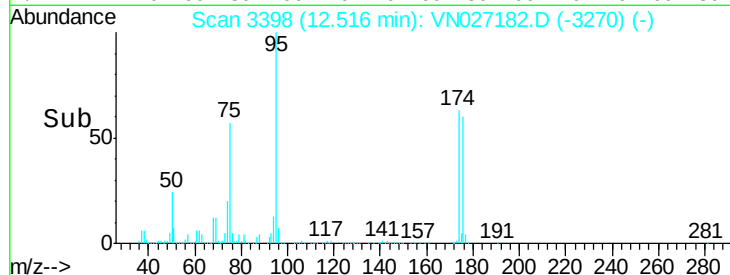
89 0.0 34.2 51.4#



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: 14.41 min Scan# 3988

Delta R.T. 0.01 min

Lab File: VN027182.D

Acq: 16 Sep 2015 00:43

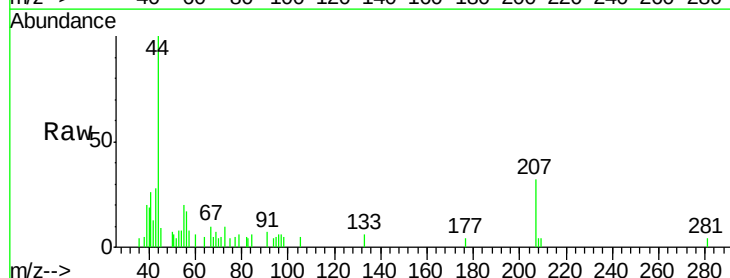
Tgt Ion: 75 Resp: 60

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

