

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007542.D
 Acq On : 14 Dec 2018 18:10
 Operator : SY/AP
 Sample : J6357-09RE
 Misc : 5.74G/5ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-09BRE

Quant Time: Dec 15 00:43:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	66786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	103041	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	75647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	25990	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	35492	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
35) Dibromofluoromethane	7.89	113	32040	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
50) Toluene-d8	10.32	98	112548	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
62) 4-Bromofluorobenzene	12.62	95	30358	35.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.60%	

Target Compounds

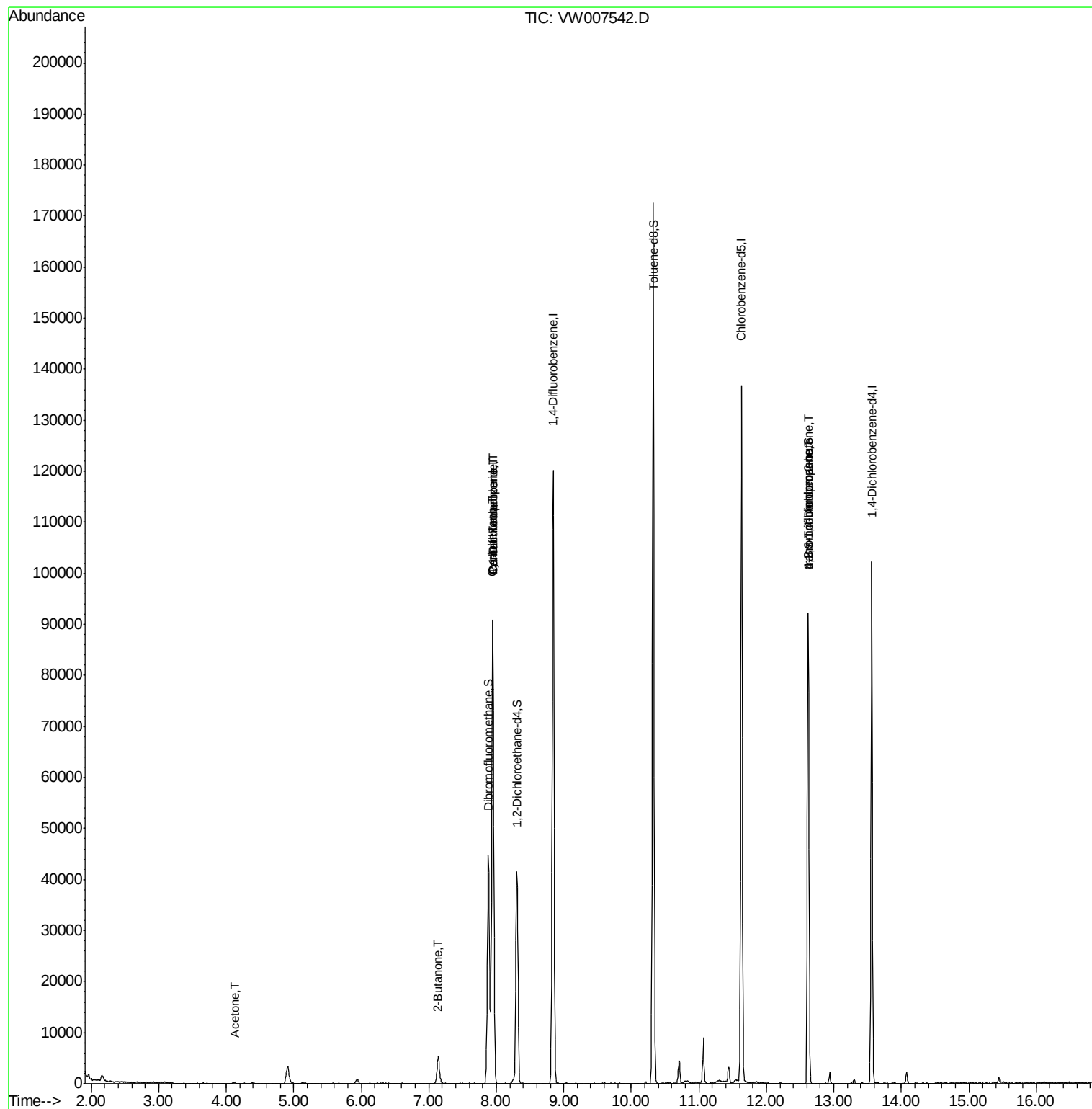
					Qvalue	
16) Acetone	4.14	43	530	4.095	ug/l	100
20) Methylene Chloride	4.91	84	2710	Below Cal	#	89
25) 2-Butanone	7.14	43	235	1.391	ug/l #	45
31) Cyclohexane	7.94	56	1409	1.224	ug/l #	49
36) 1,1-Dichloropropene	7.95	75	5100	5.426	ug/l #	50
38) Carbon Tetrachloride	7.95	117	7366	7.202	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	15708	73.301	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	15708	161.922	ug/l #	7

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007542.D

Acq: 14 Dec 2018 18:10

Instrument :

BNA_G

ClientSampleId :

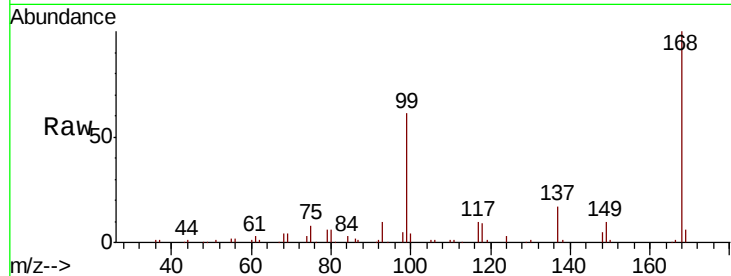
SB-09BRE

Tgt Ion: 168 Resp: 66786

Ion Ratio Lower Upper

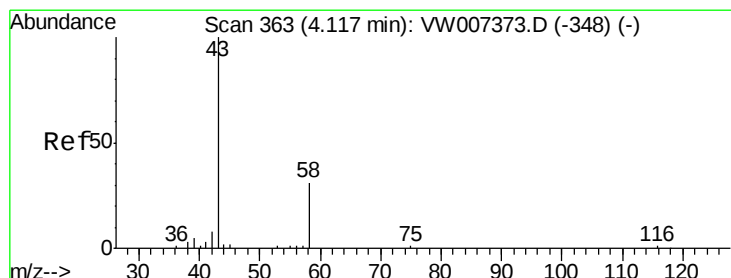
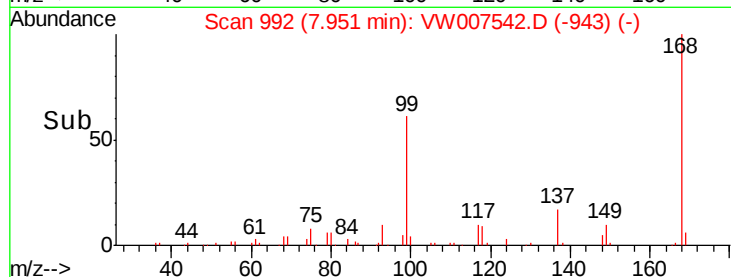
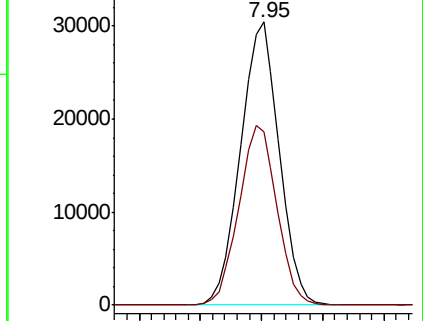
168 100

99 61.3 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 4.095 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW007542.D

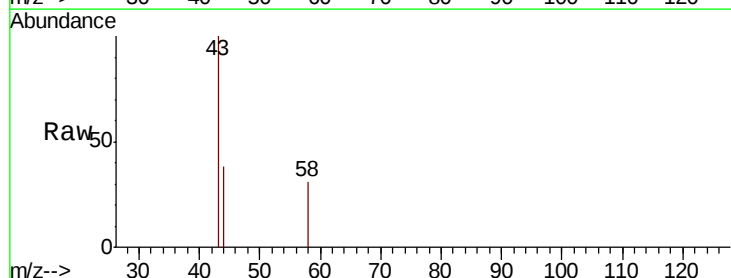
Acq: 14 Dec 2018 18:10

Tgt Ion: 43 Resp: 530

Ion Ratio Lower Upper

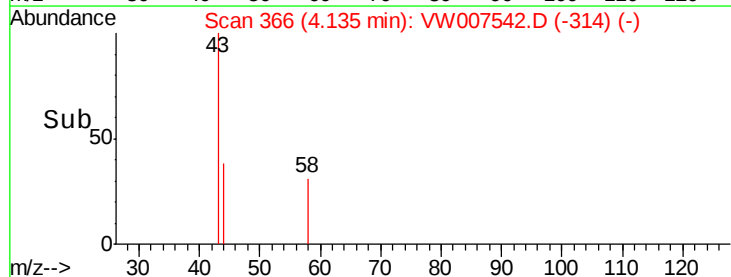
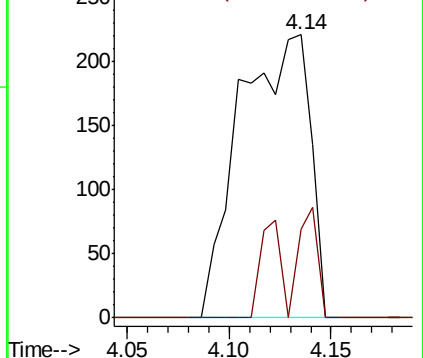
43 100

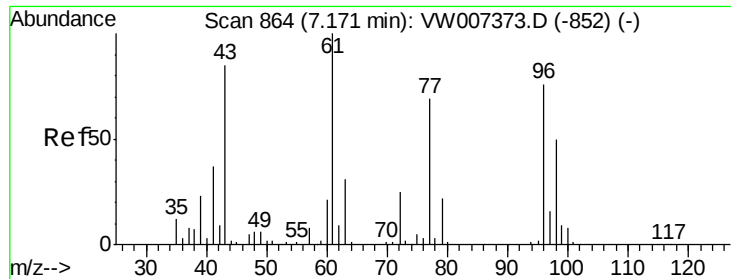
58 31.2 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

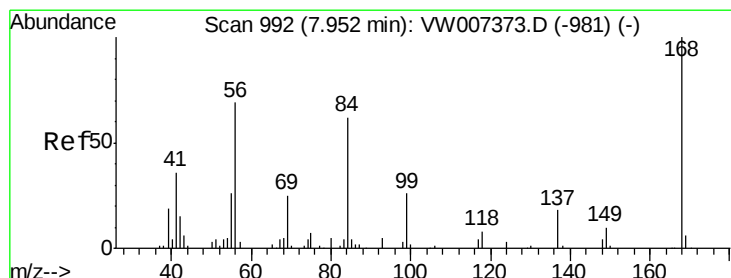
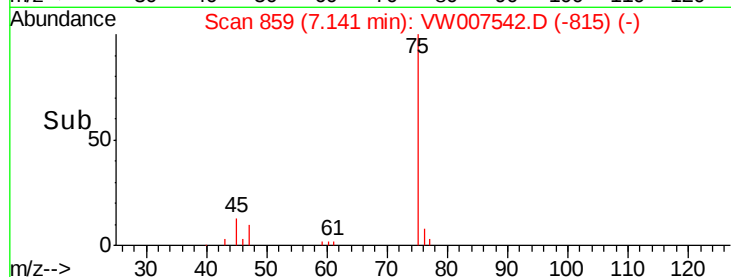
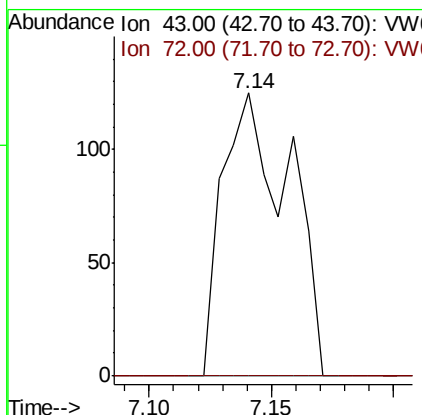
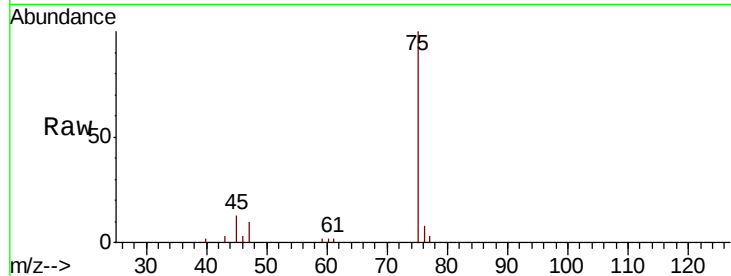




#25
2-Butanone
Concen: 1.391 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.03 min
Lab File: VW007542.D
Acq: 14 Dec 2018 18:10

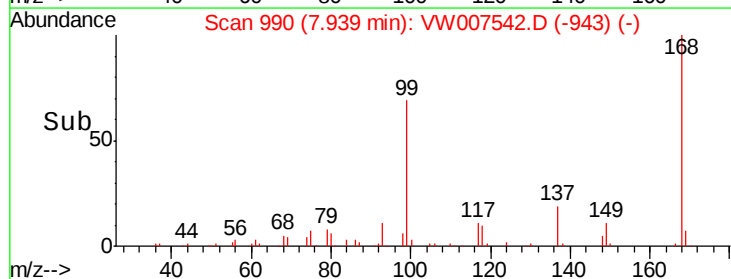
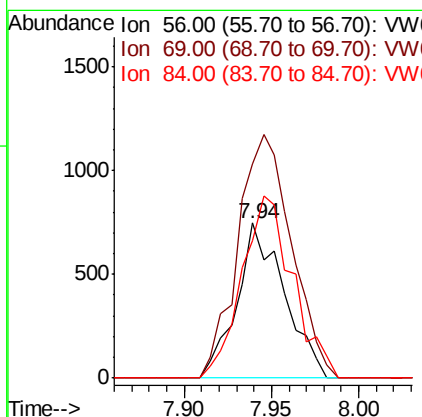
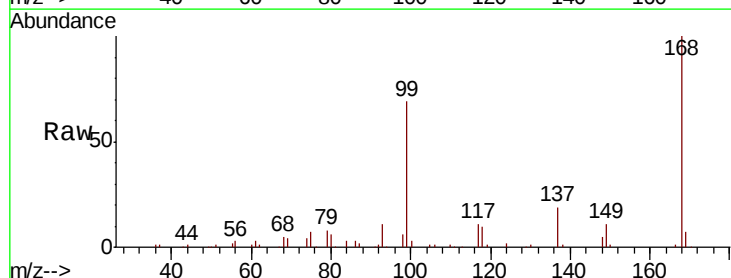
Instrument :
BNA_G
ClientSampled :
SB-09BRE

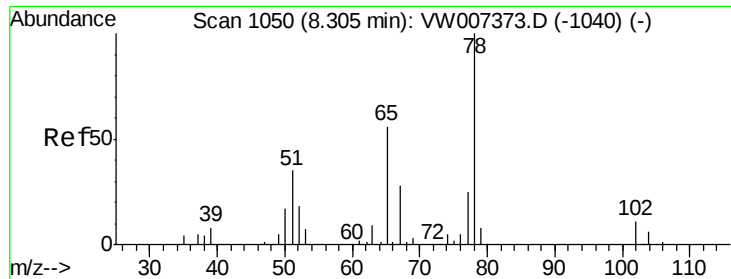
Tgt Ion: 43 Resp: 235
Ion Ratio Lower Upper
43 100
72 0.0 23.4 35.2#



#31
Cyclohexane
Concen: 1.224 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW007542.D
Acq: 14 Dec 2018 18:10

Tgt Ion: 56 Resp: 1409
Ion Ratio Lower Upper
56 100
69 138.3 28.9 43.3#
84 88.5 71.8 107.6

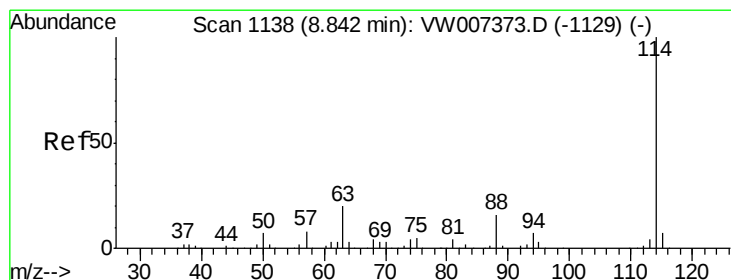
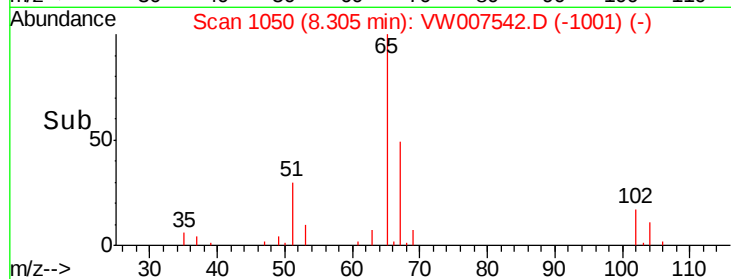
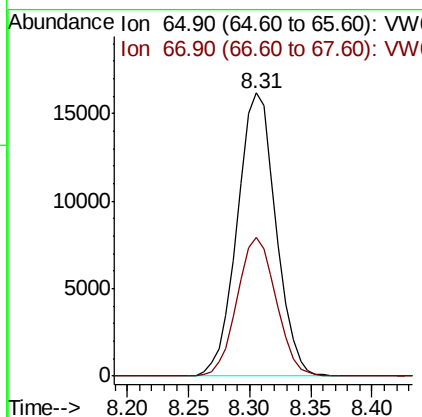
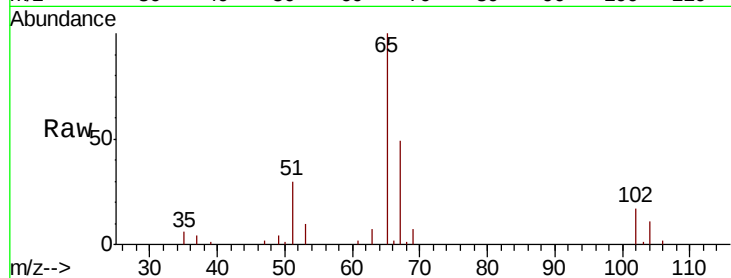




#33
 1,2-Dichloroethane-d4
 Concen: 47.901 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007542.D
 Acq: 14 Dec 2018 18:10

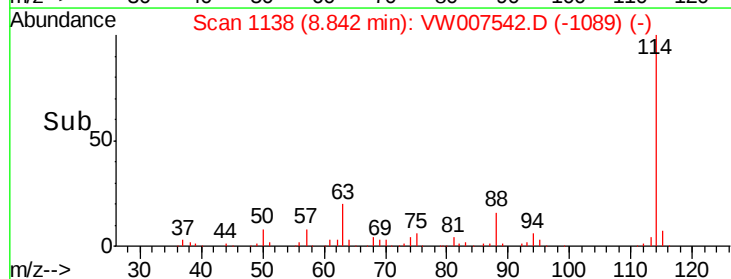
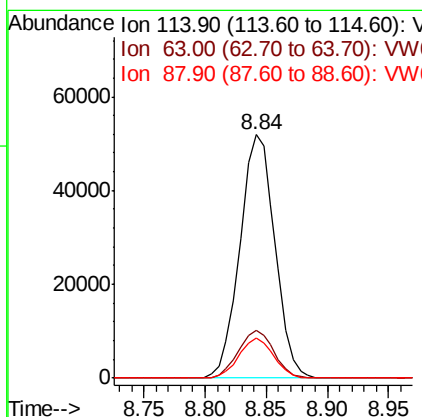
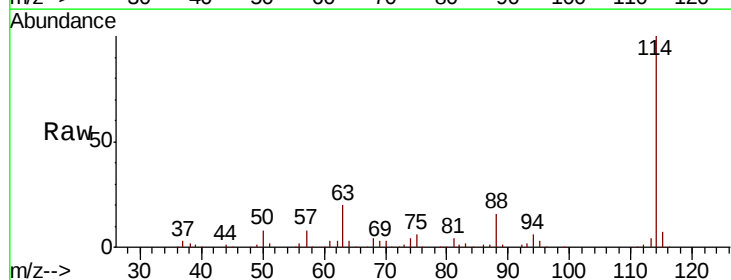
Instrument :
 BNA_G
 ClientSampleId :
 SB-09BRE

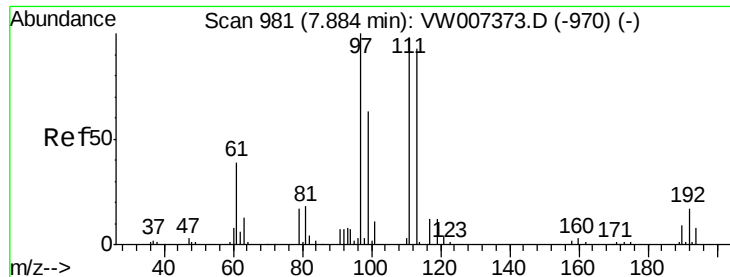
Tgt Ion: 65 Resp: 35492
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007542.D
 Acq: 14 Dec 2018 18:10

Tgt Ion: 114 Resp: 103041
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.6
 88 16.3 0.0 31.4

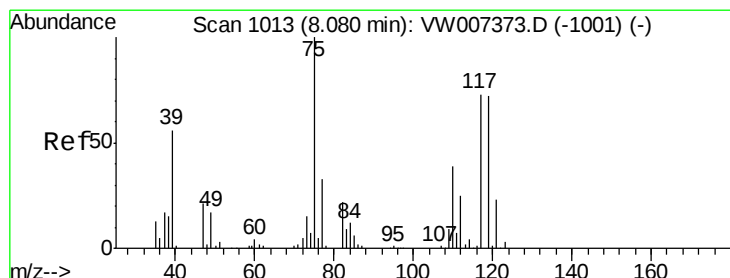
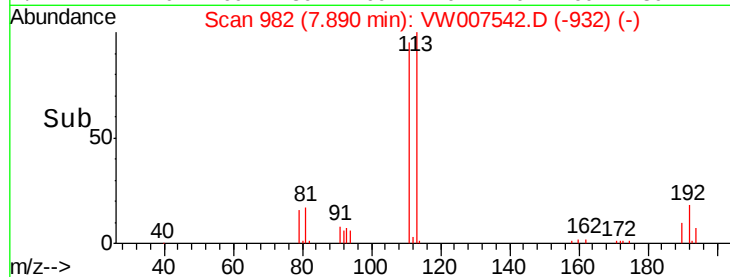
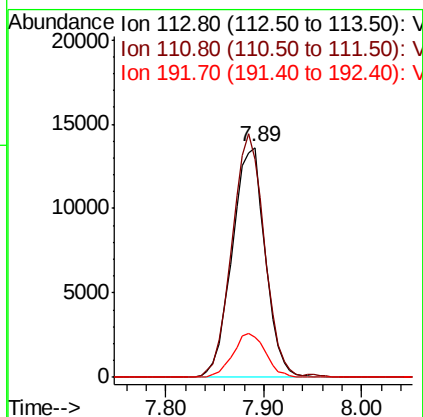
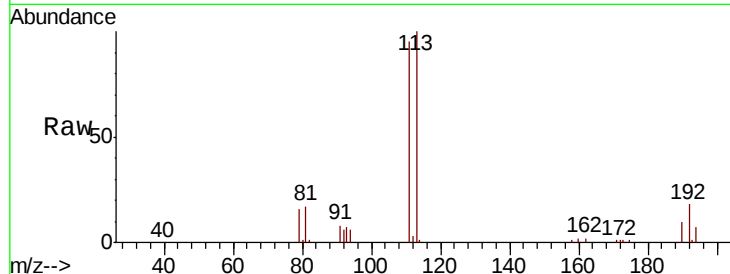




#35
 Dibromofluoromethane
 Concen: 51.367 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW007542.D
 Acq: 14 Dec 2018 18:10

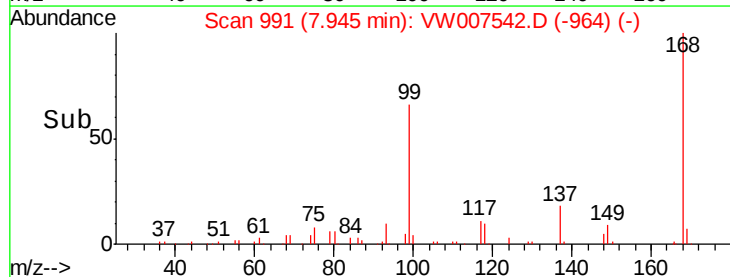
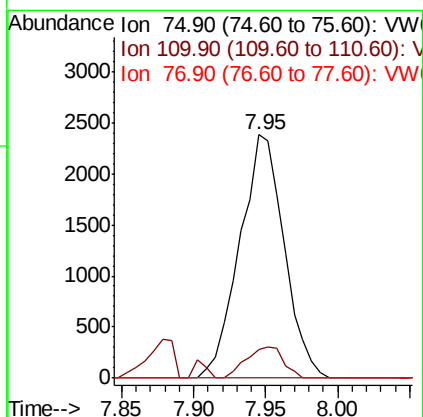
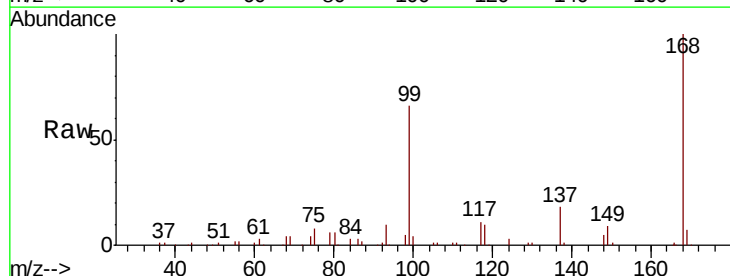
Instrument :
 BNA_G
 ClientSampleId :
 SB-09BRE

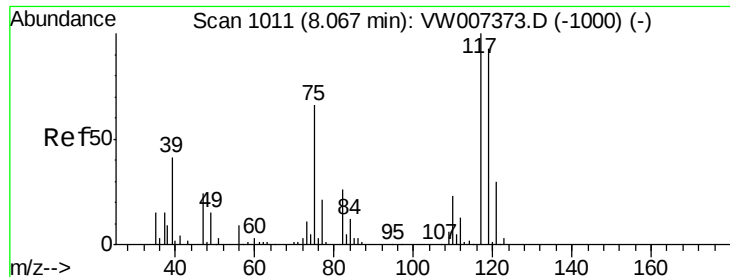
Tgt Ion: 113 Resp: 32040
 Ion Ratio Lower Upper
 113 100
 111 104.1 81.1 121.7
 192 18.7 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 5.426 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007542.D
 Acq: 14 Dec 2018 18:10

Tgt Ion: 75 Resp: 5100
 Ion Ratio Lower Upper
 75 100
 110 10.6 18.5 55.5#
 77 0.0 25.6 38.4#

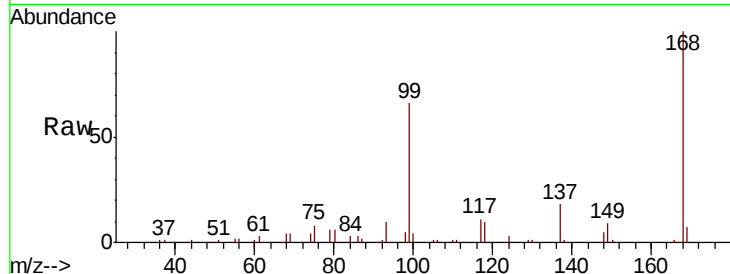




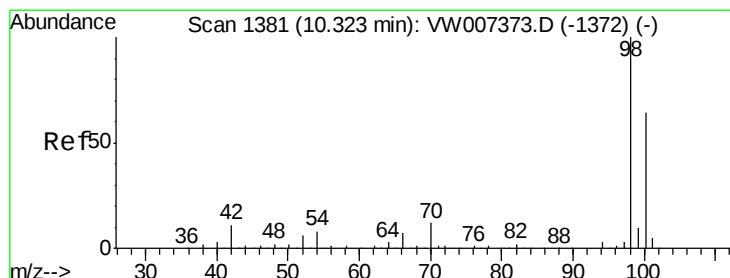
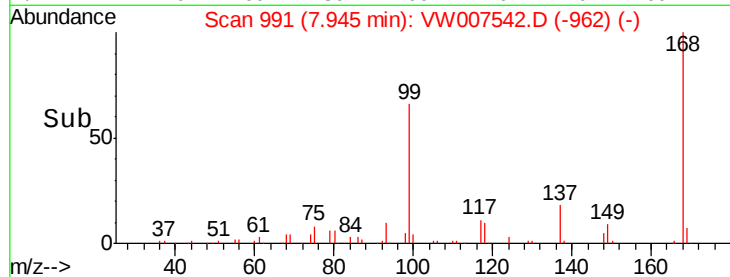
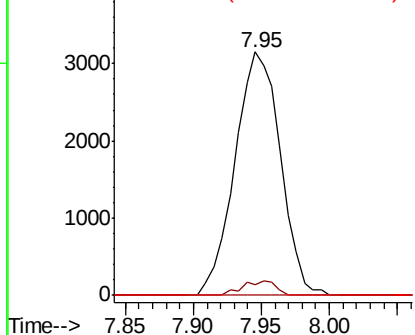
#38
Carbon Tetrachloride
Concen: 7.202 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007542.D
Acq: 14 Dec 2018 18:10

Instrument :
BNA_G
ClientSampleId :
SB-09BRE

Tgt Ion: 117 Resp: 7366
Ion Ratio Lower Upper
117 100
119 4.4 74.3 111.5#
121 0.0 24.3 36.5#

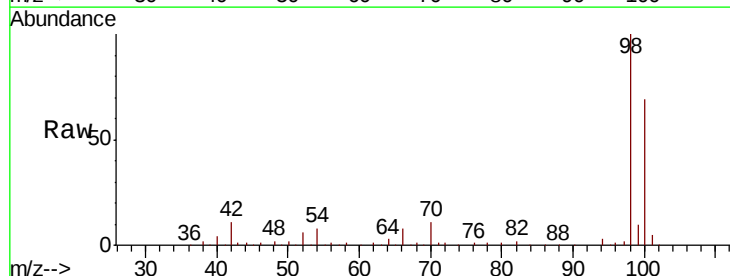


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

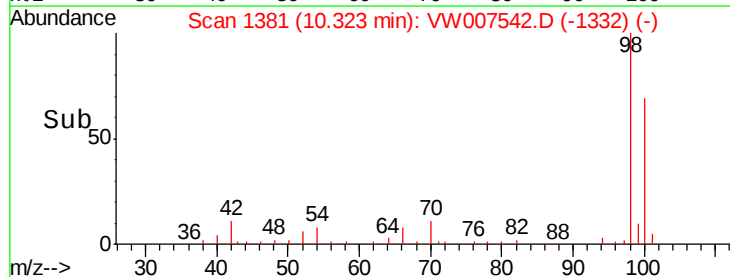
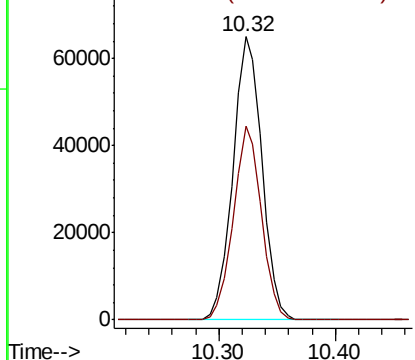


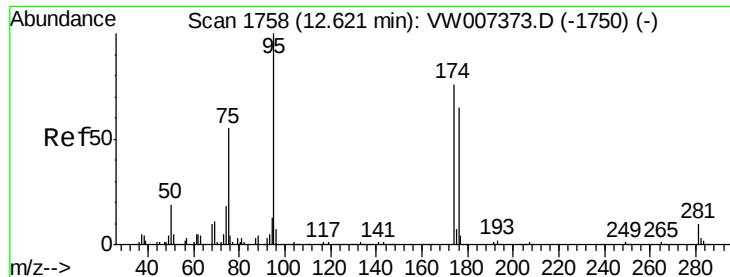
#50
Toluene-d8
Concen: 48.124 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007542.D
Acq: 14 Dec 2018 18:10

Tgt Ion: 98 Resp: 112548
Ion Ratio Lower Upper
98 100
100 66.0 51.8 77.8



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





#62

4-Bromofluorobenzene

Concen: 35.305 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007542.D

Acq: 14 Dec 2018 18:10

Instrument :

BNA_G

ClientSampleId :

SB-09BRE

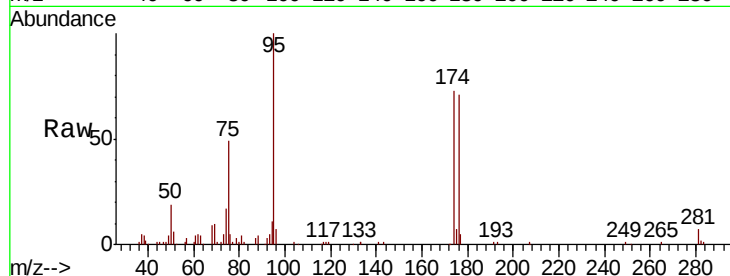
Tgt Ion: 95 Resp: 30358

Ion Ratio Lower Upper

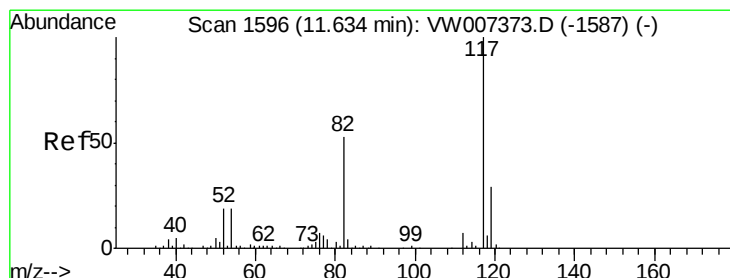
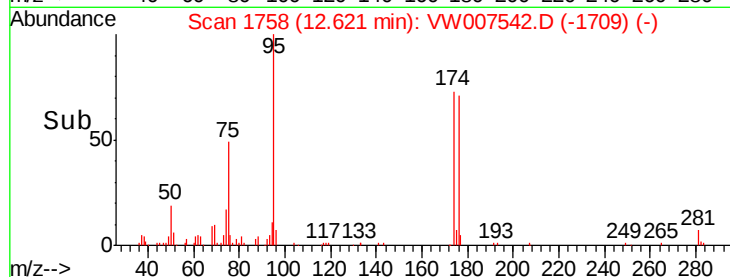
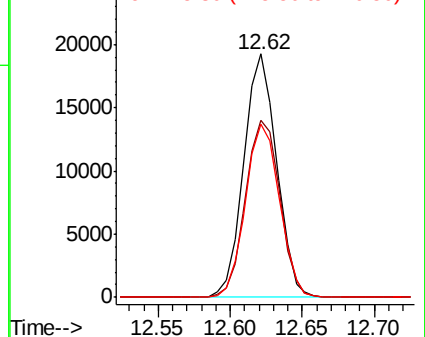
95 100

174 75.9 0.0 147.2

176 73.8 0.0 138.8



Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW007542.D

Acq: 14 Dec 2018 18:10

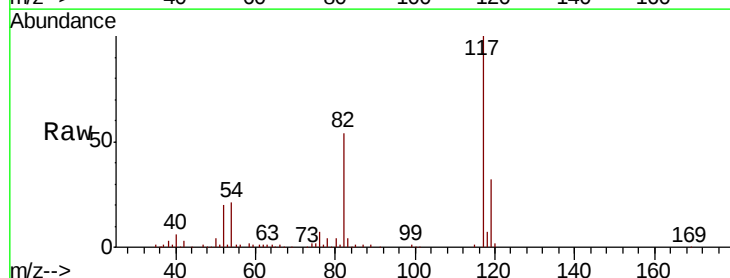
Tgt Ion: 117 Resp: 75647

Ion Ratio Lower Upper

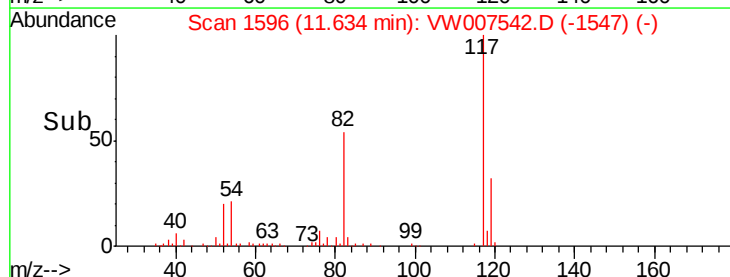
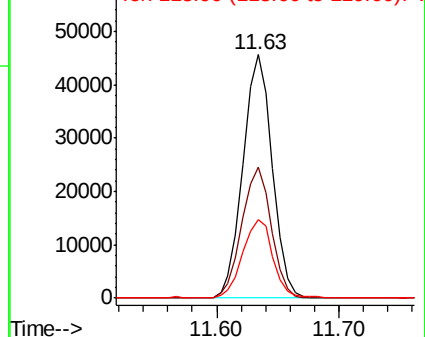
117 100

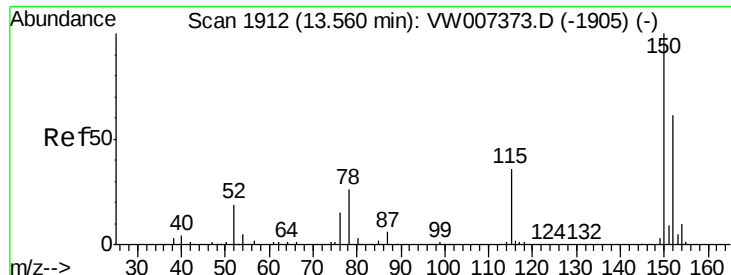
82 53.8 42.3 63.5

119 32.1 23.0 34.6



Abundance Ion 116.90 (116.60 to 117.60): VW
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007542.D

Acq: 14 Dec 2018 18:10

Instrument :

BNA_G

ClientSampleId :

SB-09BRE

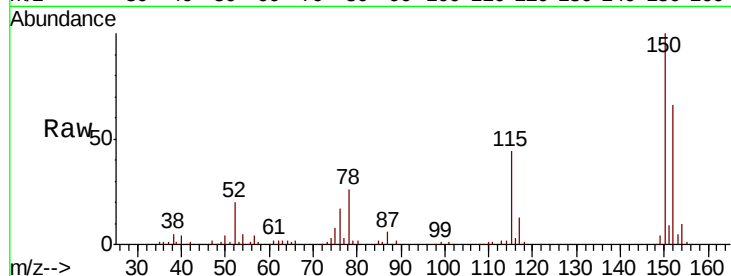
Tgt Ion:152 Resp: 25990

Ion Ratio Lower Upper

152 100

115 63.5 31.4 94.2

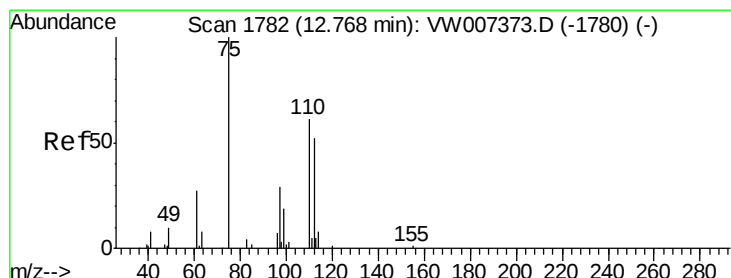
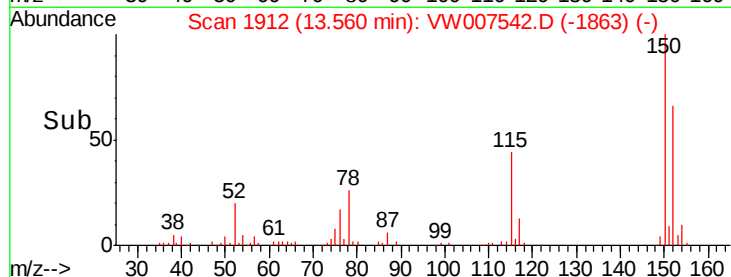
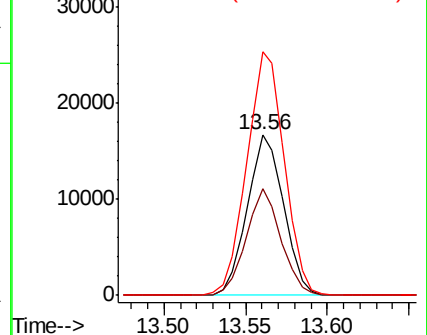
150 156.1 0.0 358.4



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

1,2,3-Trichloropropane

Concen: 73.301 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007542.D

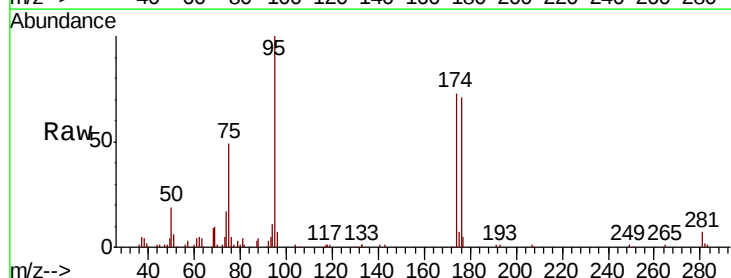
Acq: 14 Dec 2018 18:10

Tgt Ion: 75 Resp: 15708

Ion Ratio Lower Upper

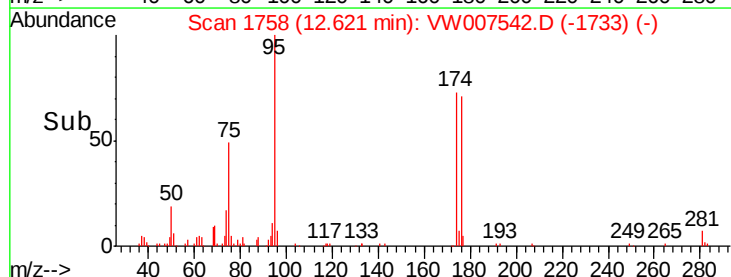
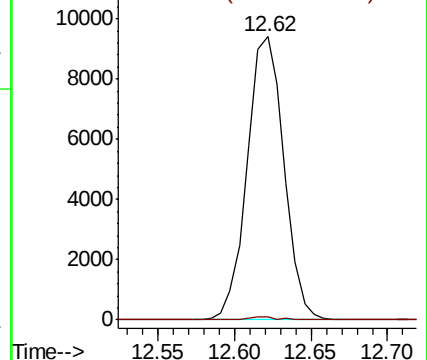
75 100

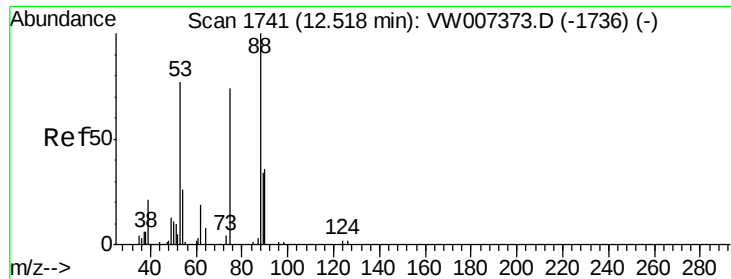
77 0.8 166.9 500.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 161.922 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007542.D

Acq: 14 Dec 2018 18:10

Instrument :

BNA_G

ClientSampleId :

SB-09BRE

Tgt Ion: 75 Resp: 15708

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#

