

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007554.D
 Acq On : 15 Dec 2018 01:30
 Operator : SY/AP
 Sample : J6391-13
 Misc : 3.82G/5ML/MSVOA_W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS017-0612-01

Quant Time: Dec 15 03:57:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 15 03:35:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	55734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	88681	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	61213	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	16780	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	33512	54.20	ug/l	0.00
Spiked Amount			Recovery	=	108.40%	
35) Dibromofluoromethane	7.88	113	29337	54.65	ug/l	0.00
Spiked Amount			Recovery	=	109.30%	
50) Toluene-d8	10.32	98	92421	45.92	ug/l	0.00
Spiked Amount			Recovery	=	91.84%	
62) 4-Bromofluorobenzene	12.62	95	22249	30.06	ug/l	0.00
Spiked Amount			Recovery	=	60.12%	

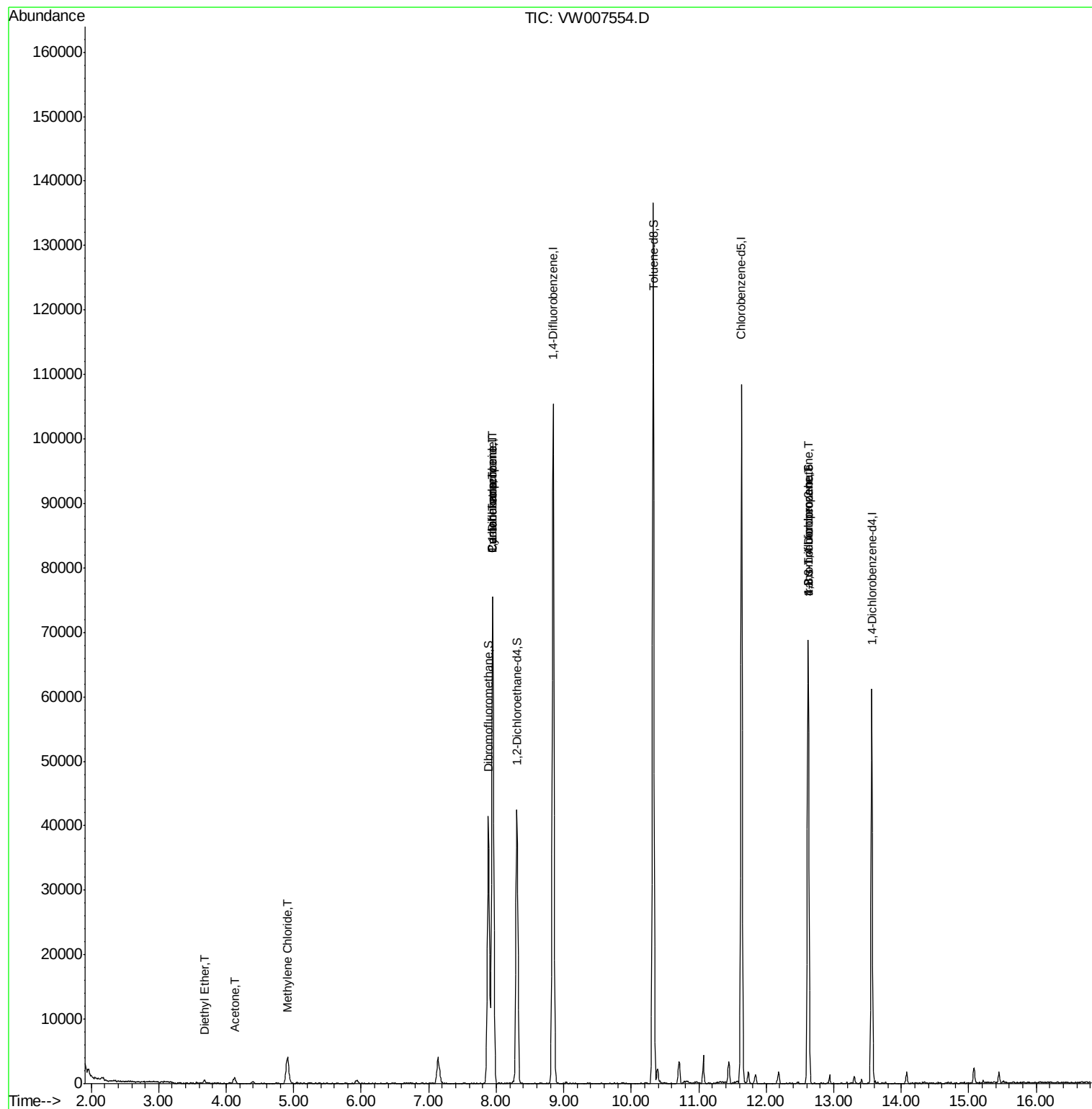
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	288	1.069	ug/l	96
16) Acetone	4.13	43	1652	15.296	ug/l	90
20) Methylene Chloride	4.92	84	3328	1.863	ug/l	89
31) Cyclohexane	7.95	56	1105	1.150	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	4276	5.286	ug/l #	49
38) Carbon Tetrachloride	7.95	117	5876	6.676	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	11671	84.355	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	11671	186.341	ug/l #	7

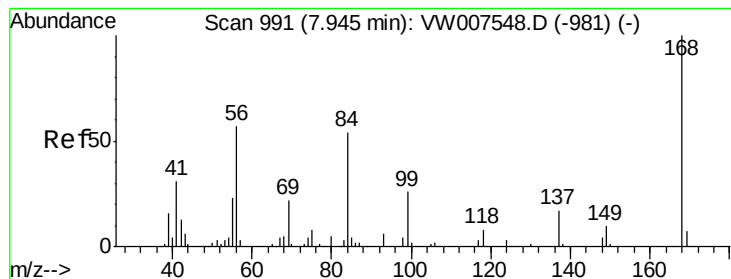
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007554.D

Acq: 15 Dec 2018 01:30

Instrument :

BNA_G

ClientSampleId :

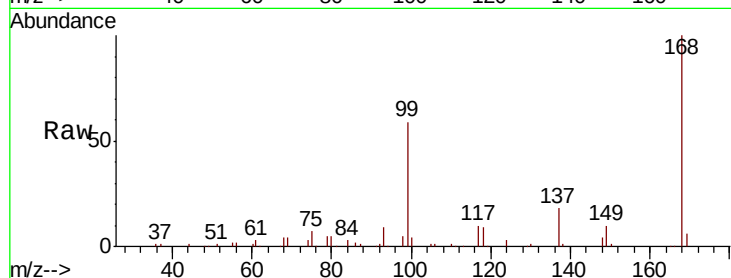
P001-SS017-0612-01

Tgt Ion: 168 Resp: 55734

Ion Ratio Lower Upper

168 100

99 58.7 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

25000

20000

15000

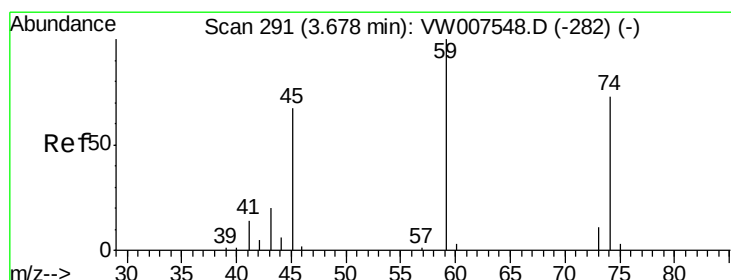
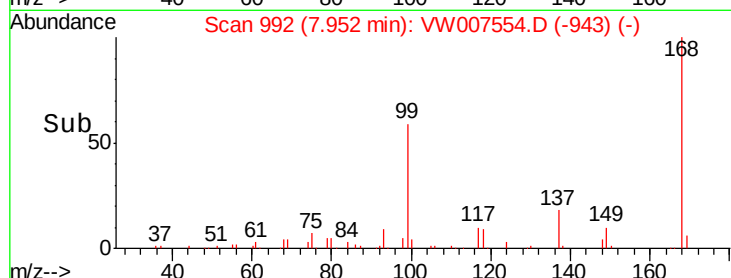
10000

5000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#8

Diethyl Ether

Concen: 1.069 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW007554.D

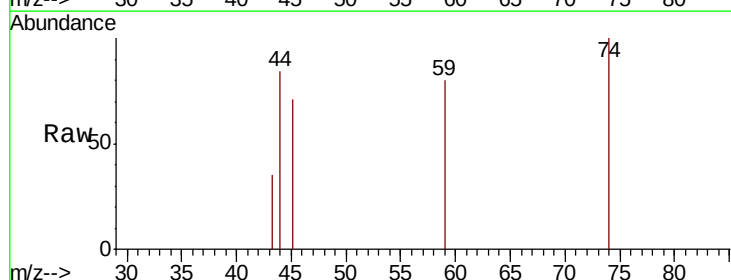
Acq: 15 Dec 2018 01:30

Tgt Ion: 74 Resp: 288

Ion Ratio Lower Upper

74 100

45 81.9 43.0 129.0



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

200

150

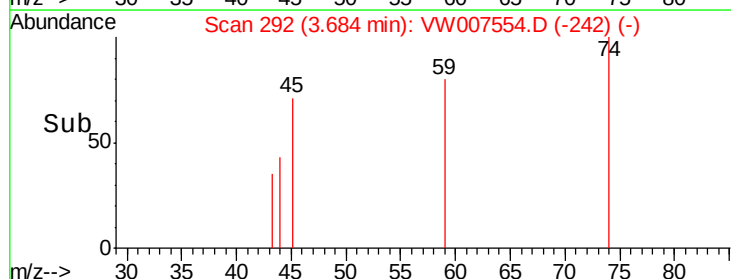
100

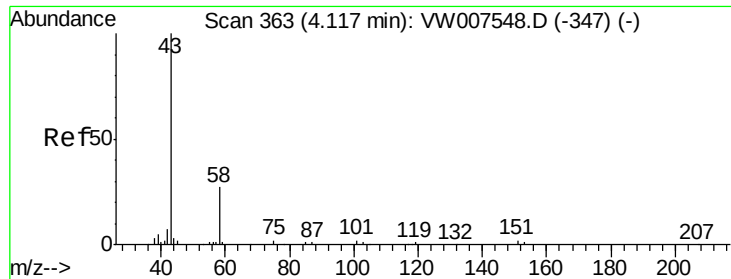
50

0

3.65 3.68 3.70

Time-->





#16

Acetone

Concen: 15.296 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007554.D

Acq: 15 Dec 2018 01:30

Instrument :

BNA_G

ClientSampleId :

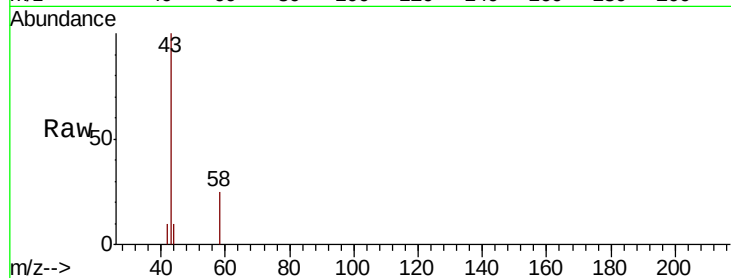
P001-SS017-0612-01

Tgt Ion: 43 Resp: 1652

Ion Ratio Lower Upper

43 100

58 25.3 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

800

600

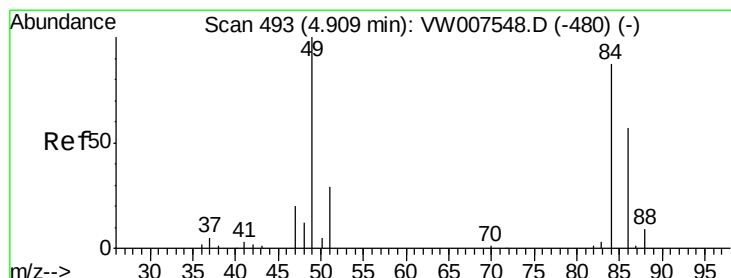
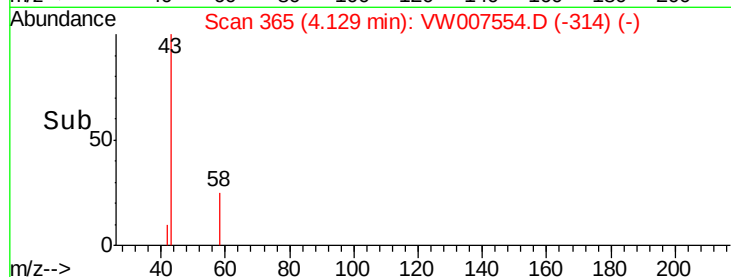
400

200

0

Time-->

4.05 4.10 4.15 4.20



#20

Methylene Chloride

Concen: 1.863 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW007554.D

Acq: 15 Dec 2018 01:30

Tgt Ion: 84 Resp: 3328

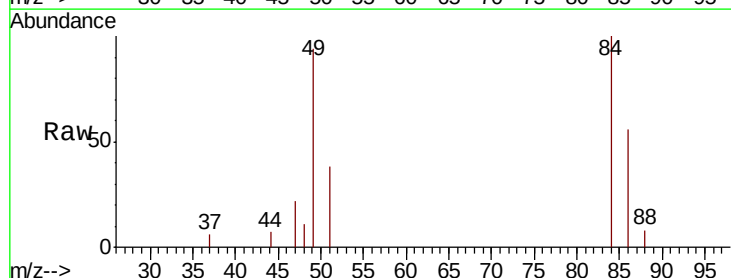
Ion Ratio Lower Upper

84 100

49 93.9 87.1 130.7

51 38.4 28.2 42.2

86 56.2 50.8 76.2



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

1500

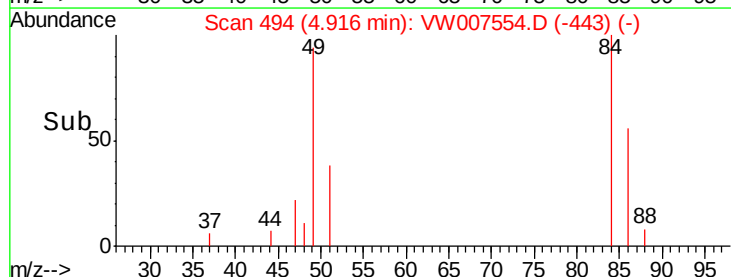
1000

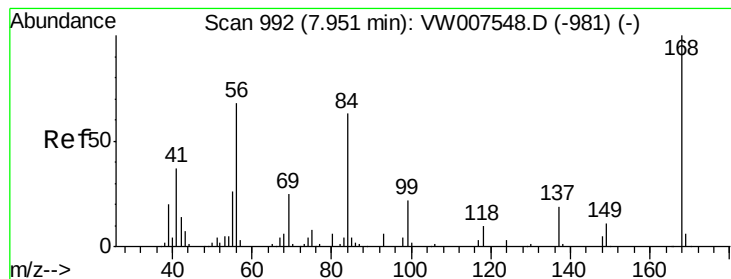
500

0

Time-->

4.80 4.85 4.90 4.95 5.00





#31

Cyclohexane

Concen: 1.150 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007554.D

Acq: 15 Dec 2018 01:30

Instrument :

BNA_G

ClientSampleId :

P001-SS017-0612-01

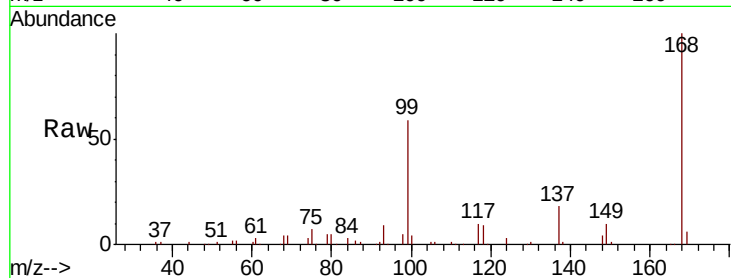
Tgt Ion: 56 Resp: 1105

Ion Ratio Lower Upper

56 100

69 173.1 28.9 43.3#

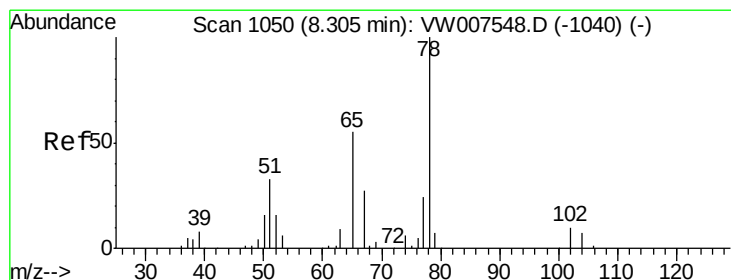
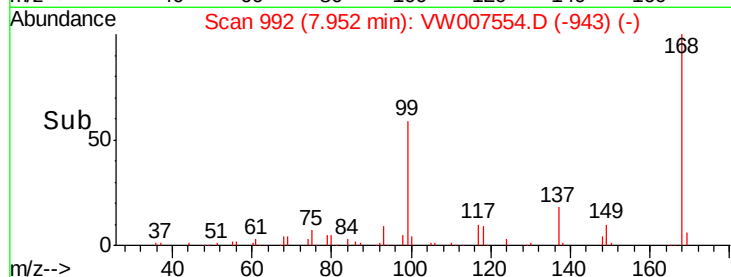
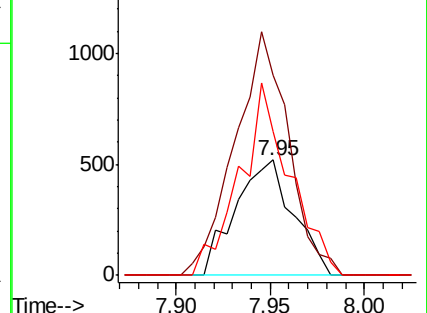
84 124.2 71.8 107.6#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 54.198 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW007554.D

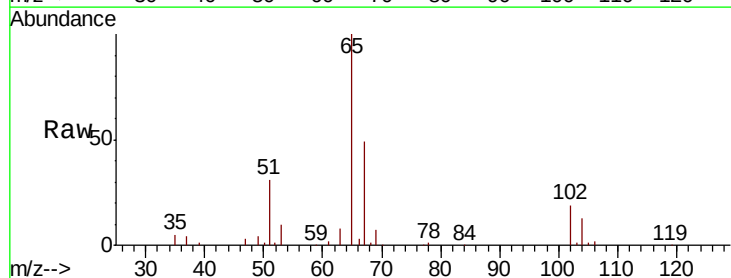
Acq: 15 Dec 2018 01:30

Tgt Ion: 65 Resp: 33512

Ion Ratio Lower Upper

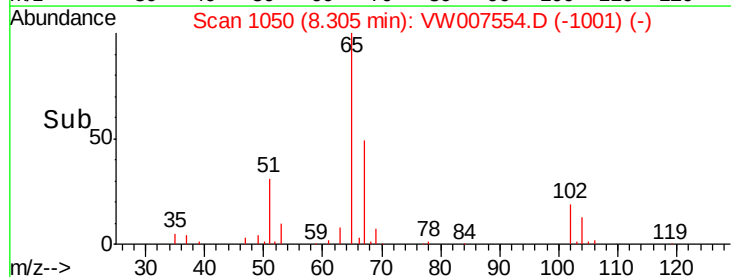
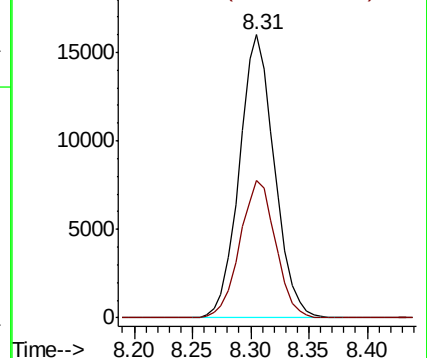
65 100

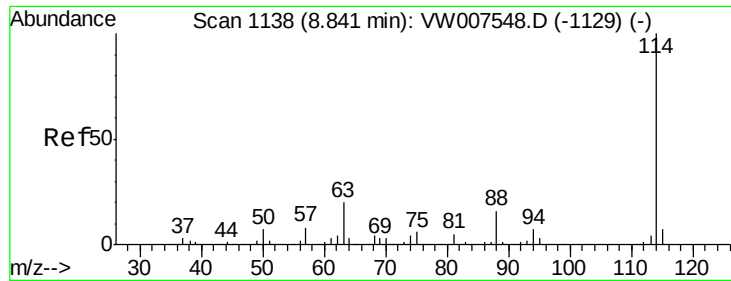
67 49.2 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

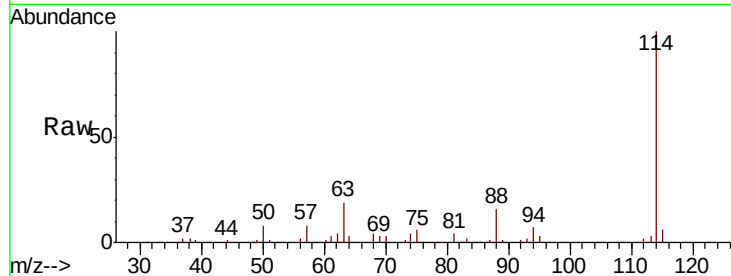




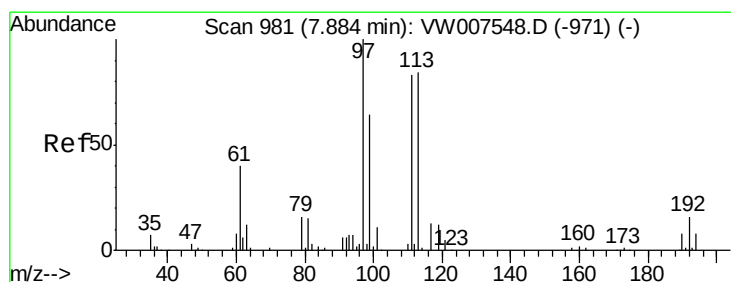
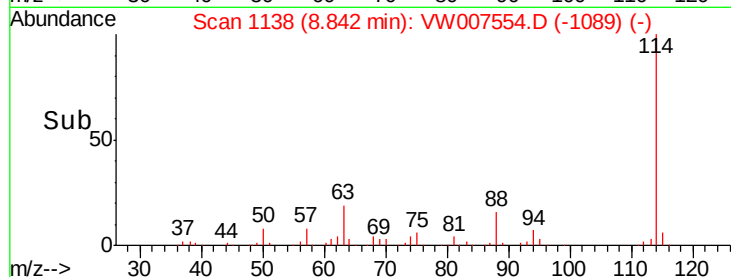
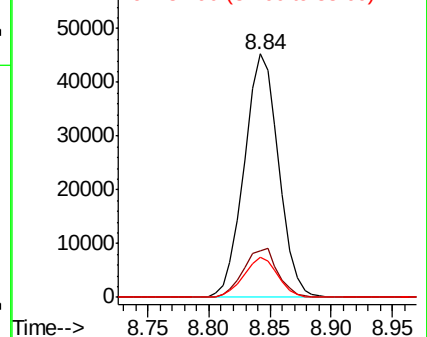
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007554.D
 Acq: 15 Dec 2018 01:30

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS017-0612-01

Tgt Ion:114 Resp: 88681
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.6
 88 16.5 0.0 31.4

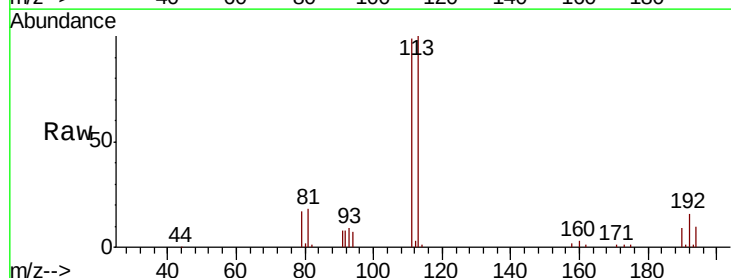


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VV
 Ion 87.90 (87.60 to 88.60): VV

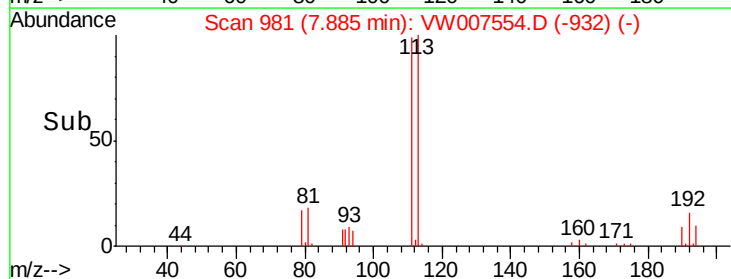
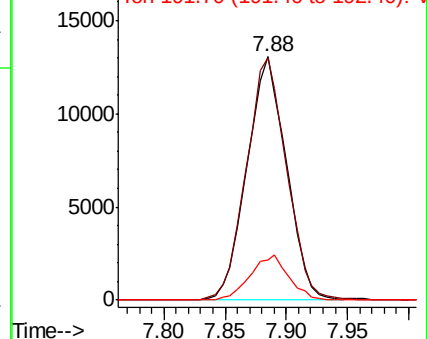


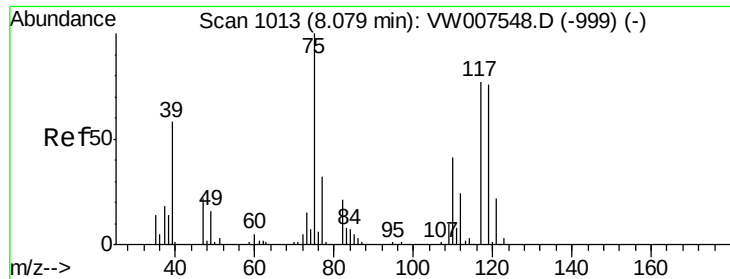
#35
 Dibromofluoromethane
 Concen: 54.649 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007554.D
 Acq: 15 Dec 2018 01:30

Tgt Ion:113 Resp: 29337
 Ion Ratio Lower Upper
 113 100
 111 101.1 81.1 121.7
 192 17.9 14.6 21.8



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

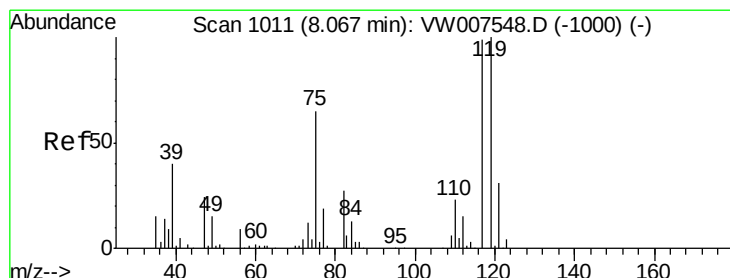
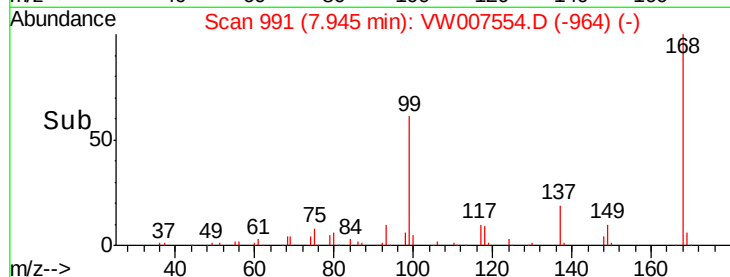
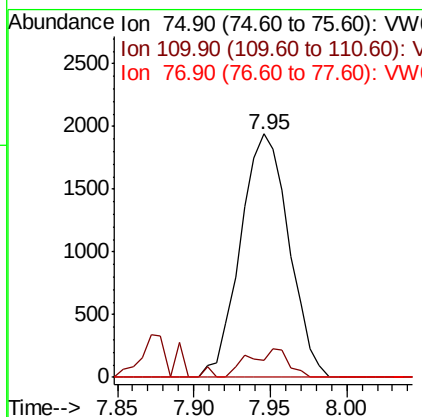
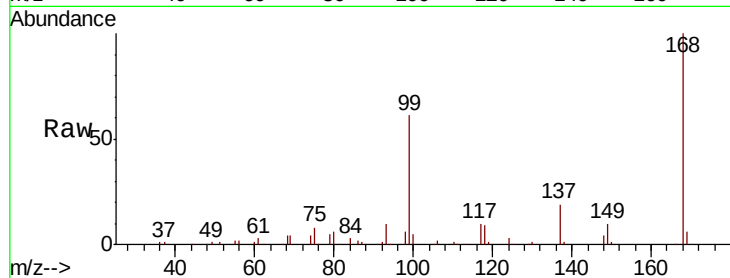




#36
 1,1-Dichloropropene
 Concen: 5.286 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007554.D
 Acq: 15 Dec 2018 01:30

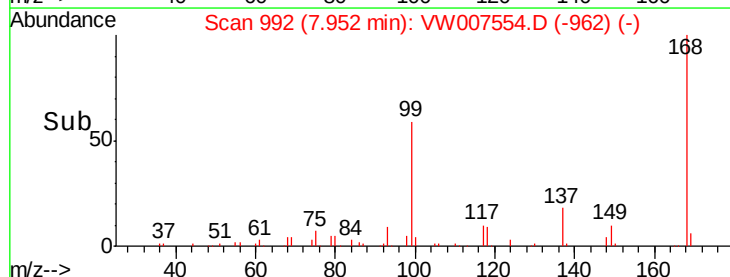
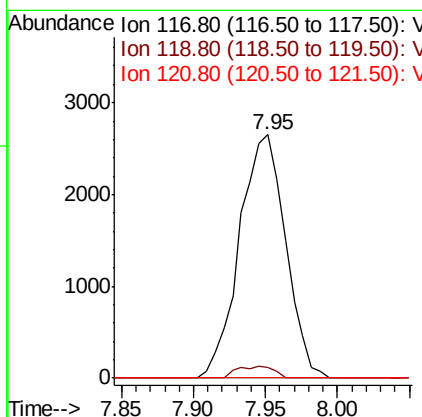
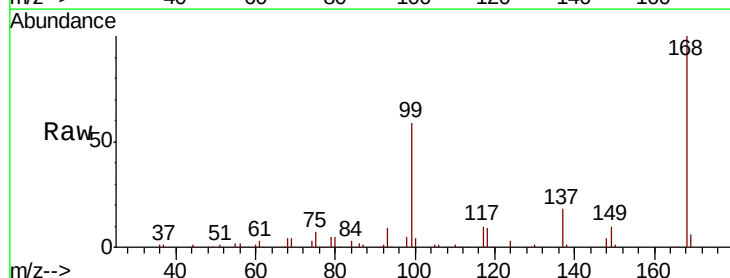
Instrument :
 BNA_G
 ClientSampleId :
 P001-SS017-0612-01

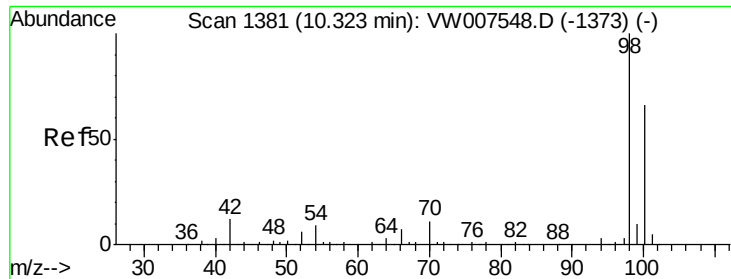
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.6	18.5	55.5#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 6.676 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007554.D
 Acq: 15 Dec 2018 01:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.6	74.3	111.5#
121	0.0	24.3	36.5#





#50

Toluene-d8

Concen: 45.917 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW007554.D

Acq: 15 Dec 2018 01:30

Instrument :

BNA_G

ClientSampleId :

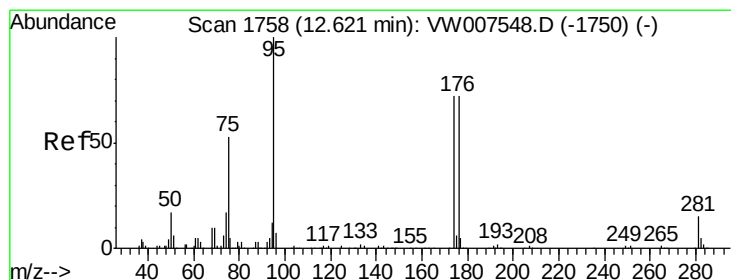
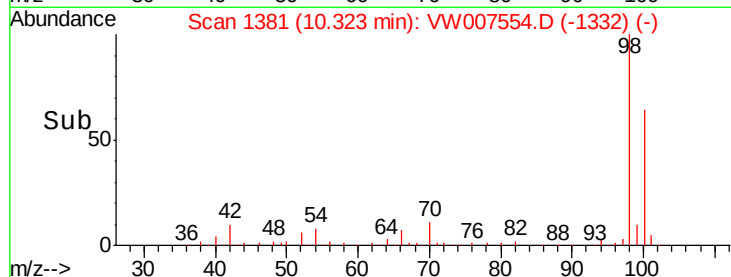
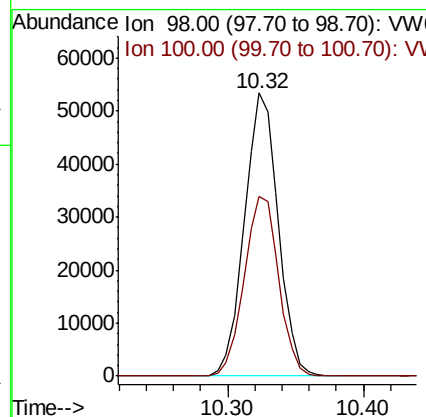
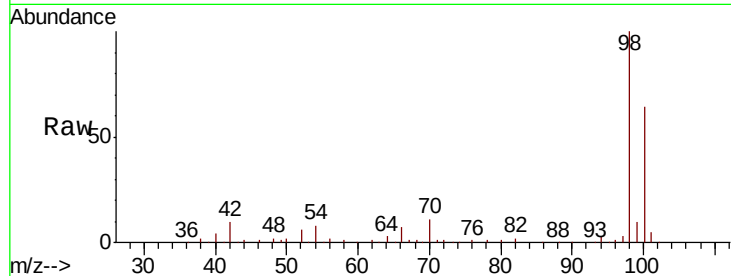
P001-SS017-0612-01

Tgt Ion: 98 Resp: 92421

Ion Ratio Lower Upper

98 100

100 65.1 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 30.064 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007554.D

Acq: 15 Dec 2018 01:30

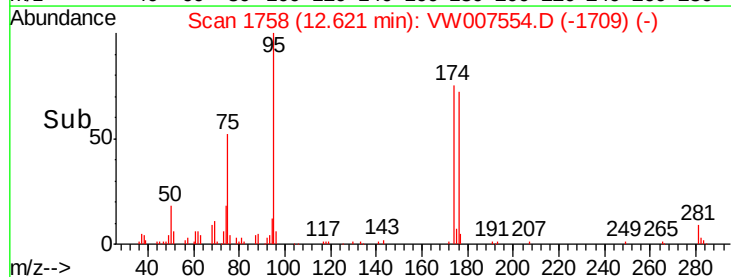
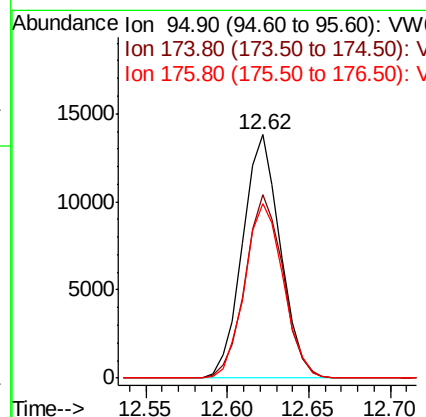
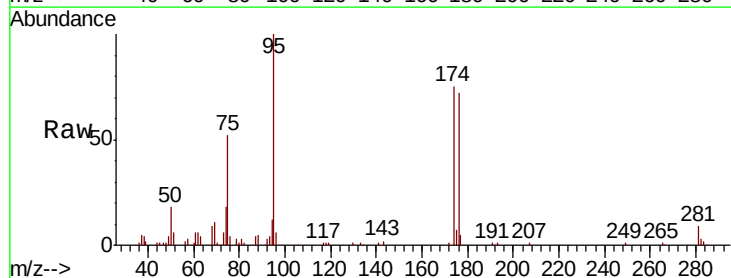
Tgt Ion: 95 Resp: 22249

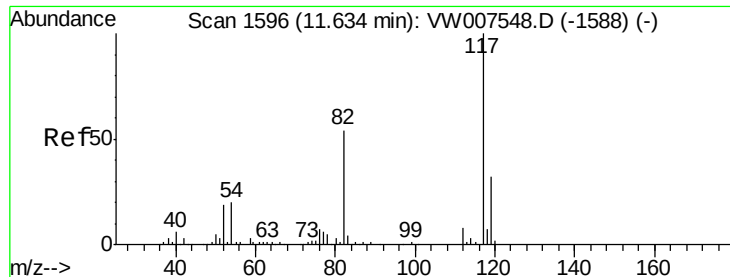
Ion Ratio Lower Upper

95 100

174 75.9 0.0 147.2

176 73.0 0.0 138.8

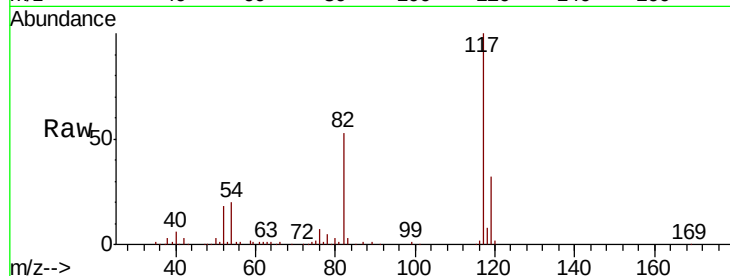




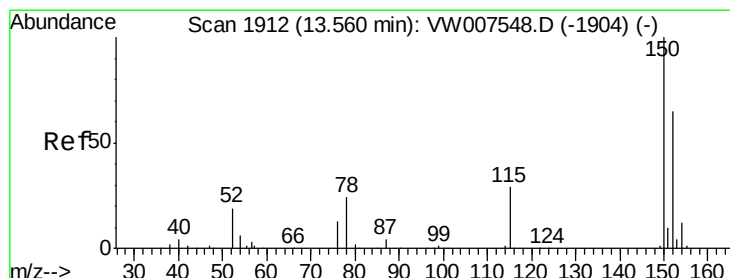
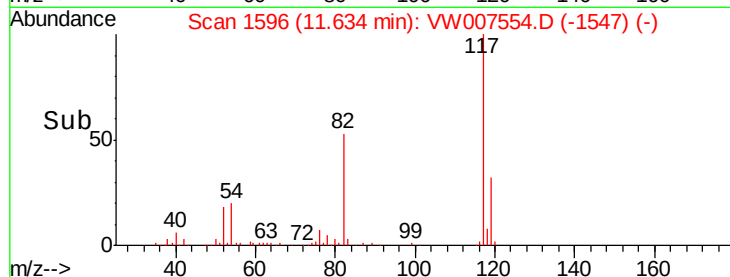
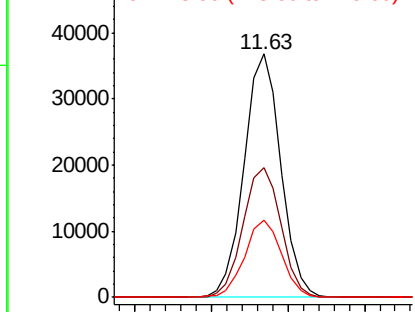
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007554.D
Acq: 15 Dec 2018 01:30

Instrument :
BNA_G
ClientSampleId :
P001-SS017-0612-01

Tgt Ion:117 Resp: 61213
Ion Ratio Lower Upper
117 100
82 53.4 42.3 63.5
119 31.6 23.0 34.6

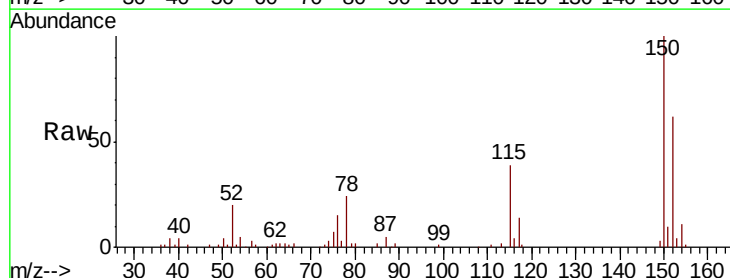


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

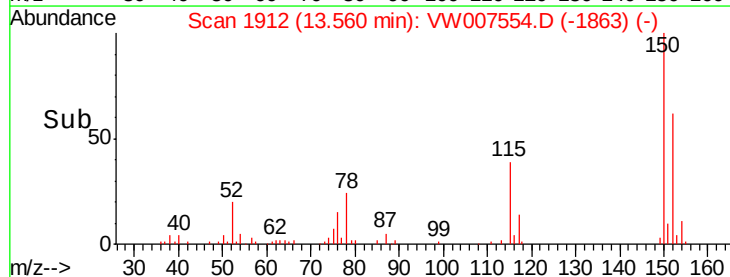
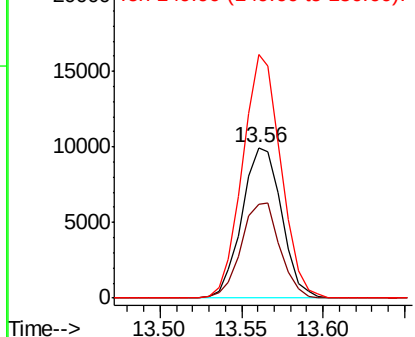


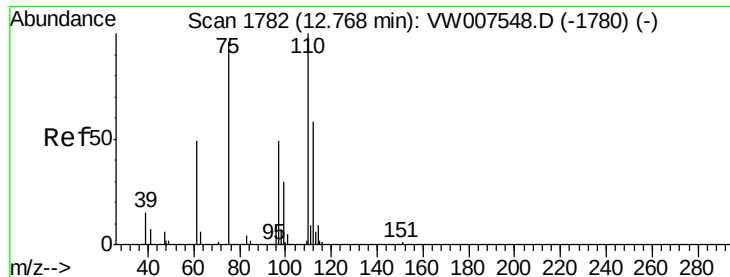
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007554.D
Acq: 15 Dec 2018 01:30

Tgt Ion:152 Resp: 16780
Ion Ratio Lower Upper
152 100
115 62.0 31.4 94.2
150 156.7 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: 84.355 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007554.D

Acq: 15 Dec 2018 01:30

Instrument :

BNA_G

ClientSampleId :

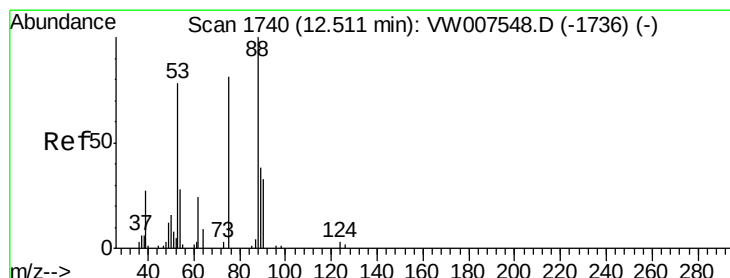
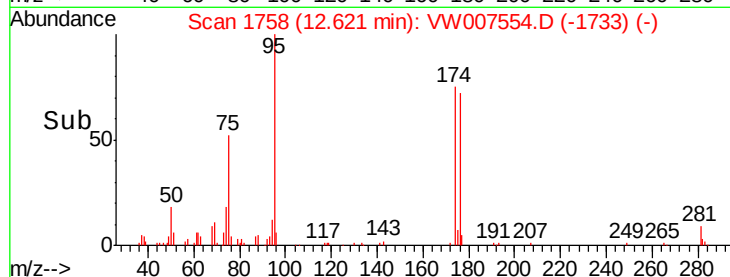
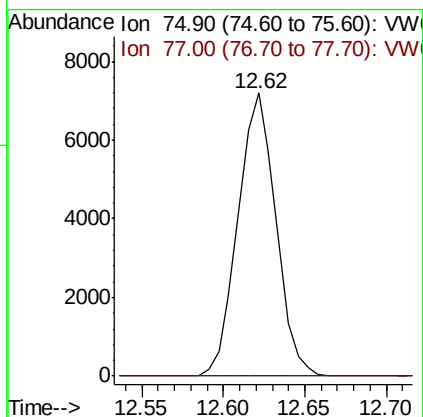
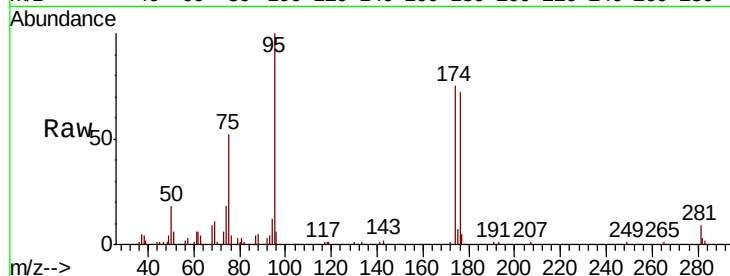
P001-SS017-0612-01

Tgt Ion: 75 Resp: 11671

Ion Ratio Lower Upper

75 100

77 0.0 166.9 500.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 186.341 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007554.D

Acq: 15 Dec 2018 01:30

Tgt Ion: 75 Resp: 11671

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#

