

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007556.D
 Acq On : 15 Dec 2018 02:21
 Operator : SY/AP
 Sample : J6391-15
 Misc : 4.38G/5ML/MSVOA_W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS017-1824-01

Quant Time: Dec 15 03:57:43 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	32200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	54560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	45022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	15989	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	17597	49.26	ug/l	0.00
Spiked Amount			Recovery	=	98.52%	
35) Dibromofluoromethane	7.88	113	15752	47.69	ug/l	0.00
Spiked Amount			Recovery	=	95.38%	
50) Toluene-d8	10.32	98	52923	42.74	ug/l	0.00
Spiked Amount			Recovery	=	85.48%	
62) 4-Bromofluorobenzene	12.62	95	16170	35.51	ug/l	0.00
Spiked Amount			Recovery	=	71.02%	

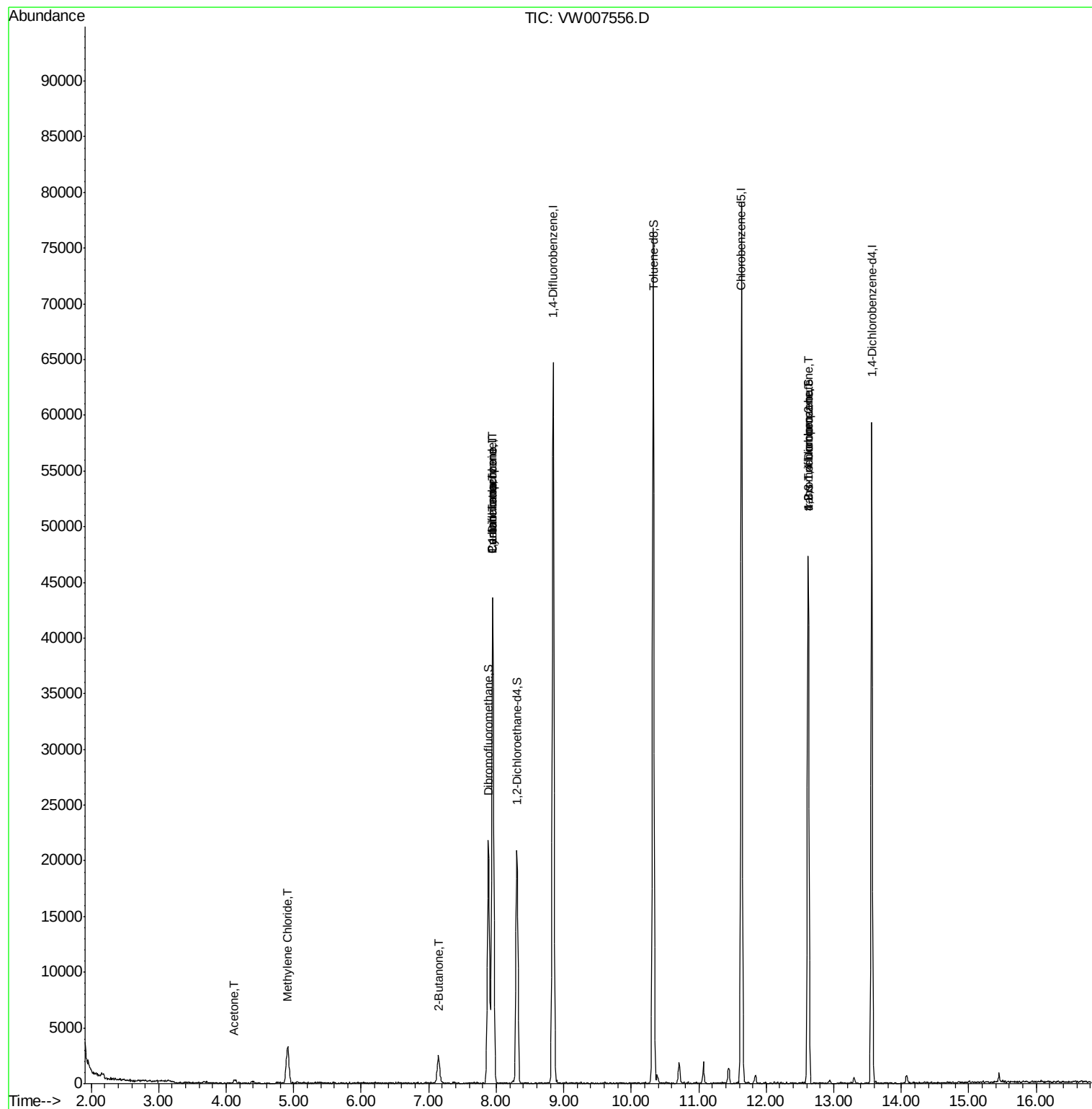
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.11	43	407	6.523	ug/l #	44
20) Methylene Chloride	4.92	84	2383	3.327	ug/l #	91
25) 2-Butanone	7.15	43	87	1.068	ug/l #	45
31) Cyclohexane	7.95	56	664	1.196	ug/l #	31
36) 1,1-Dichloropropene	7.95	75	2639	5.302	ug/l #	49
38) Carbon Tetrachloride	7.95	117	3628	6.699	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	8506	64.521	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	8506	142.527	ug/l #	7

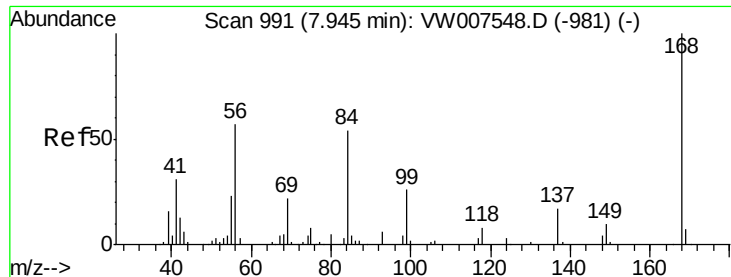
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Dec 15 03:35:28 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: VW007556.D

Acq: 15 Dec 2018 02:21

Instrument :

BNA_G

ClientSampleId :

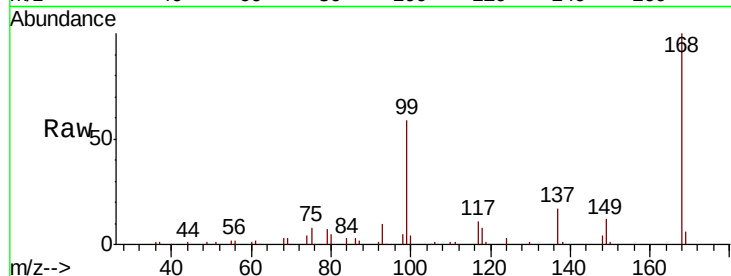
P001-SS017-1824-01

Tgt Ion: 168 Resp: 32200

Ion Ratio Lower Upper

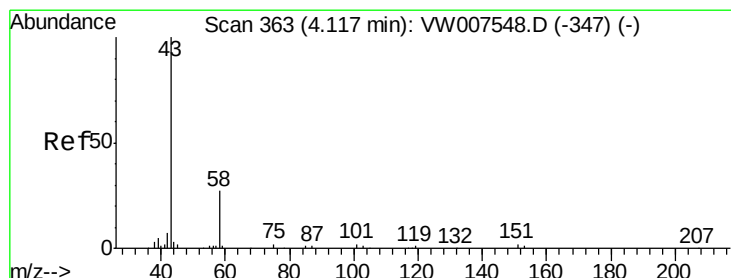
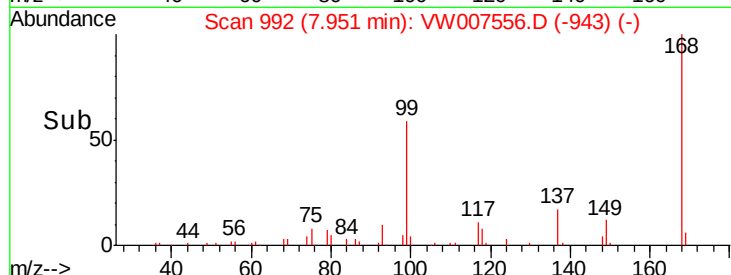
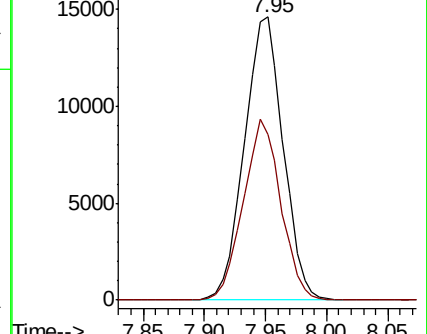
168 100

99 58.6 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: 6.523 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW007556.D

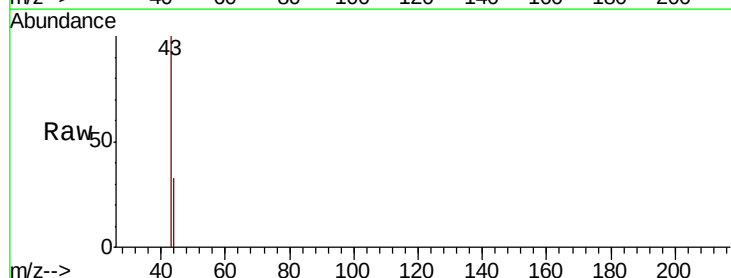
Acq: 15 Dec 2018 02:21

Tgt Ion: 43 Resp: 407

Ion Ratio Lower Upper

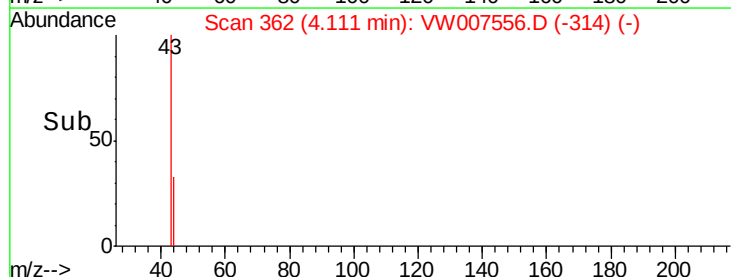
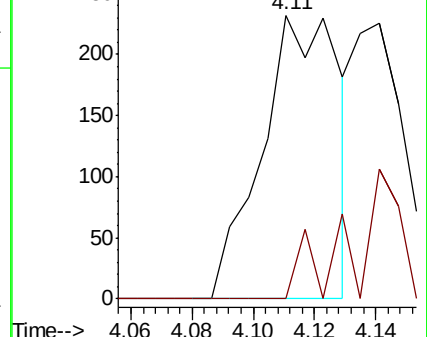
43 100

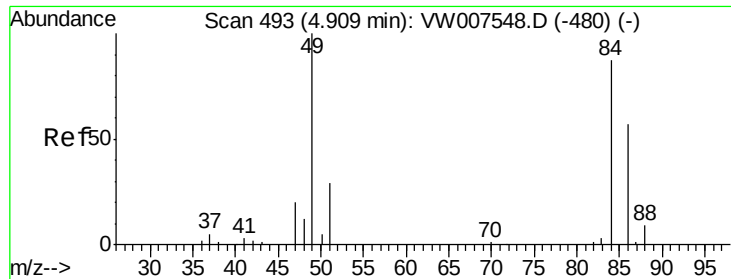
58 0.0 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

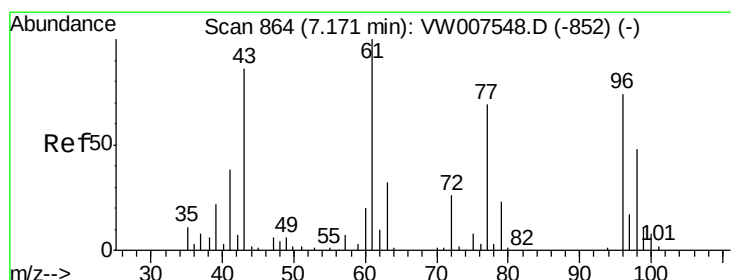
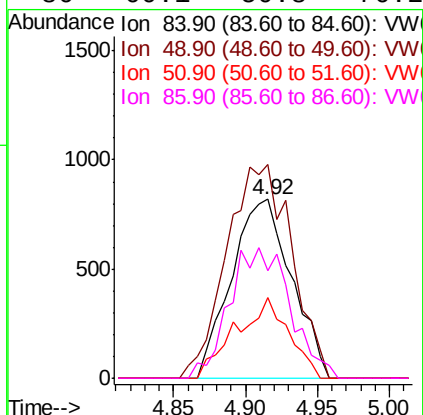
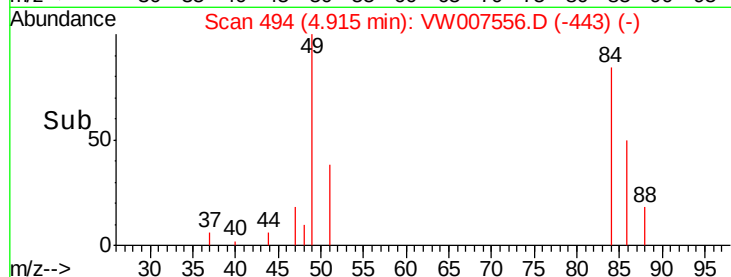
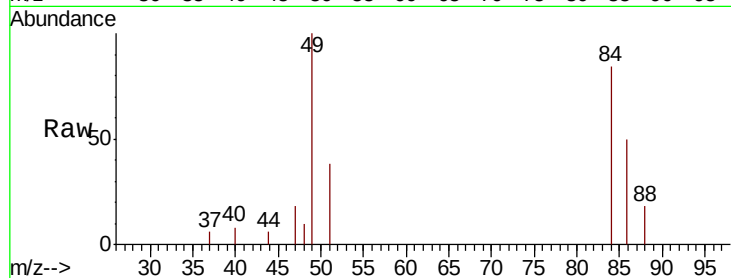




#20
Methylene Chloride
Concen: 3.327 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW007556.D
Acq: 15 Dec 2018 02:21

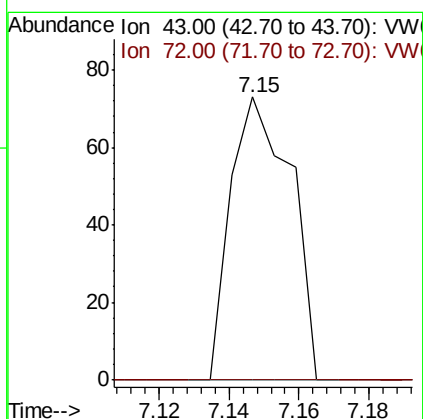
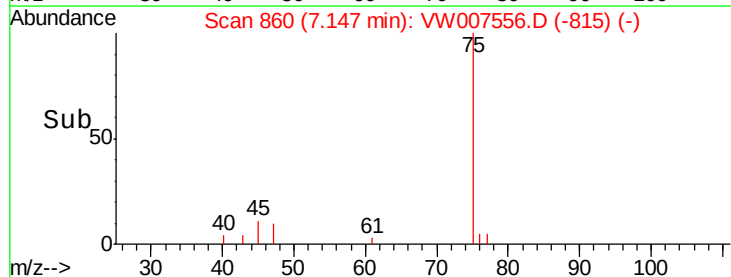
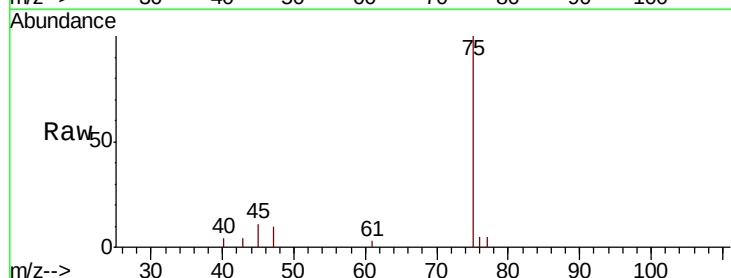
Instrument :
BNA_G
ClientSampleId :
P001-SS017-1824-01

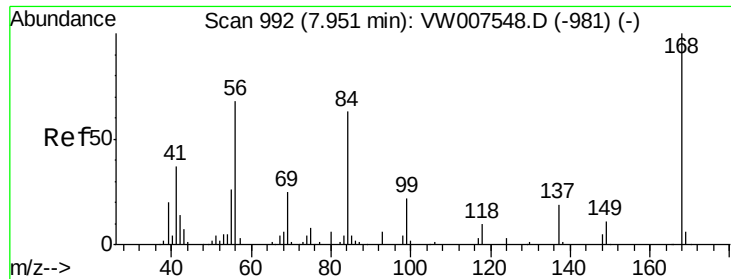
Tgt Ion: 84 Resp: 2383
Ion Ratio Lower Upper
84 100
49 119.3 87.1 130.7
51 45.1 28.2 42.2#
86 60.1 50.8 76.2



#25
2-Butanone
Concen: 1.068 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: VW007556.D
Acq: 15 Dec 2018 02:21

Tgt Ion: 43 Resp: 87
Ion Ratio Lower Upper
43 100
72 0.0 23.4 35.2#

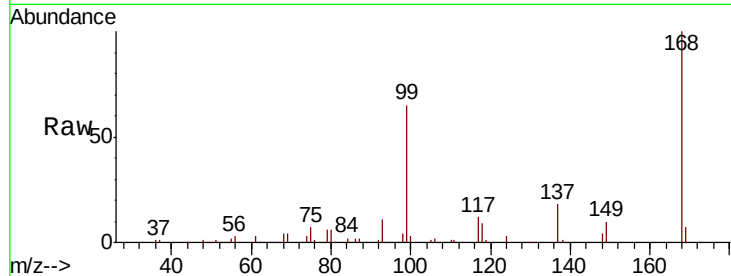




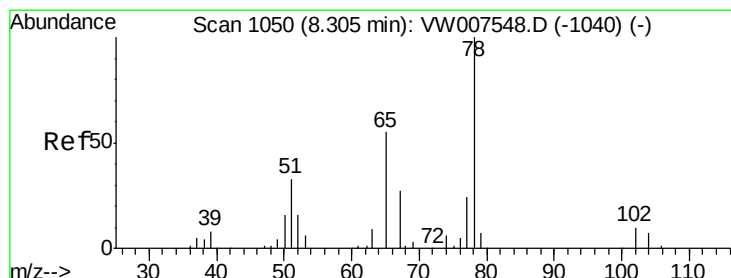
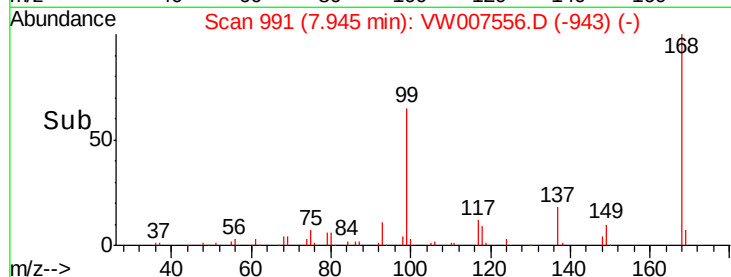
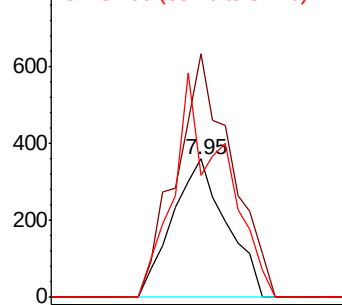
#31
Cyclohexane
Concen: 1.196 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007556.D
Acq: 15 Dec 2018 02:21

Instrument :
BNA_G
ClientSampleId :
P001-SS017-1824-01

Tgt Ion: 56 Resp: 664
Ion Ratio Lower Upper
56 100
69 176.1 28.9 43.3#
84 88.6 71.8 107.6

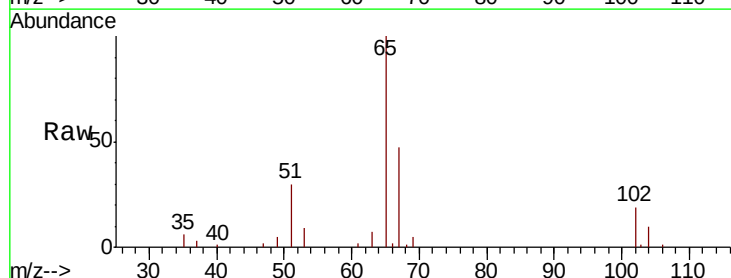


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

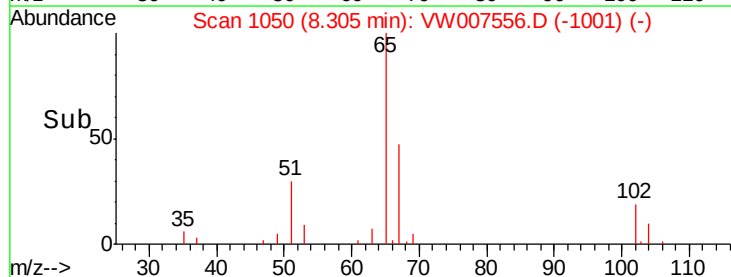
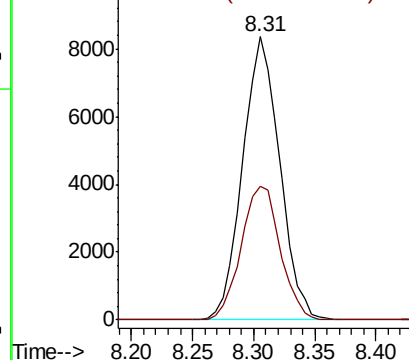


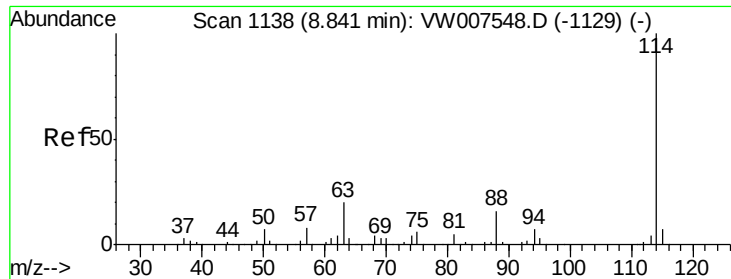
#33
1,2-Dichloroethane-d4
Concen: 49.259 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007556.D
Acq: 15 Dec 2018 02:21

Tgt Ion: 65 Resp: 17597
Ion Ratio Lower Upper
65 100
67 49.8 0.0 101.6



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

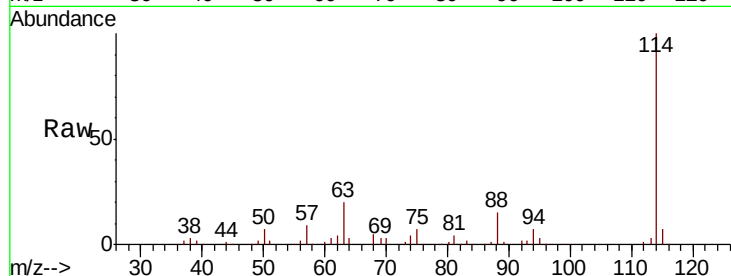




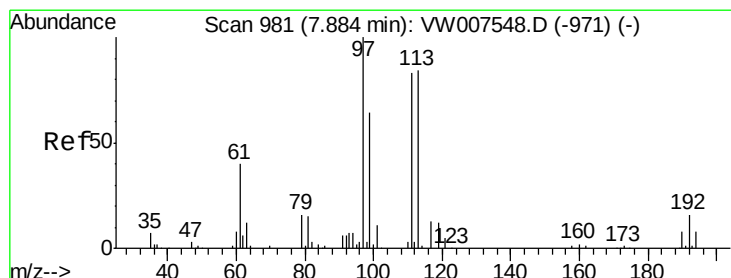
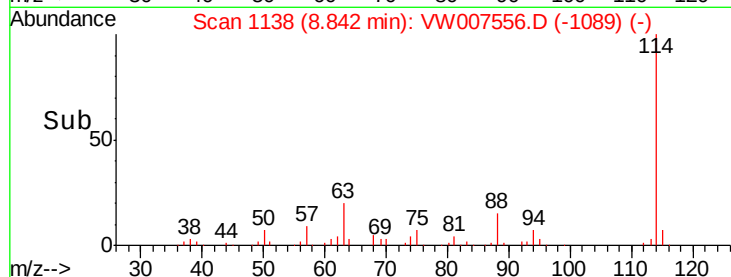
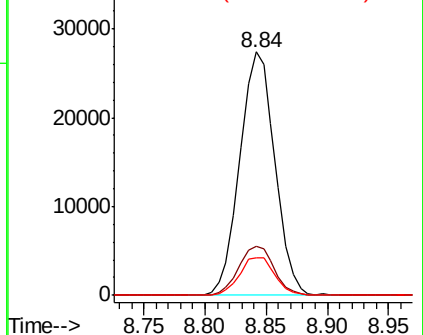
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007556.D
 Acq: 15 Dec 2018 02:21

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS017-1824-01

Tgt Ion:114 Resp: 54560
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.6
 88 15.3 0.0 31.4

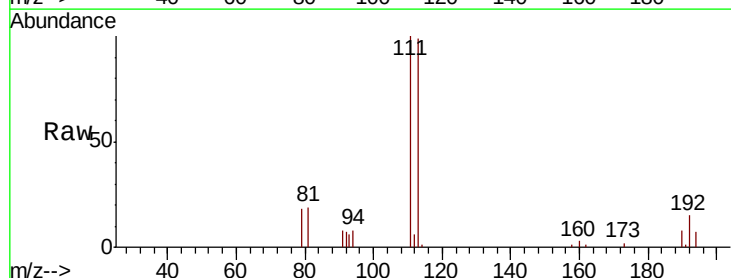


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

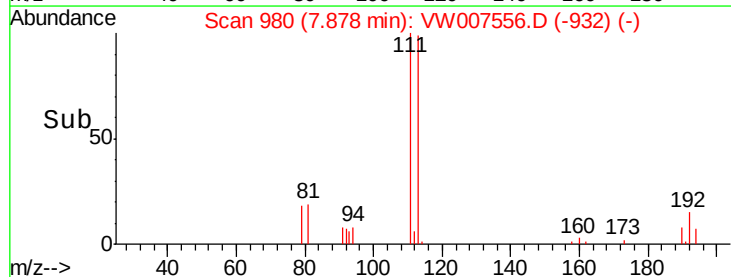
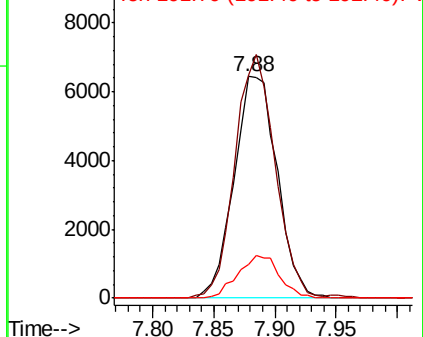


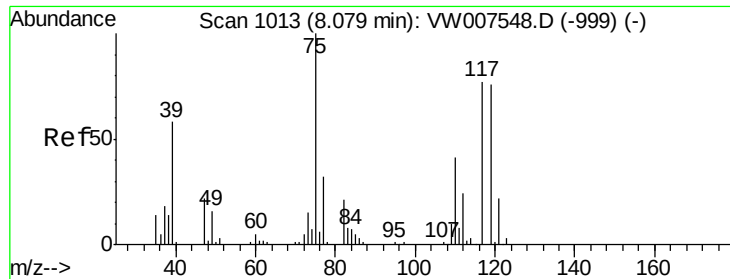
#35
 Dibromofluoromethane
 Concen: 47.694 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW007556.D
 Acq: 15 Dec 2018 02:21

Tgt Ion:113 Resp: 15752
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.1 121.7
 192 18.6 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

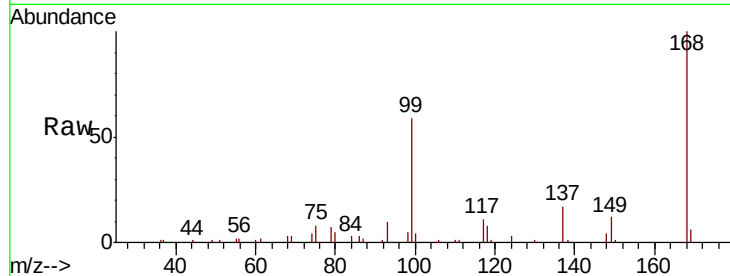




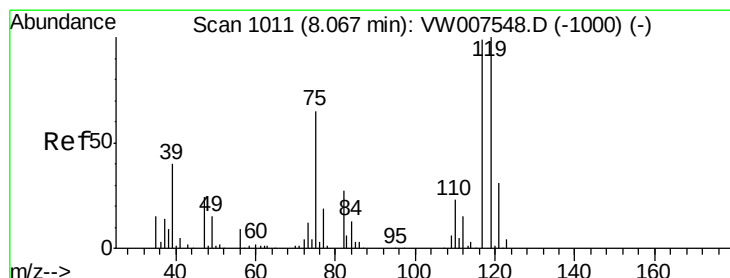
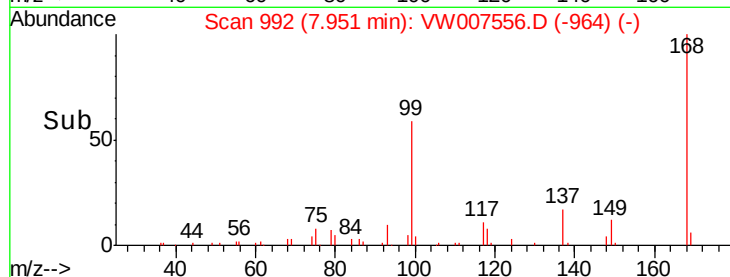
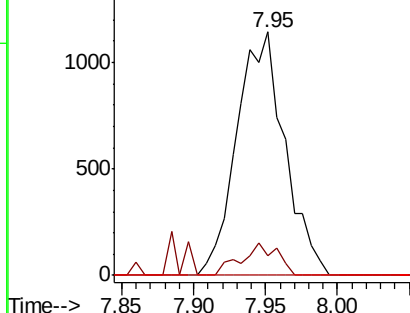
#36
 1,1-Dichloropropene
 Concen: 5.302 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007556.D
 Acq: 15 Dec 2018 02:21

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS017-1824-01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.9	18.5	55.5#
77	0.0	25.6	38.4#

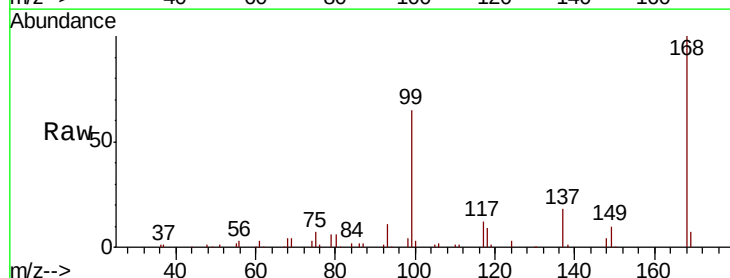


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

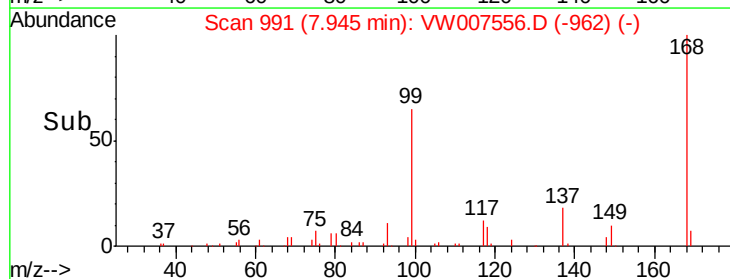
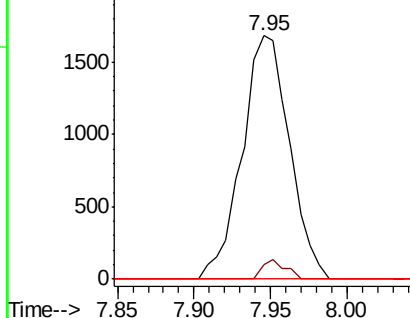


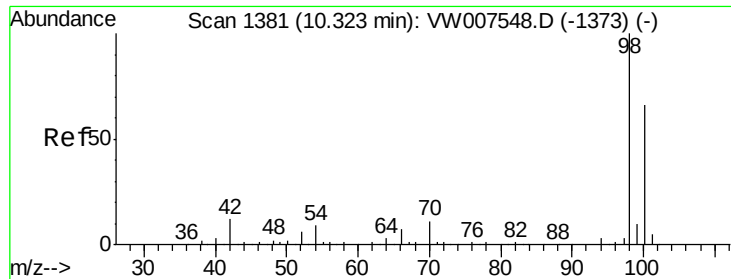
#38
 Carbon Tetrachloride
 Concen: 6.699 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW007556.D
 Acq: 15 Dec 2018 02:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.9	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: 42.737 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007556.D

Acq: 15 Dec 2018 02:21

Instrument :

BNA_G

ClientSampleId :

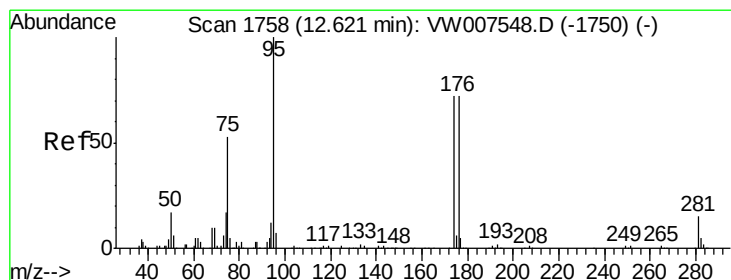
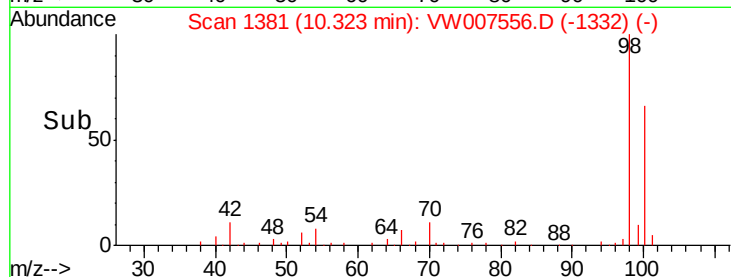
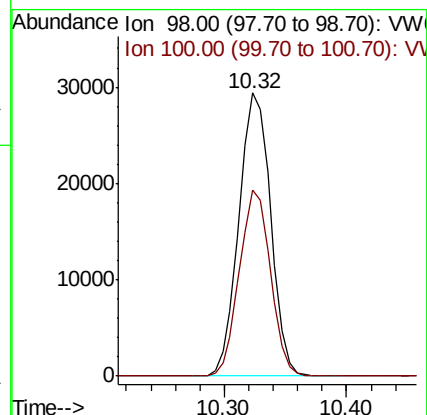
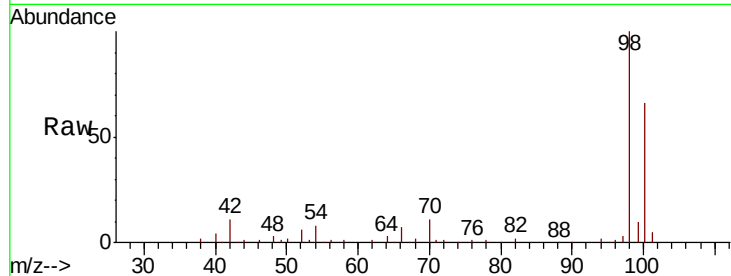
P001-SS017-1824-01

Tgt Ion: 98 Resp: 52923

Ion Ratio Lower Upper

98 100

100 64.4 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 35.515 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007556.D

Acq: 15 Dec 2018 02:21

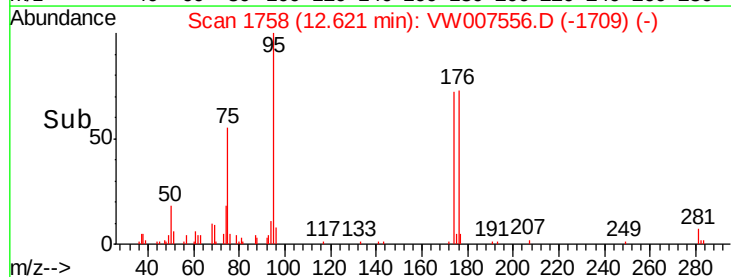
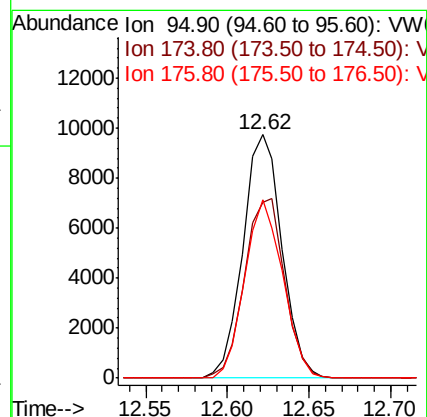
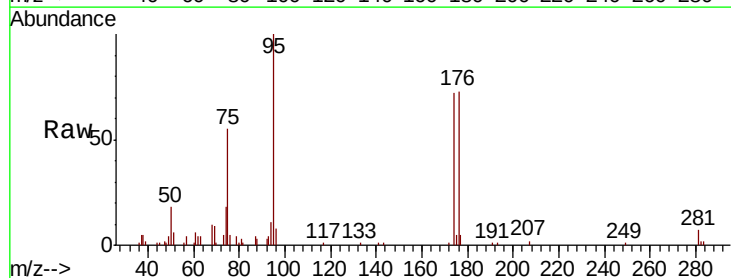
Tgt Ion: 95 Resp: 16170

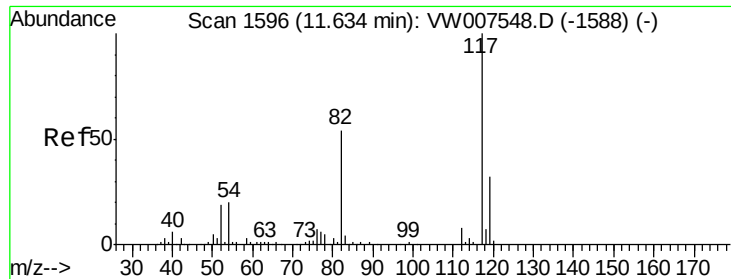
Ion Ratio Lower Upper

95 100

174 76.1 0.0 147.2

176 71.7 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: VW007556.D

Acq: 15 Dec 2018 02:21

Instrument :

BNA_G

ClientSampleId :

P001-SS017-1824-01

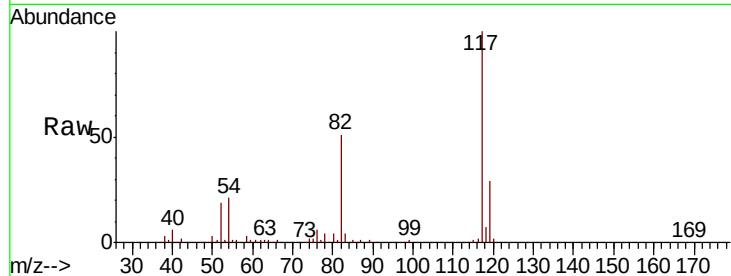
Tgt Ion:117 Resp: 45022

Ion Ratio Lower Upper

117 100

82 51.4 42.3 63.5

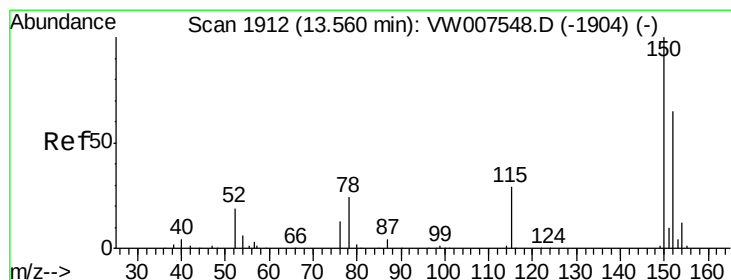
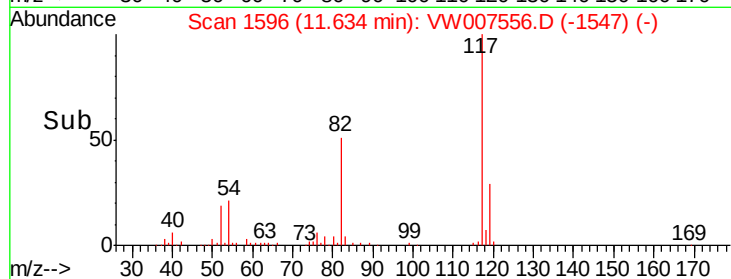
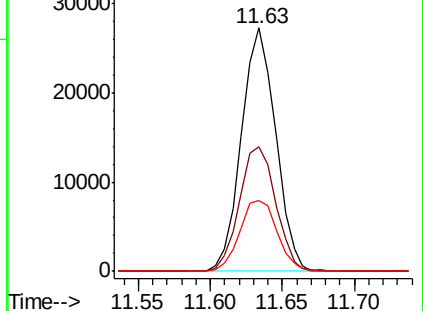
119 29.2 23.0 34.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007556.D

Acq: 15 Dec 2018 02:21

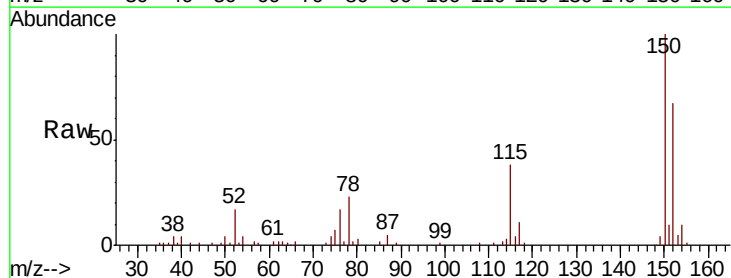
Tgt Ion:152 Resp: 15989

Ion Ratio Lower Upper

152 100

115 61.4 31.4 94.2

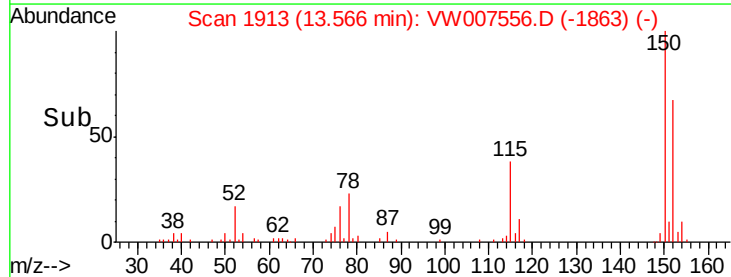
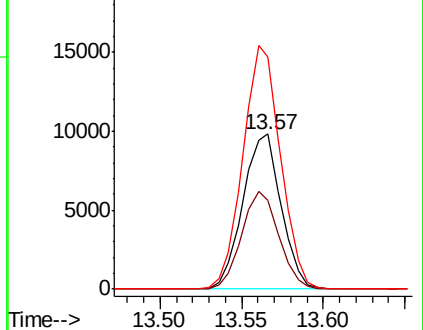
150 155.3 0.0 358.4

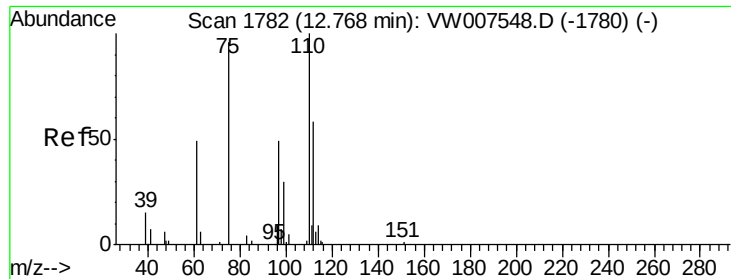


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 64.521 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007556.D

Acq: 15 Dec 2018 02:21

Instrument :

BNA_G

ClientSampleId :

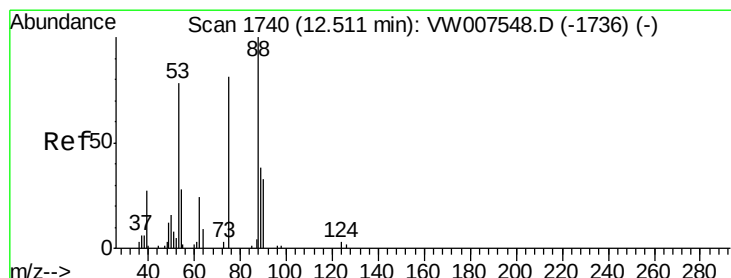
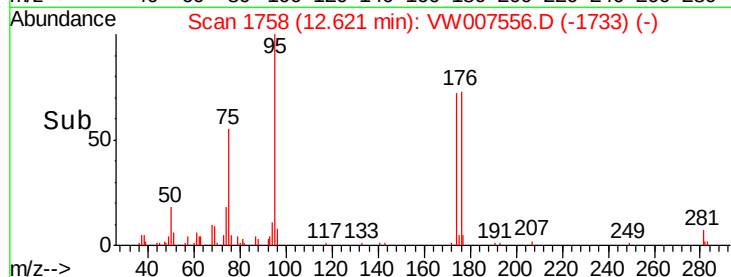
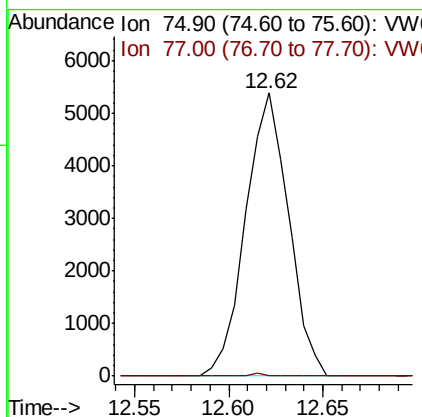
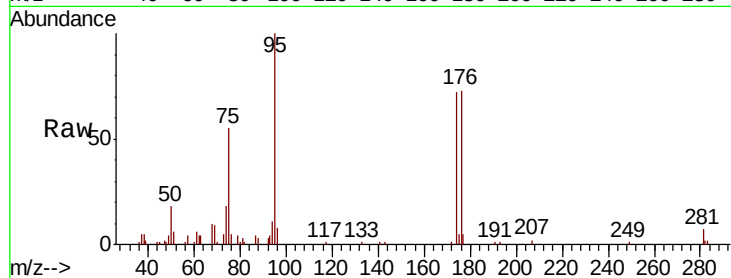
P001-SS017-1824-01

Tgt Ion: 75 Resp: 8506

Ion Ratio Lower Upper

75 100

77 0.2 166.9 500.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 142.527 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007556.D

Acq: 15 Dec 2018 02:21

Tgt Ion: 75 Resp: 8506

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#

