

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007555.D
 Acq On : 15 Dec 2018 01:56
 Operator : SY/AP
 Sample : J6391-14
 Misc : 4.67G/5ML/MSVOA_W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS017-1218-01

Quant Time: Dec 15 03:57:35 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	44597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	71194	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	55784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	20155	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	21511	43.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.96%	
35) Dibromofluoromethane	7.88	113	20031	46.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.96%	
50) Toluene-d8	10.32	98	68747	42.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.08%	
62) 4-Bromofluorobenzene	12.62	95	21136	35.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.16%	

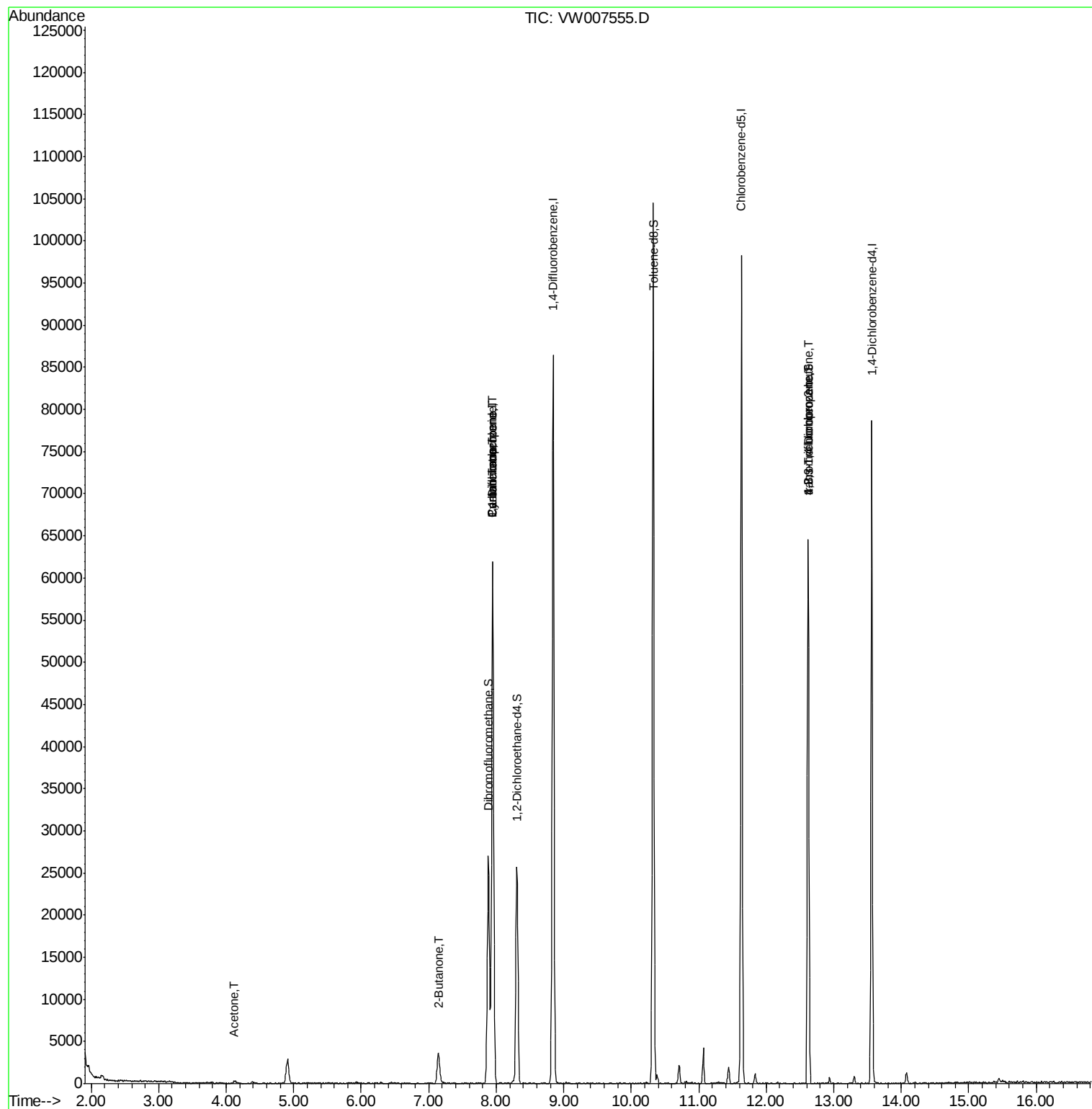
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.11	43	666	7.706	ug/l #	44
25) 2-Butanone	7.15	43	161	1.427	ug/l #	45
31) Cyclohexane	7.95	56	854	1.111	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	3468	5.340	ug/l #	48
38) Carbon Tetrachloride	7.95	117	4751	6.723	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	10453	62.900	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	10453	138.947	ug/l #	7

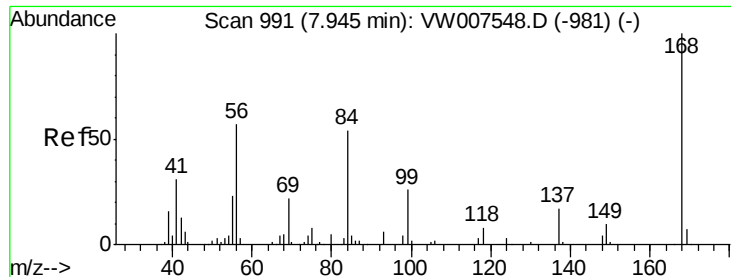
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007555.D

Acq: 15 Dec 2018 01:56

Instrument :

MSVOA_W

ClientSampleId :

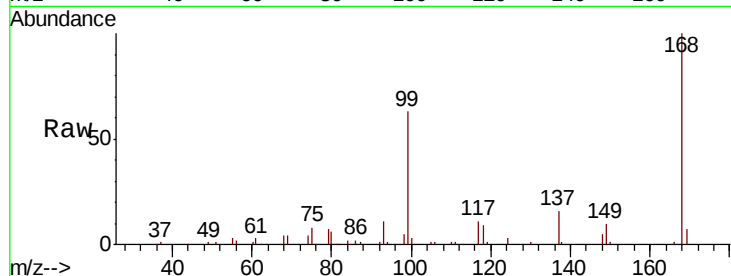
P001-SS017-1218-01

Tgt Ion:168 Resp: 44597

Ion Ratio Lower Upper

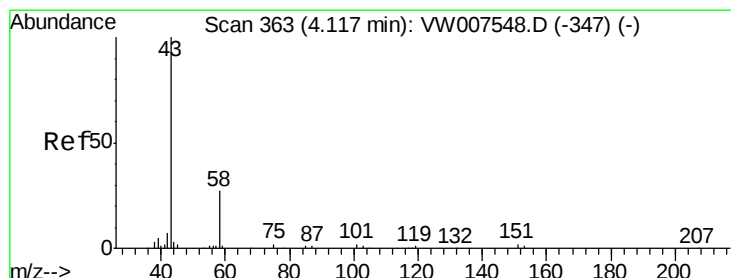
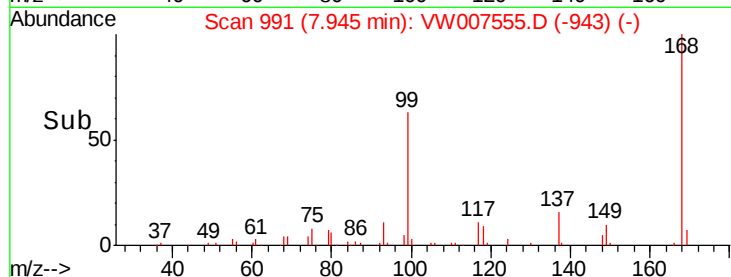
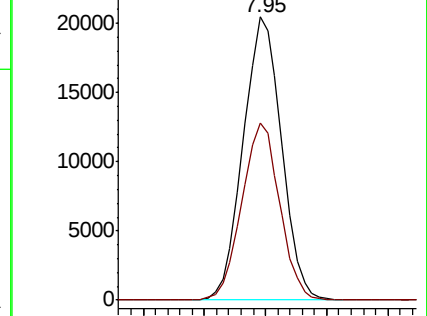
168 100

99 62.5 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: 7.706 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW007555.D

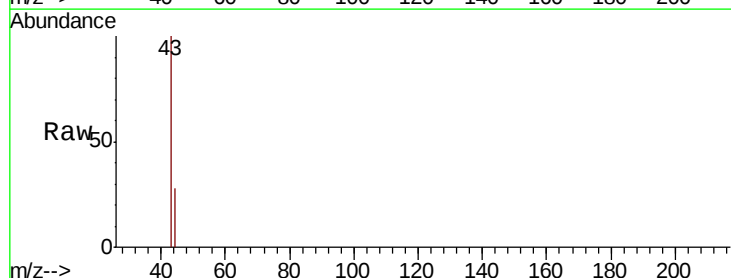
Acq: 15 Dec 2018 01:56

Tgt Ion: 43 Resp: 666

Ion Ratio Lower Upper

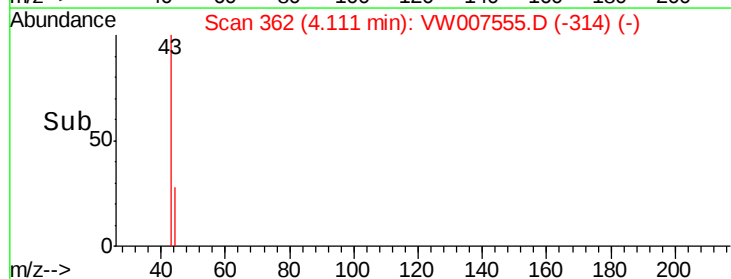
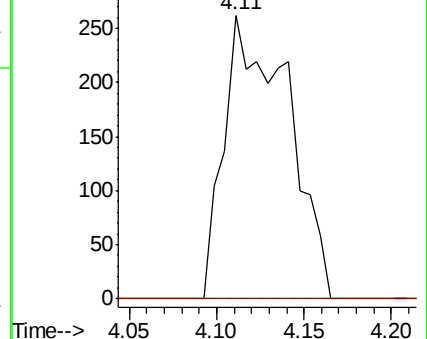
43 100

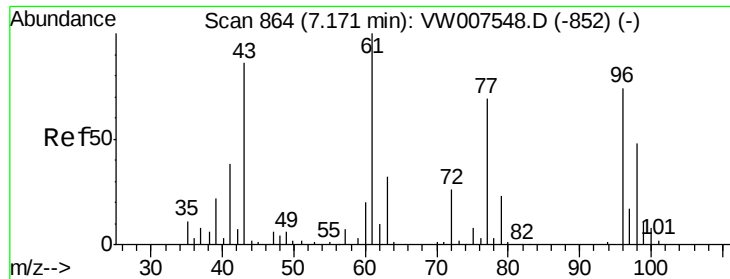
58 0.0 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

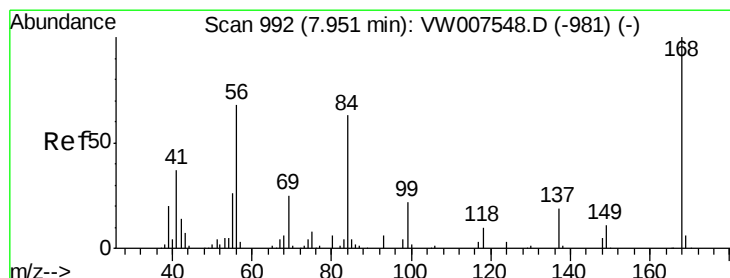
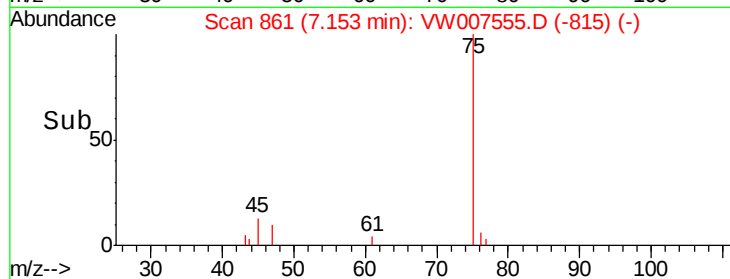
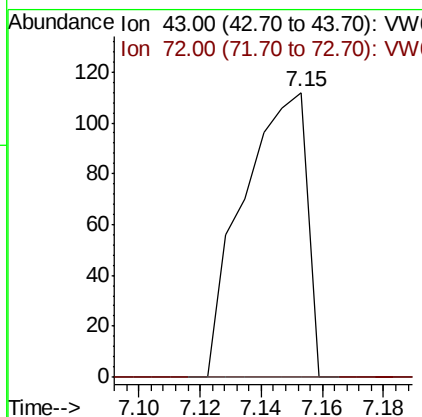
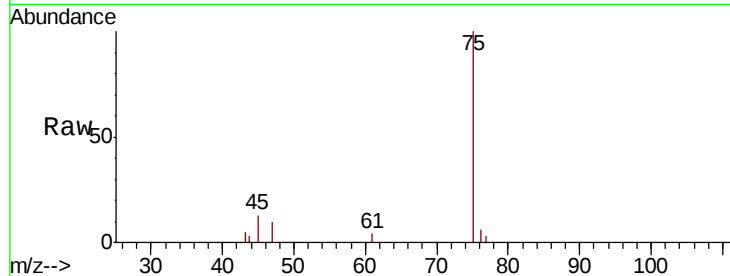




#25
 2-Butanone
 Concen: 1.427 ug/l
 RT: 7.15 min Scan# 861
 Delta R.T. -0.02 min
 Lab File: VW007555.D
 Acq: 15 Dec 2018 01:56

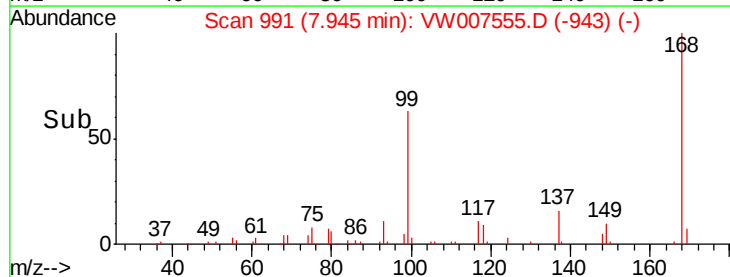
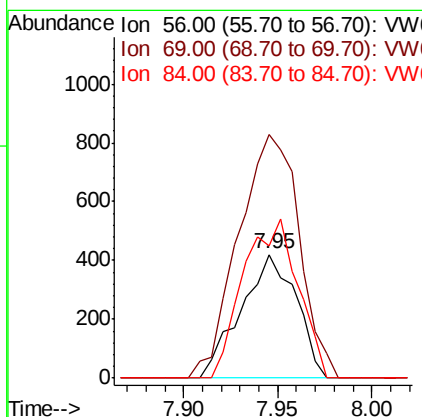
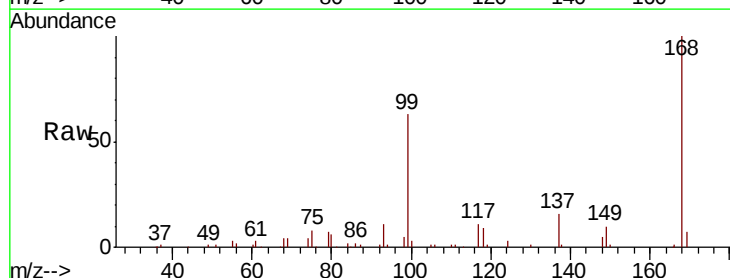
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS017-1218-01

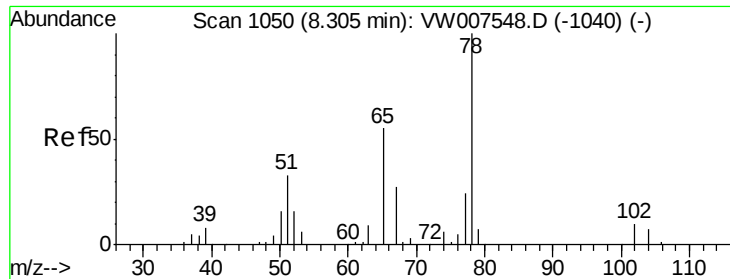
Tgt Ion: 43 Resp: 161
 Ion Ratio Lower Upper
 43 100
 72 0.0 23.4 35.2#



#31
 Cyclohexane
 Concen: 1.111 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: VW007555.D
 Acq: 15 Dec 2018 01:56

Tgt Ion: 56 Resp: 854
 Ion Ratio Lower Upper
 56 100
 69 197.1 28.9 43.3#
 84 121.2 71.8 107.6#

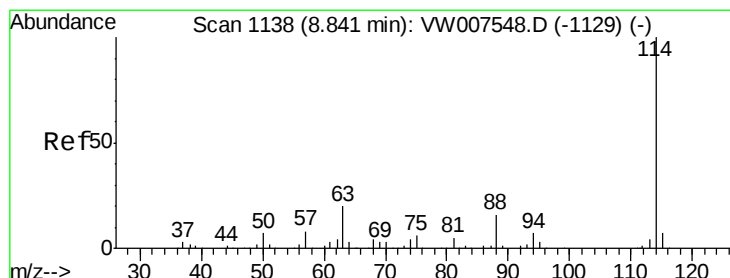
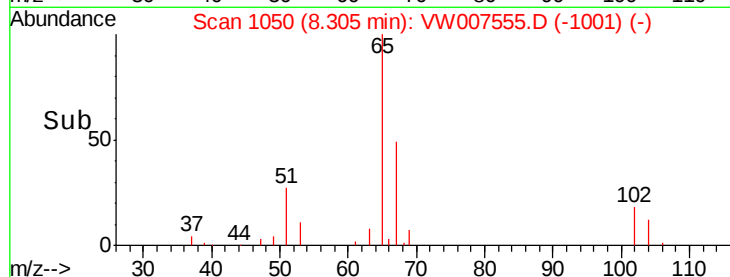
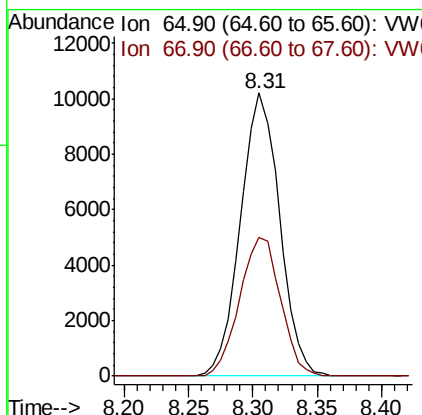
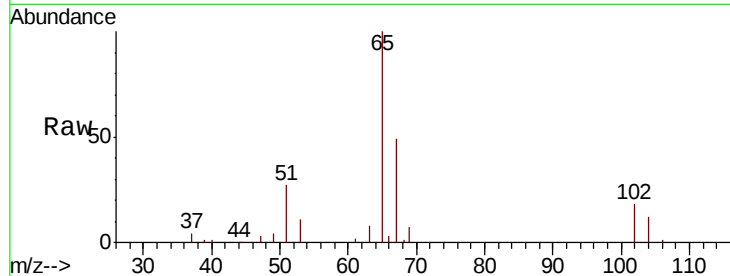




#33
 1,2-Dichloroethane-d4
 Concen: 43.477 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007555.D
 Acq: 15 Dec 2018 01:56

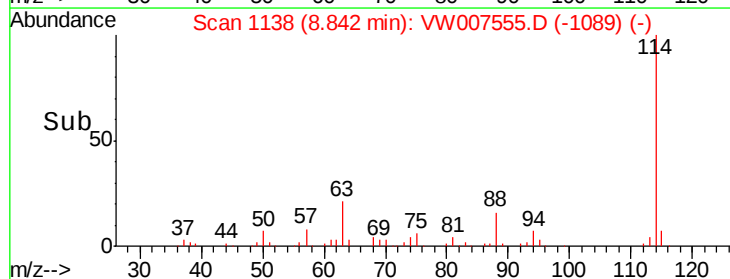
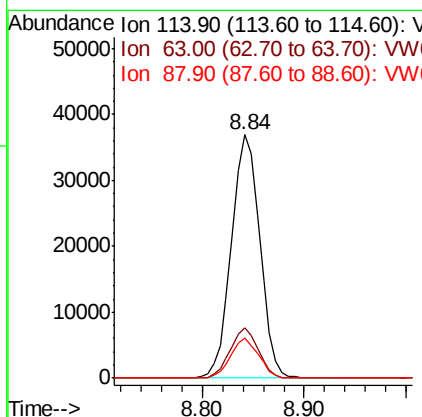
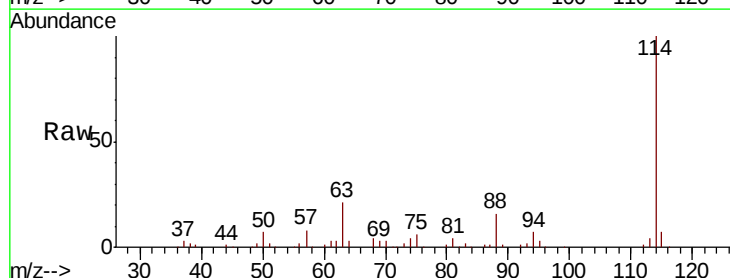
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS017-1218-01

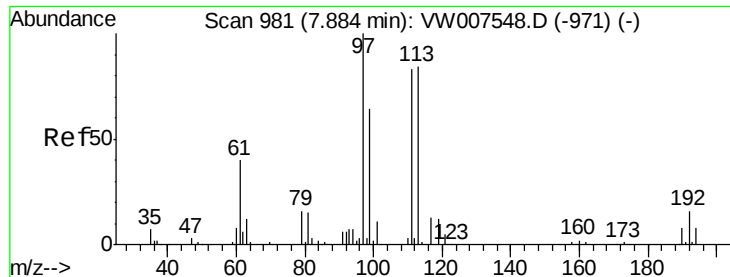
Tgt Ion: 65 Resp: 21511
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007555.D
 Acq: 15 Dec 2018 01:56

Tgt Ion: 114 Resp: 71194
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.6
 88 16.4 0.0 31.4

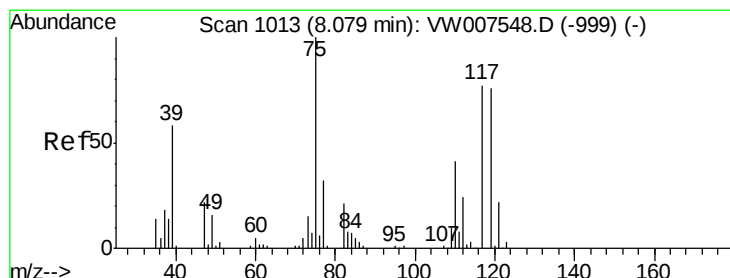
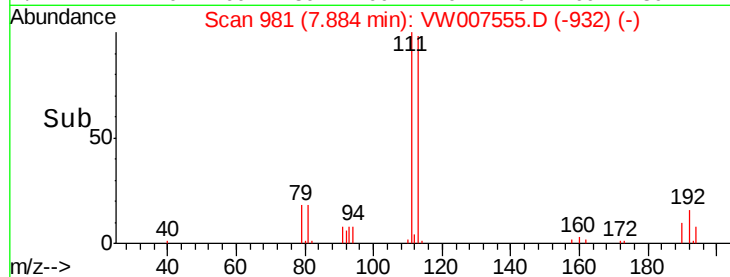
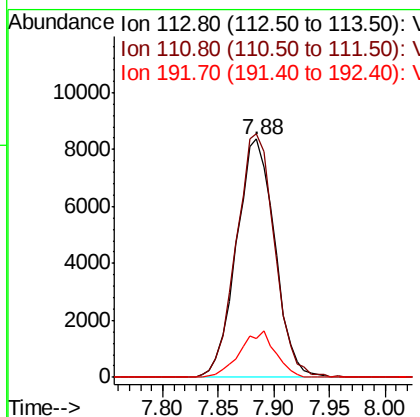
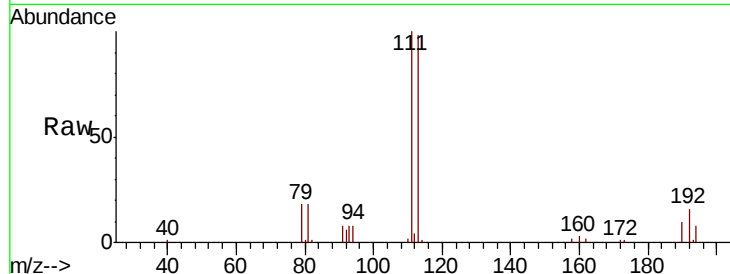




#35
 Dibromofluoromethane
 Concen: 46.479 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007555.D
 Acq: 15 Dec 2018 01:56

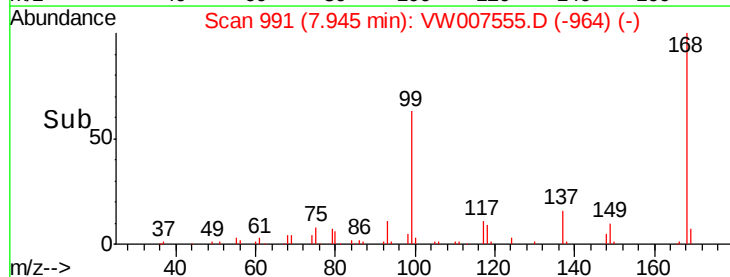
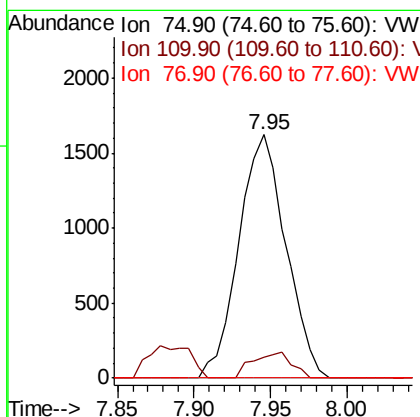
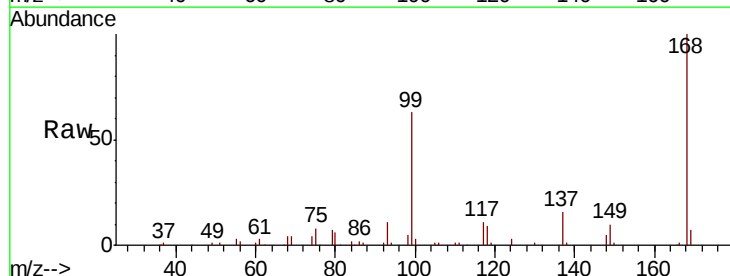
Instrument :
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 ClientSampleId :
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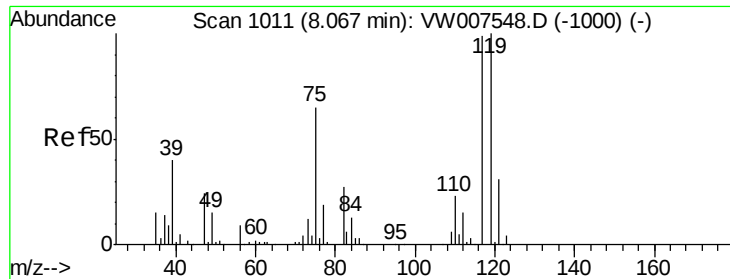
Tgt Ion:113 Resp: 20031
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.1 121.7
 192 18.0 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 5.340 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007555.D
 Acq: 15 Dec 2018 01:56

Tgt Ion: 75 Resp: 3468
 Ion Ratio Lower Upper
 75 100
 110 8.8 18.5 55.5#
 77 0.0 25.6 38.4#

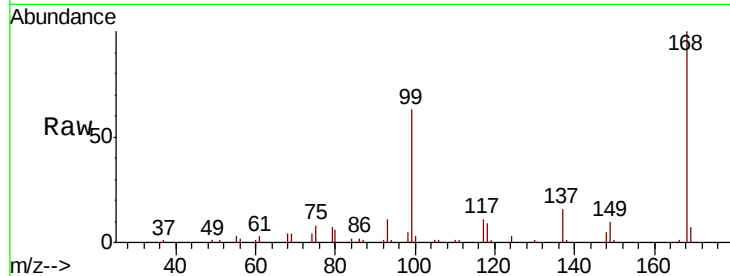




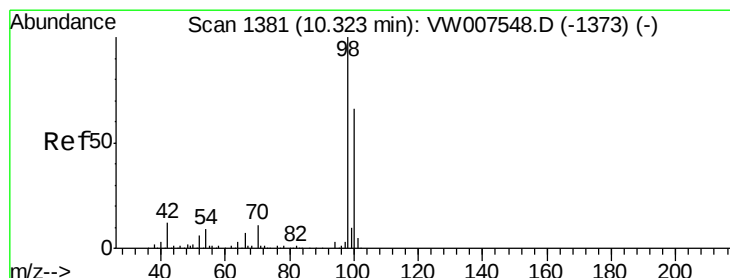
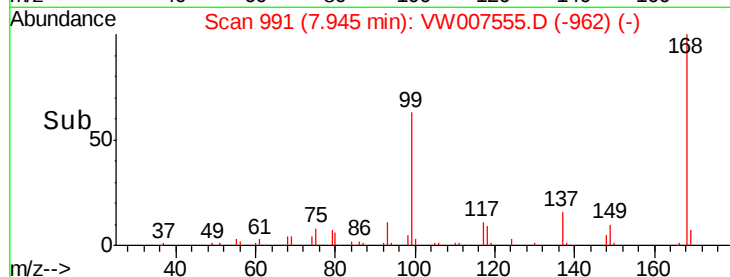
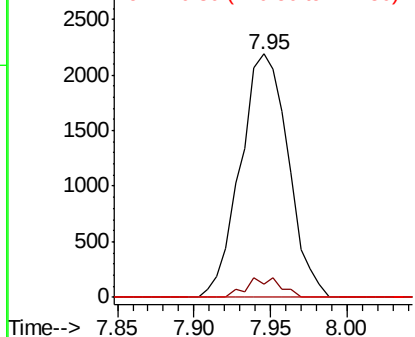
#38
Carbon Tetrachloride
Concen: 6.723 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007555.D
Acq: 15 Dec 2018 01:56

Instrument :
MSVOA_W
ClientSampleId :
P001-SS017-1218-01

Tgt Ion:117 Resp: 4751
Ion Ratio Lower Upper
117 100
119 5.5 74.3 111.5#
121 0.0 24.3 36.5#

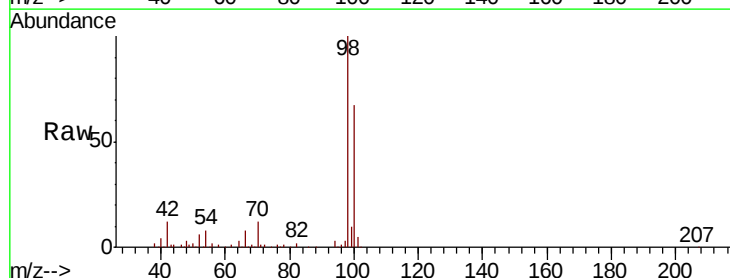


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

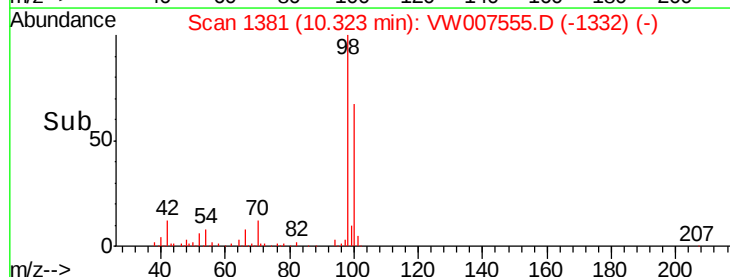
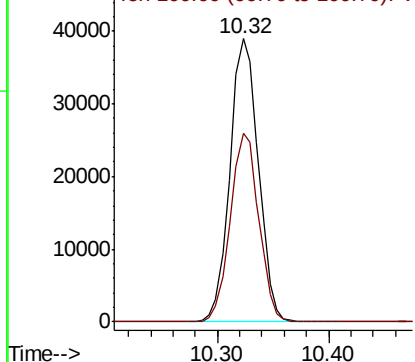


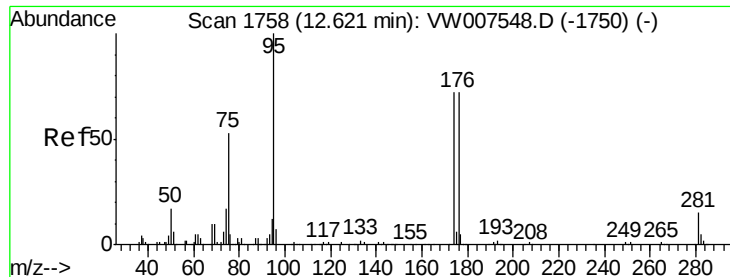
#50
Toluene-d8
Concen: 42.545 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007555.D
Acq: 15 Dec 2018 01:56

Tgt Ion: 98 Resp: 68747
Ion Ratio Lower Upper
98 100
100 66.7 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: 35.575 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007555.D

Acq: 15 Dec 2018 01:56

Instrument :

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ClientSampleId :

P001-SS017-1218-01

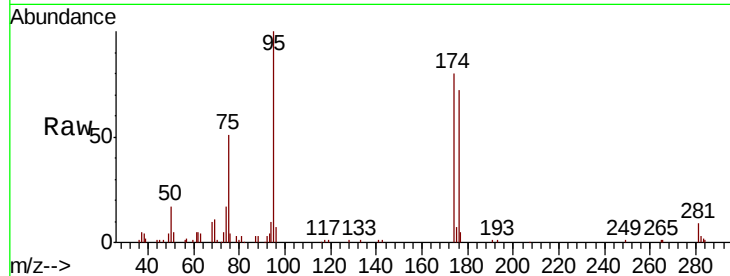
Tgt Ion: 95 Resp: 21136

Ion Ratio Lower Upper

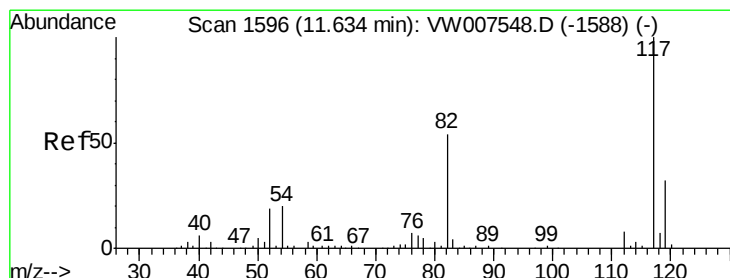
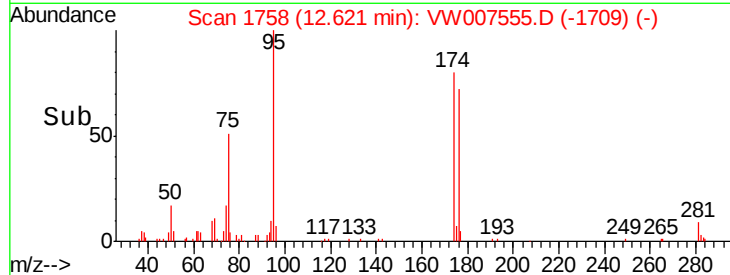
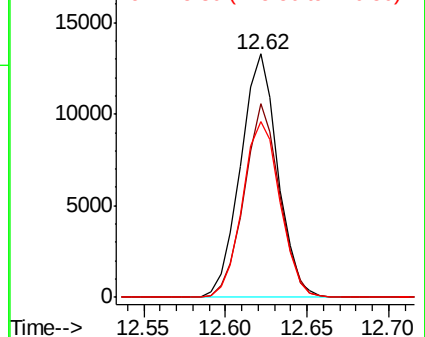
95 100

174 76.0 0.0 147.2

176 73.0 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: VW007555.D

Acq: 15 Dec 2018 01:56

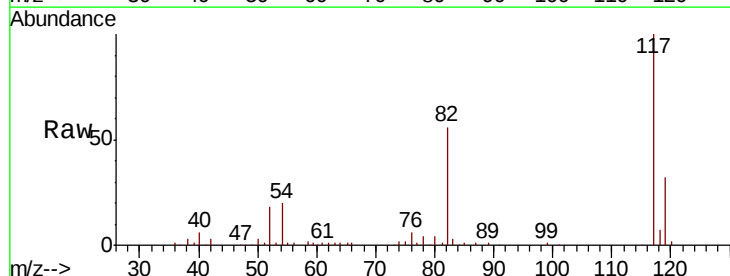
Tgt Ion: 117 Resp: 55784

Ion Ratio Lower Upper

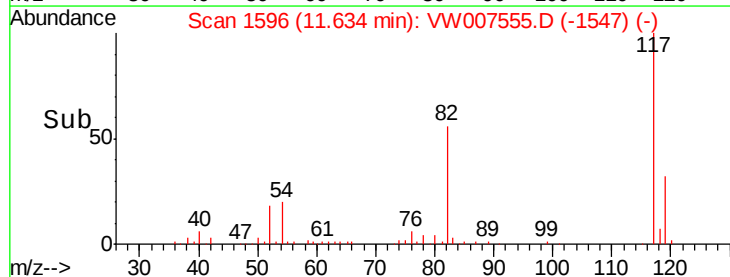
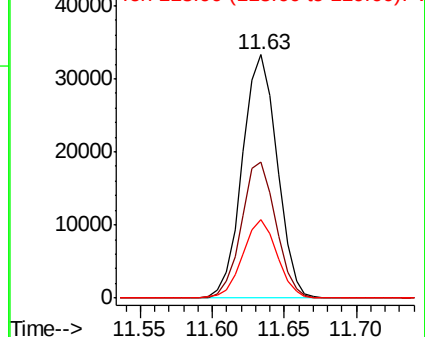
117 100

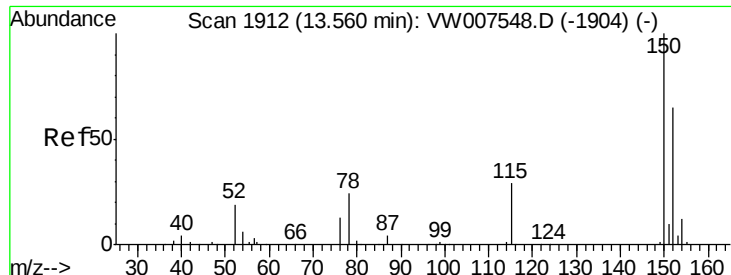
82 55.7 42.3 63.5

119 32.3 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: VW007555.D

Acq: 15 Dec 2018 01:56

Instrument :

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ClientSampleId :

P001-SS017-1218-01

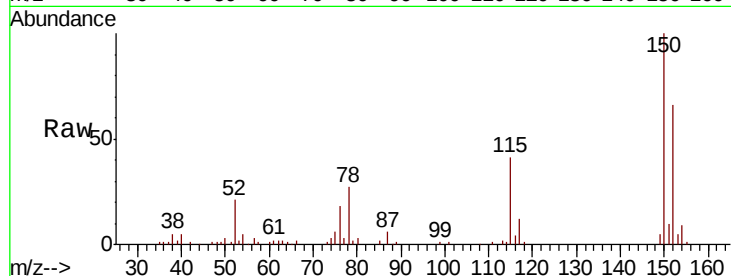
Tgt Ion:152 Resp: 20155

Ion Ratio Lower Upper

152 100

115 63.2 31.4 94.2

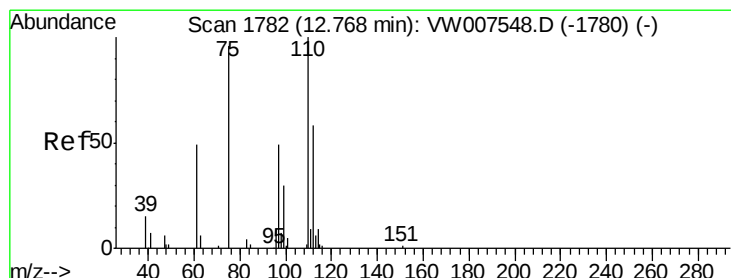
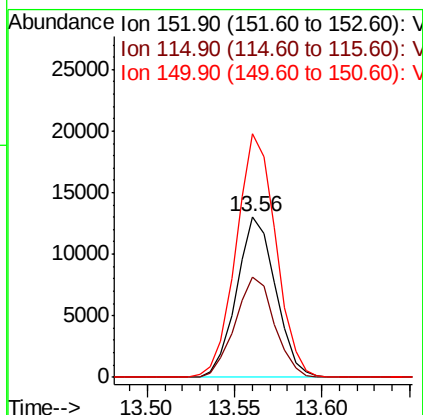
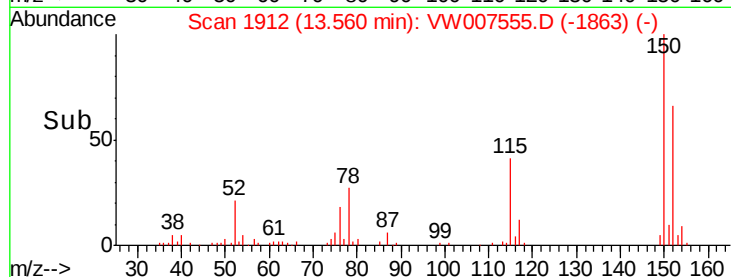
150 154.3 0.0 358.4



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: 62.900 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007555.D

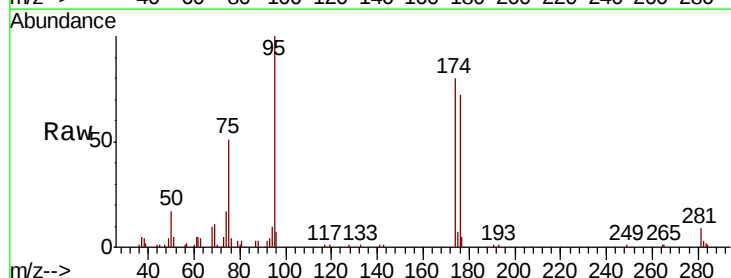
Acq: 15 Dec 2018 01:56

Tgt Ion: 75 Resp: 10453

Ion Ratio Lower Upper

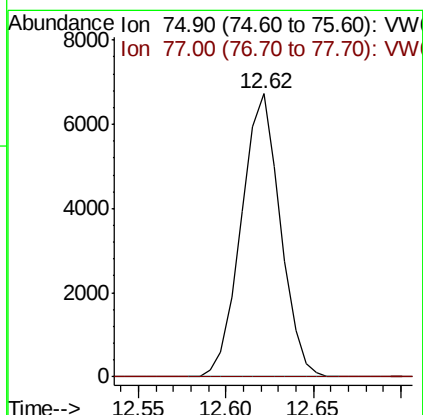
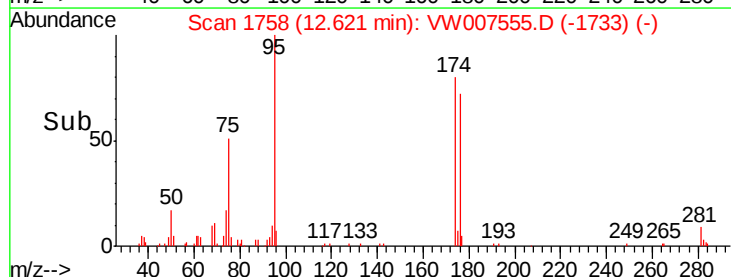
75 100

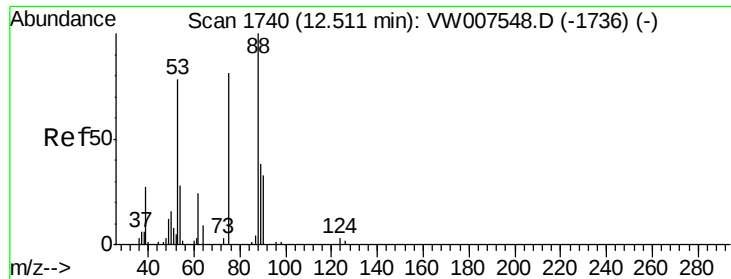
77 0.0 166.9 500.8#



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: 138.947 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007555.D

Acq: 15 Dec 2018 01:56

Instrument :

MSVOA_W

ClientSampleId :

P001-SS017-1218-01

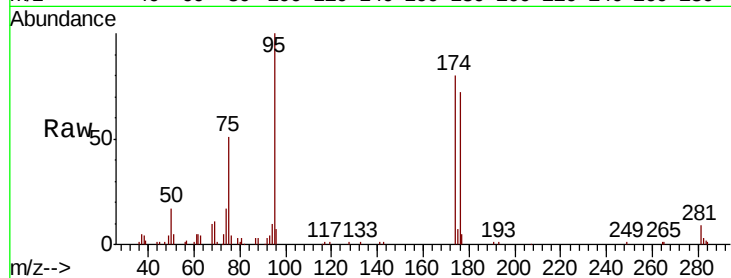
Tgt Ion: 75 Resp: 10453

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

