

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101618\
 Data File : VW006107.D
 Acq On : 17 Oct 2018 05:39
 Operator : VA/AP
 Sample : J5539-04
 Misc : 10.1G/5ML/MSVOA_W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-9-5-7FT

Quant Time: Oct 17 07:21:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	66369	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	94755	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	78432	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	36093	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	26769	48.65	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.30%	
35) Dibromofluoromethane	7.88	113	24051	42.96	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	85.92%	
50) Toluene-d8	10.33	98	89434	41.98	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	83.96%	
62) 4-Bromofluorobenzene	12.62	95	30339	37.92	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	75.84%	

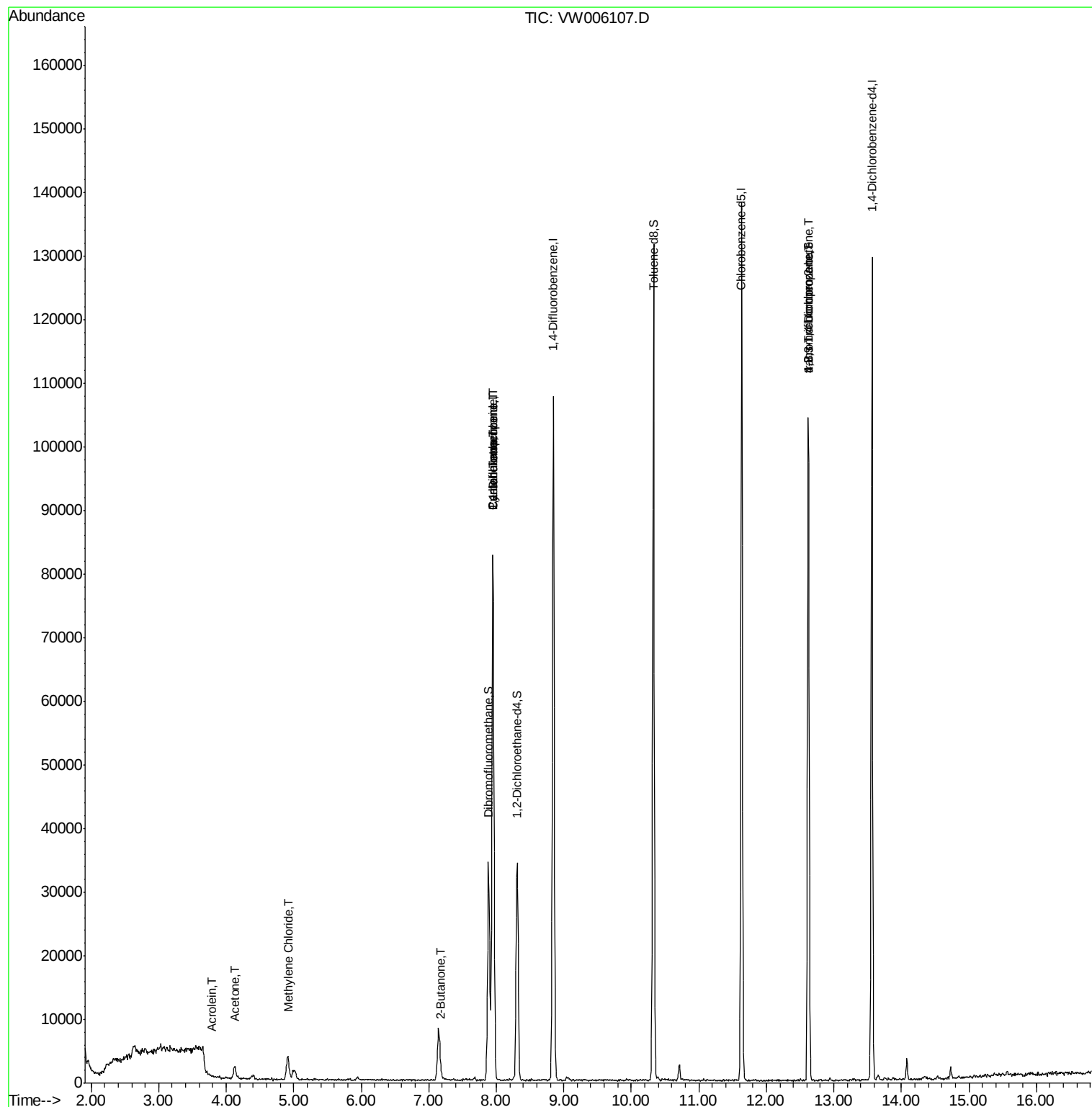
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.79	56	61	1.704	ug/l	95
16) Acetone	4.13	43	3406	19.336	ug/l	97
20) Methylene Chloride	4.92	84	2782	3.257	ug/l	96
25) 2-Butanone	7.18	43	190	1.278	ug/l #	46
31) Cyclohexane	7.95	56	1362	1.353	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	4487	5.138	ug/l #	50
38) Carbon Tetrachloride	7.95	117	6132	6.405	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	15913	57.723	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	15913	137.980	ug/l #	10

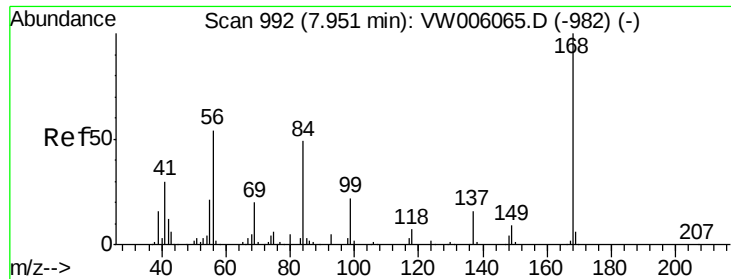
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101618\
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Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 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: VW006107.D

Acq: 17 Oct 2018 05:39

Instrument :

MSVOA_W

ClientSampleId :

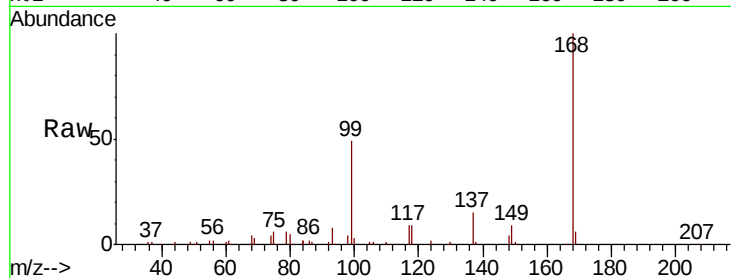
SB-9-5-7FT

Tgt Ion:168 Resp: 66369

Ion Ratio Lower Upper

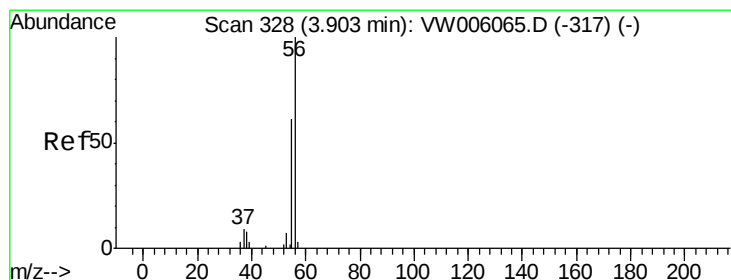
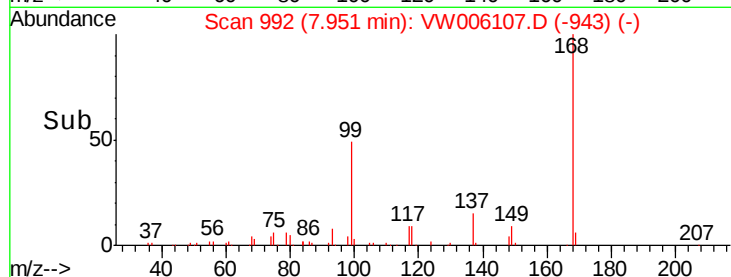
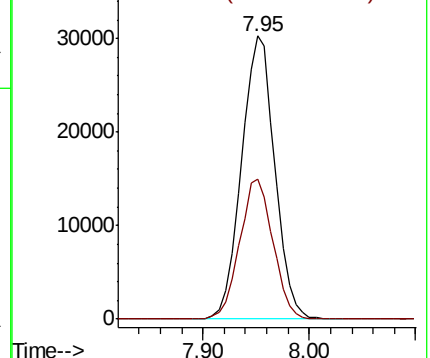
168 100

99 49.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#13

Acrolein

Concen: 1.704 ug/l

RT: 3.79 min Scan# 310

Delta R.T. -0.11 min

Lab File: VW006107.D

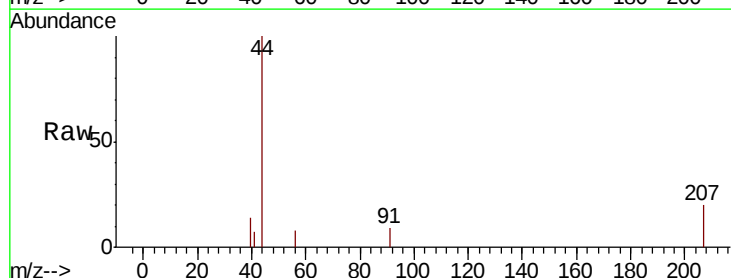
Acq: 17 Oct 2018 05:39

Tgt Ion: 56 Resp: 61

Ion Ratio Lower Upper

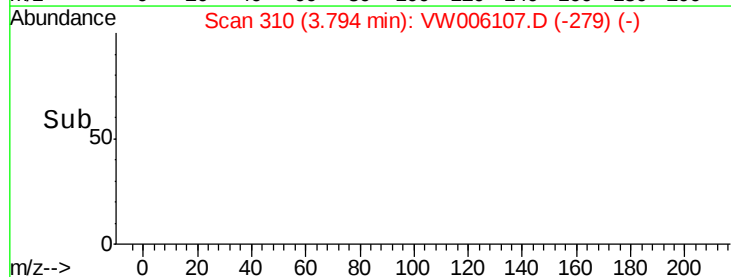
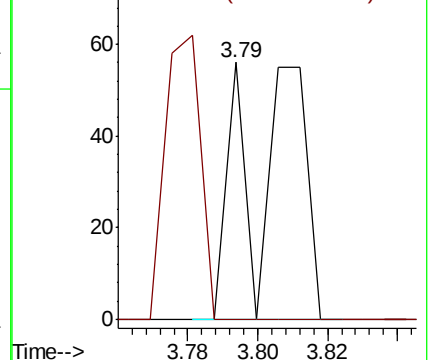
56 100

55 72.1 54.5 81.7



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW





#16

Acetone

Concen: 19.336 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW006107.D

Acq: 17 Oct 2018 05:39

Instrument :

MSVOA_W

ClientSampleId :

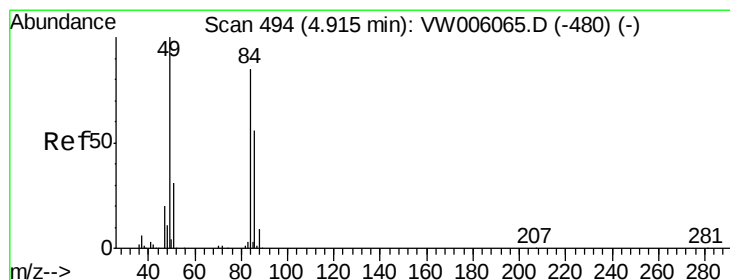
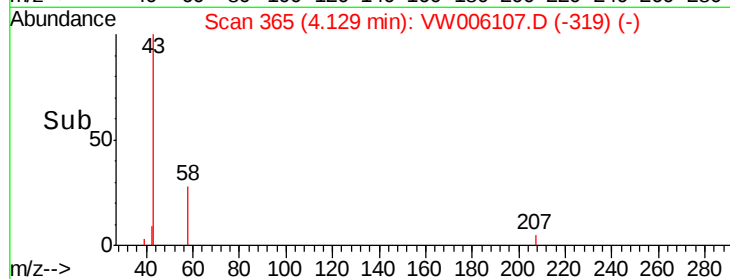
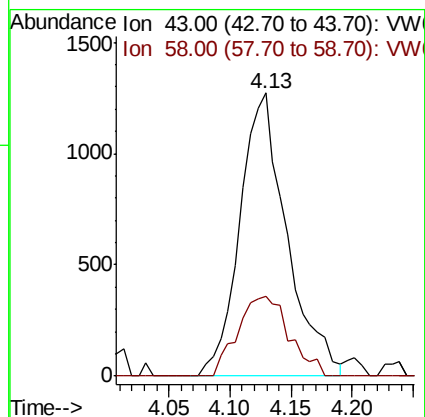
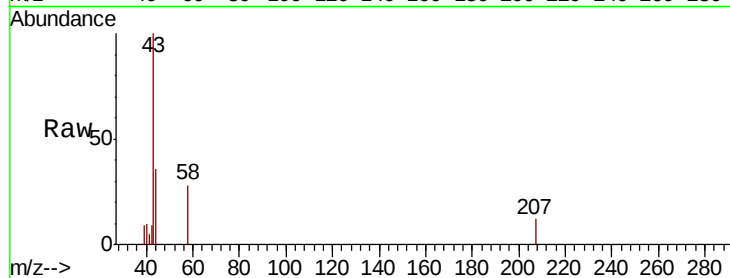
SB-9-5-7FT

Tgt Ion: 43 Resp: 3406

Ion Ratio Lower Upper

43 100

58 28.2 24.0 36.0



#20

Methylene Chloride

Concen: 3.257 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW006107.D

Acq: 17 Oct 2018 05:39

Tgt Ion: 84 Resp: 2782

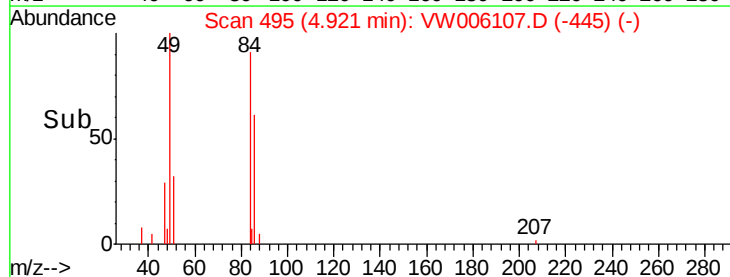
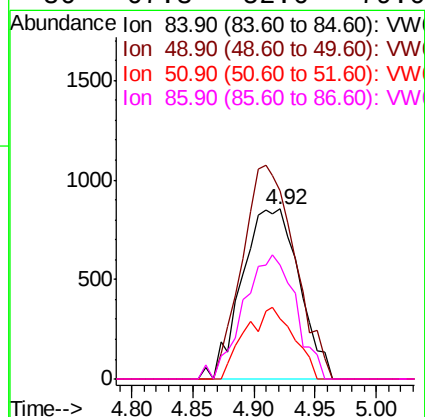
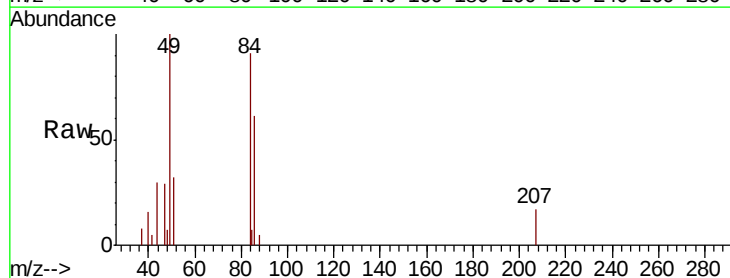
Ion Ratio Lower Upper

84 100

49 110.4 93.6 140.4

51 35.6 29.0 43.4

86 67.3 52.6 79.0





#25

2-Butanone

Concen: 1.278 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW006107.D

Acq: 17 Oct 2018 05:39

Instrument :

MSVOA_W

ClientSampleId :

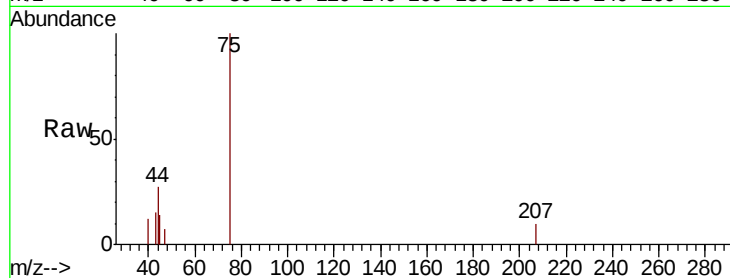
SB-9-5-7FT

Tgt Ion: 43 Resp: 190

Ion Ratio Lower Upper

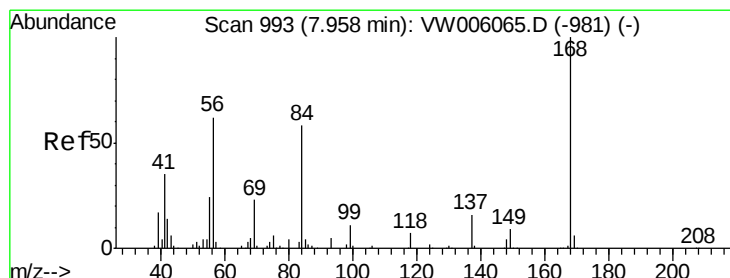
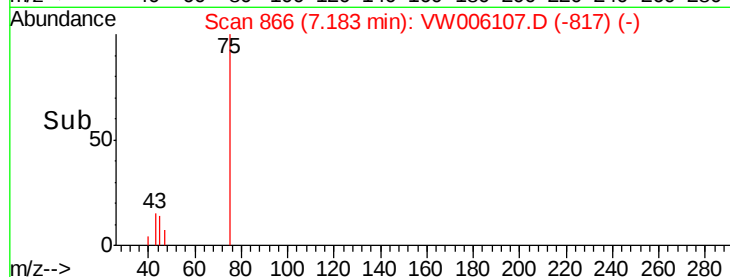
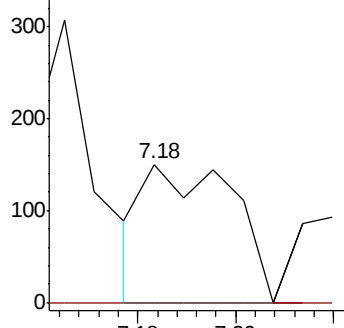
43 100

72 0.0 22.8 34.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#31

Cyclohexane

Concen: 1.353 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006107.D

Acq: 17 Oct 2018 05:39

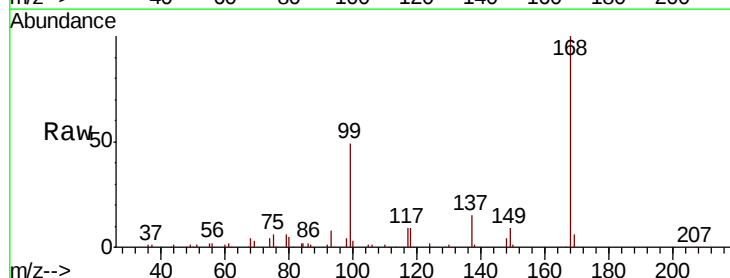
Tgt Ion: 56 Resp: 1362

Ion Ratio Lower Upper

56 100

69 153.6 29.4 44.0#

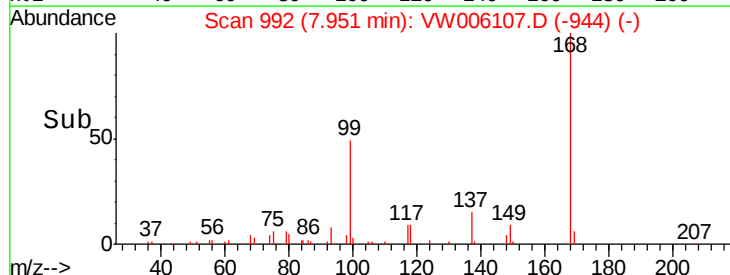
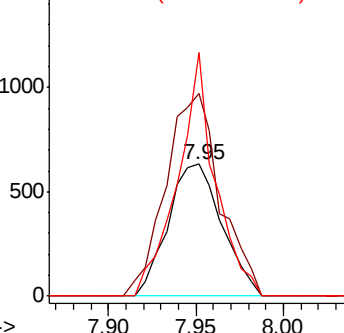
84 184.7 74.0 111.0#

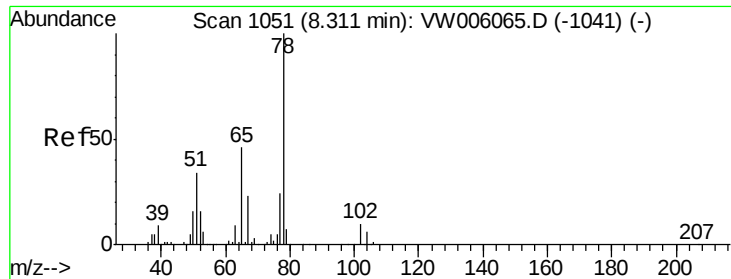


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

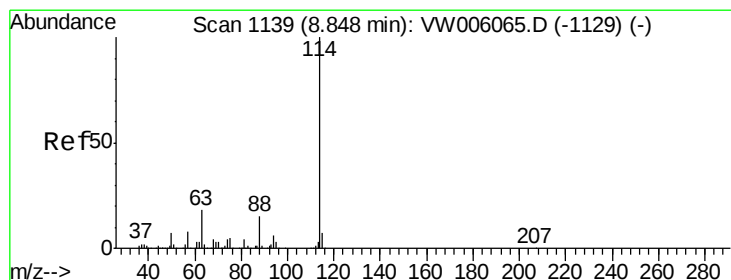
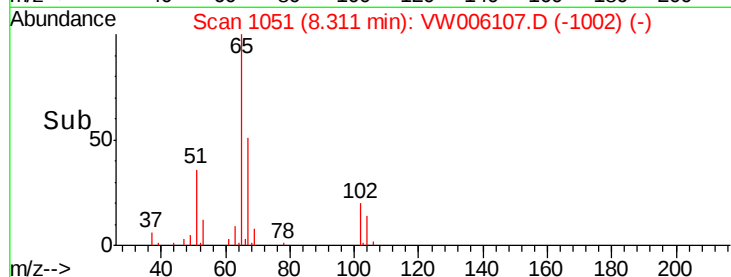
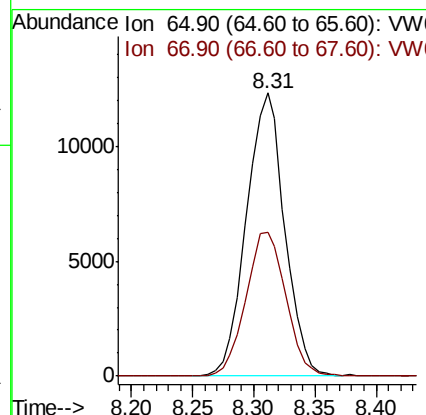
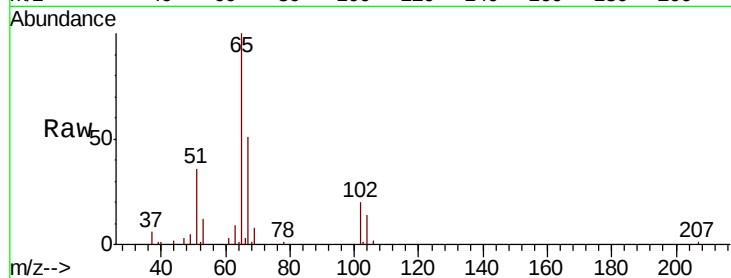




#33
 1,2-Dichloroethane-d4
 Concen: 48.650 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006107.D
 Acq: 17 Oct 2018 05:39

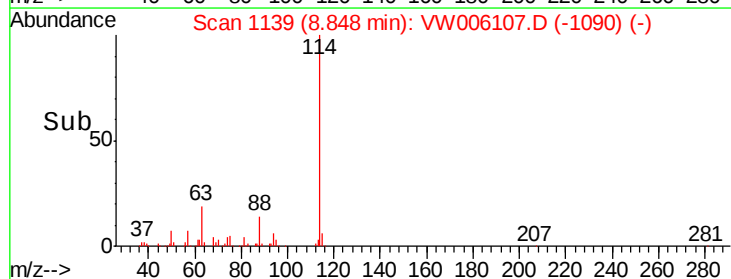
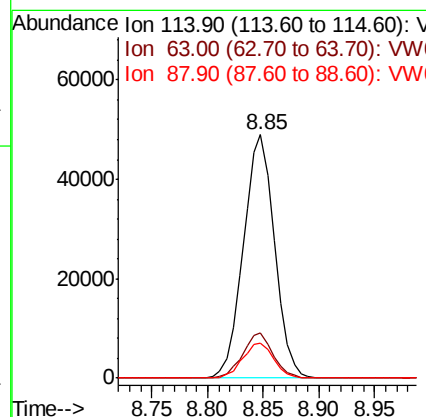
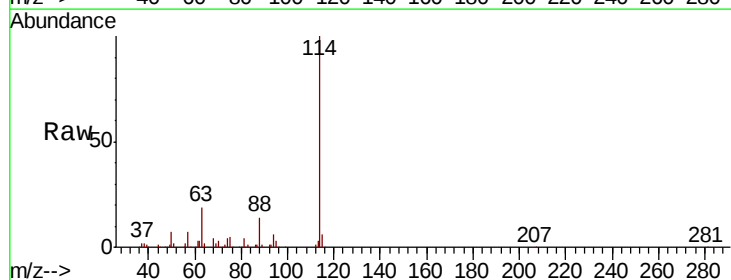
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-9-5-7FT

Tgt Ion: 65 Resp: 26769
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006107.D
 Acq: 17 Oct 2018 05:39

Tgt Ion: 114 Resp: 94755
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 36.8
 88 14.4 0.0 29.0

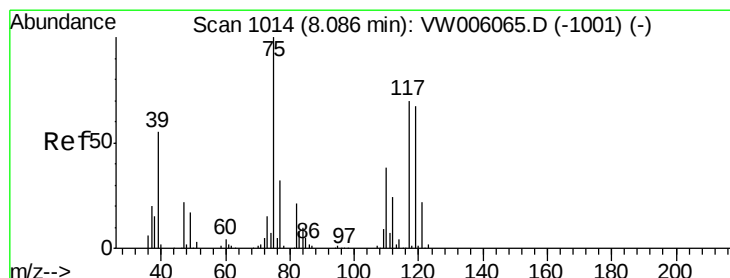
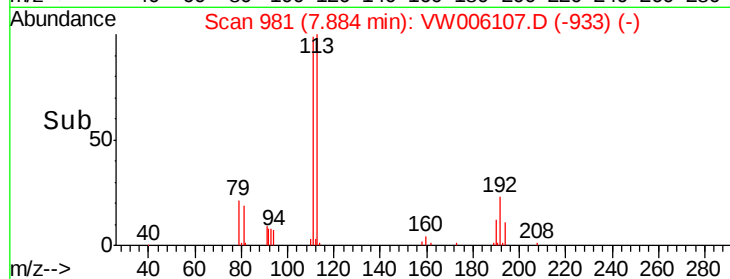
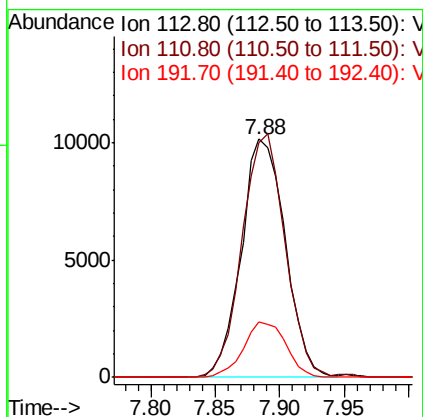
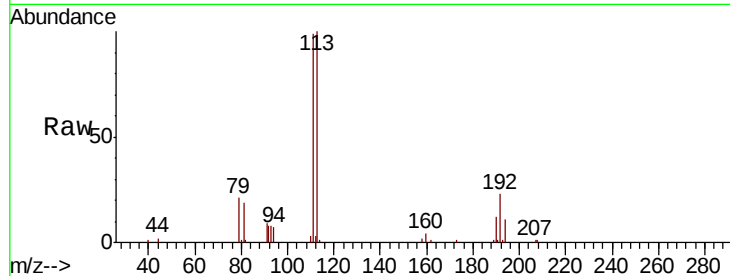




#35
 Dibromofluoromethane
 Concen: 42.956 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006107.D
 Acq: 17 Oct 2018 05:39

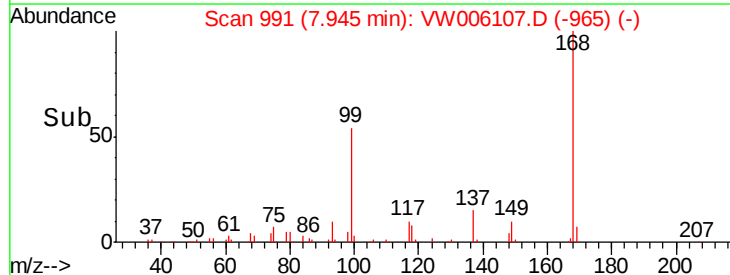
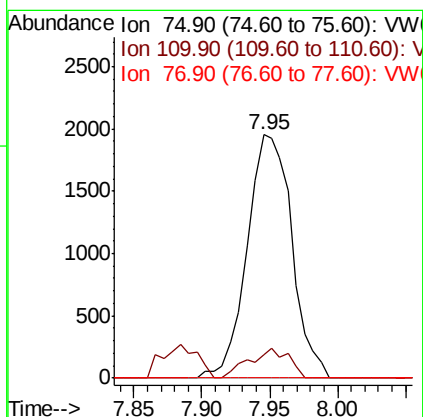
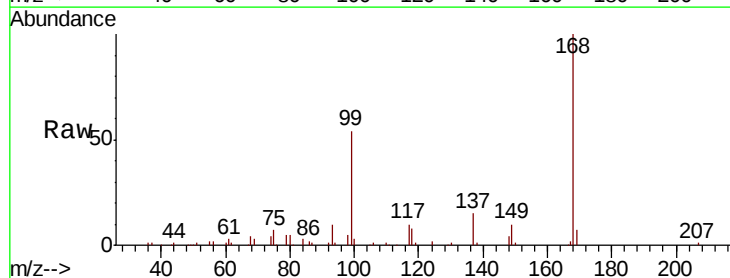
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-9-5-7FT

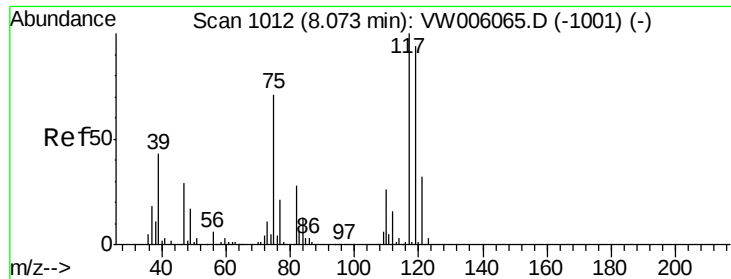
Tgt Ion: 113 Resp: 24051
 Ion Ratio Lower Upper
 113 100
 111 100.2 81.4 122.0
 192 22.3 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 5.138 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006107.D
 Acq: 17 Oct 2018 05:39

Tgt Ion: 75 Resp: 4487
 Ion Ratio Lower Upper
 75 100
 110 10.8 19.1 57.1#
 77 0.0 25.0 37.4#

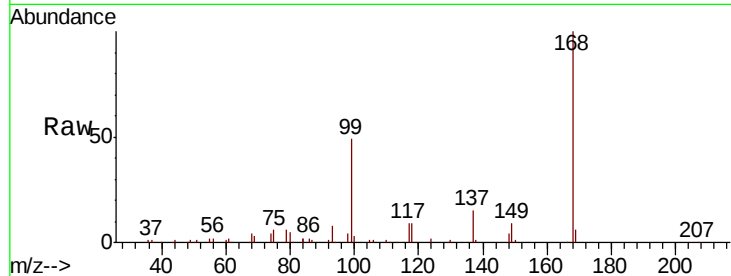




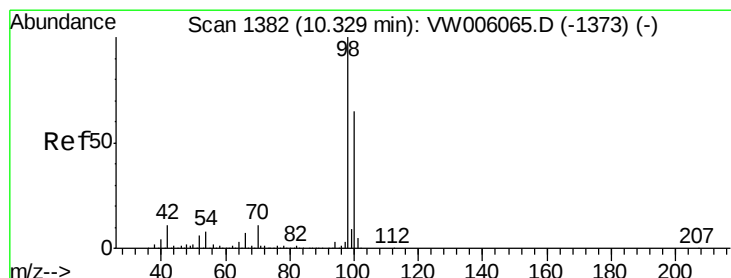
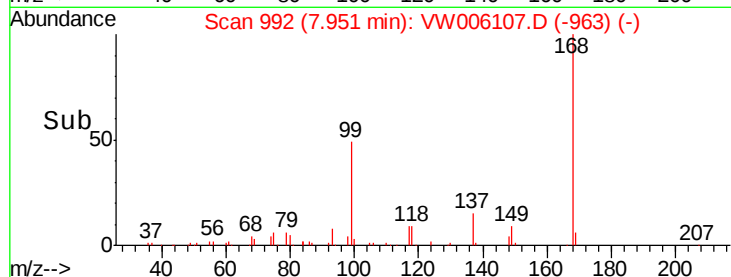
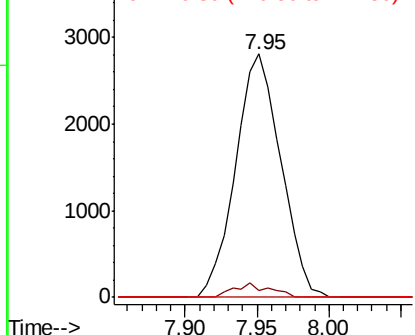
#38
Carbon Tetrachloride
Concen: 6.405 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006107.D
Acq: 17 Oct 2018 05:39

Instrument :
MSVOA_W
ClientSampled :
SB-9-5-7FT

Tgt Ion:117 Resp: 6132
Ion Ratio Lower Upper
117 100
119 2.8 75.2 112.8#
121 0.0 25.3 37.9#

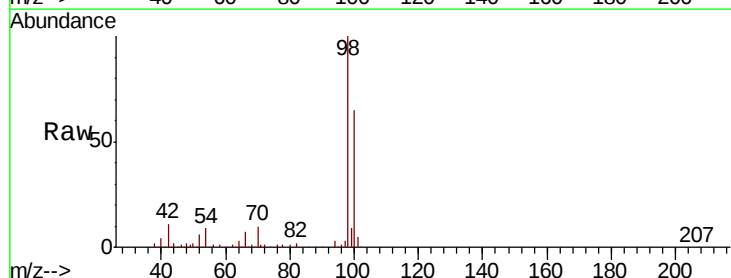


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

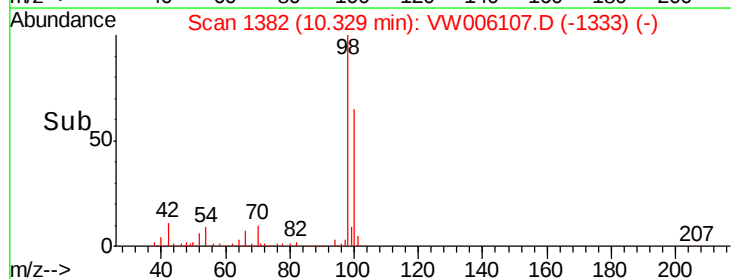
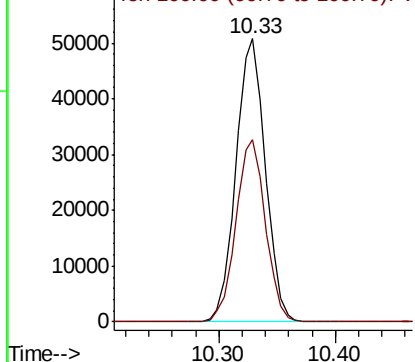


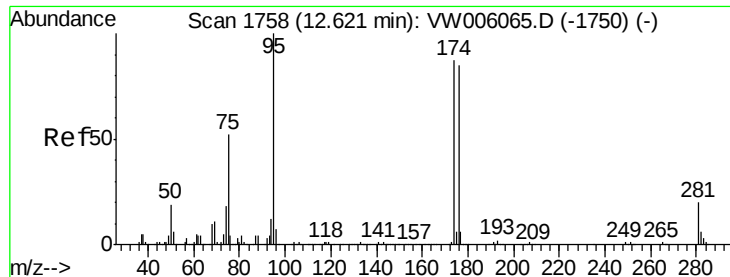
#50
Toluene-d8
Concen: 41.985 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006107.D
Acq: 17 Oct 2018 05:39

Tgt Ion: 98 Resp: 89434
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4



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





#62

4-Bromofluorobenzene

Concen: 37.921 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006107.D

Acq: 17 Oct 2018 05:39

Instrument :

MSVOA_W

ClientSampleId :

SB-9-5-7FT

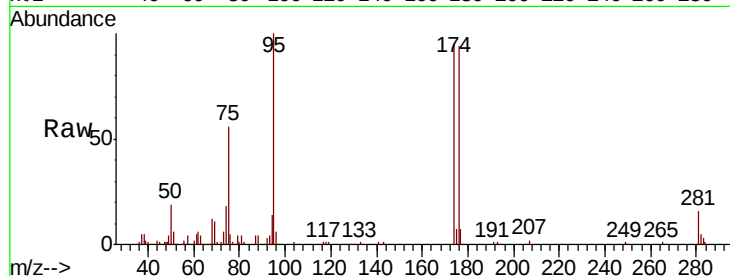
Tgt Ion: 95 Resp: 30339

Ion Ratio Lower Upper

95 100

174 94.6 0.0 186.0

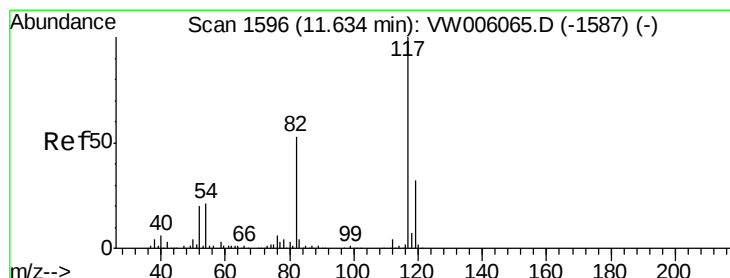
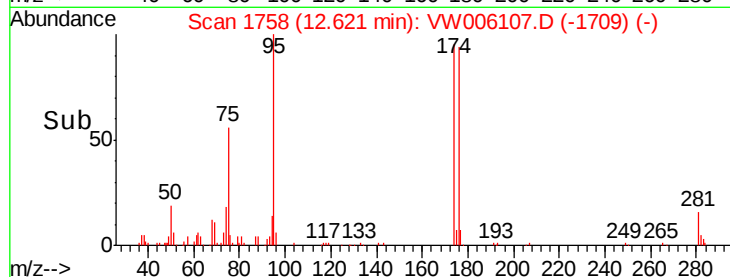
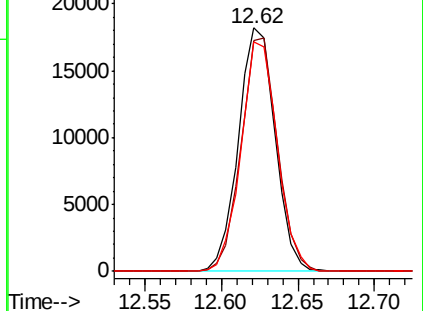
176 93.0 0.0 181.6



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: VW006107.D

Acq: 17 Oct 2018 05:39

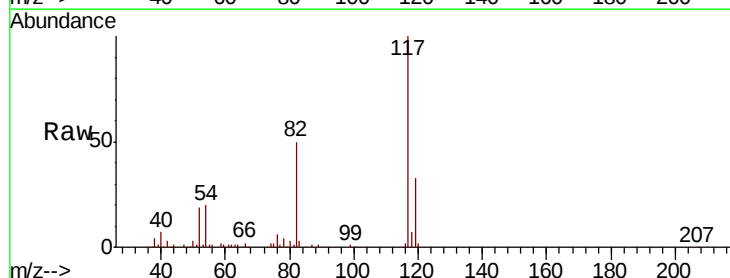
Tgt Ion: 117 Resp: 78432

Ion Ratio Lower Upper

117 100

82 50.0 42.1 63.1

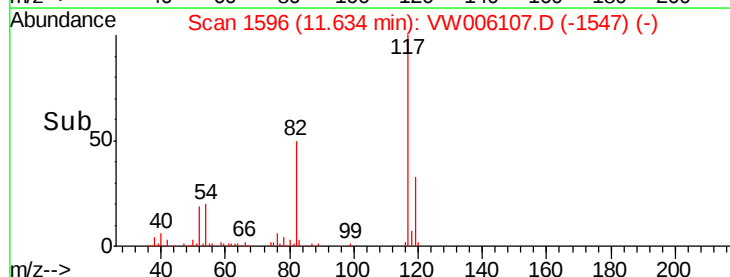
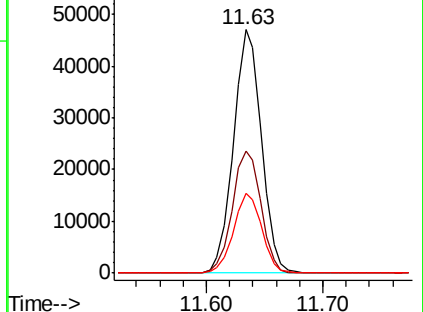
119 32.6 25.8 38.6

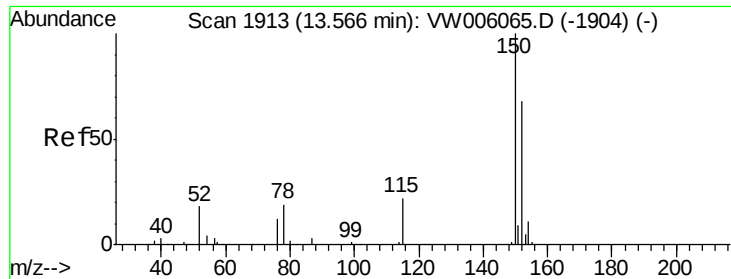


Abundance Ion 116.90 (116.60 to 117.60): VW

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. -0.01 min

Lab File: VW006107.D

Acq: 17 Oct 2018 05:39

Instrument :

MSVOA_W

ClientSampleId :

SB-9-5-7FT

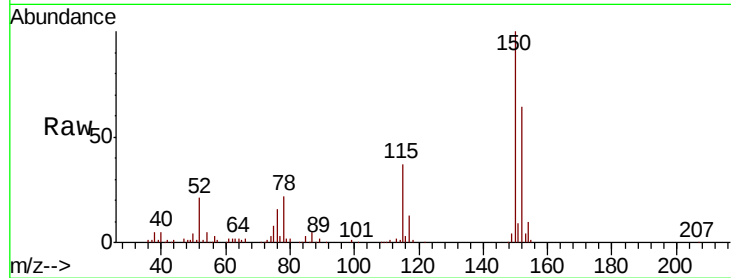
Tgt Ion:152 Resp: 36093

Ion Ratio Lower Upper

152 100

115 56.1 27.8 83.3

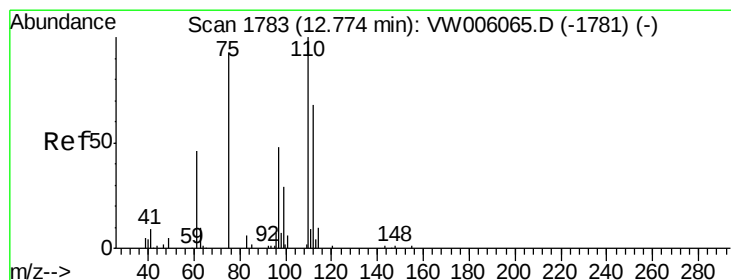
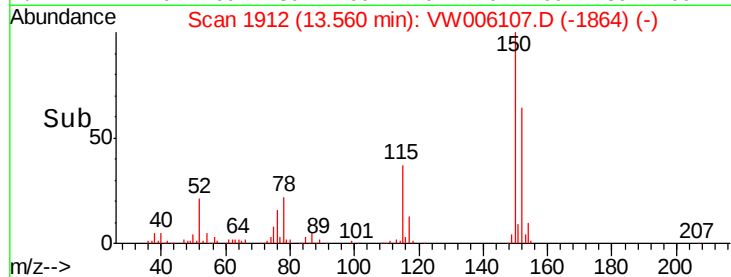
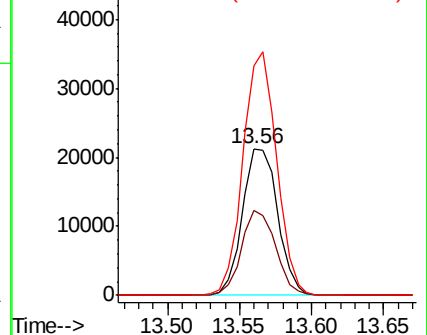
150 158.5 0.0 349.2



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: 57.723 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006107.D

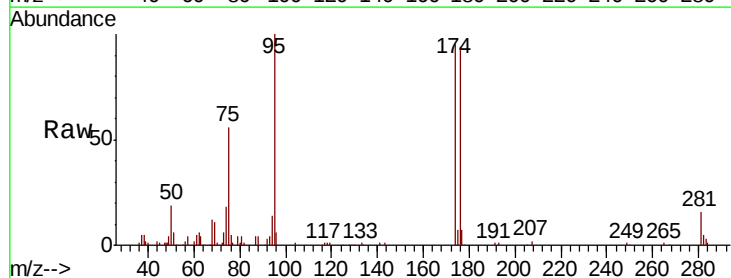
Acq: 17 Oct 2018 05:39

Tgt Ion: 75 Resp: 15913

Ion Ratio Lower Upper

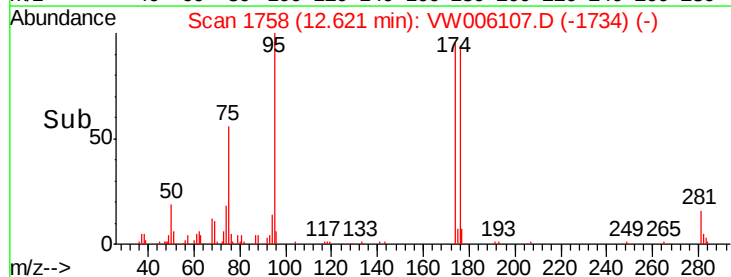
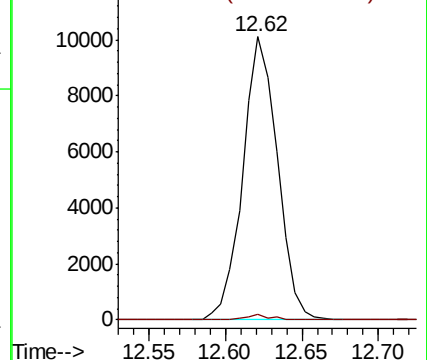
75 100

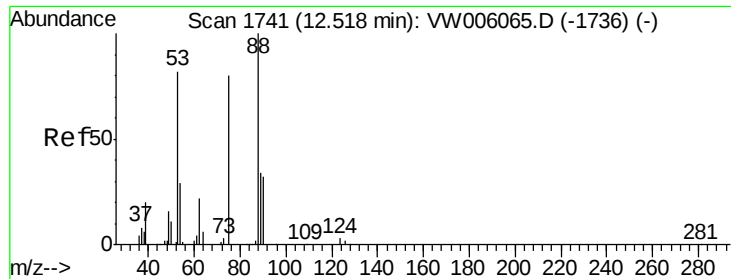
77 1.2 0.0 0.0#



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: 137.980 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006107.D

Acq: 17 Oct 2018 05:39

Instrument :

MSVOA_W

ClientSampleId :

SB-9-5-7FT

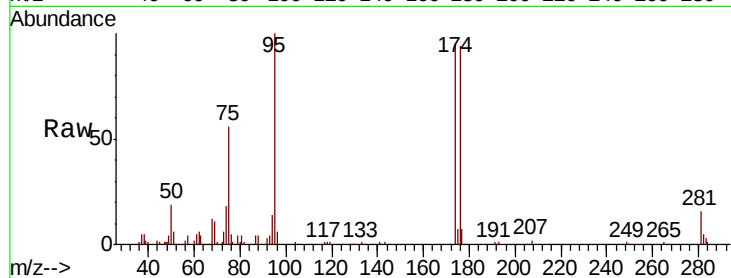
Tgt Ion: 75 Resp: 15913

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#



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

