

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101718\
 Data File : VW006153.D
 Acq On : 18 Oct 2018 04:56
 Operator : VA/AP
 Sample : J5570-02
 Misc : 6.05G/5ML/MSVOA_W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TS-07

Quant Time: Oct 18 10:50:02 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	248244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	357919	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	280931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	116009	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	99466	48.33	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.66%	
35) Dibromofluoromethane	7.88	113	99968	47.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.54%	
50) Toluene-d8	10.33	98	323719	40.23	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	80.46%	
62) 4-Bromofluorobenzene	12.62	95	107695	35.64	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	71.28%	

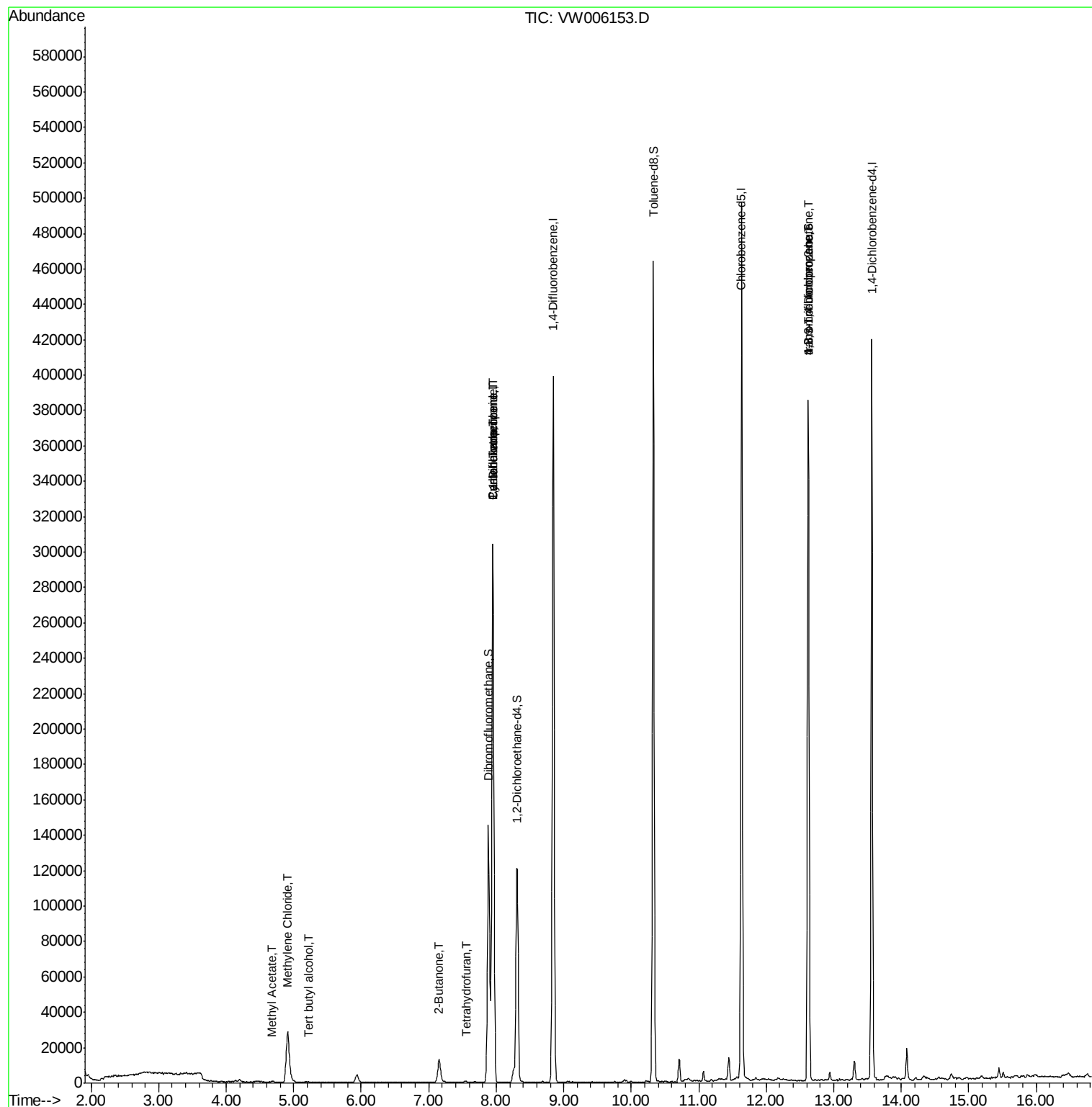
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	258	1.86	ug/l	# 71
16) Acetone	4.15	43	1547	Below	Cal	# 84
18) Methyl Acetate	4.68	43	1159	1.12	ug/l	# 73
20) Methylene Chloride	4.91	84	24427	9.91	ug/l	# 97
25) 2-Butanone	7.15	43	910	1.64	ug/l	# 46
29) Tetrahydrofuran	7.56	42	359	1.05	ug/l	# 31
31) Cyclohexane	7.95	56	4473	1.19	ug/l	# 10
36) 1,1-Dichloropropene	7.95	75	15811	4.79	ug/l	# 49
38) Carbon Tetrachloride	7.95	117	21716	6.00	ug/l	# 17
76) 1,2,3-Trichloropropane	12.62	75	55083	62.16	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.62	75	55083	148.60	ug/l	# 10

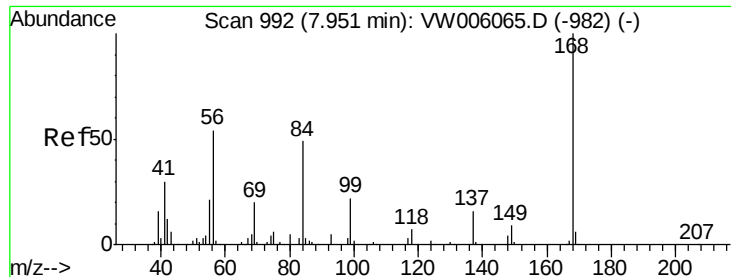
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101718\
Data File : VW006153.D
Acq On : 18 Oct 2018 04:56
Operator : VA/AP
Sample : J5570-02
Misc : 6.05G/5ML/MSVOA_W/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TS-07

Quant Time: Oct 18 10:50:02 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006153.D

Acq: 18 Oct 2018 04:56

Instrument :

MSVOA_W

ClientSampled :

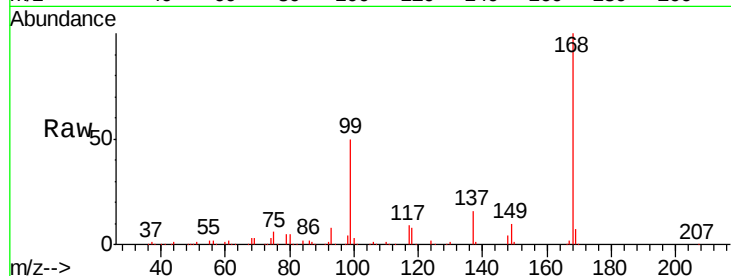
TS-07

Tgt Ion: 168 Resp: 248244

Ion Ratio Lower Upper

168 100

99 49.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

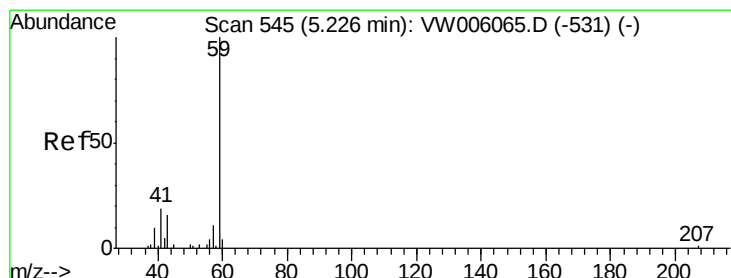
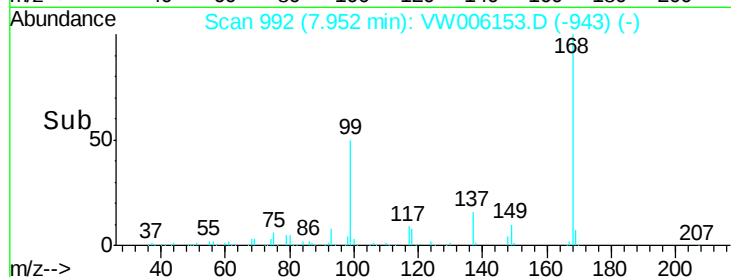
40000

20000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: 1.86 ug/l

RT: 5.21 min Scan# 543

Delta R.T. -0.01 min

Lab File: VW006153.D

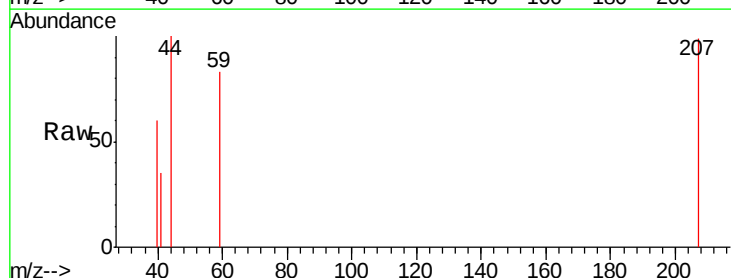
Acq: 18 Oct 2018 04:56

Tgt Ion: 59 Resp: 258

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.21

150

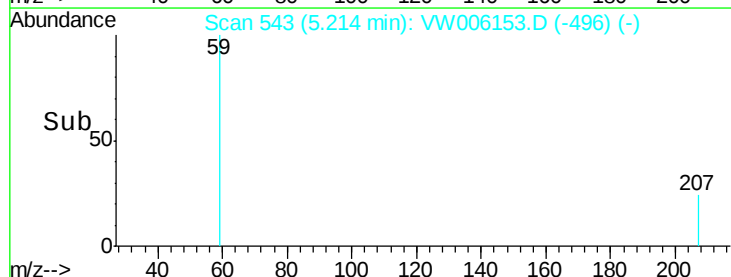
100

50

0

5.15 5.20 5.25

Time-->





#16

Acetone

Concen: Below Cal

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006153.D

Acq: 18 Oct 2018 04:56

Instrument :

MSVOA_W

ClientSampled :

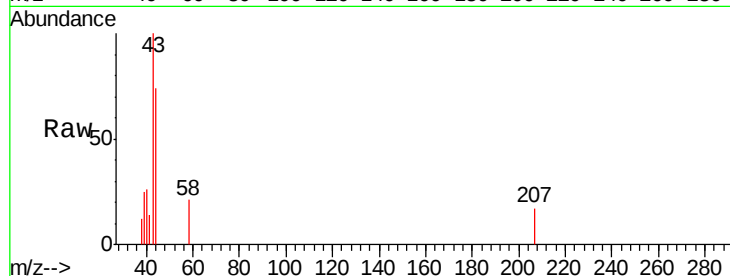
TS-07

Tgt Ion: 43 Resp: 1547

Ion Ratio Lower Upper

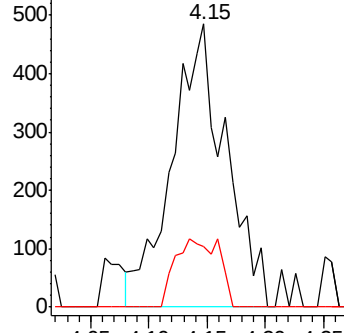
43 100

58 21.2 24.0 36.0#

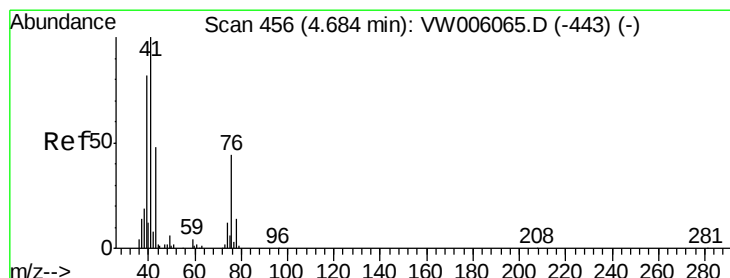
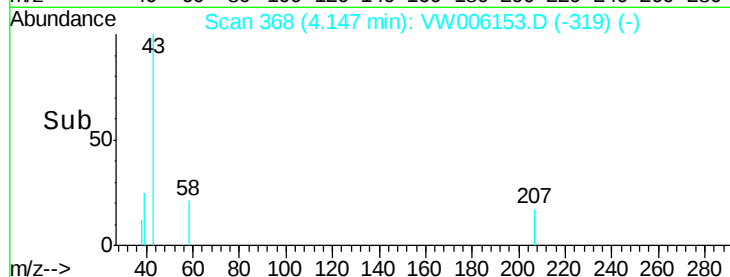


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->



#18

Methyl Acetate

Concen: 1.12 ug/l

RT: 4.68 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW006153.D

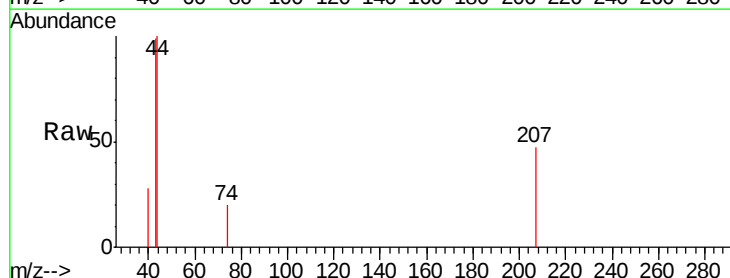
Acq: 18 Oct 2018 04:56

Tgt Ion: 43 Resp: 1159

Ion Ratio Lower Upper

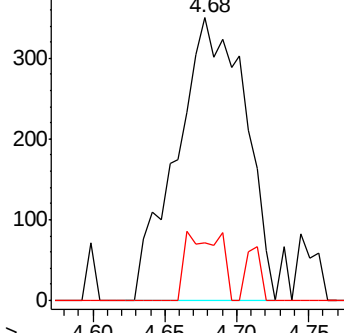
43 100

74 12.0 20.5 30.7#

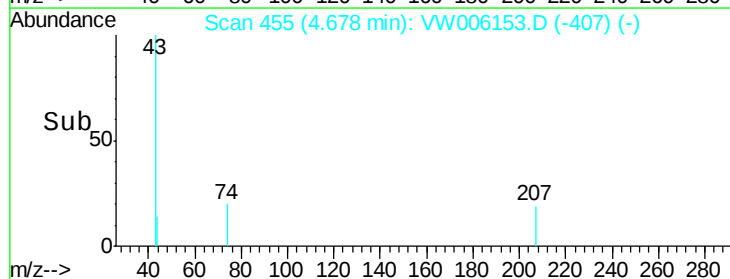


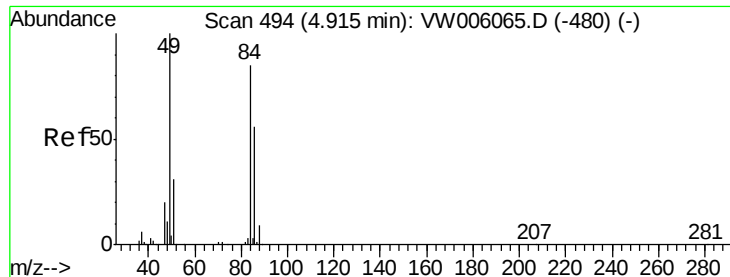
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



Time-->

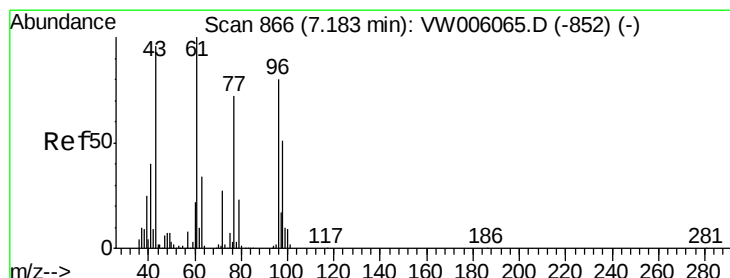
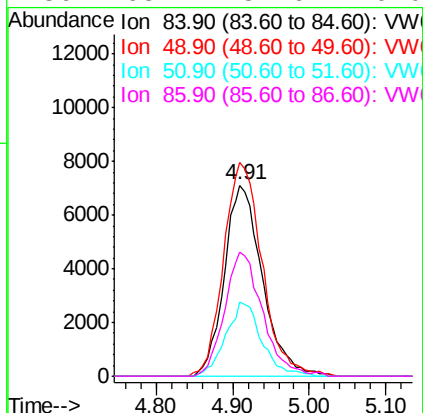
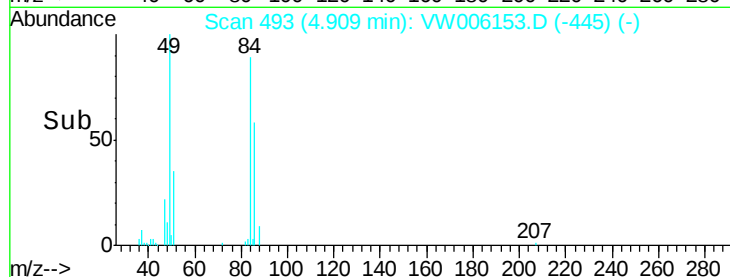
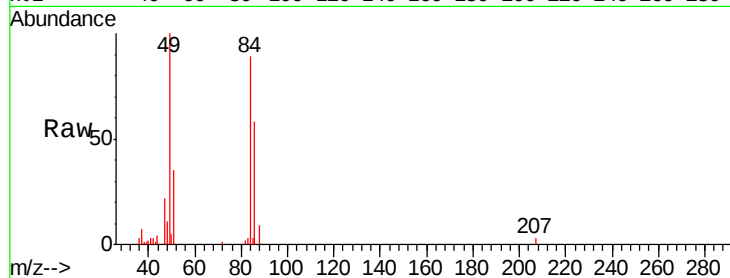




#20
Methylene Chloride
Concen: 9.91 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006153.D
Acq: 18 Oct 2018 04:56

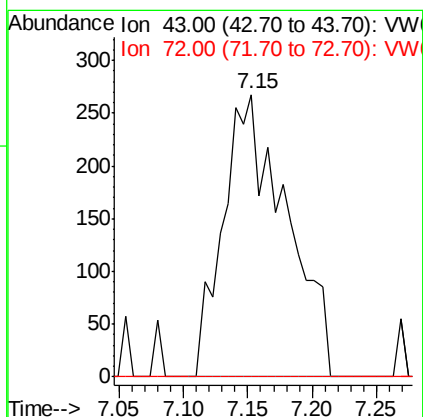
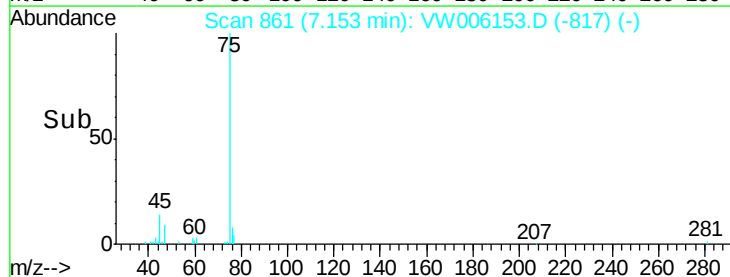
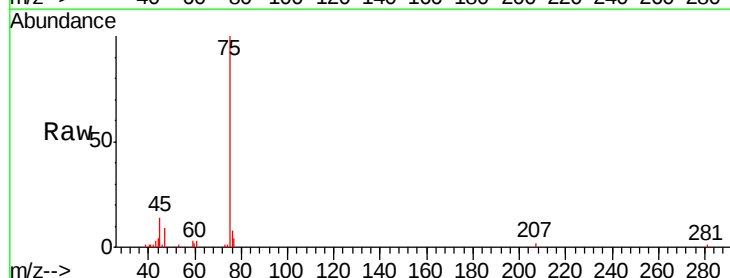
Instrument :
MSVOA_W
ClientSampled :
TS-07

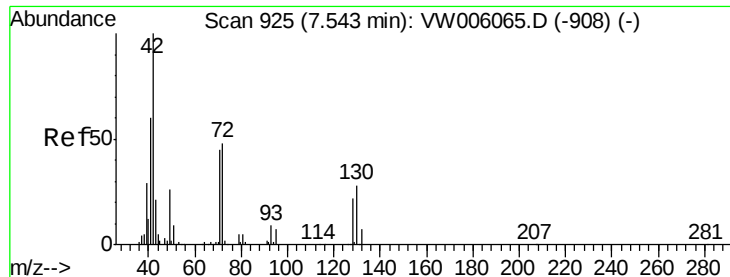
Tgt Ion:	84	Resp:	24427
Ion	Ratio	Lower	Upper
84	100		
49	111.8	93.6	140.4
51	38.8	29.0	43.4
86	65.2	52.6	79.0



#25
2-Butanone
Concen: 1.64 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.03 min
Lab File: VW006153.D
Acq: 18 Oct 2018 04:56

Tgt Ion:	43	Resp:	910
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.8	34.2#





#29

Tetrahydrofuran

Concen: 1.05 ug/l

RT: 7.56 min Scan# 927

Delta R.T. 0.01 min

Lab File: VW006153.D

Acq: 18 Oct 2018 04:56

Instrument :

MSVOA_W

ClientSampled :

TS-07

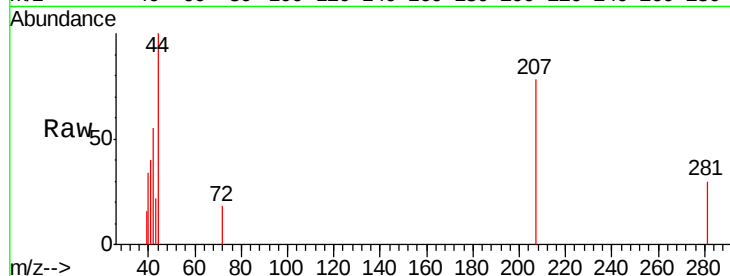
Tgt Ion: 42 Resp: 359

Ion Ratio Lower Upper

42 100

72 0.0 38.0 57.0#

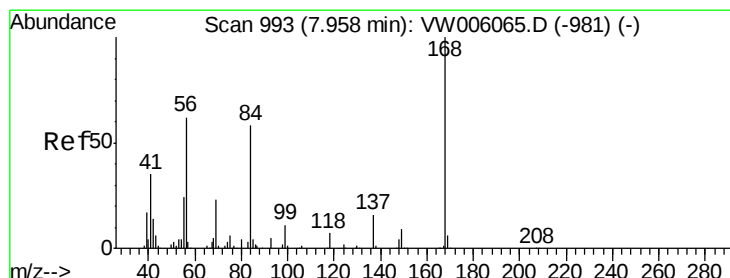
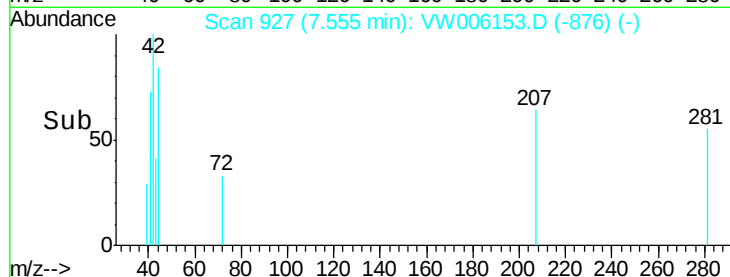
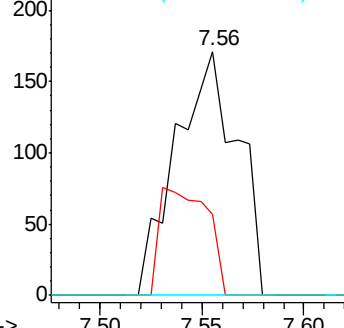
71 0.0 35.3 52.9#



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#31

Cyclohexane

Concen: 1.19 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006153.D

Acq: 18 Oct 2018 04:56

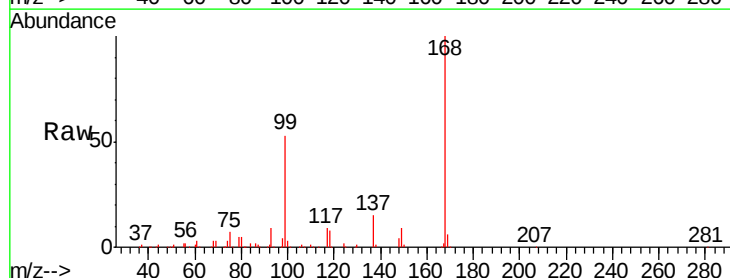
Tgt Ion: 56 Resp: 4473

Ion Ratio Lower Upper

56 100

69 167.2 29.4 44.0#

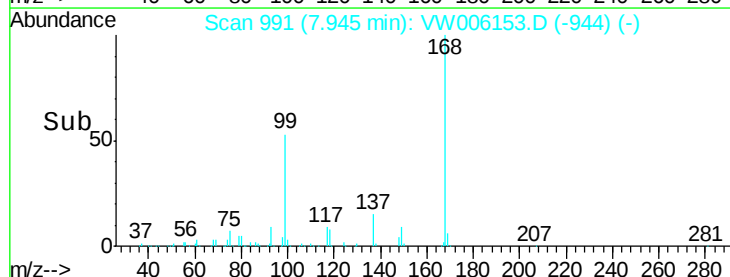
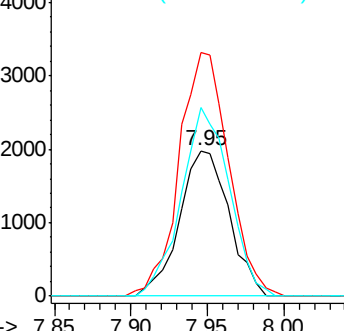
84 129.3 74.0 111.0#

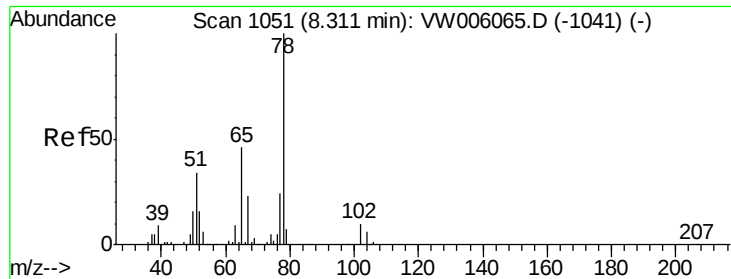


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

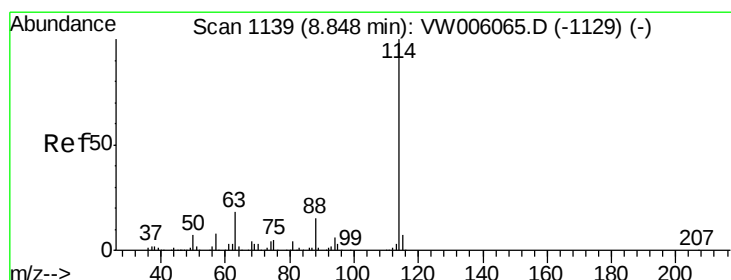
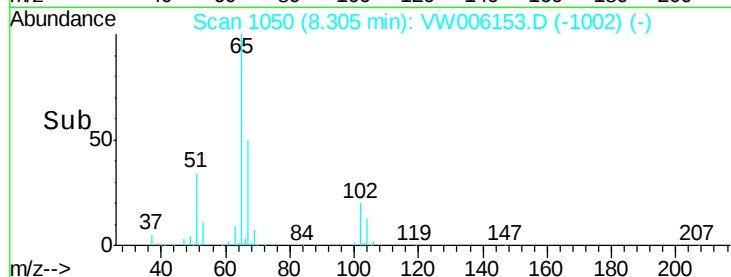
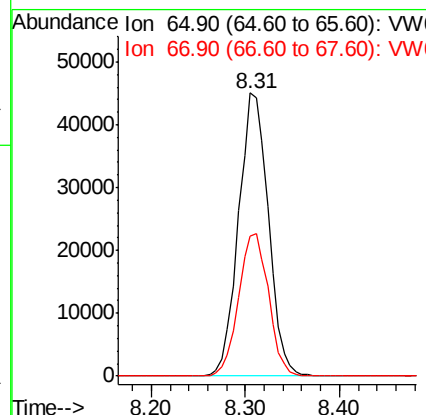
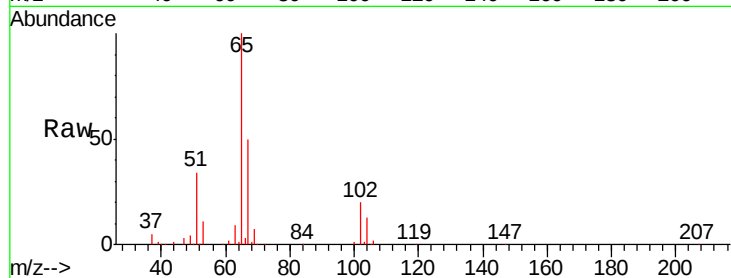




#33
 1,2-Dichloroethane-d4
 Concen: 48.33 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006153.D
 Acq: 18 Oct 2018 04:56

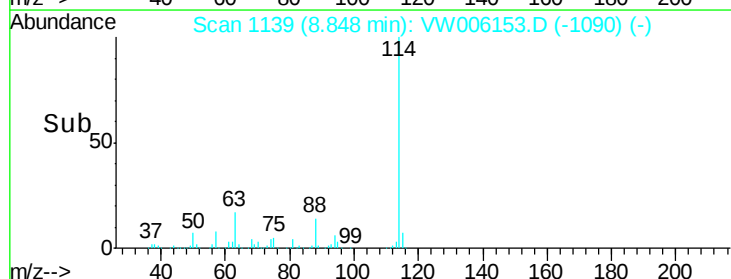
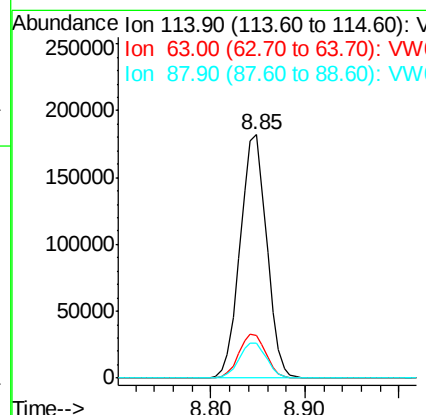
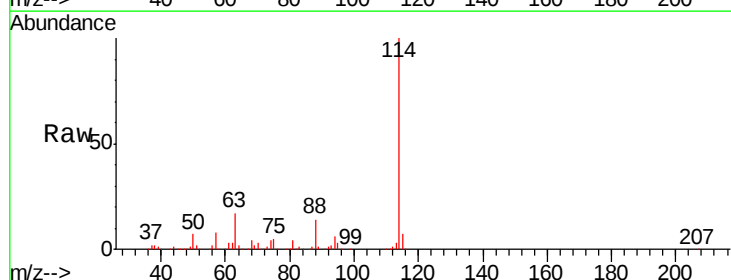
Instrument :
 MSVOA_W
 ClientSampled :
 TS-07

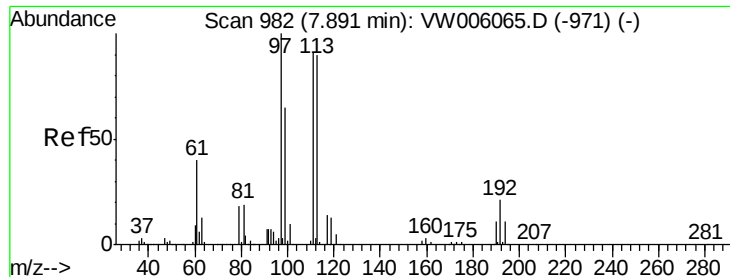
Tgt Ion: 65 Resp: 99466
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006153.D
 Acq: 18 Oct 2018 04:56

Tgt Ion: 114 Resp: 357919
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 36.8
 88 14.4 0.0 29.0

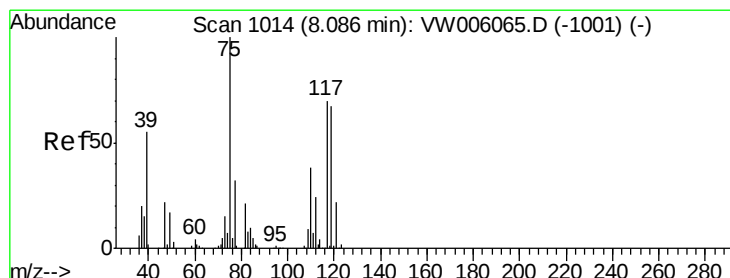
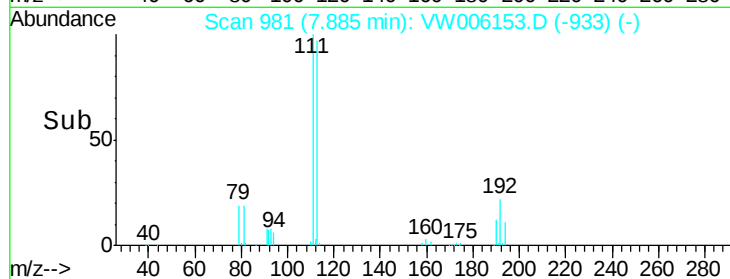
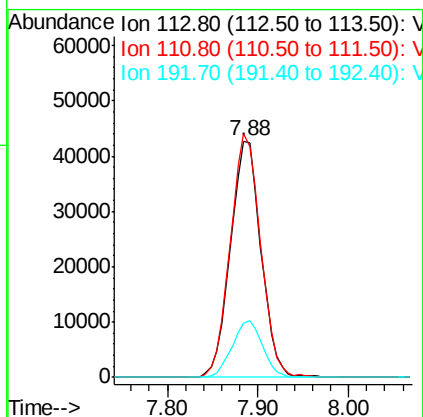
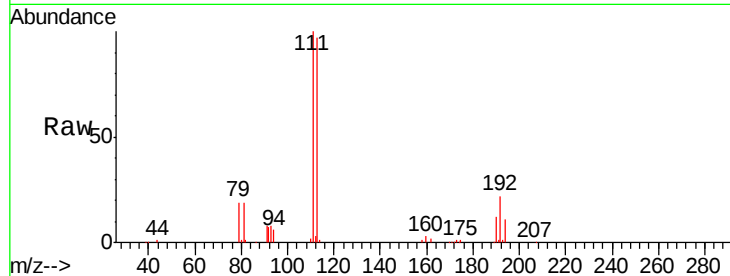




#35
 Dibromofluoromethane
 Concen: 47.27 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006153.D
 Acq: 18 Oct 2018 04:56

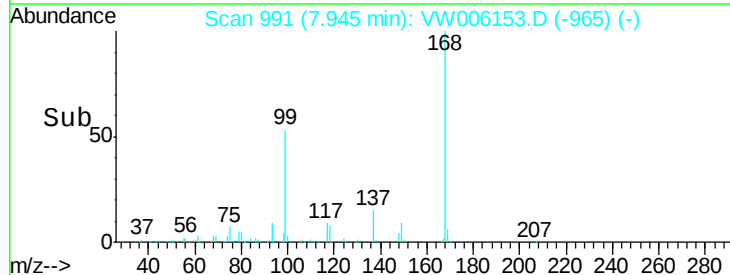
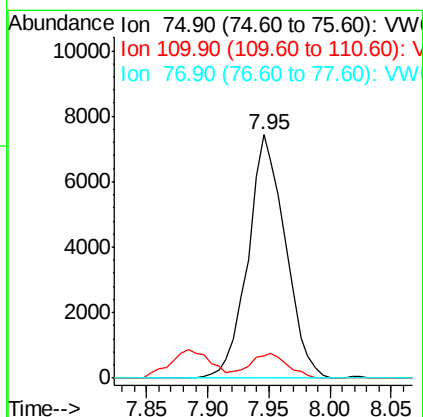
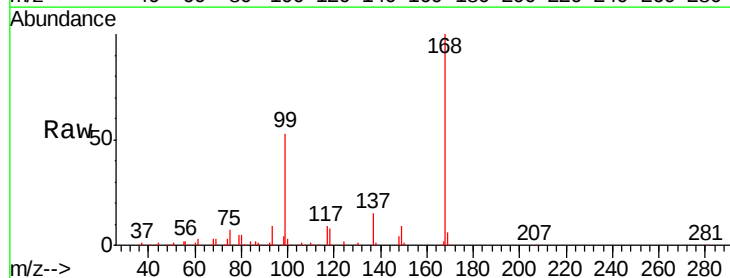
Instrument :
 MSVOA_W
 ClientSampleId :
 TS-07

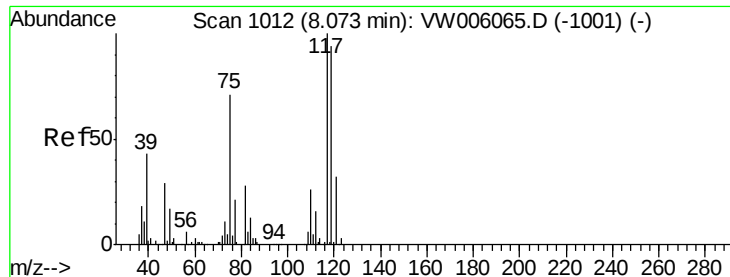
Tgt Ion:113 Resp: 99968
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.4 122.0
 192 23.8 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 4.79 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006153.D
 Acq: 18 Oct 2018 04:56

Tgt Ion: 75 Resp: 15811
 Ion Ratio Lower Upper
 75 100
 110 10.0 19.1 57.1#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.00 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW006153.D

Acq: 18 Oct 2018 04:56

Instrument :

MSVOA_W

ClientSampleId :

TS-07

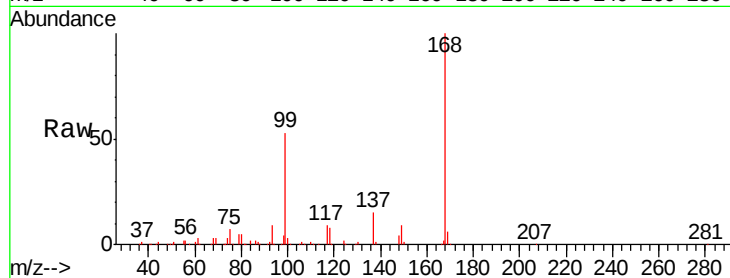
Tgt Ion:117 Resp: 21716

Ion Ratio Lower Upper

117 100

119 5.4 75.2 112.8#

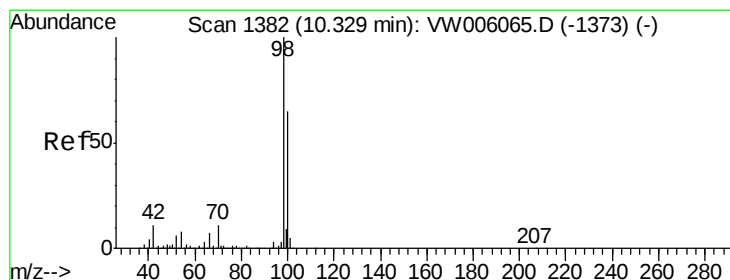
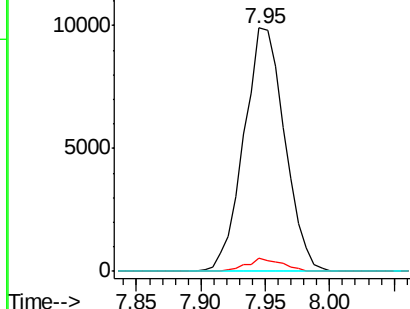
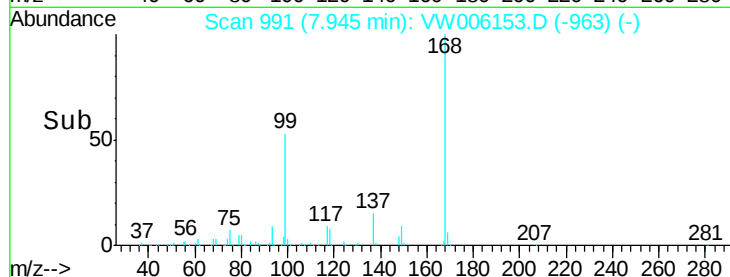
121 0.0 25.3 37.9#



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: 40.23 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006153.D

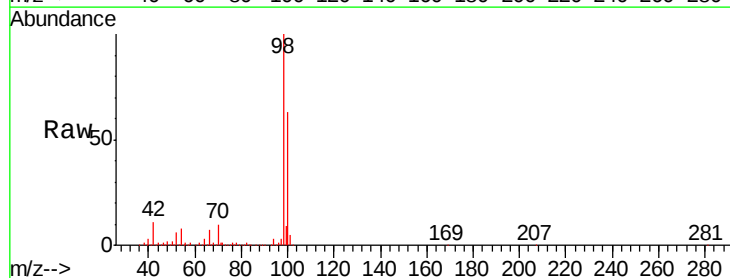
Acq: 18 Oct 2018 04:56

Tgt Ion: 98 Resp: 323719

Ion Ratio Lower Upper

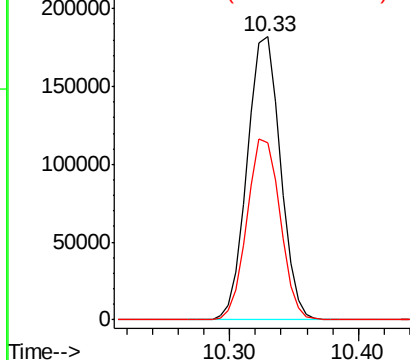
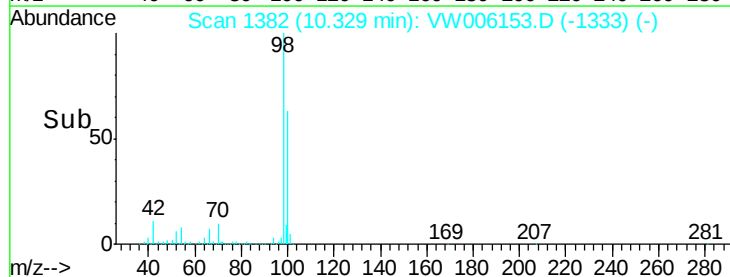
98 100

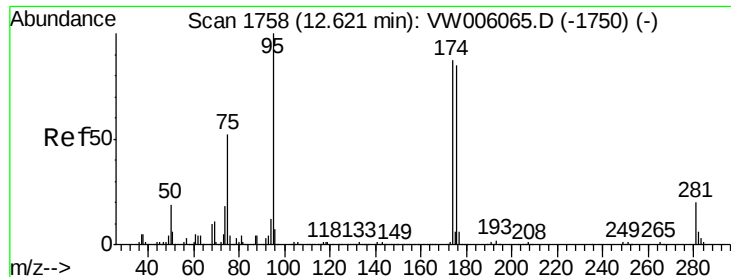
100 64.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 35.64 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006153.D

Acq: 18 Oct 2018 04:56

Instrument :

MSVOA_W

ClientSampleId :

TS-07

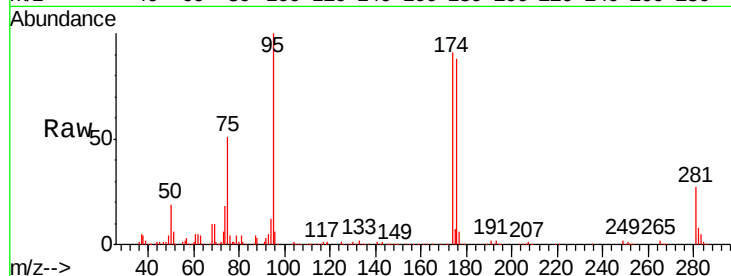
Tgt Ion: 95 Resp: 107695

Ion Ratio Lower Upper

95 100

174 94.6 0.0 186.0

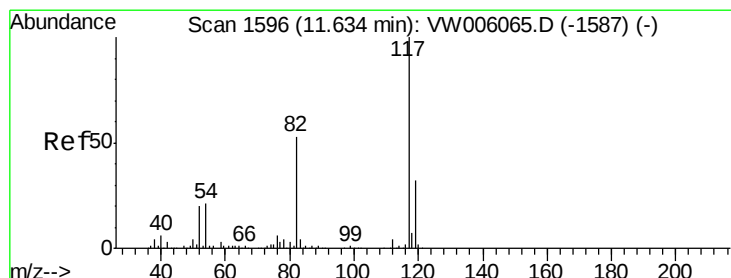
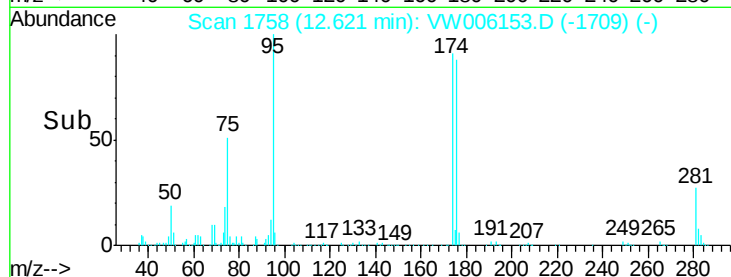
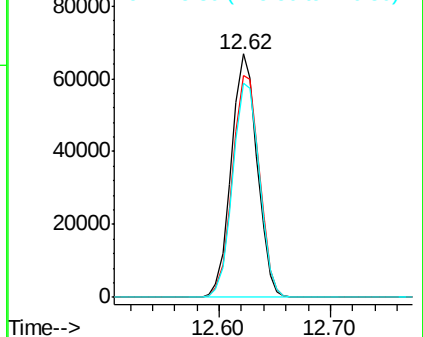
176 90.9 0.0 181.6



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: 50.00 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006153.D

Acq: 18 Oct 2018 04:56

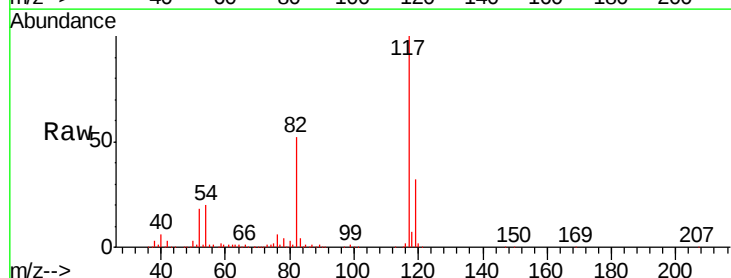
Tgt Ion: 117 Resp: 280931

Ion Ratio Lower Upper

117 100

82 51.7 42.1 63.1

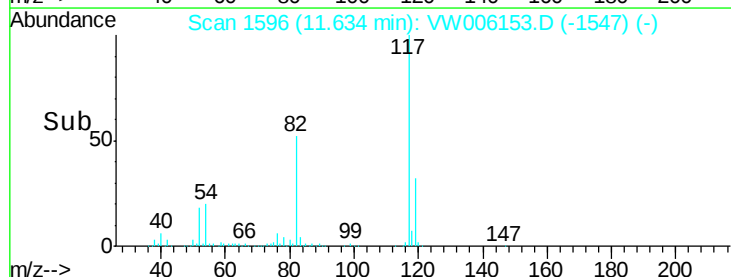
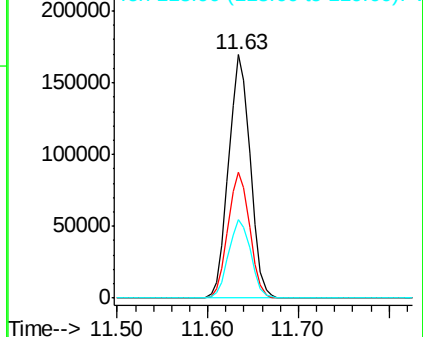
119 32.2 25.8 38.6

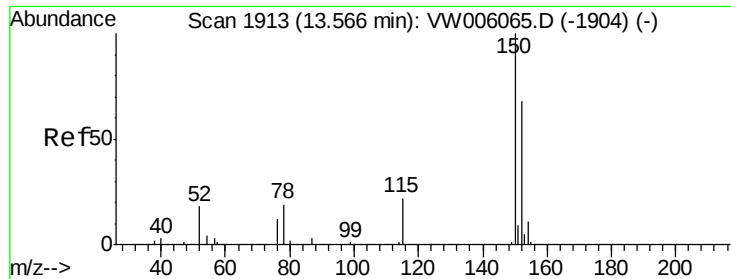


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006153.D

Acq: 18 Oct 2018 04:56

Instrument :

MSVOA_W

ClientSampled :

TS-07

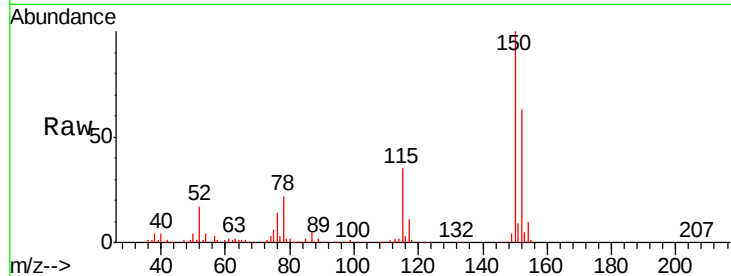
Tgt Ion:152 Resp: 116009

Ion Ratio Lower Upper

152 100

115 56.2 27.8 83.3

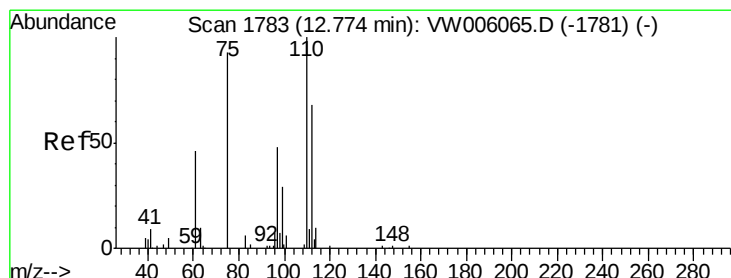
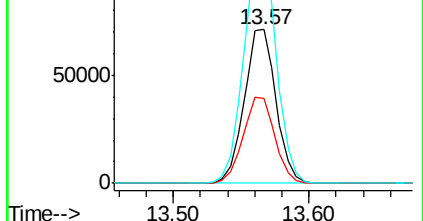
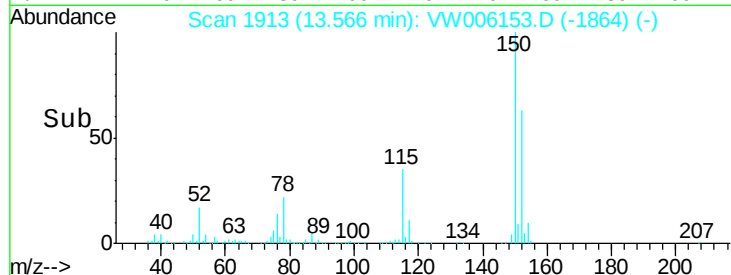
150 157.2 0.0 349.2



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: 62.16 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006153.D

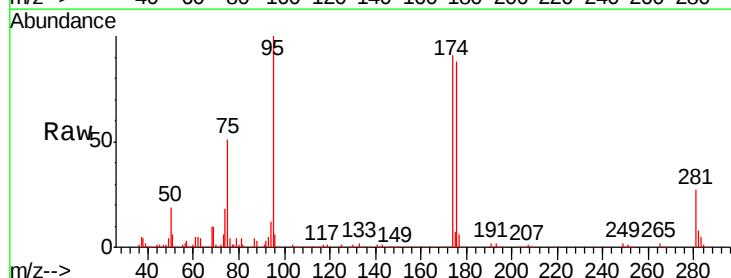
Acq: 18 Oct 2018 04:56

Tgt Ion: 75 Resp: 55083

Ion Ratio Lower Upper

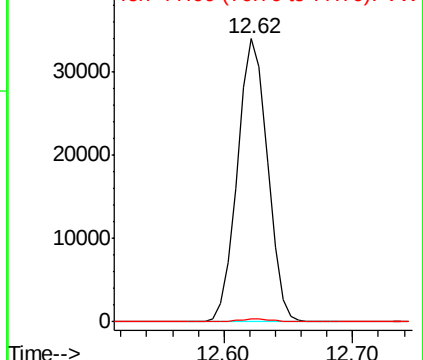
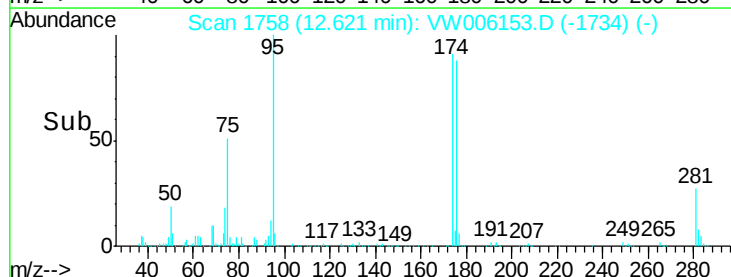
75 100

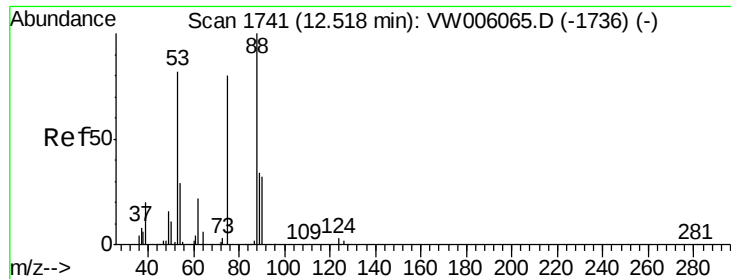
77 1.2 0.0 0.0#



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: 148.60 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006153.D

Acq: 18 Oct 2018 04:56

Instrument :

MSVOA_W

ClientSampleId :

TS-07

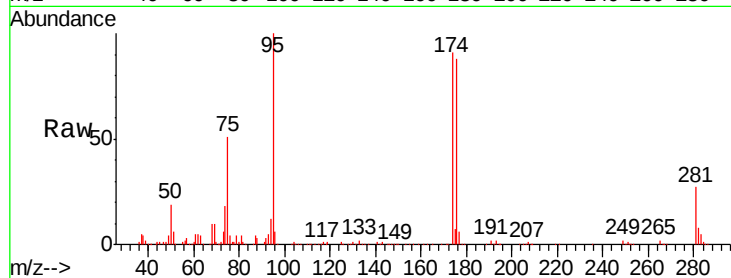
Tgt Ion: 75 Resp: 55083

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.2 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

