

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101018\
 Data File : VW005983.D
 Acq On : 10 Oct 2018 13:02
 Operator : SY/AP
 Sample : J5302-01RE
 Misc : 5.20G/5ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-TW-1-(16.5-17)

Quant Time: Oct 10 16:49:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	240332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	357025	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	328665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	175675	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	108209	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	
35) Dibromofluoromethane	7.88	113	107671	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	
50) Toluene-d8	10.33	98	400268	45.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.28%	
62) 4-Bromofluorobenzene	12.62	95	145163	43.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.02%	

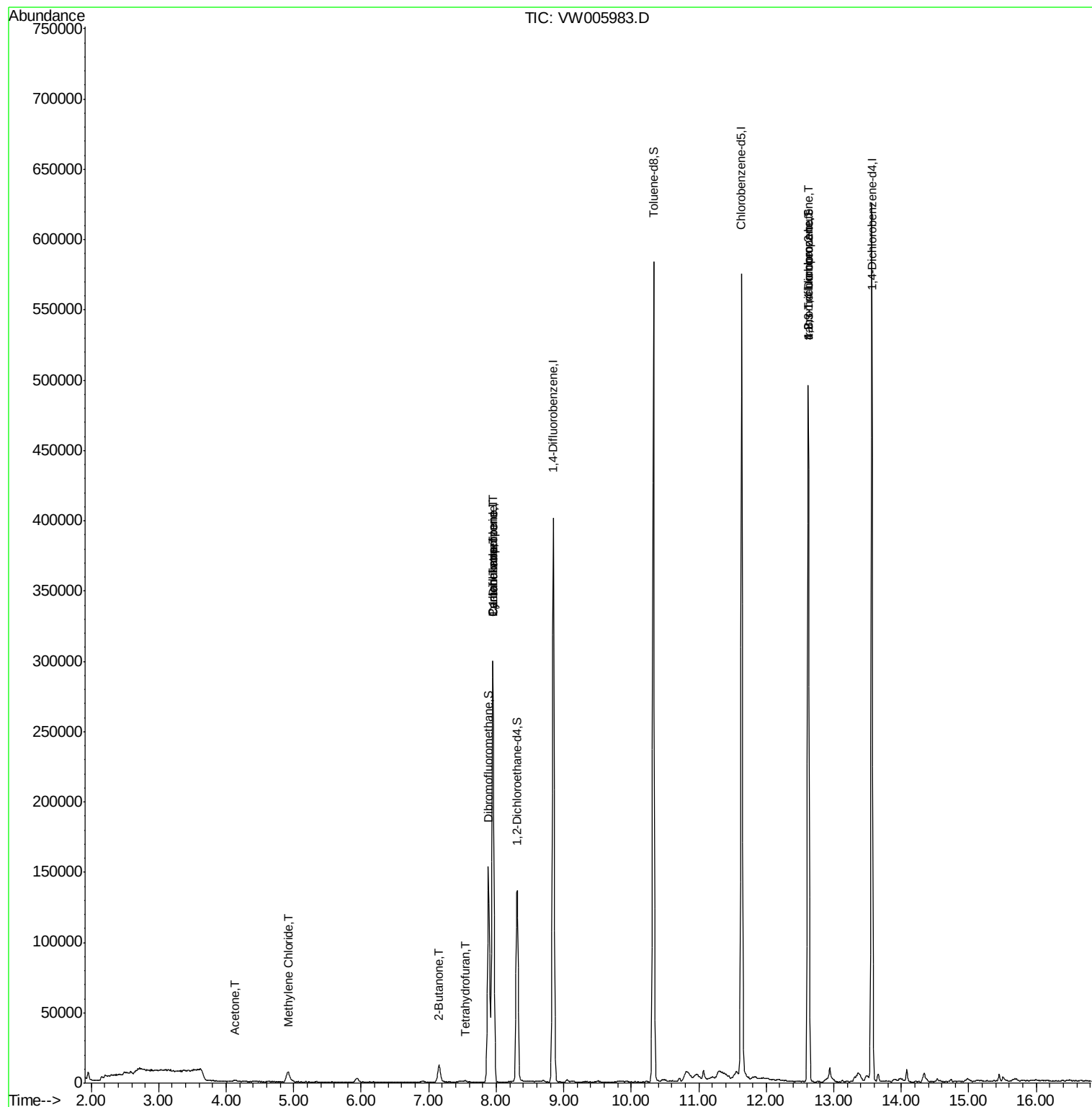
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	2104	4.51	ug/l	91
20) Methylene Chloride	4.92	84	7066	3.03	ug/l	87
25) 2-Butanone	7.15	43	1436	2.17	ug/l	93
29) Tetrahydrofuran	7.53	42	541	1.29	ug/l #	77
31) Cyclohexane	7.95	56	4424	1.08	ug/l #	22
36) 1,1-Dichloropropene	7.95	75	15680	4.58	ug/l #	49
38) Carbon Tetrachloride	7.95	117	21992	5.98	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	73802	47.03	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	73802	99.29	ug/l #	11

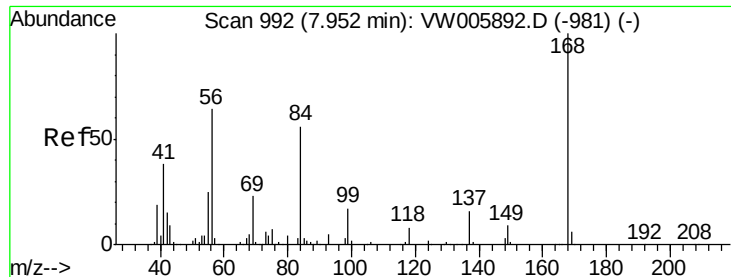
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101018\
Data File : VW005983.D
Acq On : 10 Oct 2018 13:02
Operator : SY/AP
Sample : J5302-01RE
Misc : 5.20G/5ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-TW-1-(16.5-17)

Quant Time: Oct 10 16:49:28 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 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: VW005983.D

Acq: 10 Oct 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

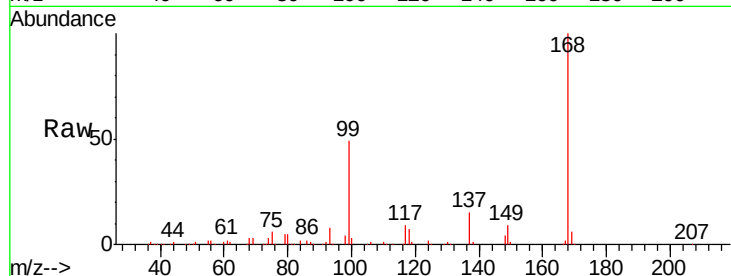
SB-TW-1-(16.5-17)

Tgt Ion:168 Resp: 240332

Ion Ratio Lower Upper

168 100

99 48.7 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

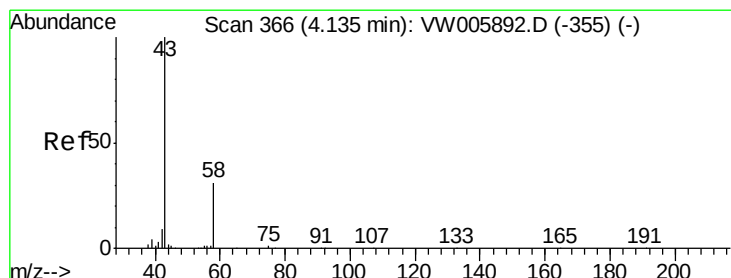
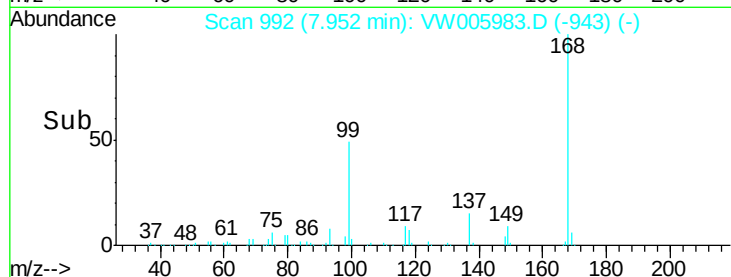
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 4.51 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW005983.D

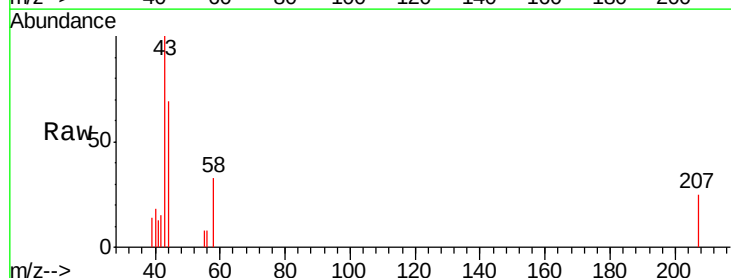
Acq: 10 Oct 2018 13:02

Tgt Ion: 43 Resp: 2104

Ion Ratio Lower Upper

43 100

58 35.9 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

800

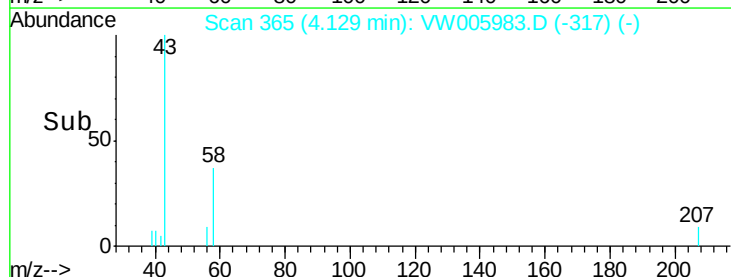
600

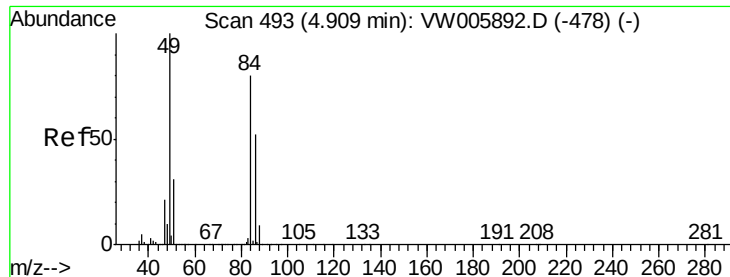
400

200

0

Time-->





#20

Methylene Chloride

Concen: 3.03 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW005983.D

Acq: 10 Oct 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

SB-TW-1-(16.5-17)

Tgt Ion: 84 Resp: 7066

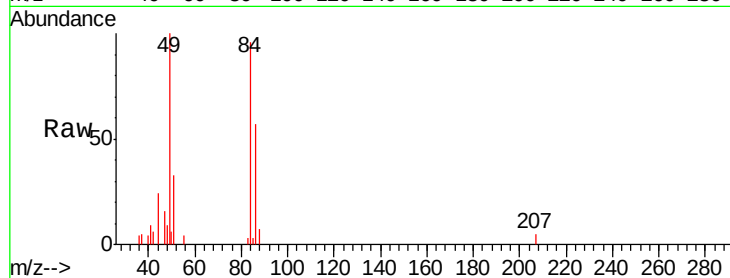
Ion Ratio Lower Upper

84 100

49 103.7 99.9 149.9

51 34.2 31.1 46.7

86 59.5 51.8 77.6

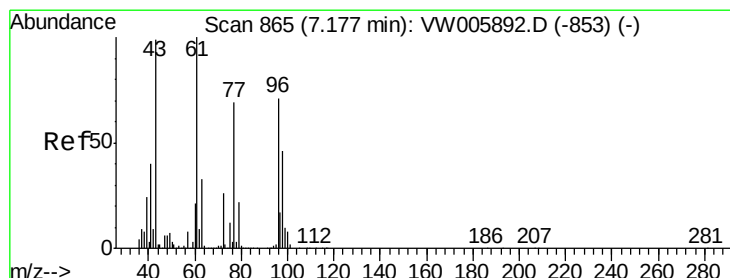
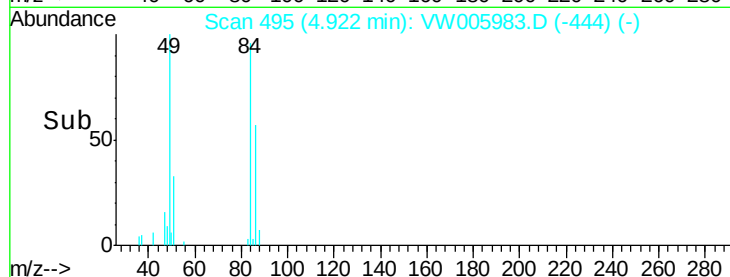
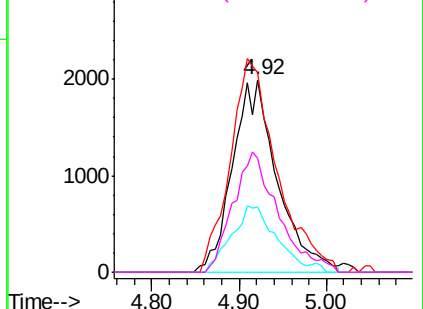


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#25

2-Butanone

Concen: 2.17 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: VW005983.D

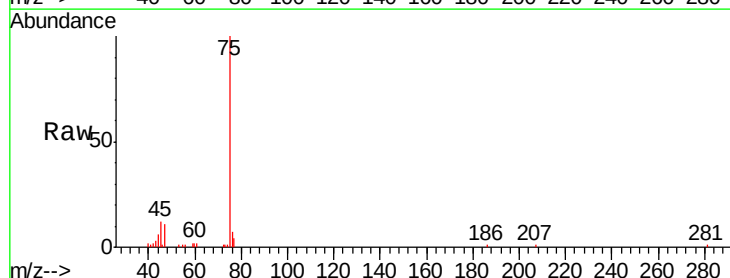
Acq: 10 Oct 2018 13:02

Tgt Ion: 43 Resp: 1436

Ion Ratio Lower Upper

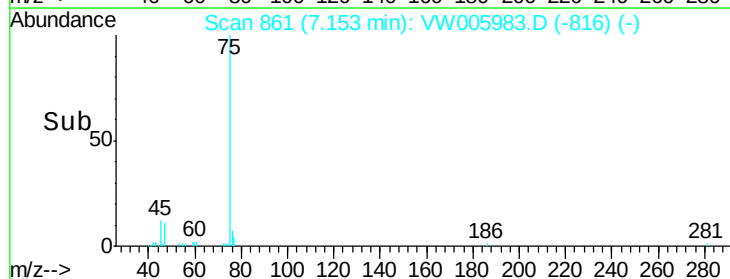
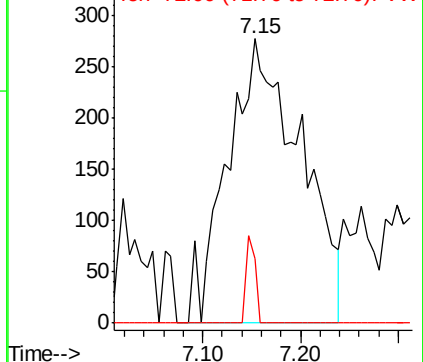
43 100

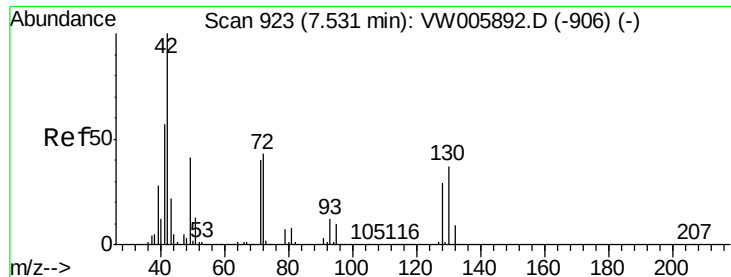
72 22.4 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

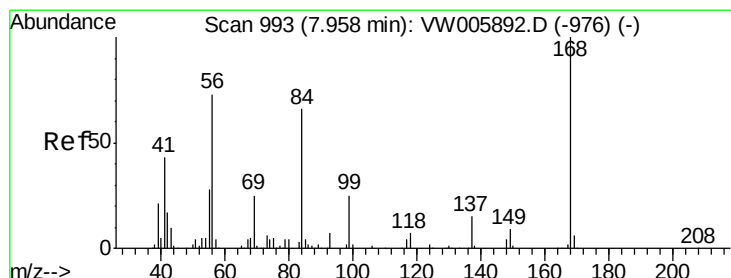
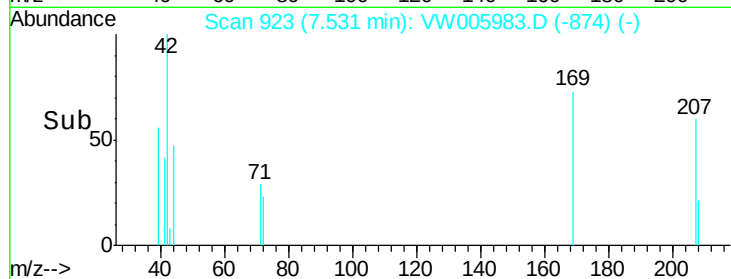
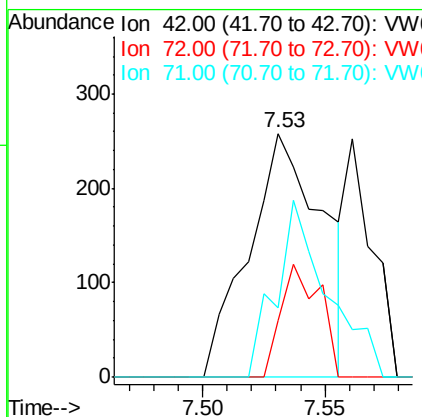
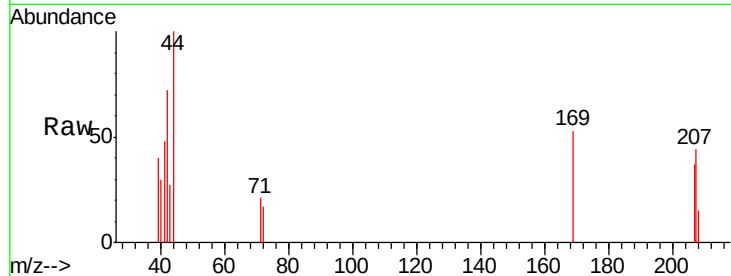




#29
Tetrahydrofuran
Concen: 1.29 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW005983.D
Acq: 10 Oct 2018 13:02

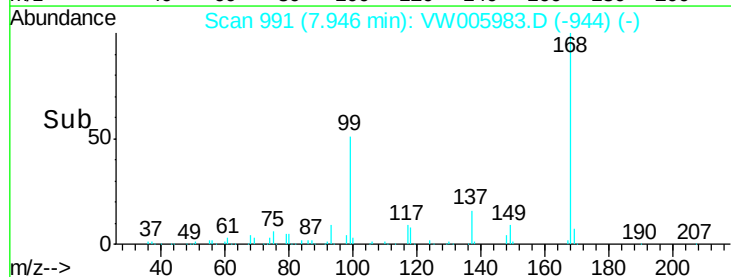
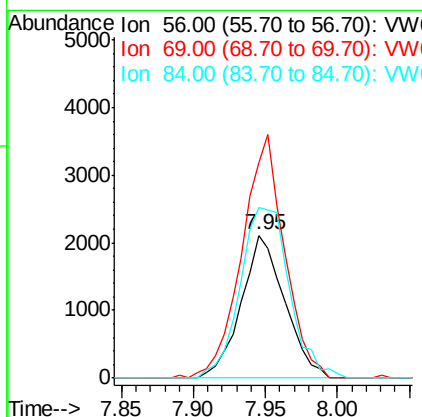
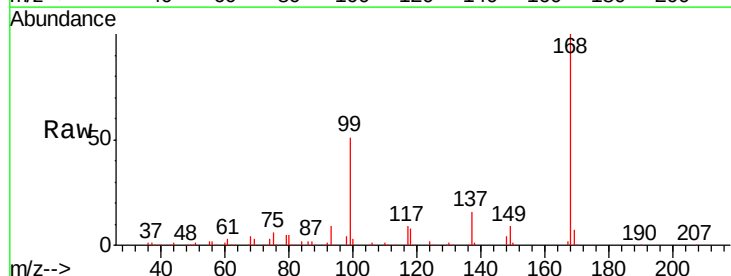
Instrument :
MSVOA_W
ClientSampleId :
SB-TW-1-(16.5-17)

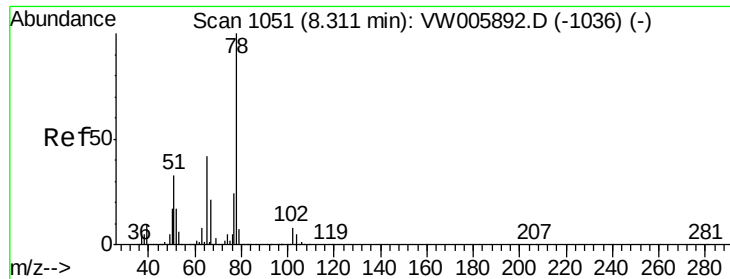
Tgt Ion: 42 Resp: 541
Ion Ratio Lower Upper
42 100
72 24.4 34.6 51.8#
71 50.8 32.6 49.0#



#31
Cyclohexane
Concen: 1.08 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW005983.D
Acq: 10 Oct 2018 13:02

Tgt Ion: 56 Resp: 4424
Ion Ratio Lower Upper
56 100
69 151.0 27.9 41.9#
84 119.5 72.3 108.5#

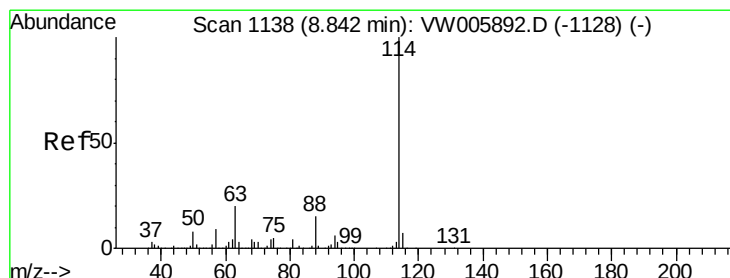
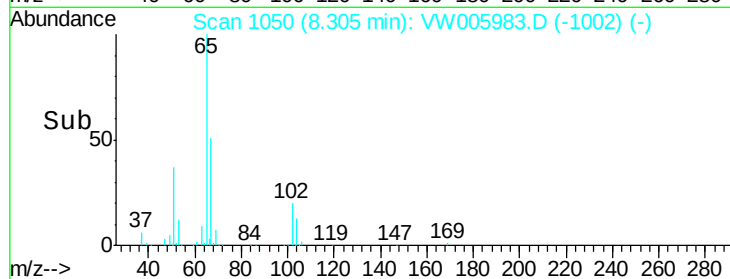
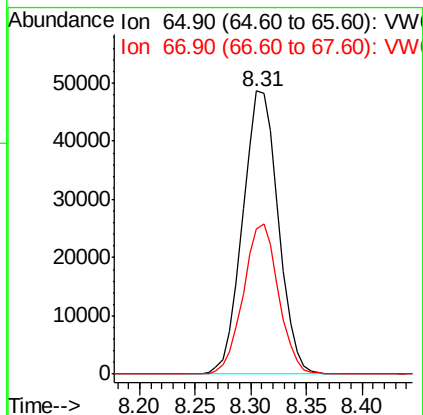
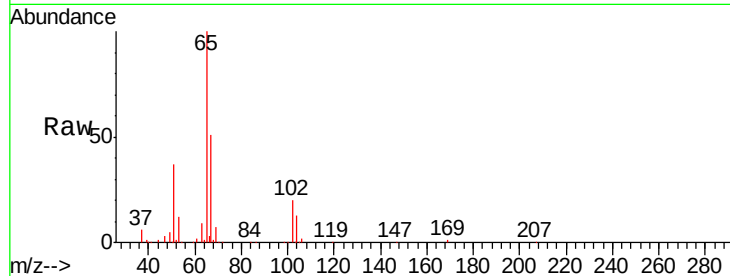




#33
 1,2-Dichloroethane-d4
 Concen: 46.38 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW005983.D
 Acq: 10 Oct 2018 13:02

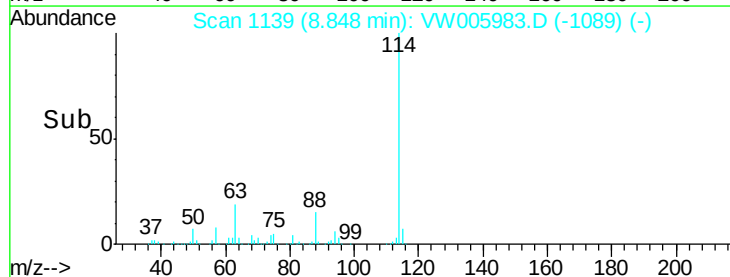
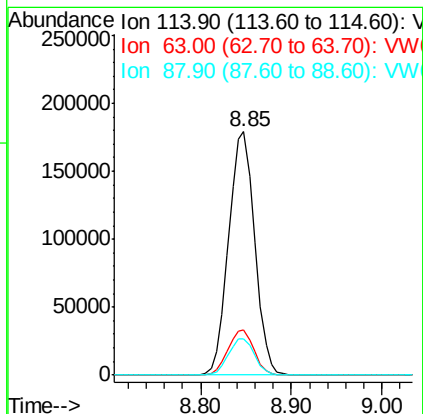
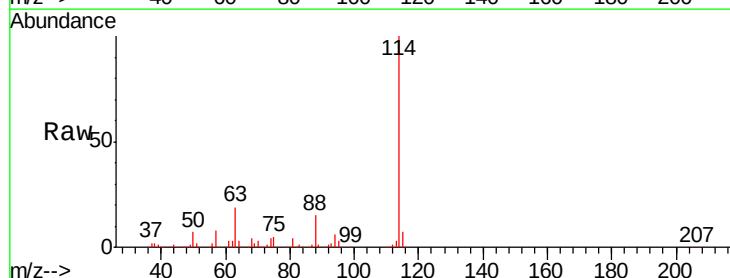
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-TW-1-(16.5-17)

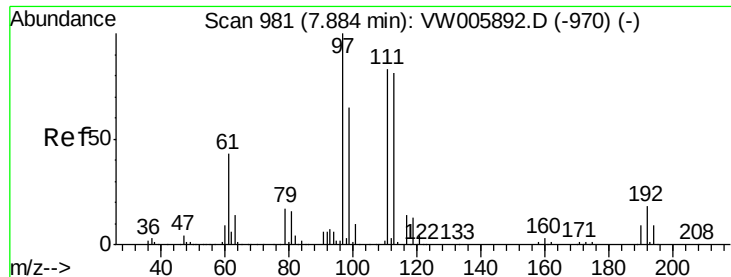
Tgt Ion: 65 Resp: 108209
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005983.D
 Acq: 10 Oct 2018 13:02

Tgt Ion: 114 Resp: 357025
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.2
 88 15.0 0.0 30.8

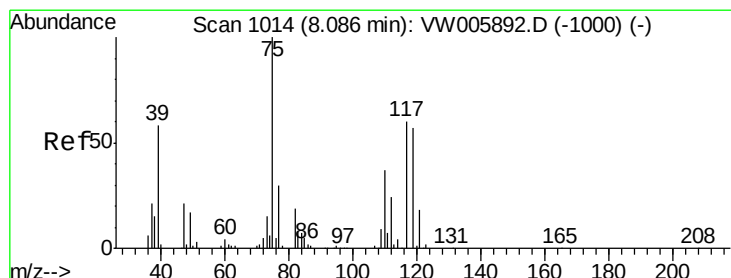
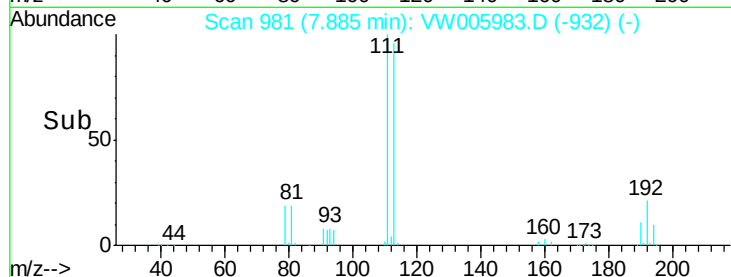
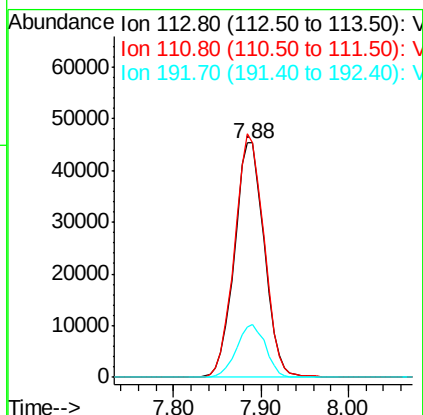
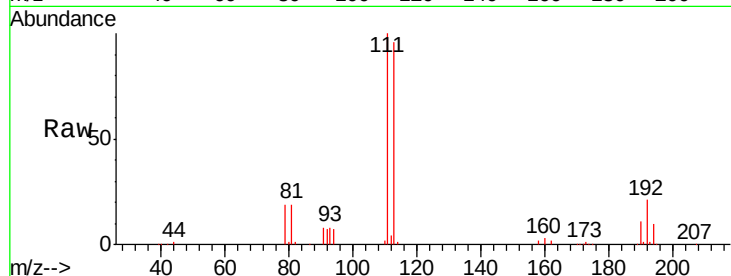




#35
 Dibromofluoromethane
 Concen: 47.24 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW005983.D
 Acq: 10 Oct 2018 13:02

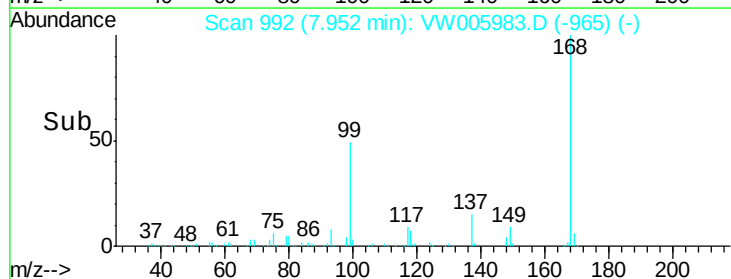
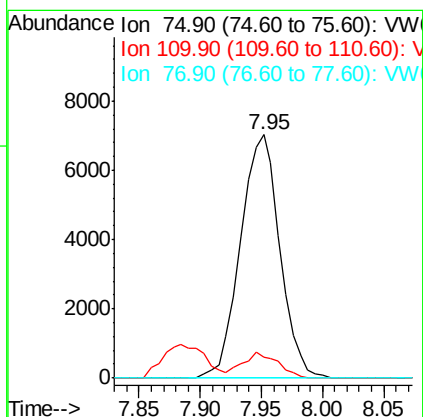
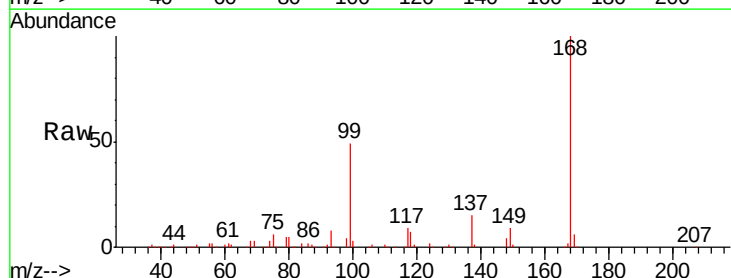
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-TW-1-(16.5-17)

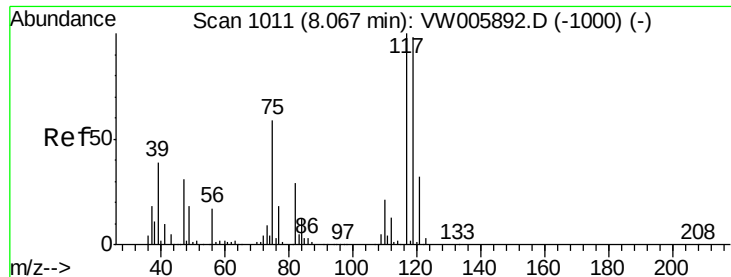
Tgt Ion:113 Resp: 107671
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.0 123.0
 192 22.0 18.3 27.5



#36
 1,1-Dichloropropene
 Concen: 4.58 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005983.D
 Acq: 10 Oct 2018 13:02

Tgt Ion: 75 Resp: 15680
 Ion Ratio Lower Upper
 75 100
 110 9.5 18.6 56.0#
 77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.98 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW005983.D

Acq: 10 Oct 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

SB-TW-1-(16.5-17)

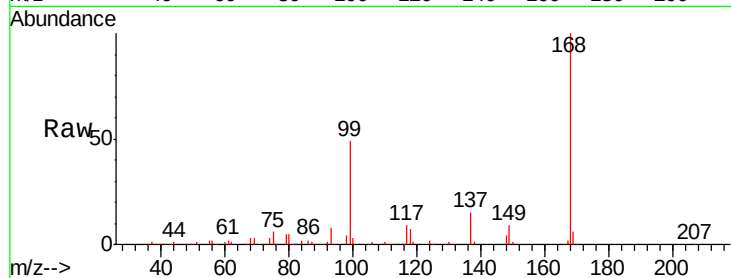
Tgt Ion:117 Resp: 21992

Ion Ratio Lower Upper

117 100

119 6.2 78.6 117.8#

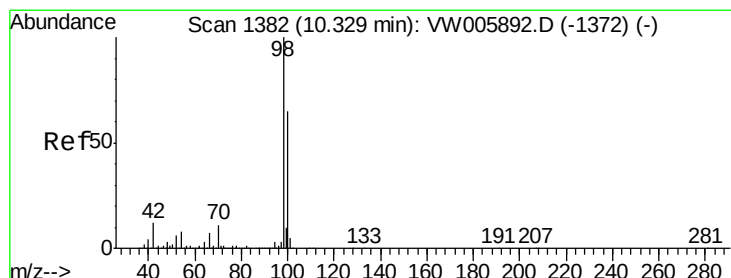
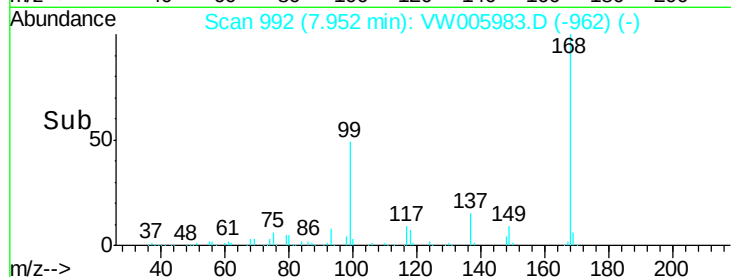
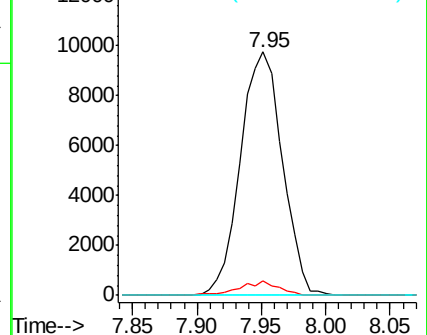
121 0.0 25.3 37.9#



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: 45.64 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005983.D

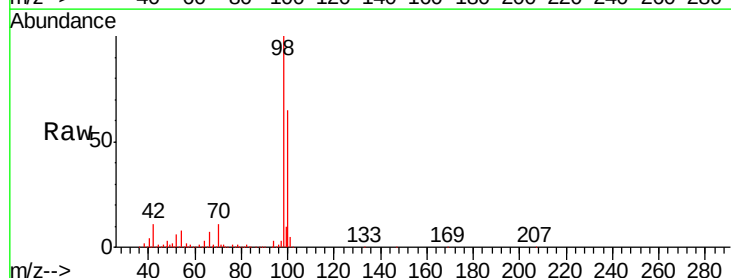
Acq: 10 Oct 2018 13:02

Tgt Ion: 98 Resp: 400268

Ion Ratio Lower Upper

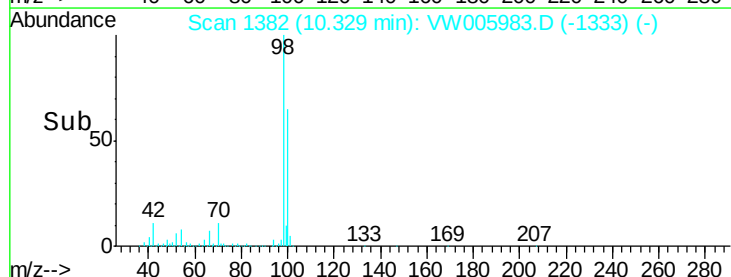
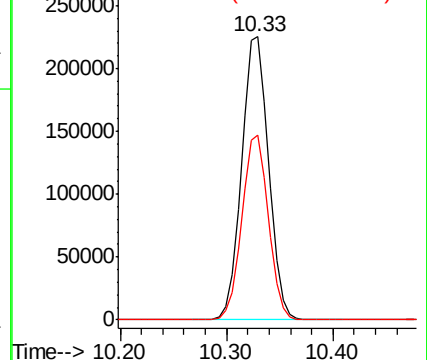
98 100

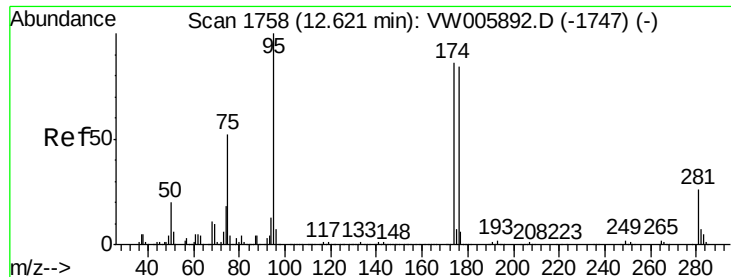
100 64.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 43.51 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW005983.D

Acq: 10 Oct 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

SB-TW-1-(16.5-17)

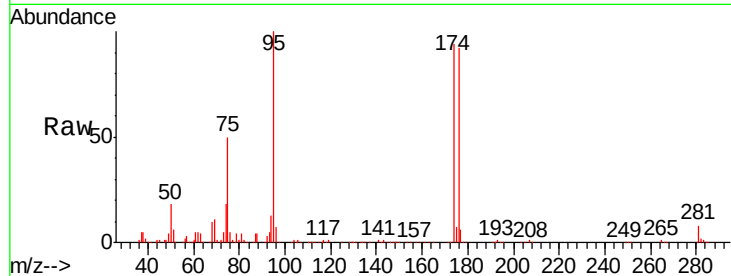
Tgt Ion: 95 Resp: 145163

Ion Ratio Lower Upper

95 100

174 95.1 0.0 176.4

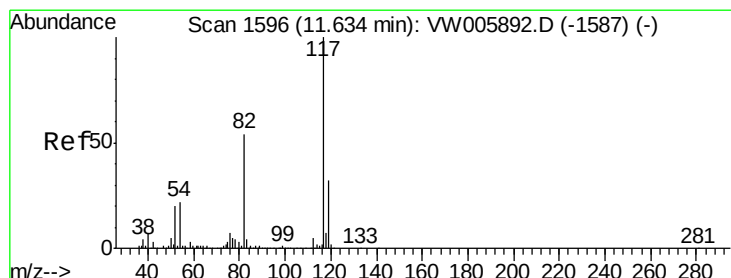
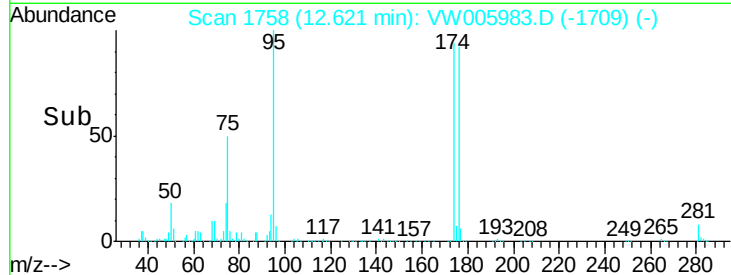
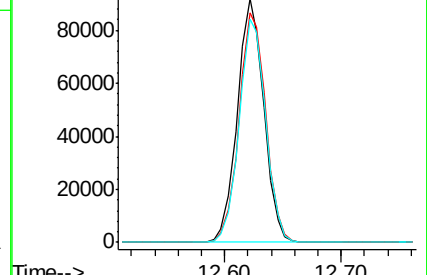
176 91.8 0.0 173.0



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: VW005983.D

Acq: 10 Oct 2018 13:02

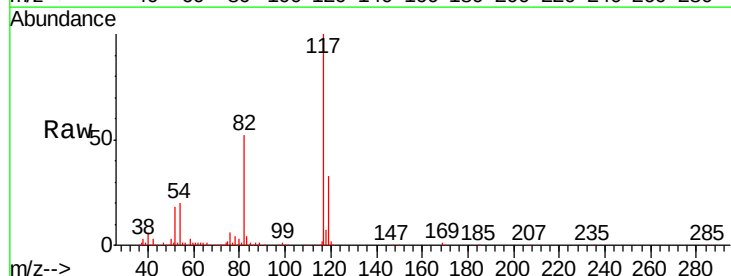
Tgt Ion: 117 Resp: 328665

Ion Ratio Lower Upper

117 100

82 52.1 43.5 65.3

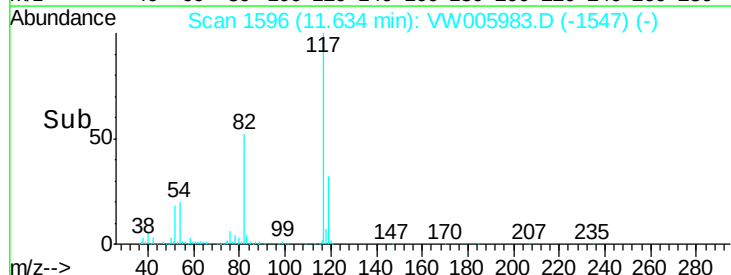
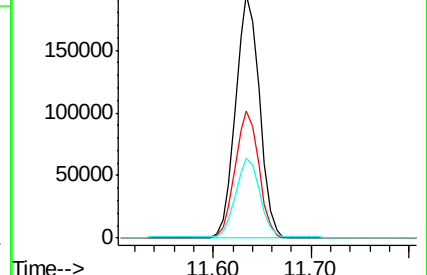
119 32.4 25.4 38.2

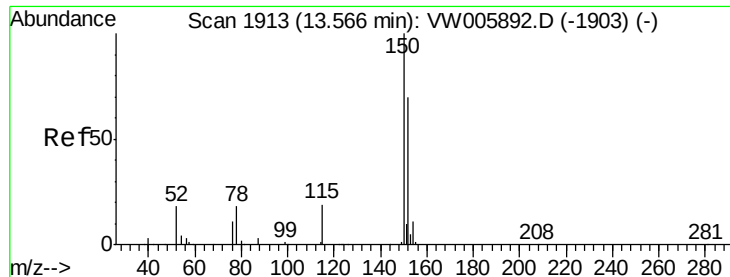


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW005983.D

Acq: 10 Oct 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

SB-TW-1-(16.5-17)

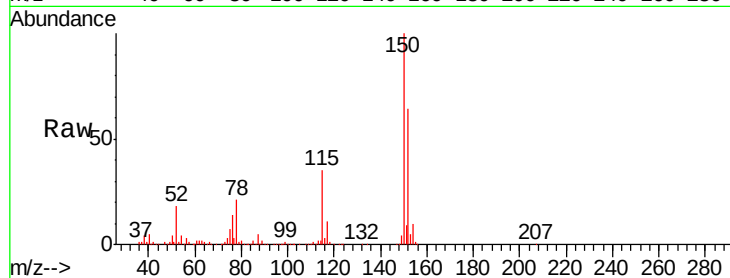
Tgt Ion: 152 Resp: 175675

Ion Ratio Lower Upper

152 100

115 55.8 28.3 85.0

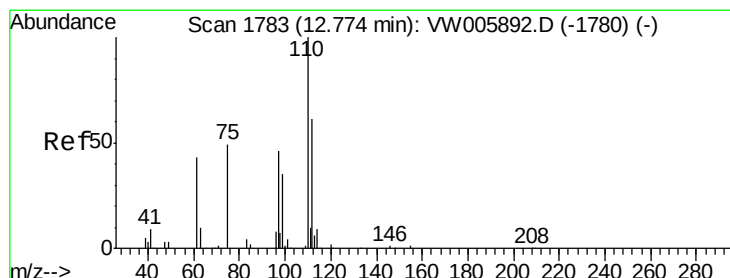
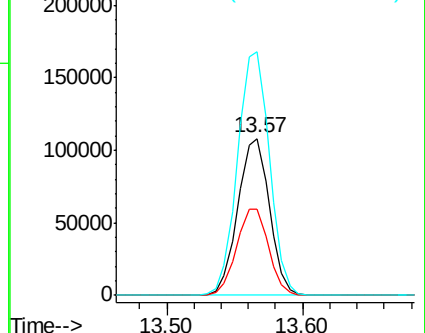
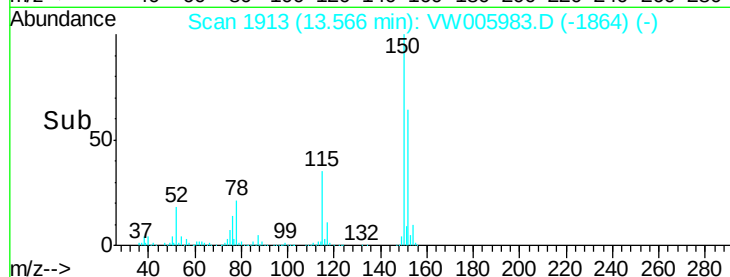
150 156.9 0.0 349.2



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: 47.03 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005983.D

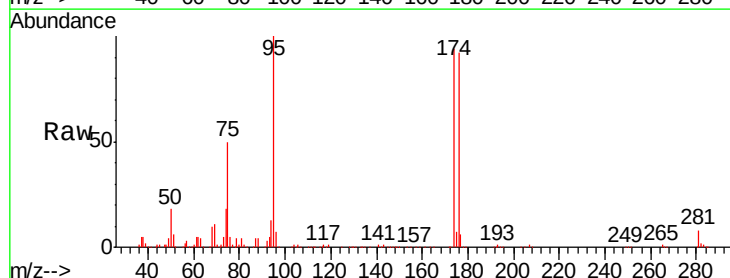
Acq: 10 Oct 2018 13:02

Tgt Ion: 75 Resp: 73802

Ion Ratio Lower Upper

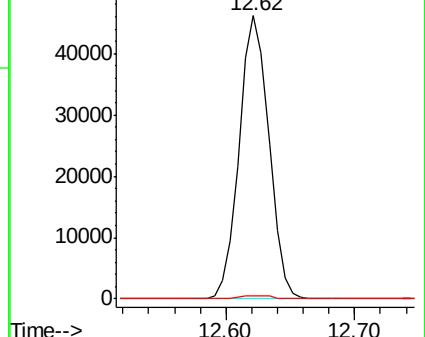
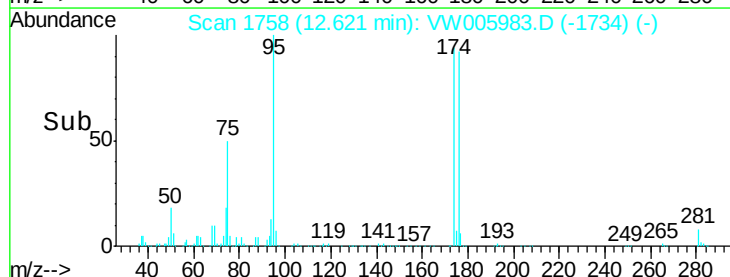
75 100

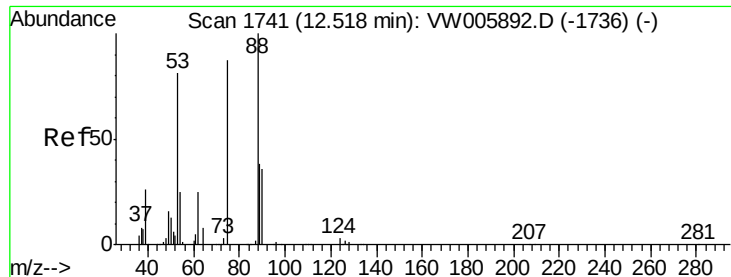
77 1.3 0.0 0.0#



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: 99.29 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005983.D

Acq: 10 Oct 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

SB-TW-1-(16.5-17)

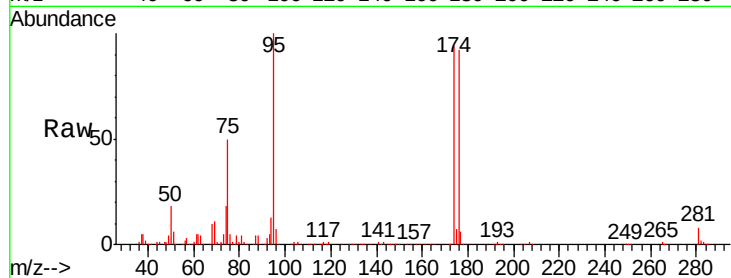
Tgt Ion: 75 Resp: 73802

Ion Ratio Lower Upper

75 100

53 0.0 76.5 114.7#

89 0.0 37.6 56.4#



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

