

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061019\
 Data File : VW010746.D
 Acq On : 10 Jun 2019 15:41
 Operator : SY/VA
 Sample : K3273-06
 Misc : 4.83G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4 9.5-10.0 060719

Quant Time: Jun 11 05:26:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	211435	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	366844	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	322753	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	144149	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	149056	59.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.62%	
35) Dibromofluoromethane	7.88	113	110695	55.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.18%	
50) Toluene-d8	10.32	98	481424	55.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.28%	
62) 4-Bromofluorobenzene	12.62	95	170479	53.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.32%	

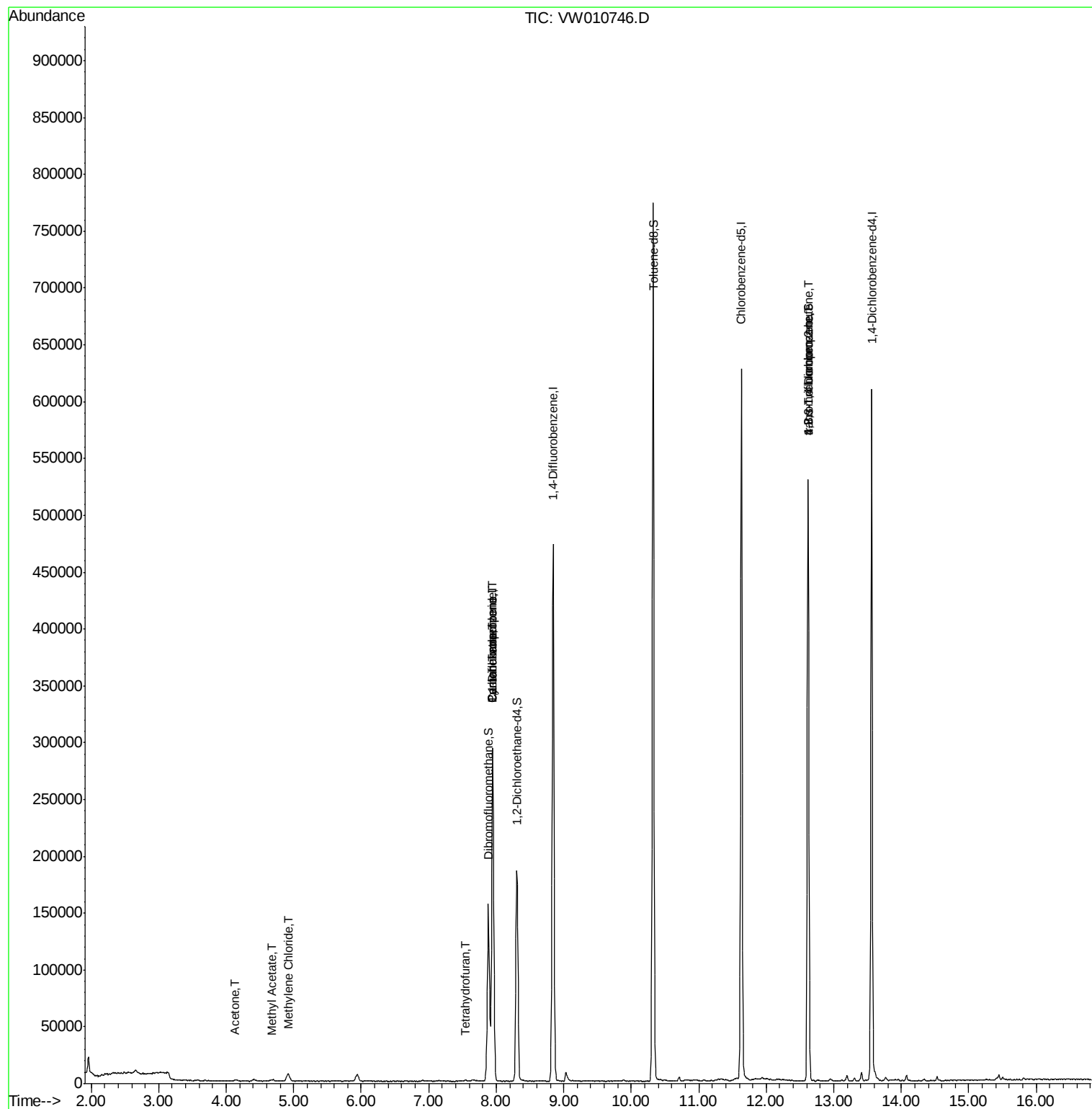
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	2883	4.317	ug/l	91
18) Methyl Acetate	4.67	43	2943	2.047	ug/l	97
20) Methylene Chloride	4.91	84	4661	1.990	ug/l	94
29) Tetrahydrofuran	7.54	42	1281	2.199	ug/l #	75
31) Cyclohexane	7.95	56	5746	1.143	ug/l #	11
36) 1,1-Dichloropropene	7.95	75	18305	4.875	ug/l #	51
38) Carbon Tetrachloride	7.95	117	21535	6.643	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	92878	61.356	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	92878	141.016	ug/l #	5

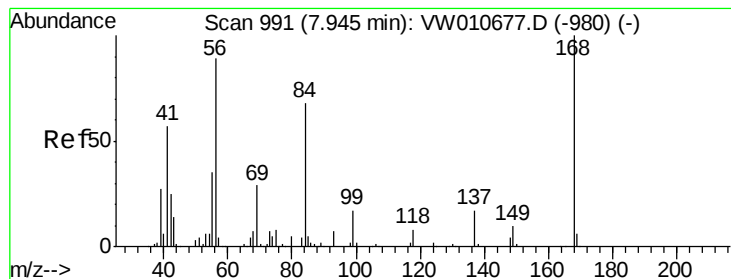
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW061019\
Data File : VW010746.D
Acq On : 10 Jun 2019 15:41
Operator : SY/VA
Sample : K3273-06
Misc : 4.83G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-4_9.5-10.0_060719

Quant Time: Jun 11 05:26:31 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW010746.D

Acq: 10 Jun 2019 15:41

Instrument :

MSVOA_W

ClientSampleId :

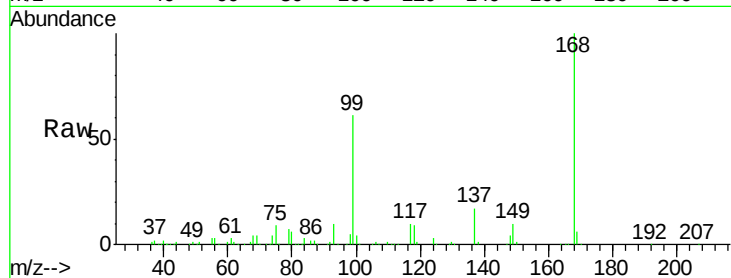
SB-4 9.5-10.0 060719

Tgt Ion:168 Resp: 211435

Ion Ratio Lower Upper

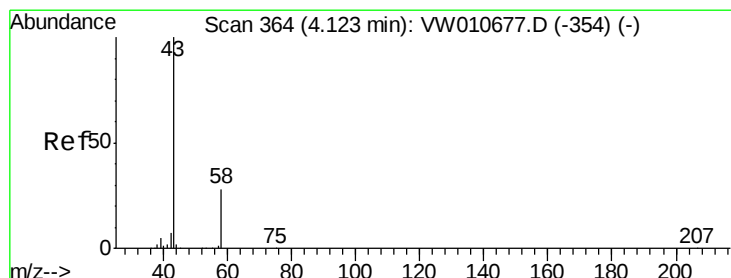
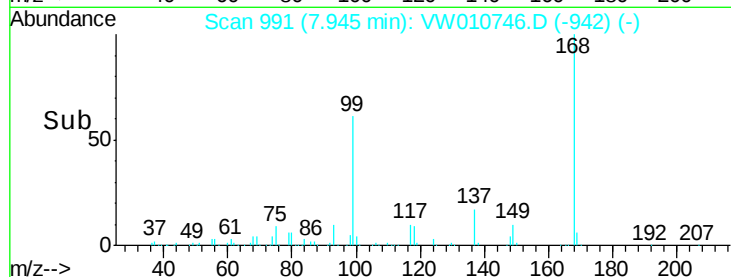
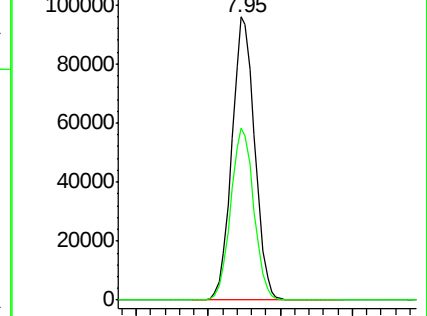
168 100

99 61.0 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 4.317 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW010746.D

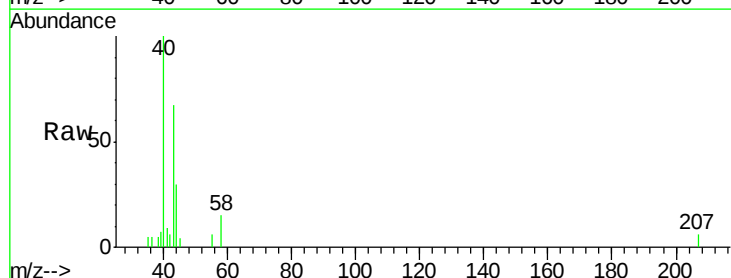
Acq: 10 Jun 2019 15:41

Tgt Ion: 43 Resp: 2883

Ion Ratio Lower Upper

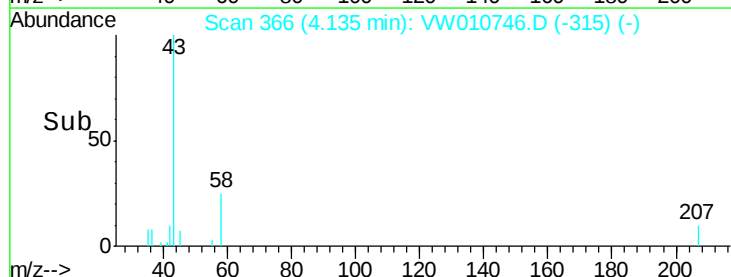
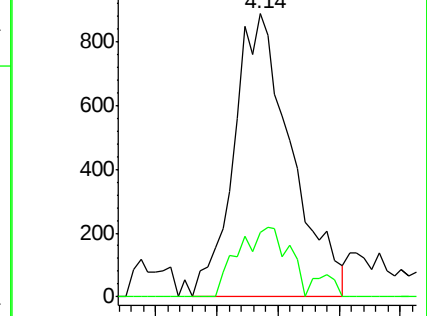
43 100

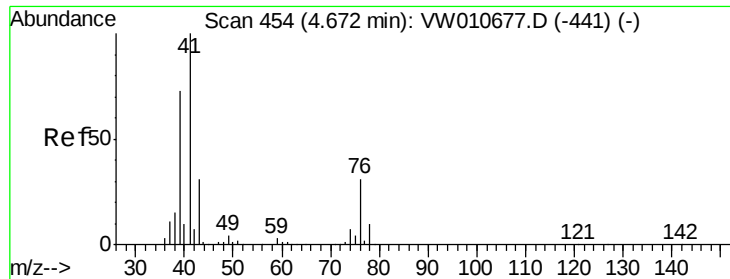
58 22.7 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

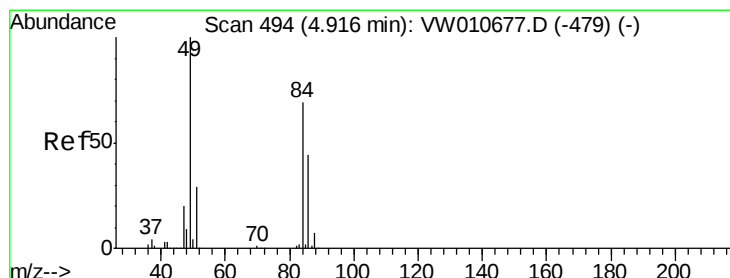
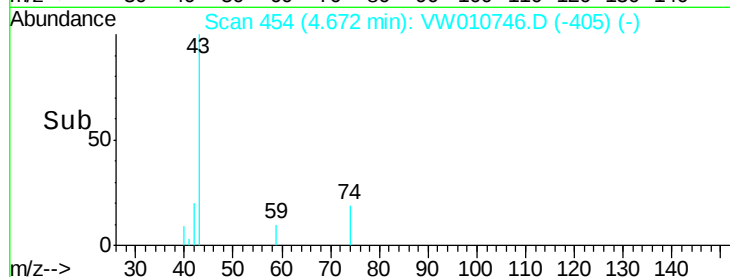
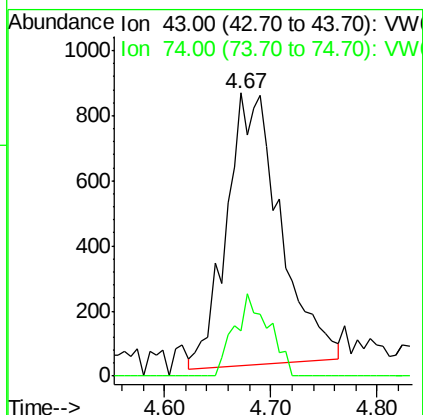
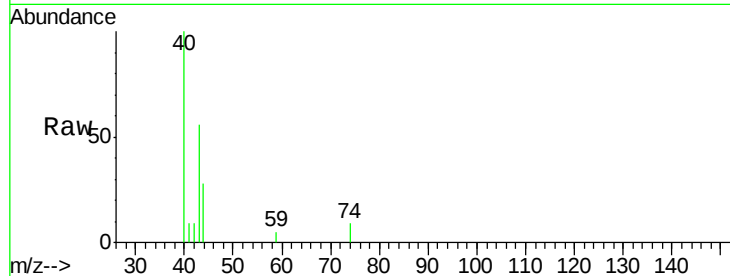




#18
Methyl Acetate
Concen: 2.047 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW010746.D
Acq: 10 Jun 2019 15:41

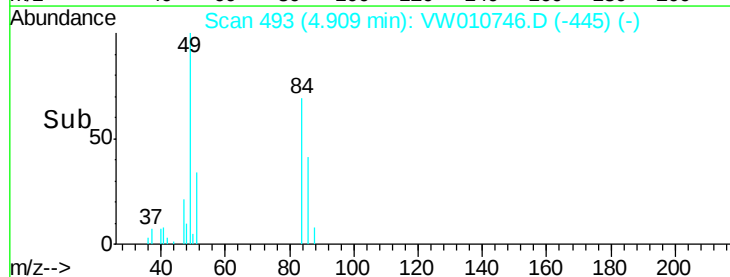
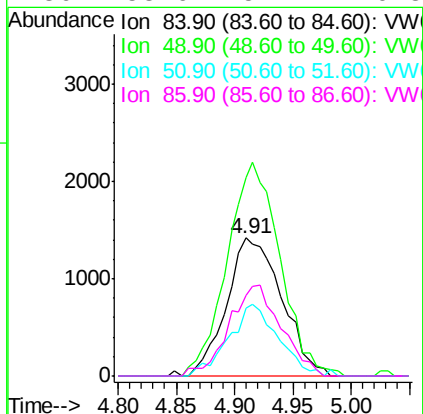
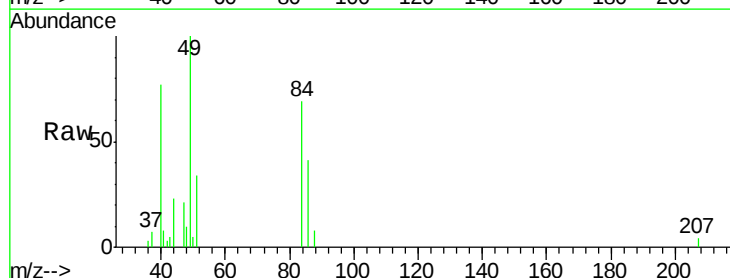
Instrument :
MSVOA_W
ClientSampleId :
SB-4 9.5-10.0 060719

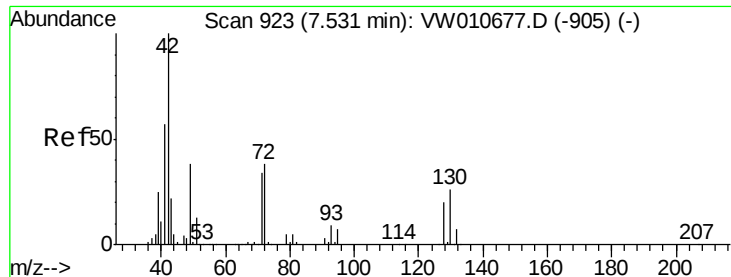
Tgt Ion: 43 Resp: 2943
Ion Ratio Lower Upper
43 100
74 19.6 16.7 25.1



#20
Methylene Chloride
Concen: 1.990 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW010746.D
Acq: 10 Jun 2019 15:41

Tgt Ion: 84 Resp: 4661
Ion Ratio Lower Upper
84 100
49 140.3 116.7 175.1
51 49.6 34.2 51.2
86 58.6 51.2 76.8

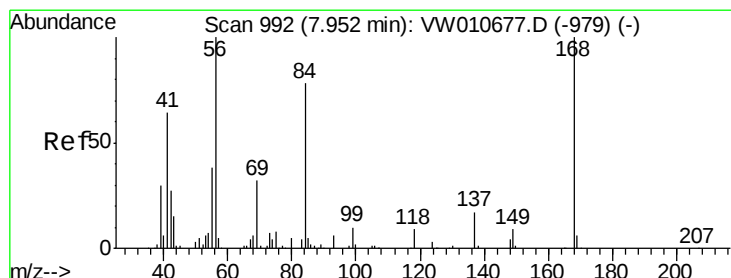
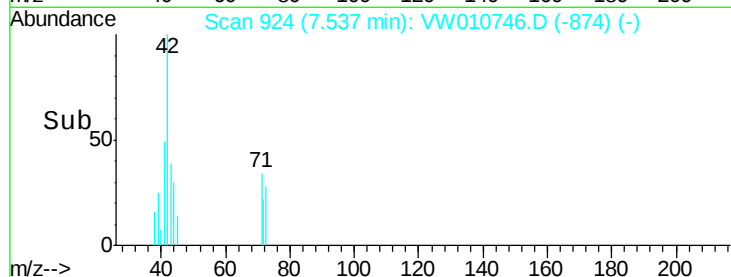
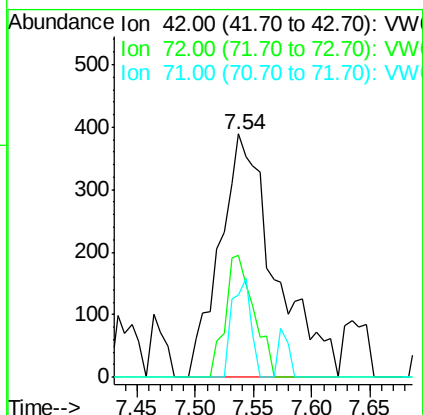
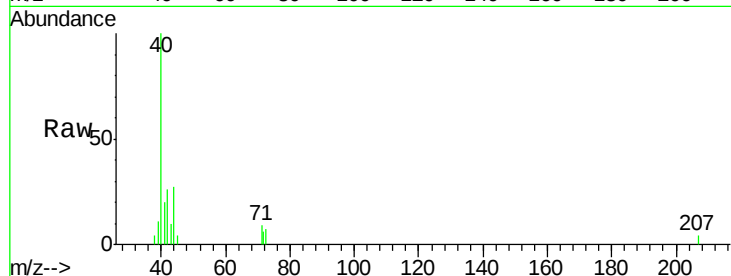




#29
Tetrahydrofuran
Concen: 2.199 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW010746.D
Acq: 10 Jun 2019 15:41

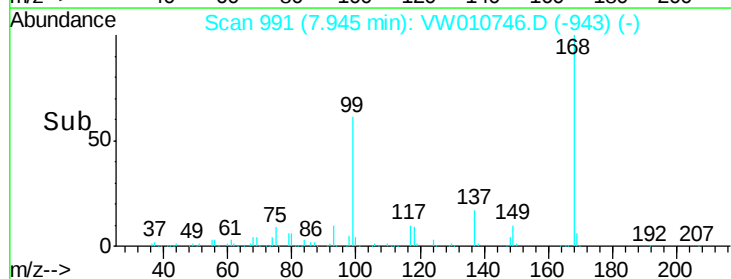
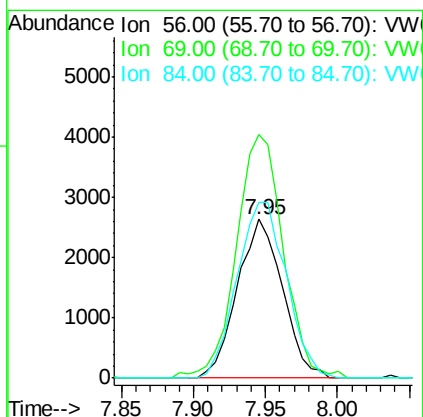
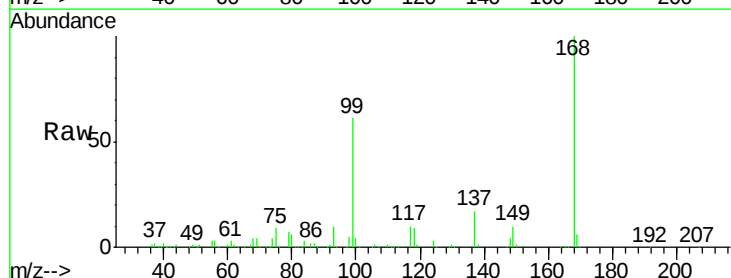
Instrument :
MSVOA_W
ClientSampleId :
SB-4 9.5-10.0 060719

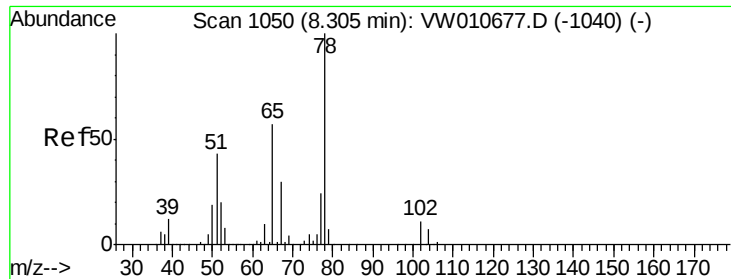
Tgt Ion: 42 Resp: 1281
Ion Ratio Lower Upper
42 100
72 25.8 28.7 43.1#
71 13.9 26.6 39.8#



#31
Cyclohexane
Concen: 1.143 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW010746.D
Acq: 10 Jun 2019 15:41

Tgt Ion: 56 Resp: 5746
Ion Ratio Lower Upper
56 100
69 150.9 25.2 37.8#
84 110.6 62.2 93.2#

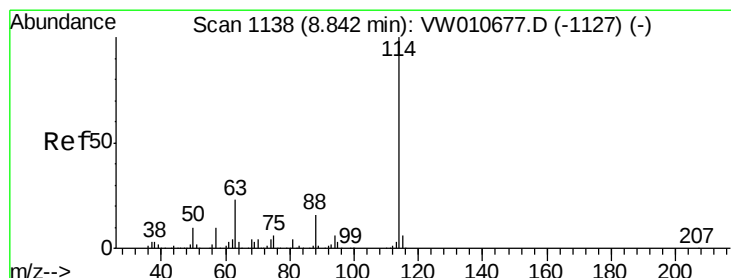
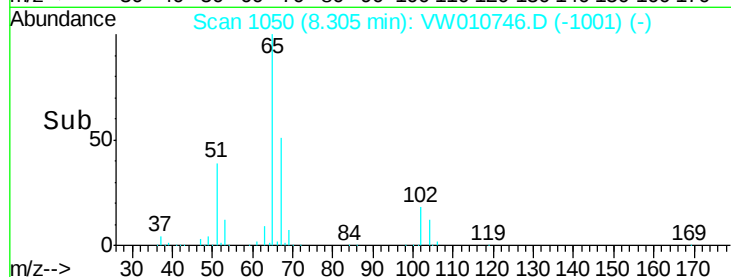
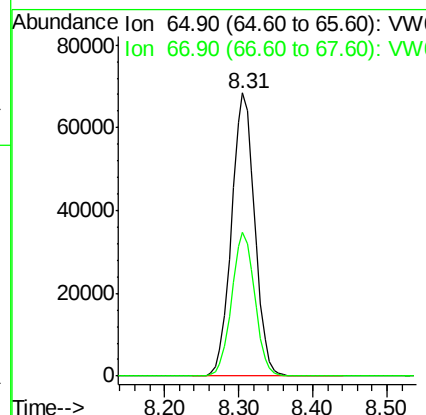
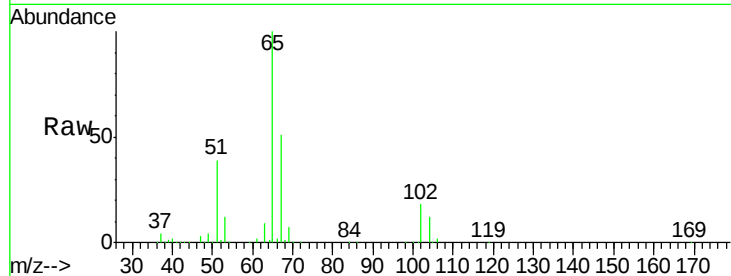




#33
 1,2-Dichloroethane-d4
 Concen: 59.811 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW010746.D
 Acq: 10 Jun 2019 15:41

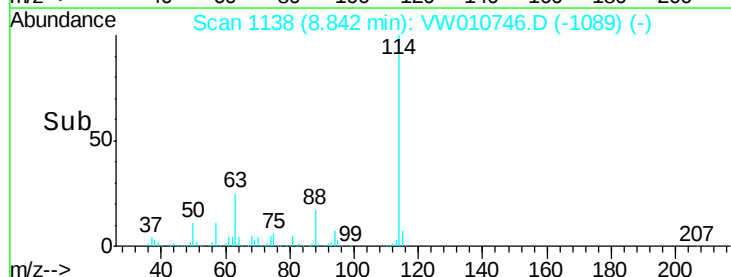
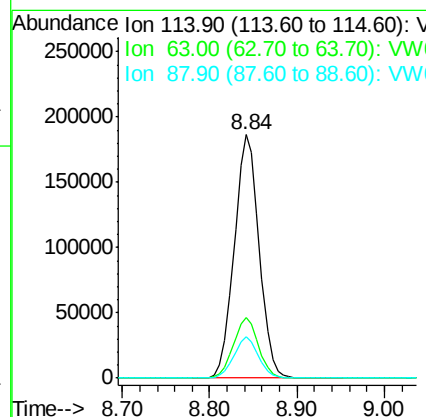
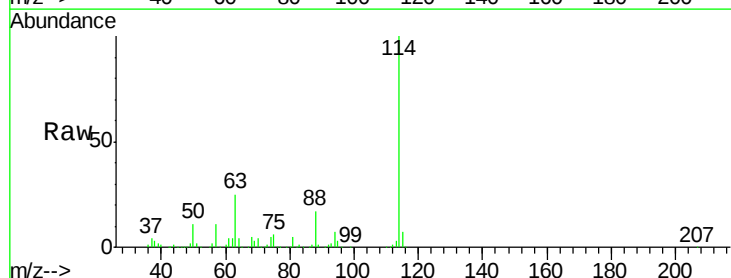
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4_9.5-10.0_060719

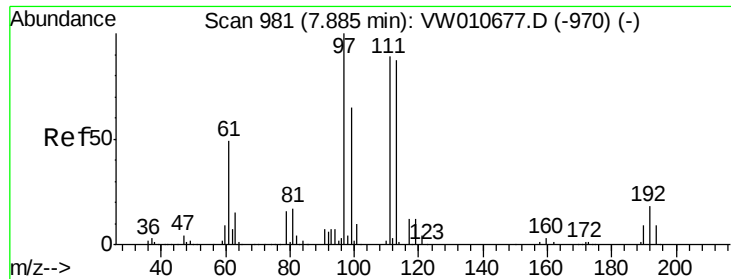
Tgt Ion: 65 Resp: 149056
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010746.D
 Acq: 10 Jun 2019 15:41

Tgt Ion: 114 Resp: 366844
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 46.4
 88 16.9 0.0 32.2





#35

Dibromofluoromethane

Concen: 55.593 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW010746.D

Acq: 10 Jun 2019 15:41

Instrument :

MSVOA_W

ClientSampleId :

SB-4 9.5-10.0 060719

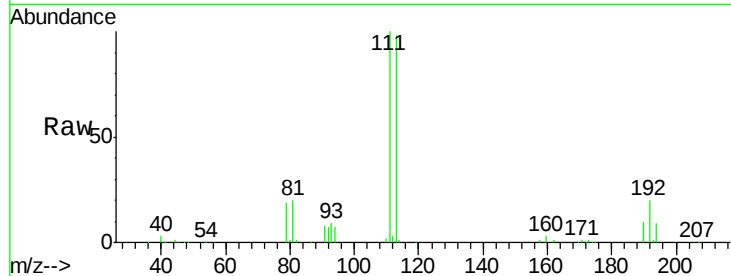
Tgt Ion:113 Resp: 110695

Ion Ratio Lower Upper

113 100

111 102.4 82.6 123.8

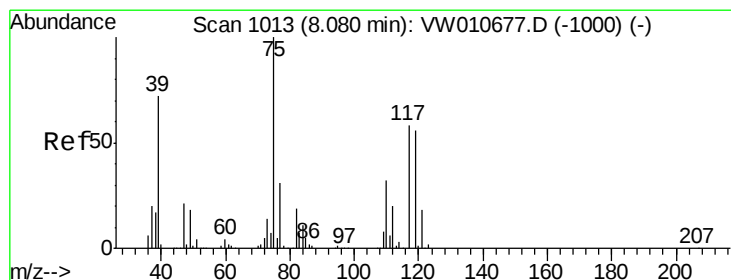
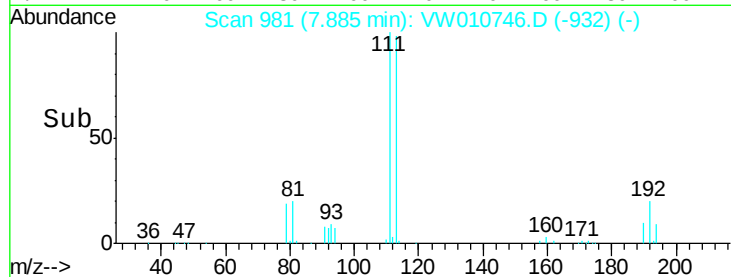
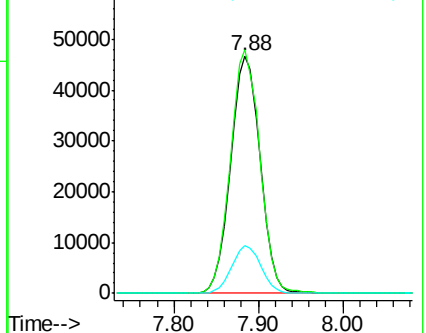
192 19.9 16.4 24.6



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: 4.875 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW010746.D

Acq: 10 Jun 2019 15:41

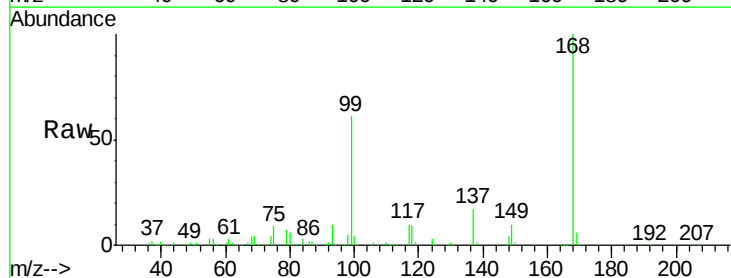
Tgt Ion: 75 Resp: 18305

Ion Ratio Lower Upper

75 100

110 8.4 15.8 47.3#

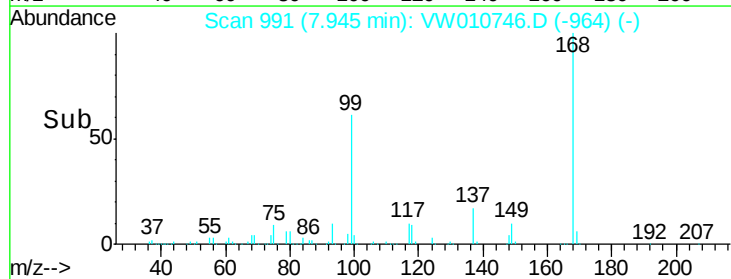
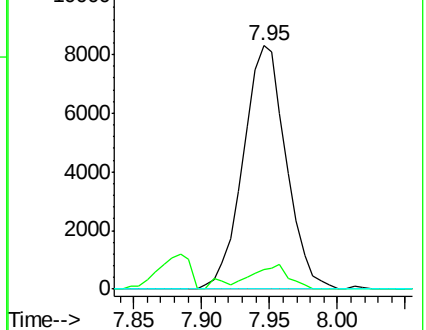
77 0.0 24.7 37.1#

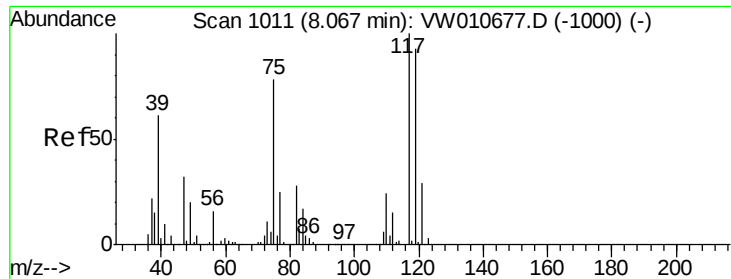


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

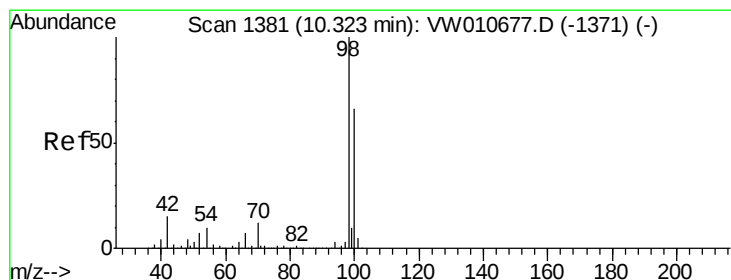
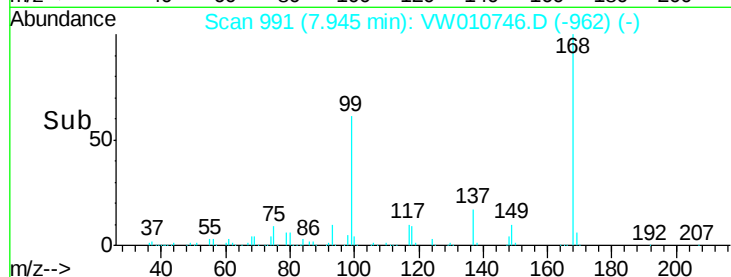
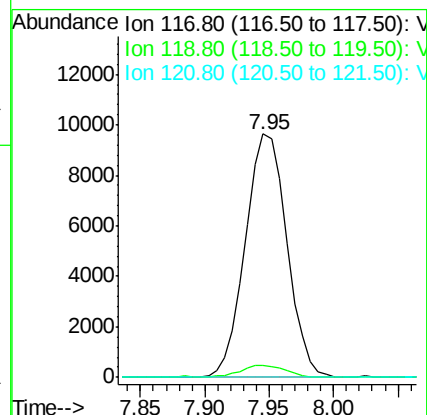
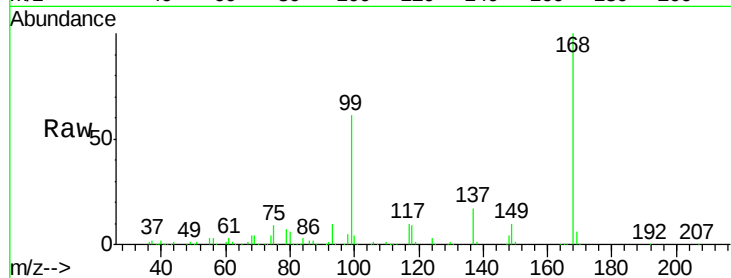




#38
Carbon Tetrachloride
Concen: 6.643 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW010746.D
Acq: 10 Jun 2019 15:41

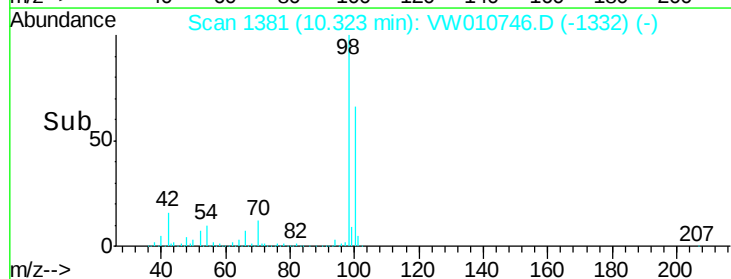
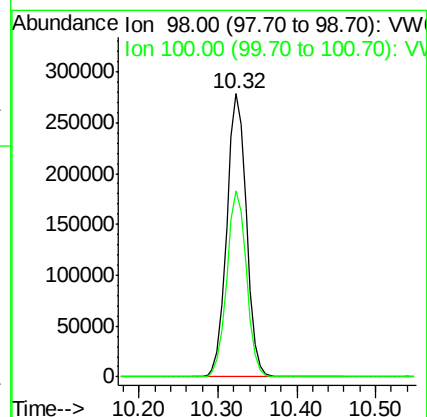
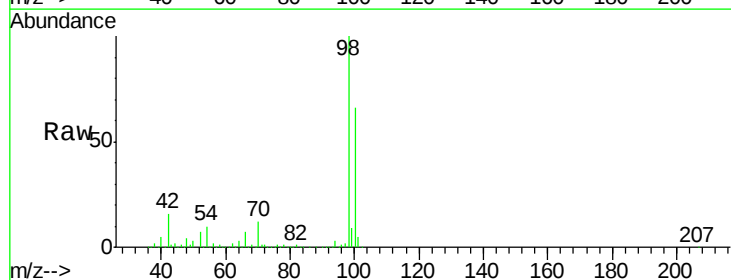
Instrument :
MSVOA_W
ClientSampleId :
SB-4 9.5-10.0 060719

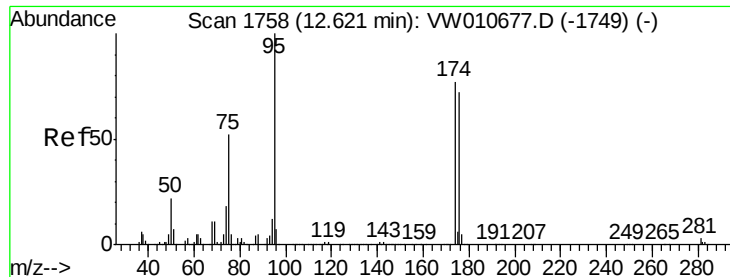
Tgt Ion:117 Resp: 21535
Ion Ratio Lower Upper
117 100
119 5.1 74.2 111.4#
121 0.0 22.9 34.3#



#50
Toluene-d8
Concen: 55.137 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW010746.D
Acq: 10 Jun 2019 15:41

Tgt Ion: 98 Resp: 481424
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.6





#62

4-Bromofluorobenzene

Concen: 53.656 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010746.D

Acq: 10 Jun 2019 15:41

Instrument :

MSVOA_W

ClientSampleId :

SB-4 9.5-10.0 060719

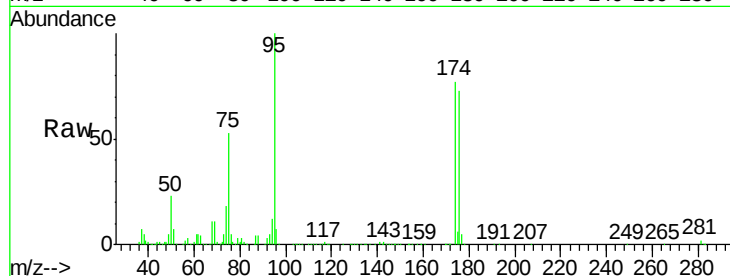
Tgt Ion: 95 Resp: 170479

Ion Ratio Lower Upper

95 100

174 73.7 0.0 150.4

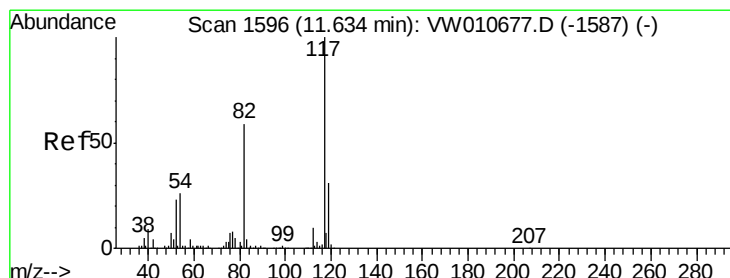
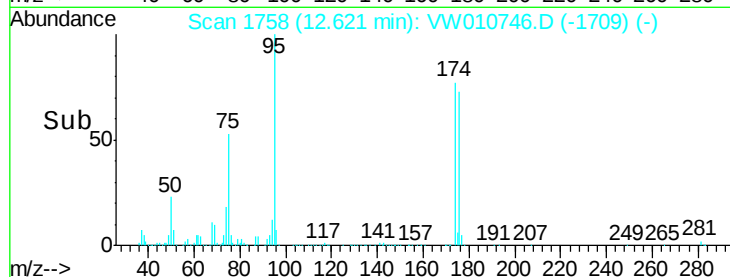
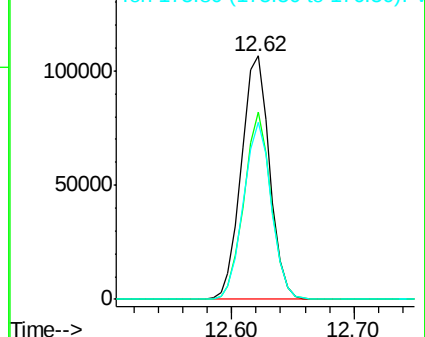
176 71.7 0.0 144.8



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: VW010746.D

Acq: 10 Jun 2019 15:41

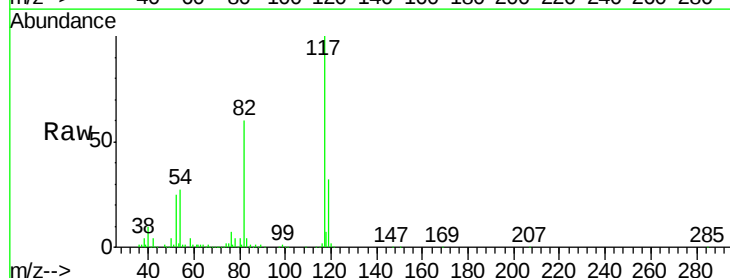
Tgt Ion: 117 Resp: 322753

Ion Ratio Lower Upper

117 100

82 60.1 47.0 70.4

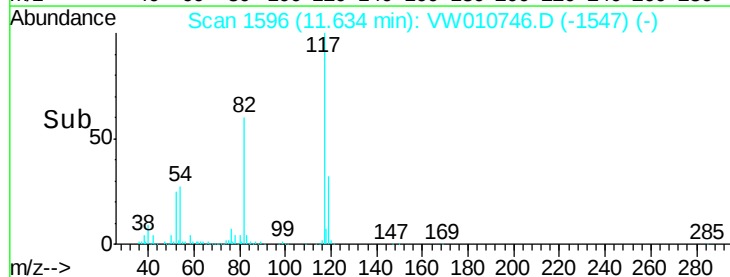
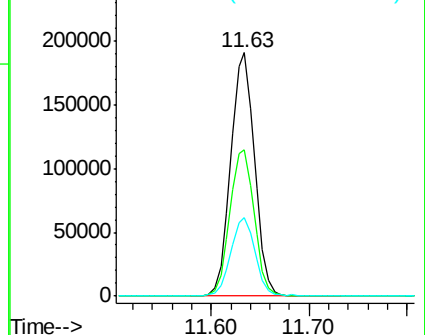
119 32.0 25.1 37.7

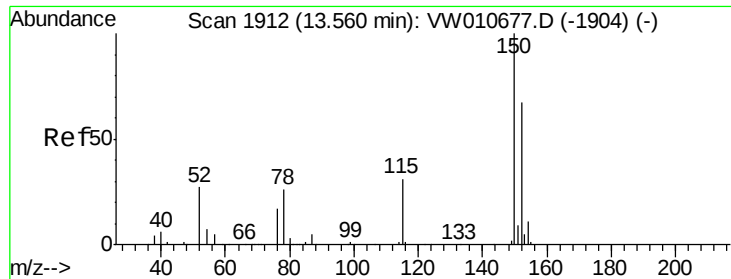


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW010746.D

Acq: 10 Jun 2019 15:41

Instrument :

MSVOA_W

ClientSampleId :

SB-4 9.5-10.0 060719

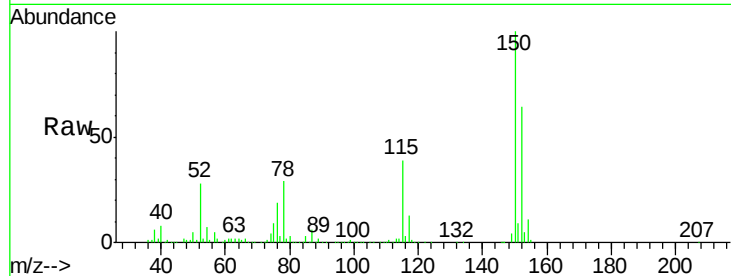
Tgt Ion:152 Resp: 144149

Ion Ratio Lower Upper

152 100

115 61.2 29.8 89.3

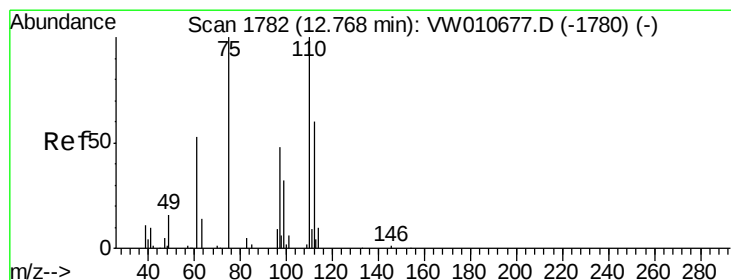
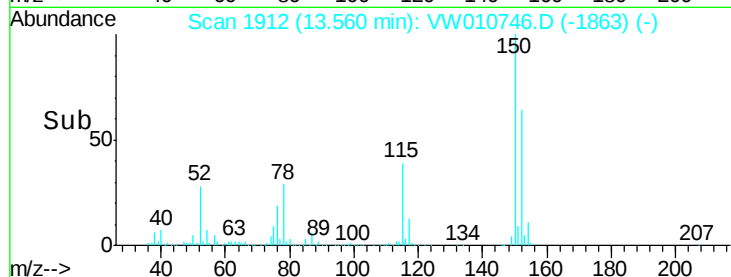
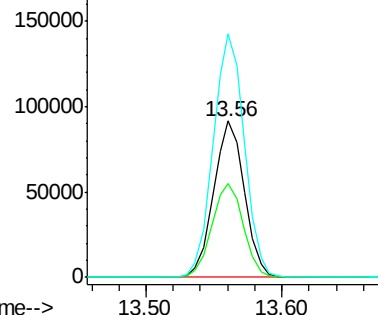
150 157.9 0.0 345.0



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: 61.356 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010746.D

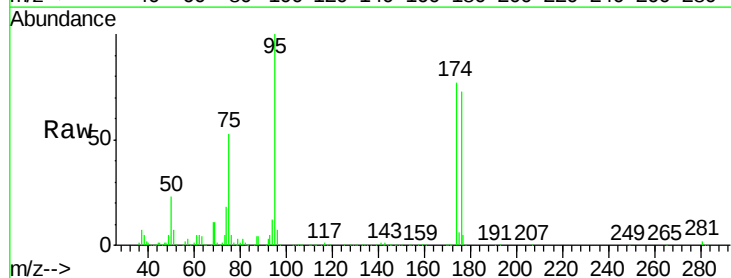
Acq: 10 Jun 2019 15:41

Tgt Ion: 75 Resp: 92878

Ion Ratio Lower Upper

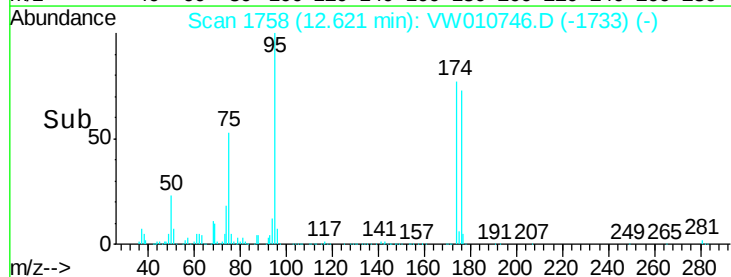
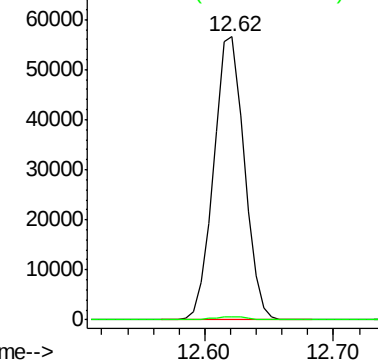
75 100

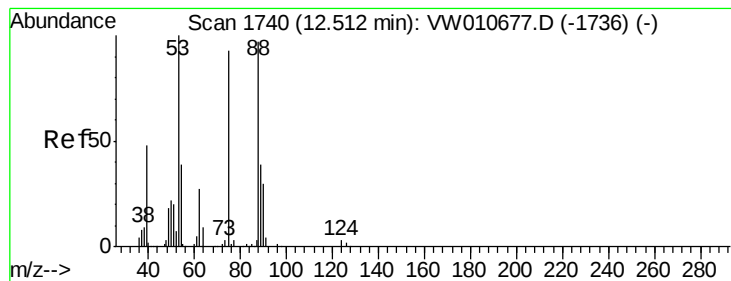
77 1.2 0.0 0.0#



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: 141.016 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010746.D

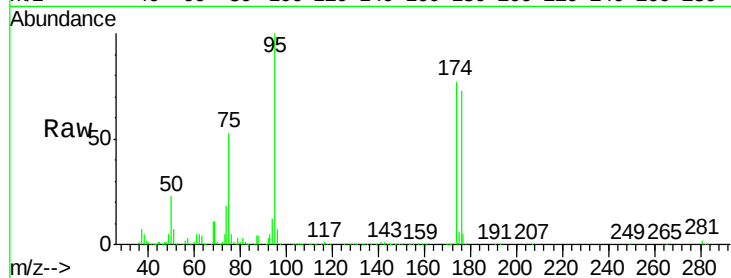
Acq: 10 Jun 2019 15:41

Instrument :

MSVOA_W

ClientSampleId :

SB-4_9.5-10.0_060719



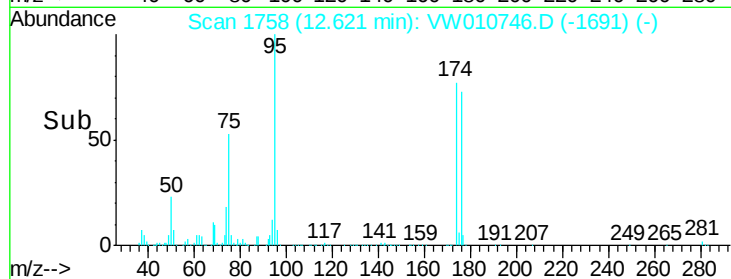
Tgt Ion: 75 Resp: 92878

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

89 0.0 34.6 52.0#



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

