

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061019\
 Data File : VW010747.D
 Acq On : 10 Jun 2019 16:08
 Operator : SY/VA
 Sample : K3273-07
 Misc : 5.01G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-5 1.0-1.5 060719

Quant Time: Jun 11 05:26:43 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

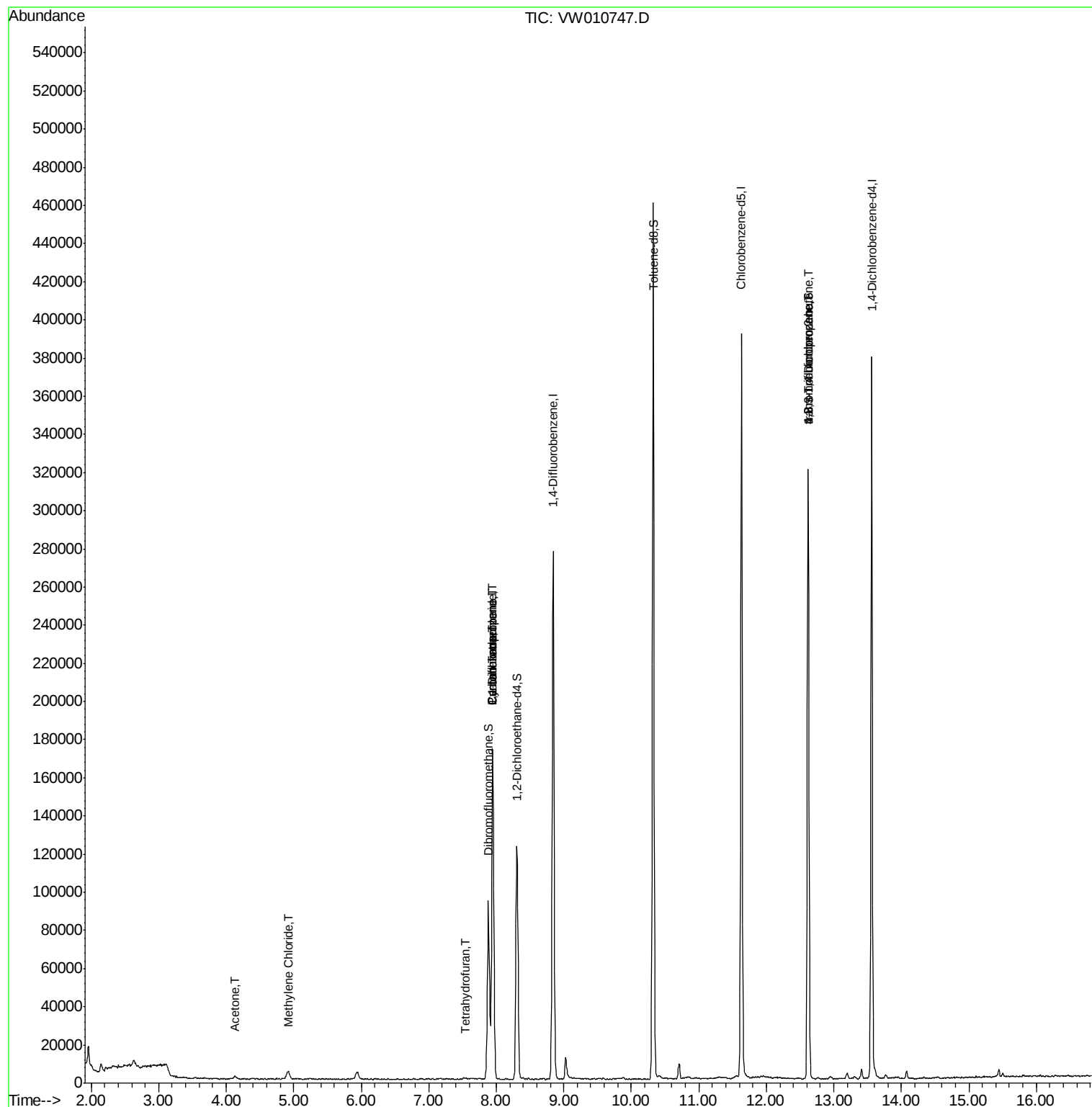
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	123846	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	215334	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	193841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	87669	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	96858	66.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	132.70%	
35) Dibromofluoromethane	7.88	113	65304	55.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.74%	
50) Toluene-d8	10.32	98	280972	54.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.64%	
62) 4-Bromofluorobenzene	12.62	95	103736	55.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.24%	
Target Compounds						
					Qvalue	
16) Acetone	4.13	43	2761	7.059	ug/l #	87
20) Methylene Chloride	4.92	84	2843	2.072	ug/l	98
29) Tetrahydrofuran	7.55	42	631	1.850	ug/l #	71
31) Cyclohexane	7.95	56	3215	1.092	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	10966	4.975	ug/l #	52
38) Carbon Tetrachloride	7.95	117	12716	6.683	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	57108	62.030	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	57108	142.566	ug/l #	5

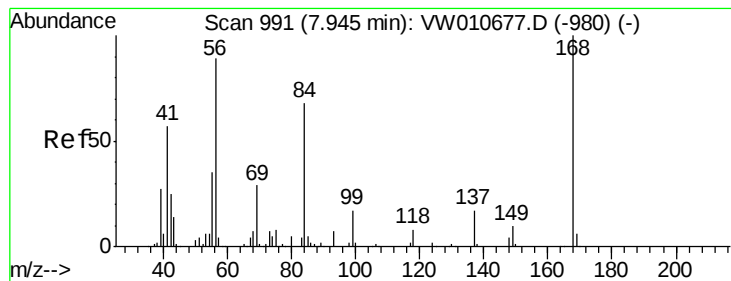
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW061019\
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SB-5_1.0-1.5_060719

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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# 992

Delta R.T. 0.01 min

Lab File: VW010747.D

Acq: 10 Jun 2019 16:08

Instrument :

MSVOA_W

ClientSampleId :

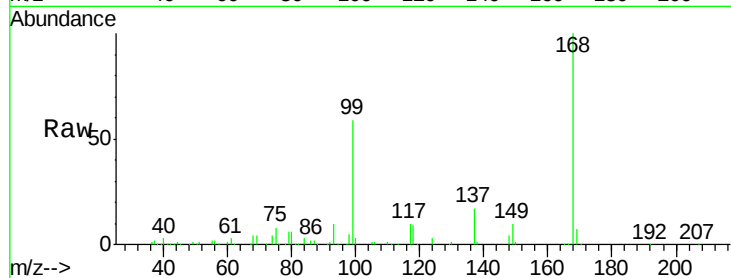
SB-5_1.0-1.5_060719

Tgt Ion:168 Resp: 123846

Ion Ratio Lower Upper

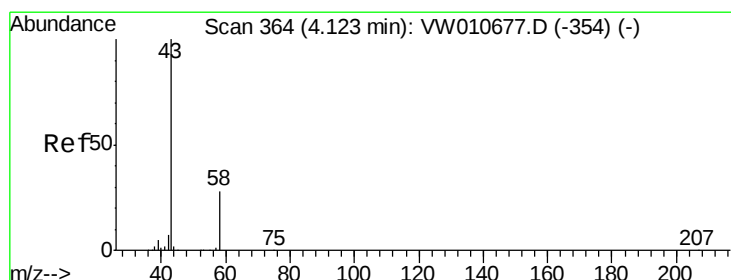
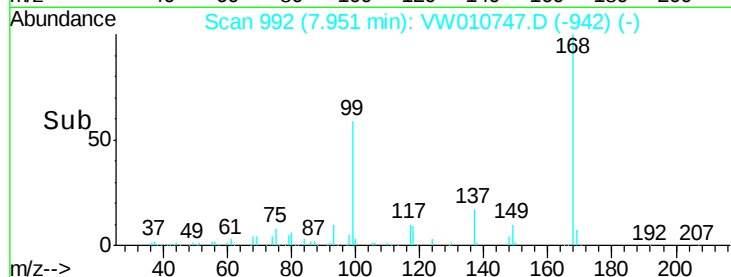
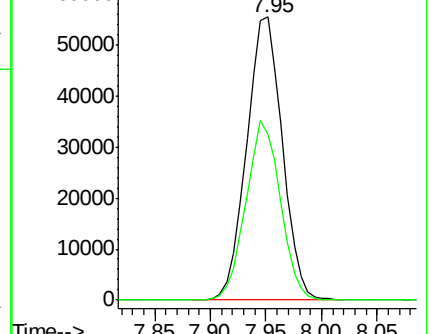
168 100

99 58.7 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: 7.059 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010747.D

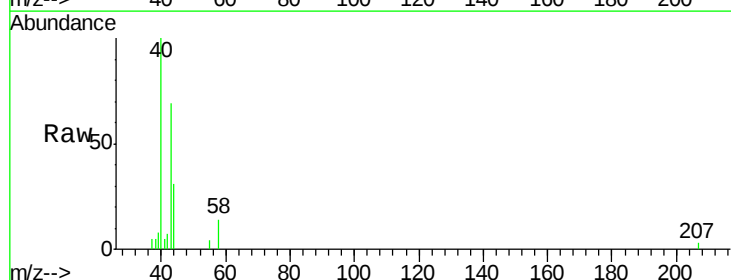
Acq: 10 Jun 2019 16:08

Tgt Ion: 43 Resp: 2761

Ion Ratio Lower Upper

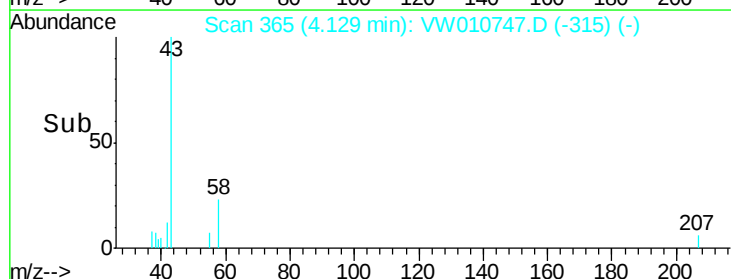
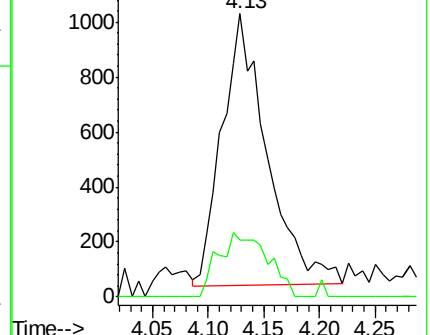
43 100

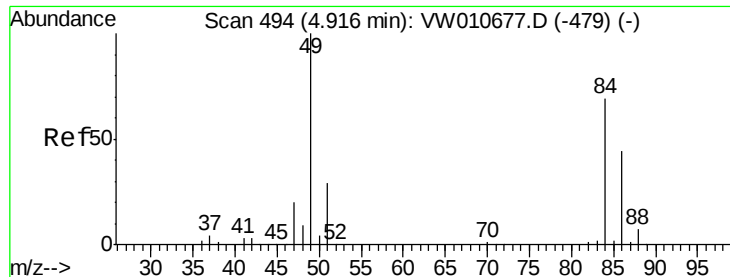
58 20.9 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

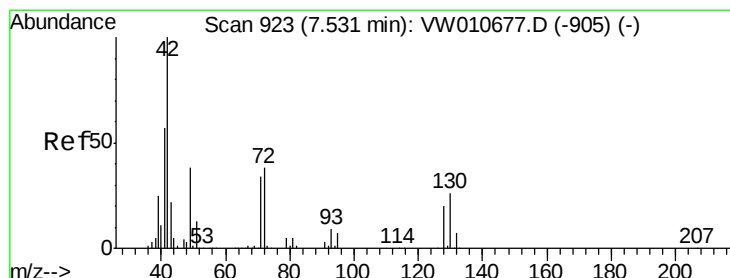
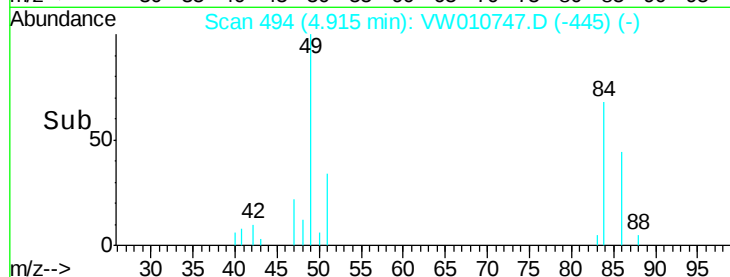
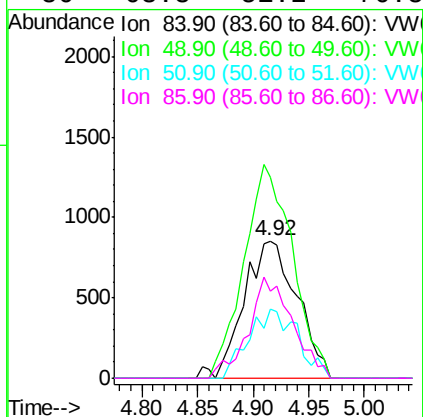
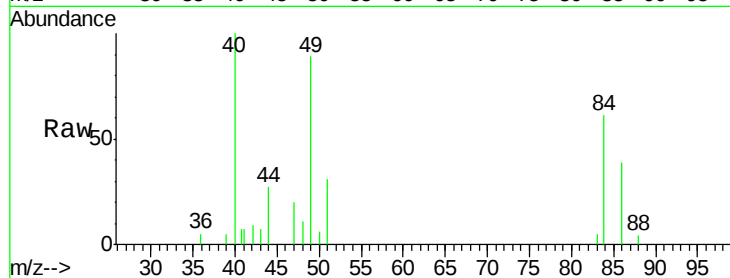




#20
Methylene Chloride
Concen: 2.072 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW010747.D
Acq: 10 Jun 2019 16:08

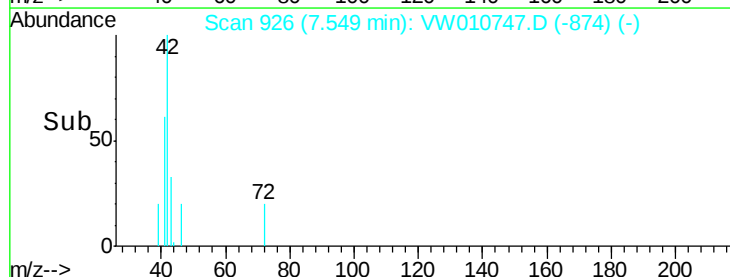
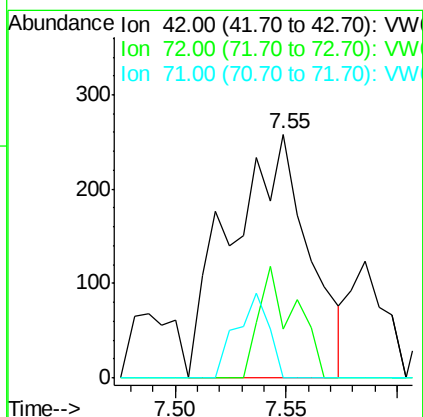
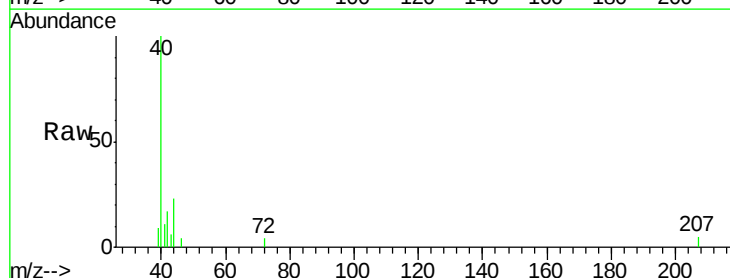
Instrument :
MSVOA_W
ClientSampleId :
SB-5_1.0-1.5_060719

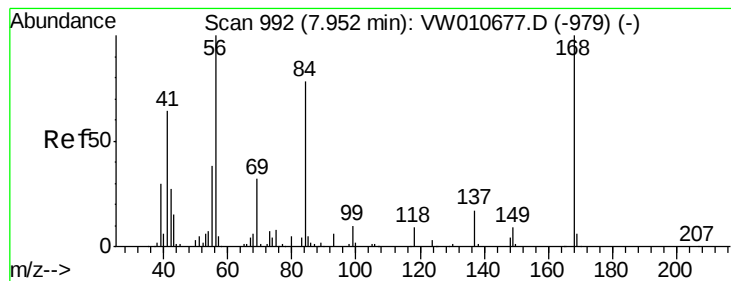
Tgt Ion:	84	Resp:	2843
Ion	Ratio	Lower	Upper
84	100		
49	146.6	116.7	175.1
51	50.2	34.2	51.2
86	63.8	51.2	76.8



#29
Tetrahydrofuran
Concen: 1.850 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.02 min
Lab File: VW010747.D
Acq: 10 Jun 2019 16:08

Tgt Ion:	42	Resp:	631
Ion	Ratio	Lower	Upper
42	100		
72	21.2	28.7	43.1#
71	14.3	26.6	39.8#





#31

Cyclohexane

Concen: 1.092 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010747.D

Acq: 10 Jun 2019 16:08

Instrument :

MSVOA_W

ClientSampleId :

SB-5 1.0-1.5 060719

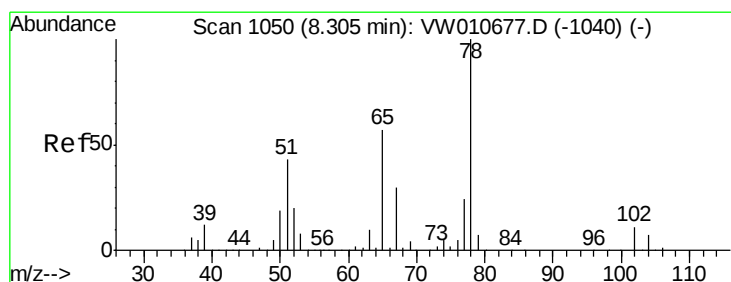
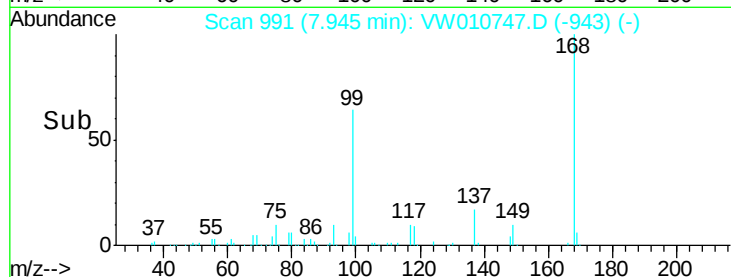
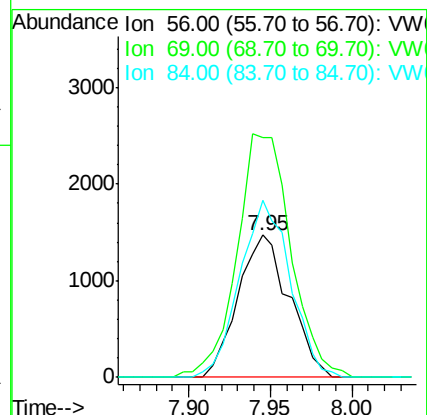
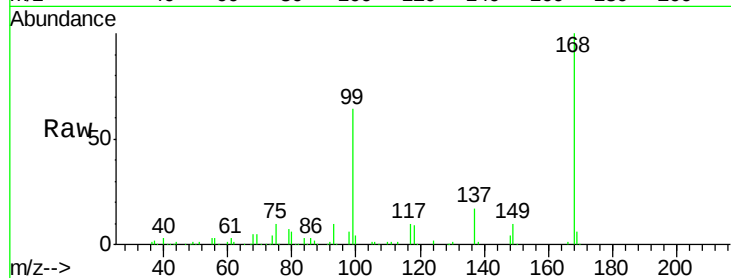
Tgt Ion: 56 Resp: 3215

Ion Ratio Lower Upper

56 100

69 164.9 25.2 37.8#

84 124.9 62.2 93.2#



#33

1,2-Dichloroethane-d4

Concen: 66.353 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010747.D

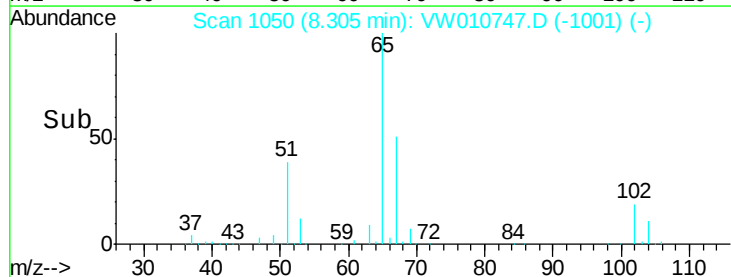
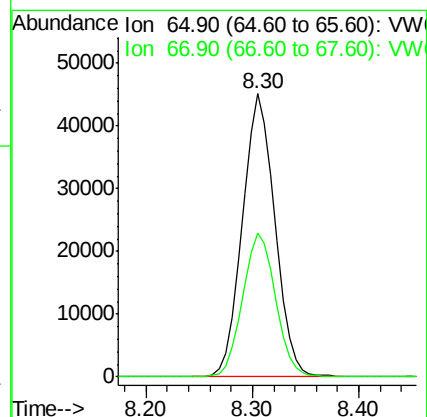
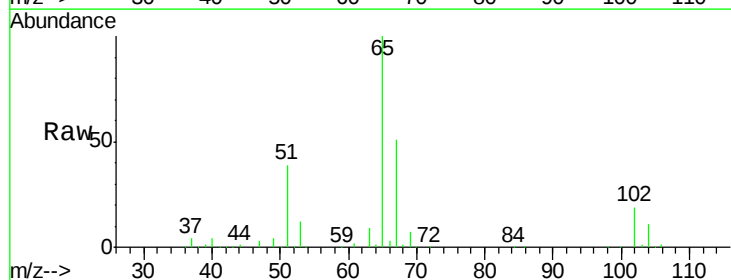
Acq: 10 Jun 2019 16:08

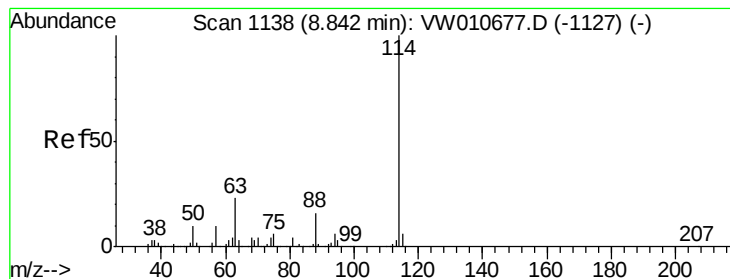
Tgt Ion: 65 Resp: 96858

Ion Ratio Lower Upper

65 100

67 51.7 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: VW010747.D

Acq: 10 Jun 2019 16:08

Instrument :

MSVOA_W

ClientSampleId :

SB-5 1.0-1.5 060719

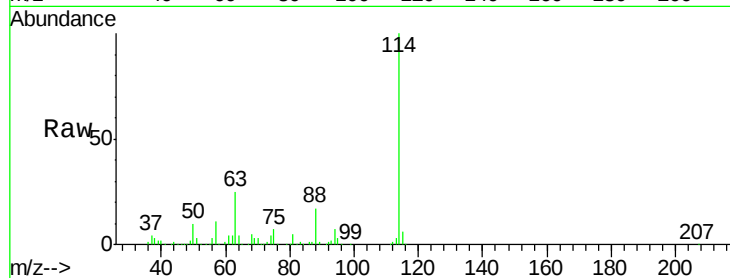
Tgt Ion:114 Resp: 215334

Ion Ratio Lower Upper

114 100

63 24.7 0.0 46.4

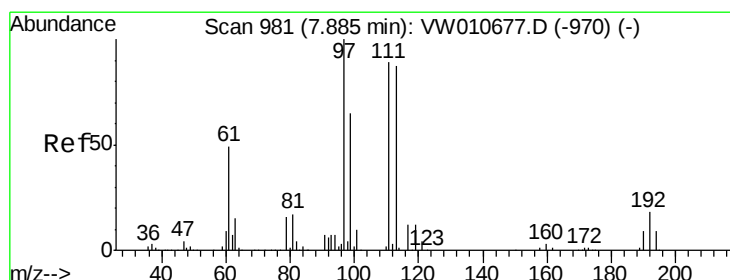
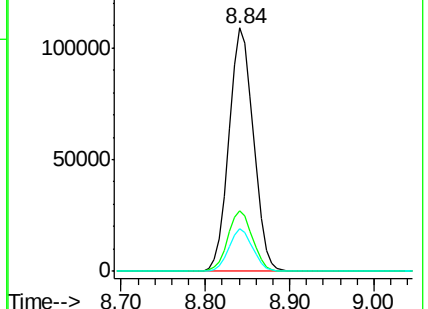
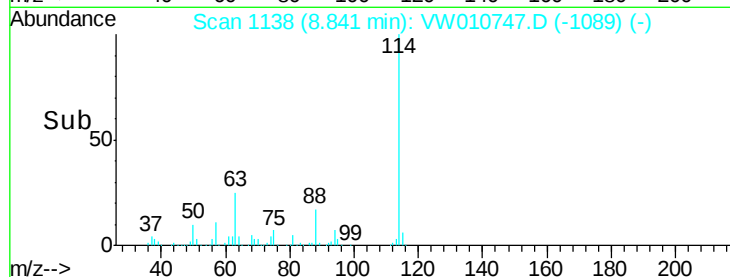
88 17.4 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 55.873 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010747.D

Acq: 10 Jun 2019 16:08

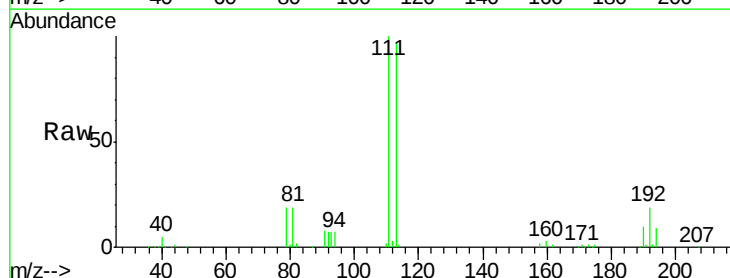
Tgt Ion:113 Resp: 65304

Ion Ratio Lower Upper

113 100

111 103.5 82.6 123.8

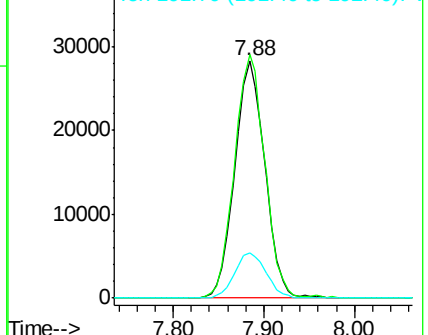
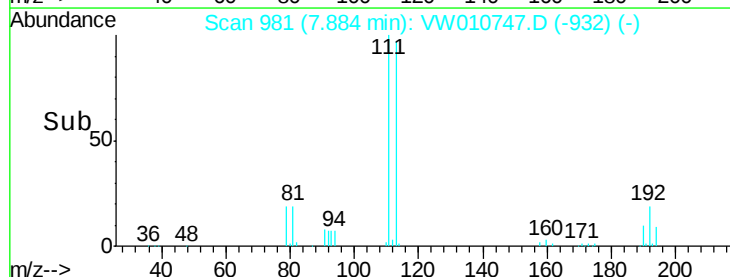
192 19.9 16.4 24.6

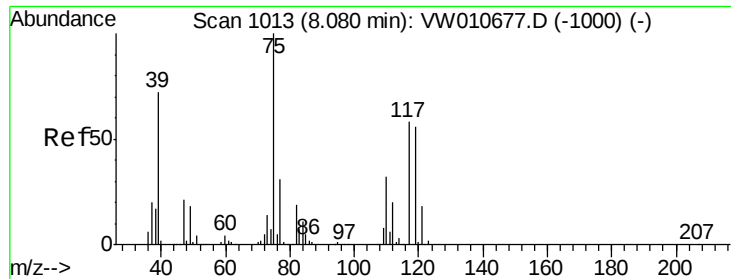


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

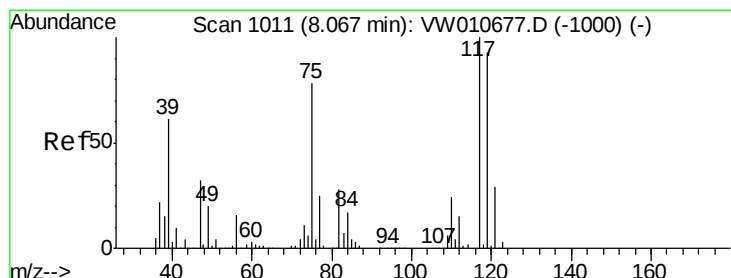
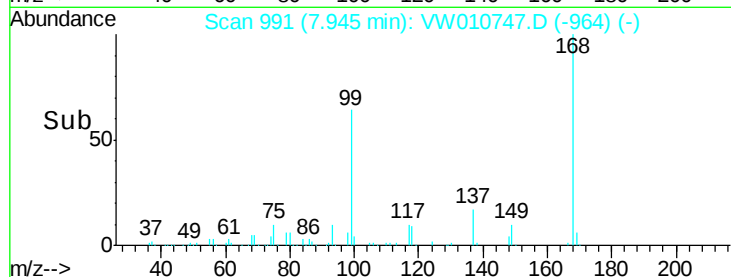
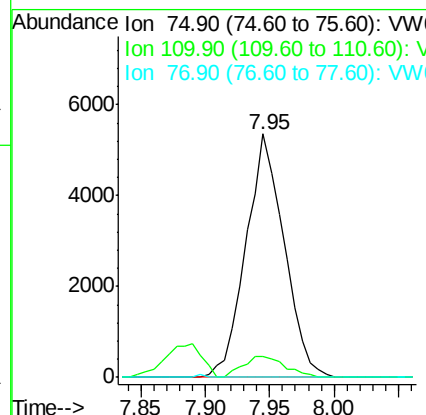
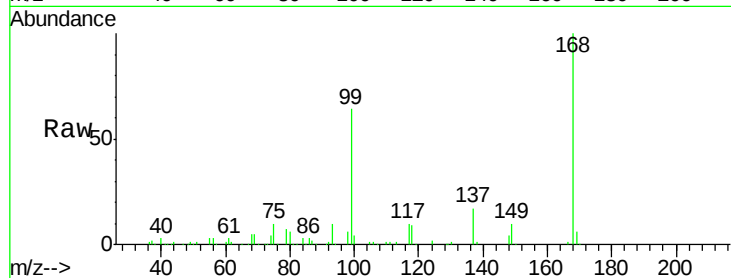




#36
 1,1-Dichloropropene
 Concen: 4.975 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010747.D
 Acq: 10 Jun 2019 16:08

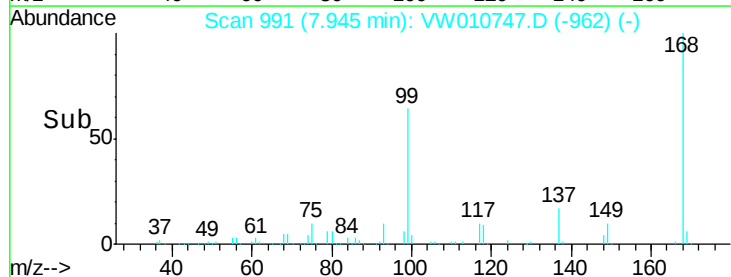
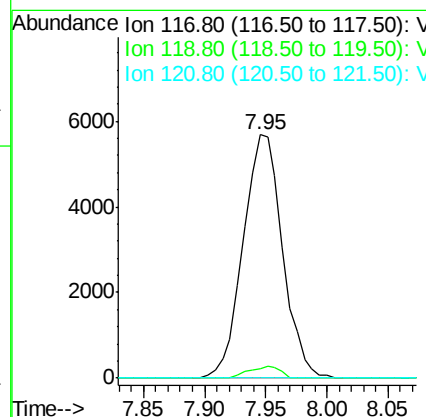
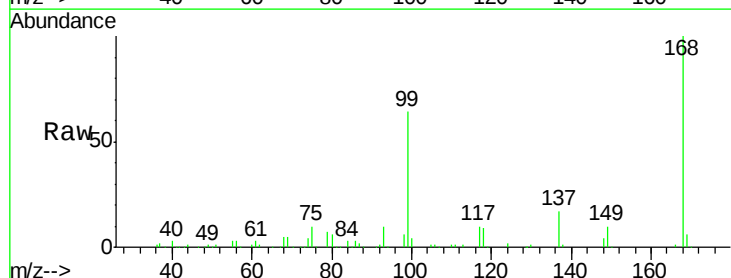
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-5_1.0-1.5_060719

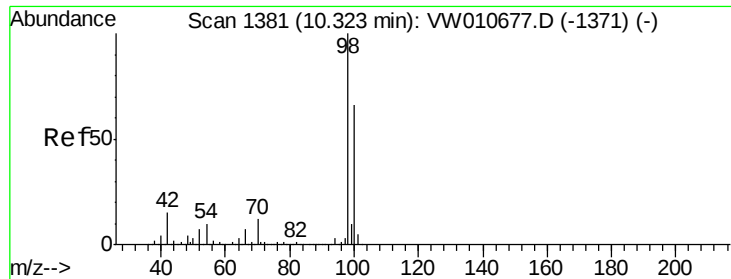
Tgt Ion: 75 Resp: 10966
 Ion Ratio Lower Upper
 75 100
 110 9.5 15.8 47.3#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.683 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW010747.D
 Acq: 10 Jun 2019 16:08

Tgt Ion: 117 Resp: 12716
 Ion Ratio Lower Upper
 117 100
 119 3.7 74.2 111.4#
 121 0.0 22.9 34.3#





#50

Toluene-d8

Concen: 54.821 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010747.D

Acq: 10 Jun 2019 16:08

Instrument :

MSVOA_W

ClientSampleId :

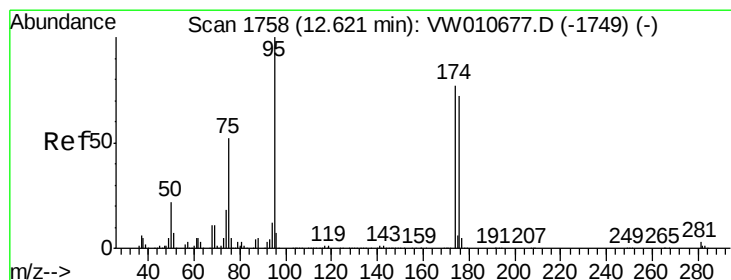
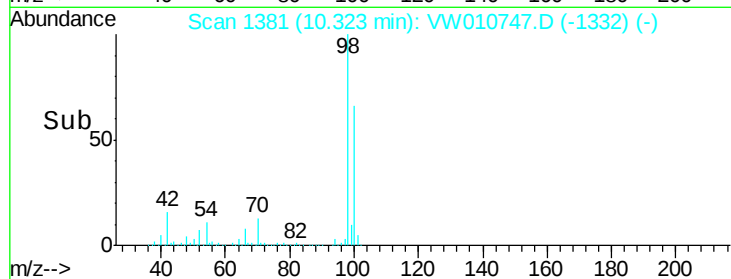
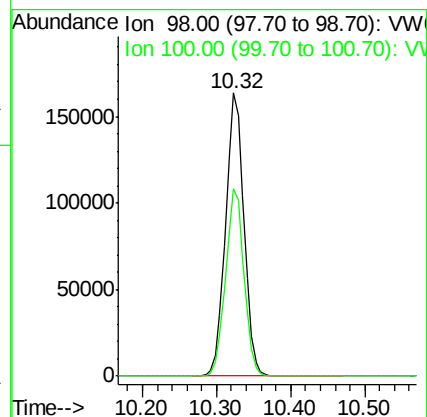
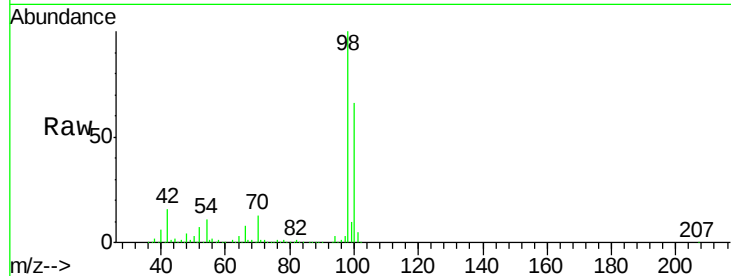
SB-5_1.0-1.5_060719

Tgt Ion: 98 Resp: 280972

Ion Ratio Lower Upper

98 100

100 66.2 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 55.622 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010747.D

Acq: 10 Jun 2019 16:08

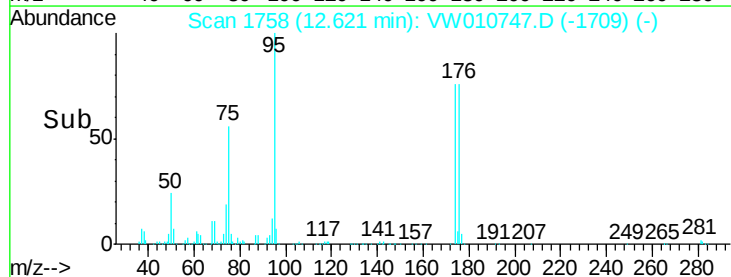
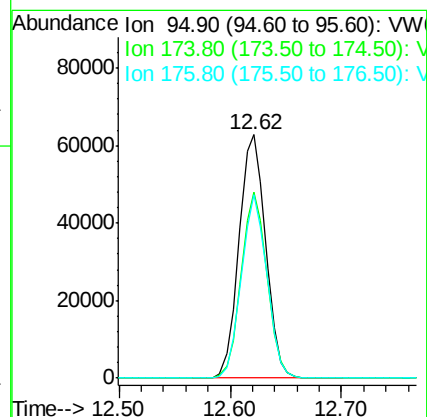
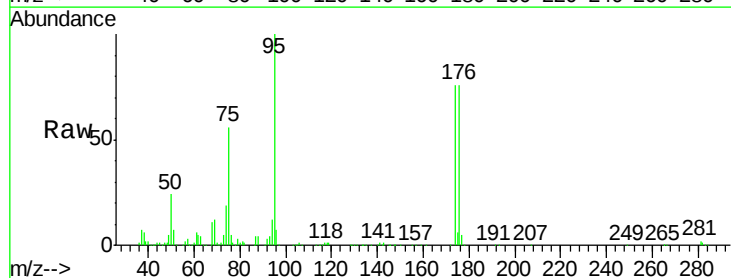
Tgt Ion: 95 Resp: 103736

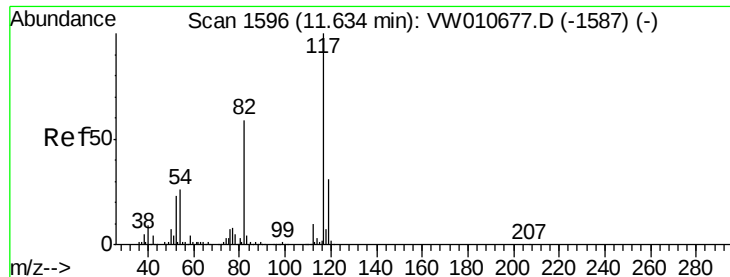
Ion Ratio Lower Upper

95 100

174 74.0 0.0 150.4

176 72.4 0.0 144.8

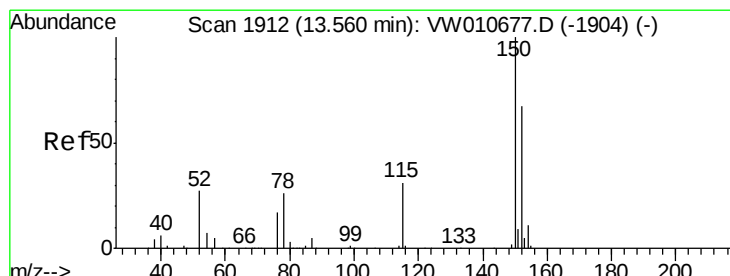
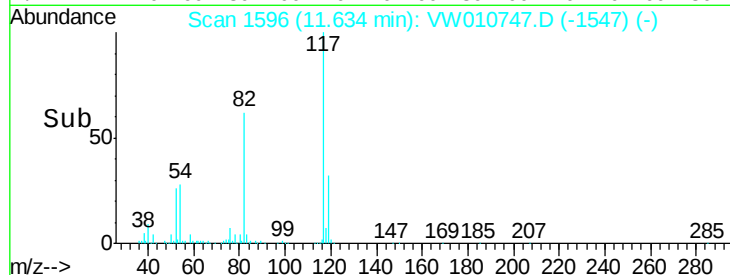
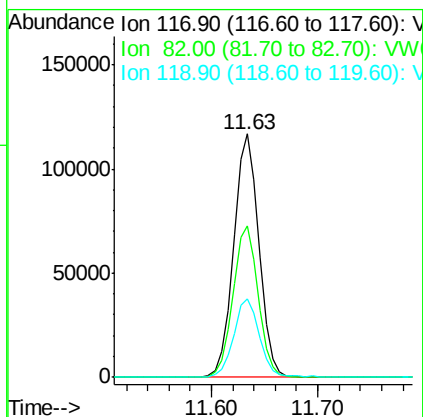
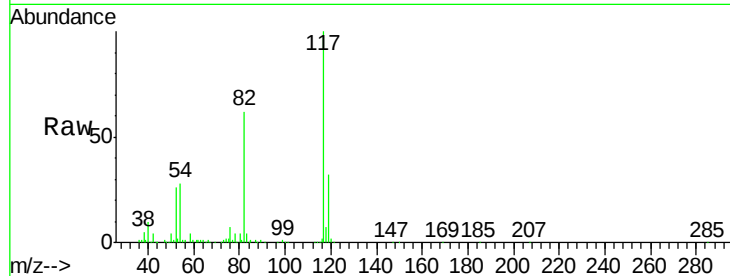




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010747.D
Acq: 10 Jun 2019 16:08

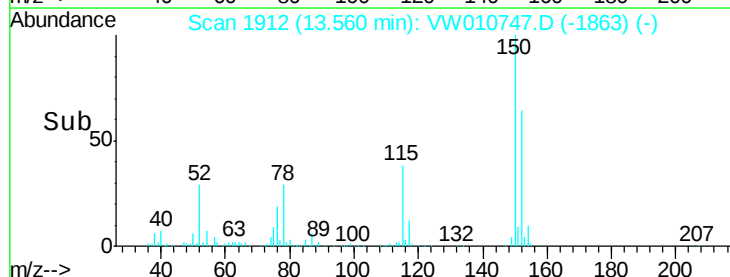
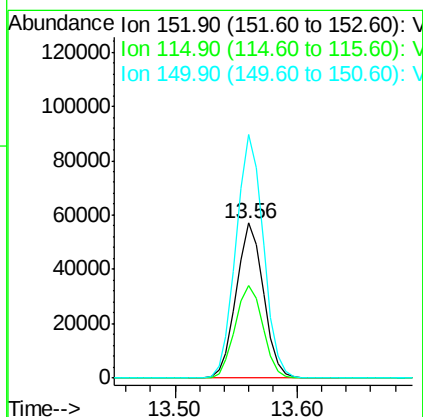
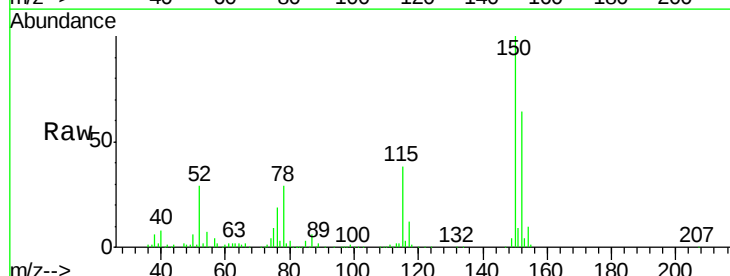
Instrument :
MSVOA_W
ClientSampleId :
SB-5_1.0-1.5_060719

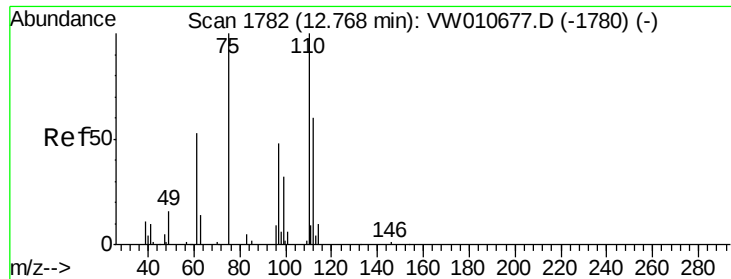
Tgt Ion:117 Resp: 193841
Ion Ratio Lower Upper
117 100
82 62.2 47.0 70.4
119 32.0 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010747.D
Acq: 10 Jun 2019 16:08

Tgt Ion:152 Resp: 87669
Ion Ratio Lower Upper
152 100
115 61.0 29.8 89.3
150 158.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 62.030 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010747.D

Acq: 10 Jun 2019 16:08

Instrument :

MSVOA_W

ClientSampleId :

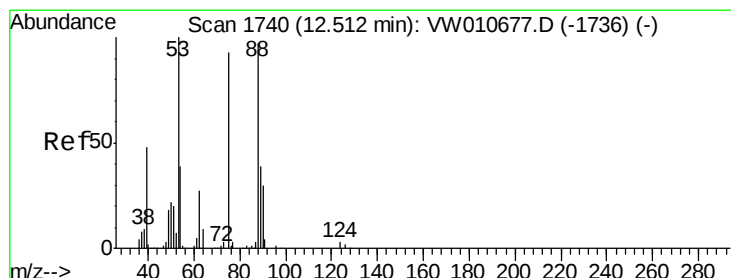
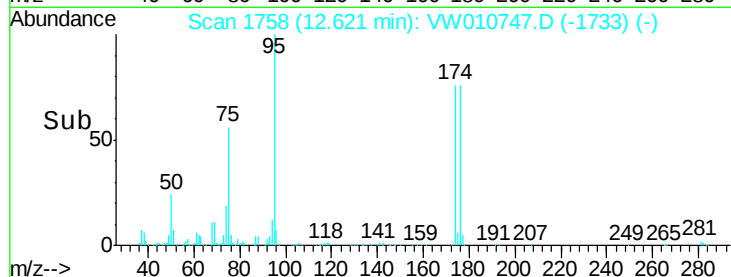
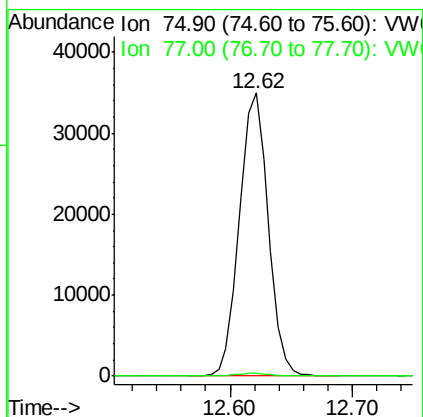
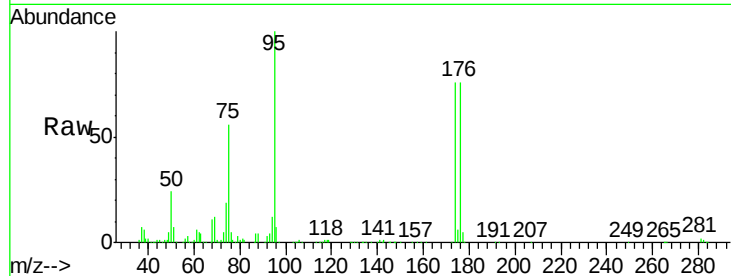
SB-5 1.0-1.5 060719

Tgt Ion: 75 Resp: 57108

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 142.566 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010747.D

Acq: 10 Jun 2019 16:08

Tgt Ion: 75 Resp: 57108

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

89 0.0 34.6 52.0#

