

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061019\
 Data File : VW010753.D
 Acq On : 10 Jun 2019 18:54
 Operator : SY/VA
 Sample : K3273-13
 Misc : 4.72G/5ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-8 1.0-1.5 060719

Quant Time: Jun 11 05:27:56 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	205373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	358268	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	318128	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	140473	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	145943	60.29	ug/l	0.00
Spiked Amount			Recovery	=	120.58%	
35) Dibromofluoromethane	7.88	113	108239	55.66	ug/l	0.00
Spiked Amount			Recovery	=	111.32%	
50) Toluene-d8	10.32	98	472846	55.45	ug/l	0.00
Spiked Amount			Recovery	=	110.90%	
62) 4-Bromofluorobenzene	12.62	95	168083	54.17	ug/l	0.00
Spiked Amount			Recovery	=	108.34%	

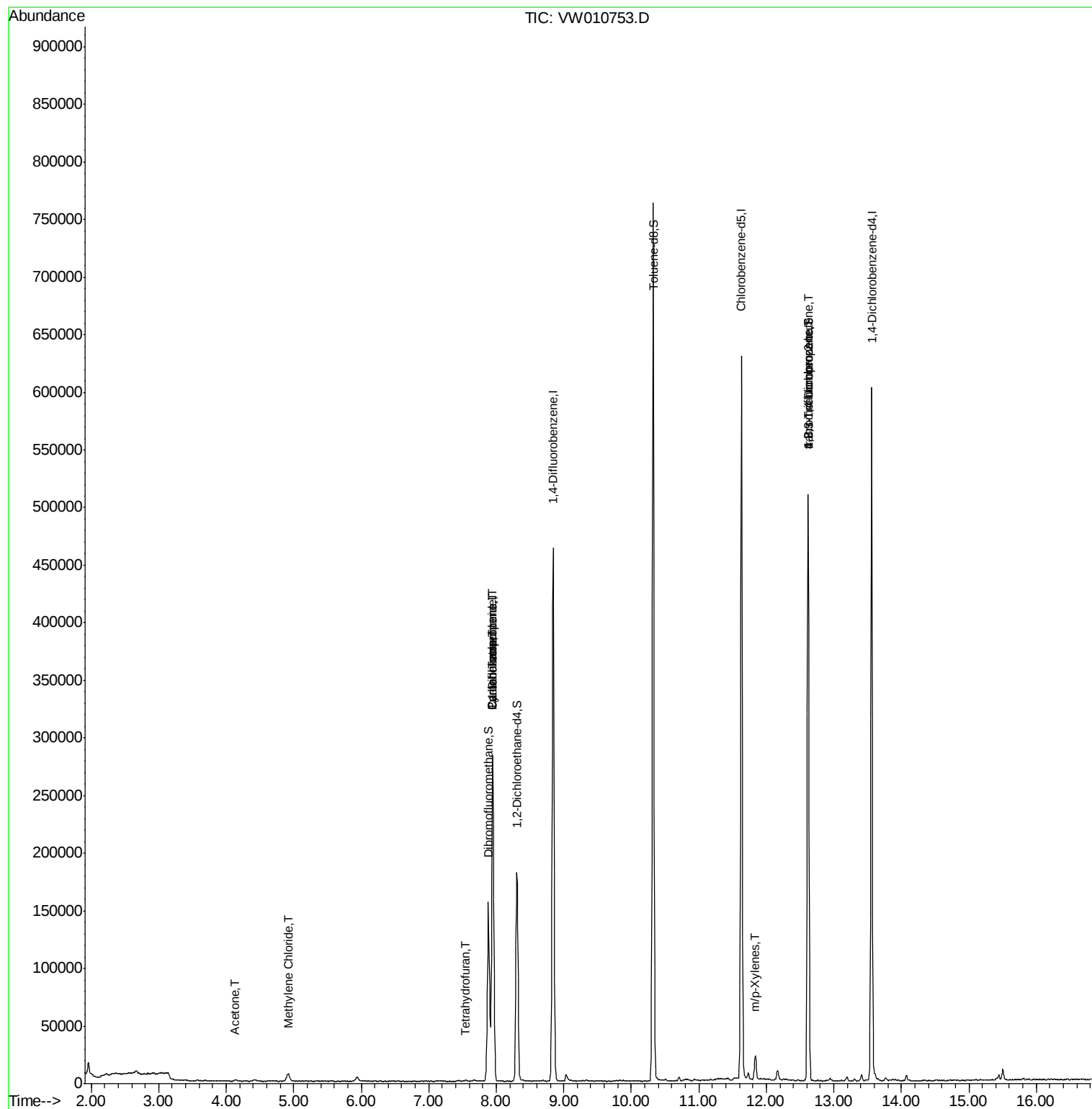
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	2736	4.218	ug/l	97
20) Methylene Chloride	4.92	84	4438	1.950	ug/l #	93
29) Tetrahydrofuran	7.54	42	753	1.331	ug/l #	83
31) Cyclohexane	7.95	56	5394	1.104	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	18109	4.938	ug/l #	51
38) Carbon Tetrachloride	7.95	117	20739	6.551	ug/l #	18
68) m/p-Xylenes	11.84	106	5645	1.312	ug/l	95
76) 1,2,3-Trichloropropane	12.62	75	91233	61.846	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	91233	142.143	ug/l #	5

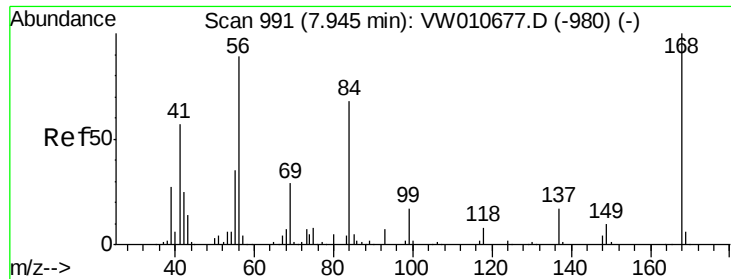
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW061019\
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SB-8_1.0-1.5_060719

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Quant Title : SW846 8260
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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: VW010753.D

Acq: 10 Jun 2019 18:54

Instrument :

MSVOA_W

ClientSampleId :

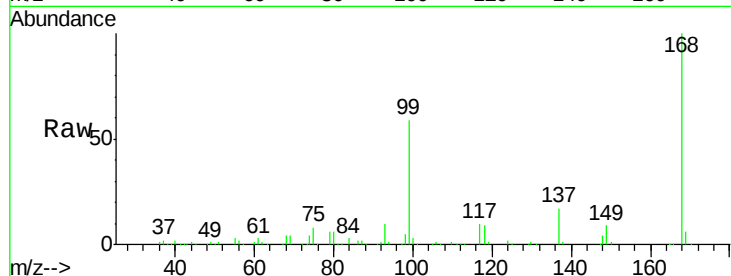
SB-8 1.0-1.5 060719

Tgt Ion:168 Resp: 205373

Ion Ratio Lower Upper

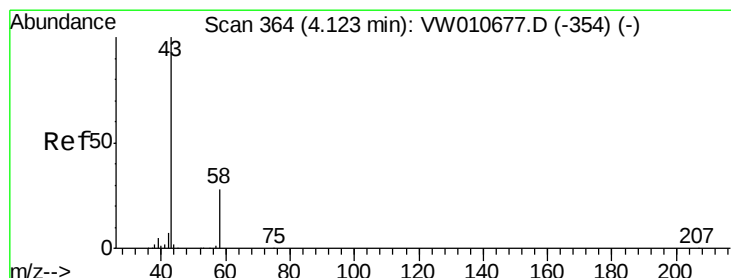
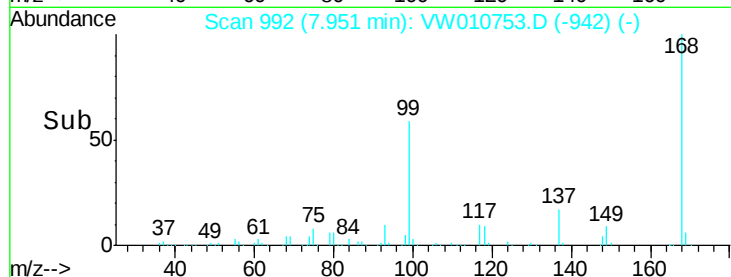
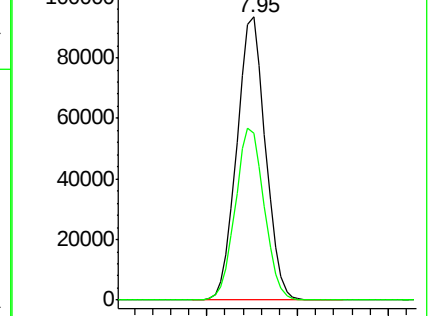
168 100

99 58.8 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: 4.218 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW010753.D

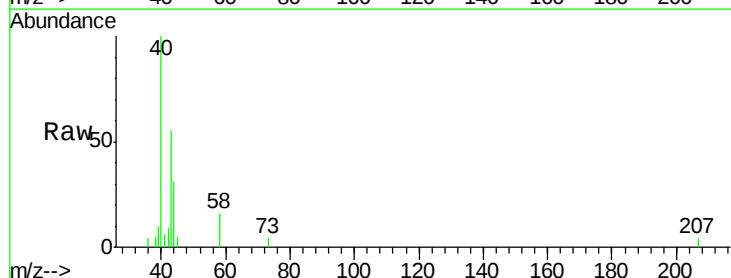
Acq: 10 Jun 2019 18:54

Tgt Ion: 43 Resp: 2736

Ion Ratio Lower Upper

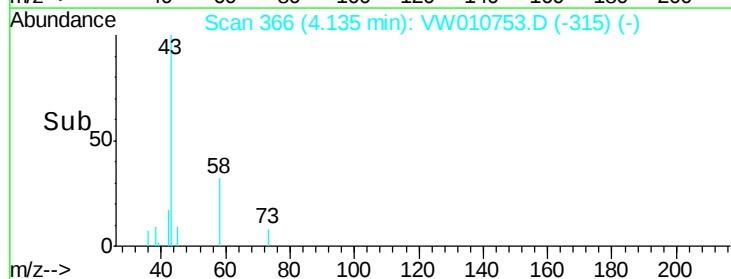
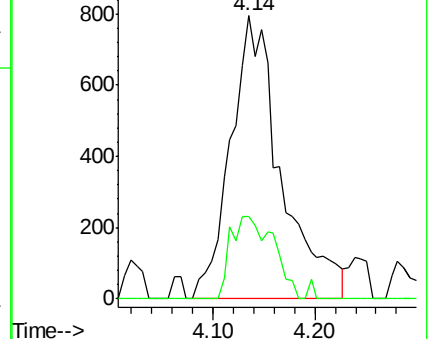
43 100

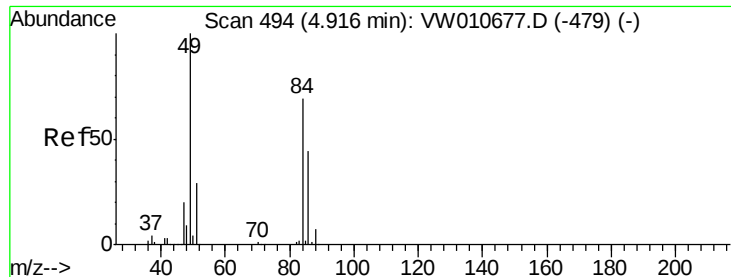
58 28.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

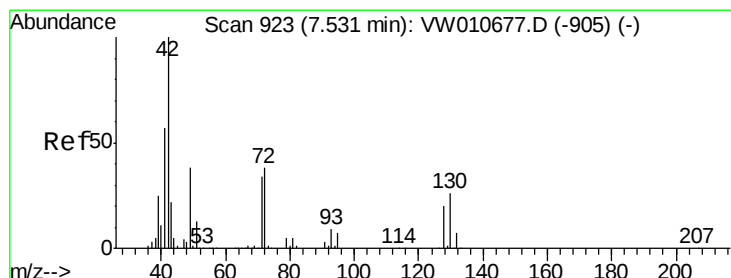
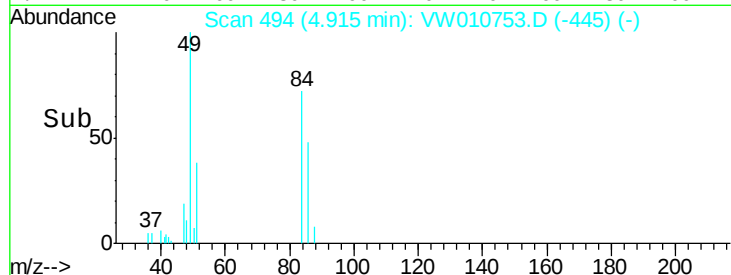
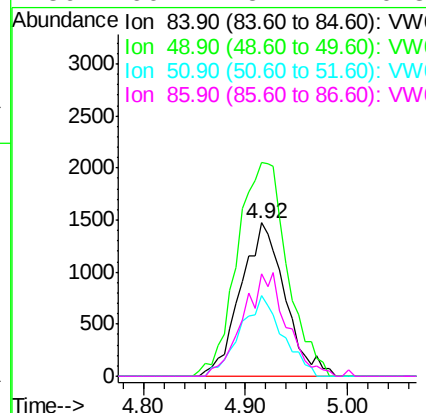
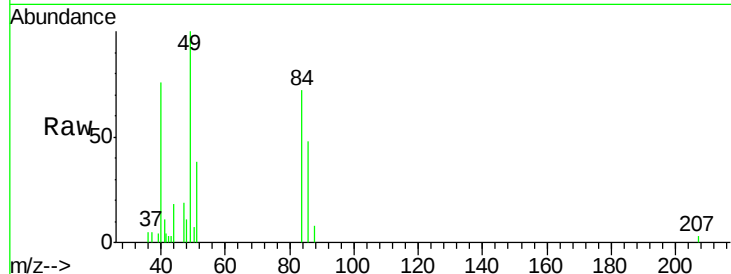




#20
Methylene Chloride
Concen: 1.950 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW010753.D
Acq: 10 Jun 2019 18:54

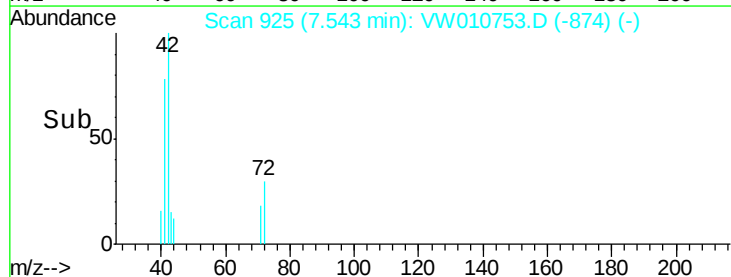
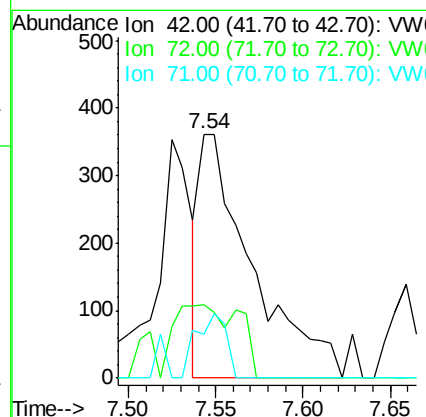
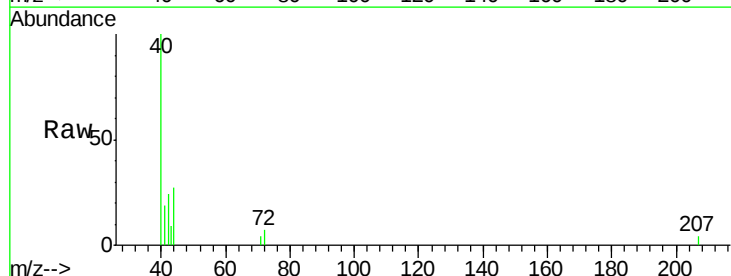
Instrument :
MSVOA_W
ClientSampleId :
SB-8_1.0-1.5_060719

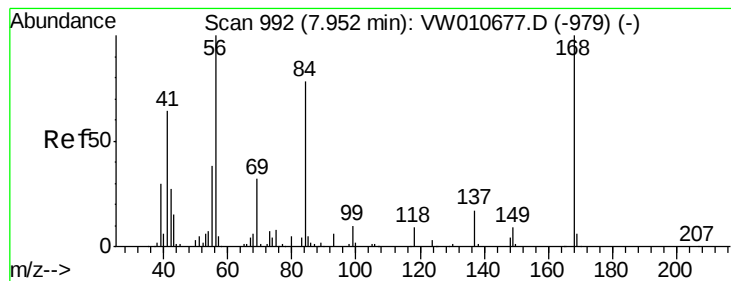
Tgt Ion: 84 Resp: 4438
Ion Ratio Lower Upper
84 100
49 139.1 116.7 175.1
51 52.5 34.2 51.2#
86 66.4 51.2 76.8



#29
Tetrahydrofuran
Concen: 1.331 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW010753.D
Acq: 10 Jun 2019 18:54

Tgt Ion: 42 Resp: 753
Ion Ratio Lower Upper
42 100
72 37.2 28.7 43.1
71 15.0 26.6 39.8#





#31

Cyclohexane

Concen: 1.104 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010753.D

Acq: 10 Jun 2019 18:54

Instrument :

MSVOA_W

ClientSampleId :

SB-8 1.0-1.5 060719

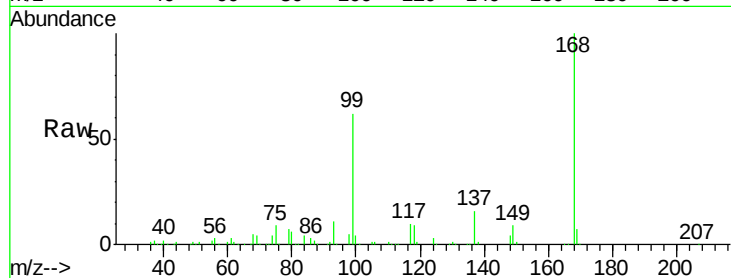
Tgt Ion: 56 Resp: 5394

Ion Ratio Lower Upper

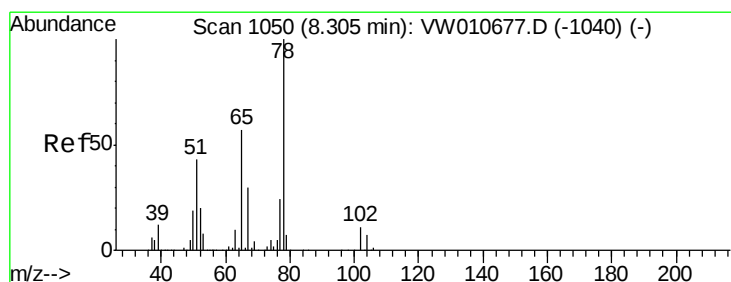
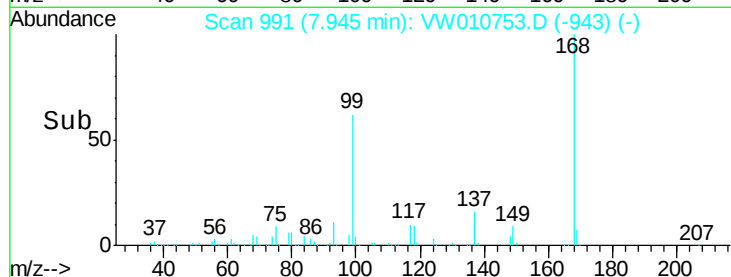
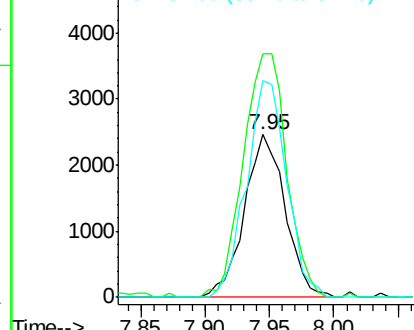
56 100

69 149.5 25.2 37.8#

84 133.1 62.2 93.2#



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: 60.290 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010753.D

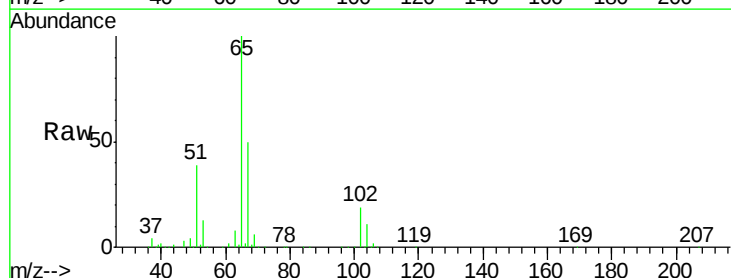
Acq: 10 Jun 2019 18:54

Tgt Ion: 65 Resp: 145943

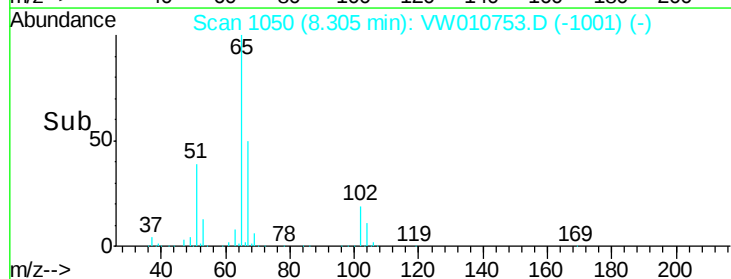
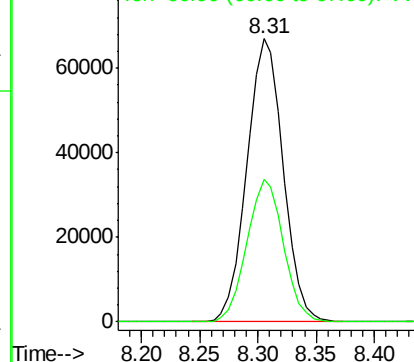
Ion Ratio Lower Upper

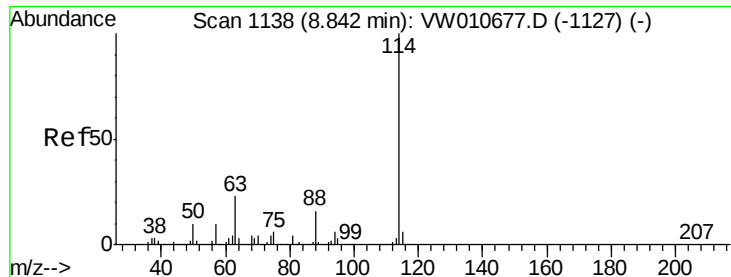
65 100

67 50.6 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

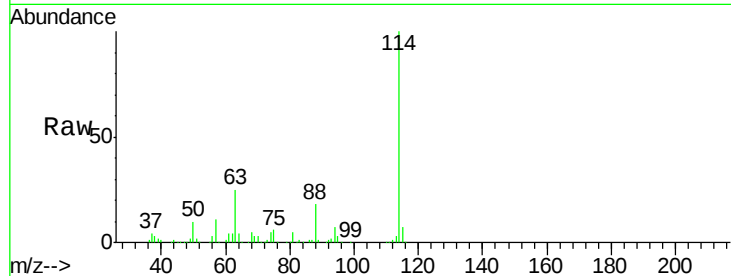




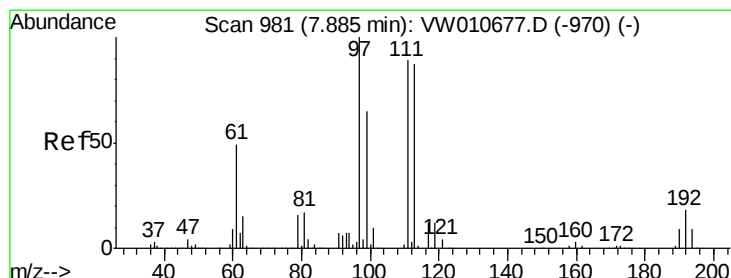
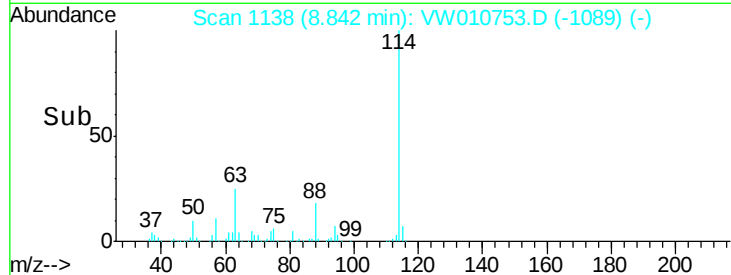
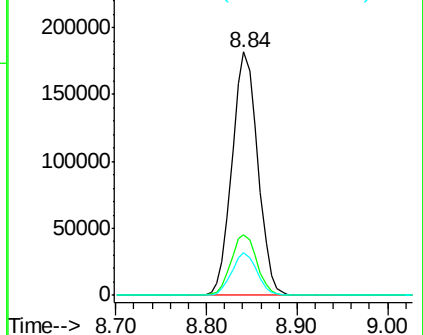
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010753.D
 Acq: 10 Jun 2019 18:54

Instrument :
 MSVOA_W
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 SB-8_1.0-1.5_060719

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.8	0.0	46.4
88	17.6	0.0	32.2

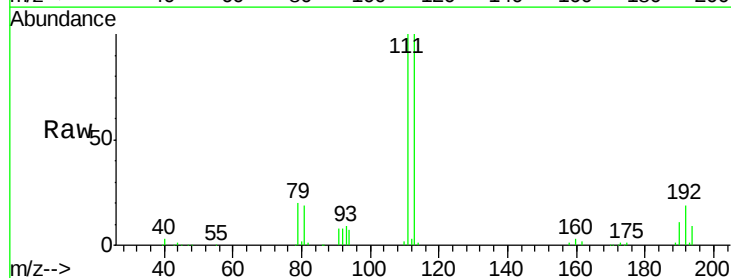


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

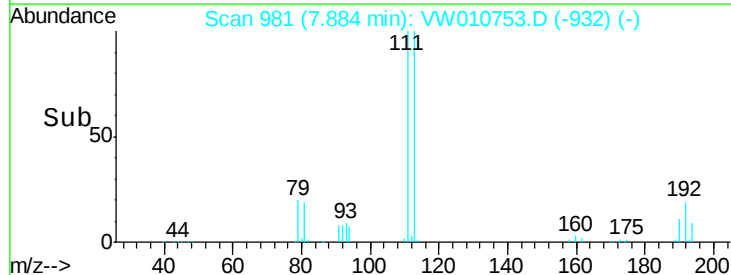
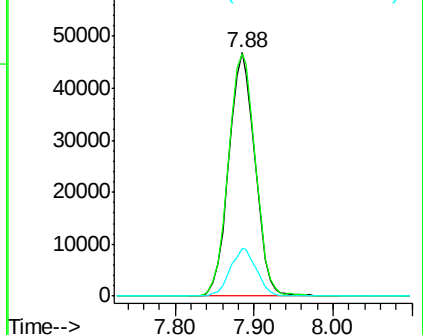


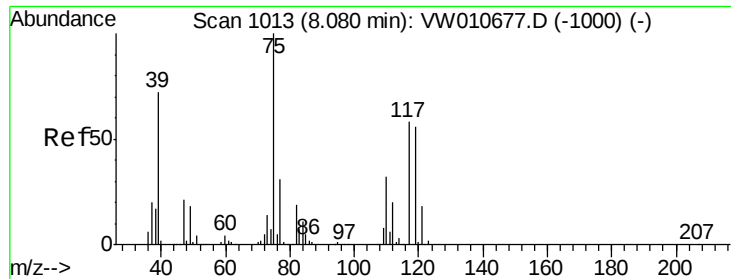
#35
 Dibromofluoromethane
 Concen: 55.661 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010753.D
 Acq: 10 Jun 2019 18:54

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	123.8
192	19.5	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

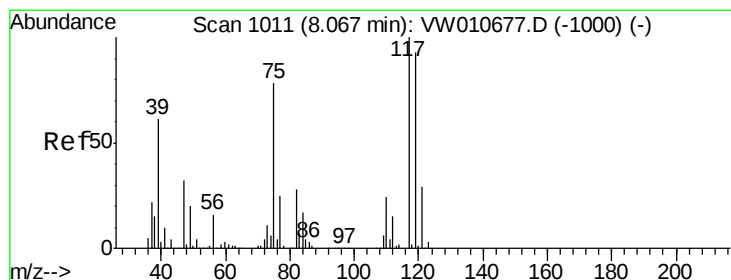
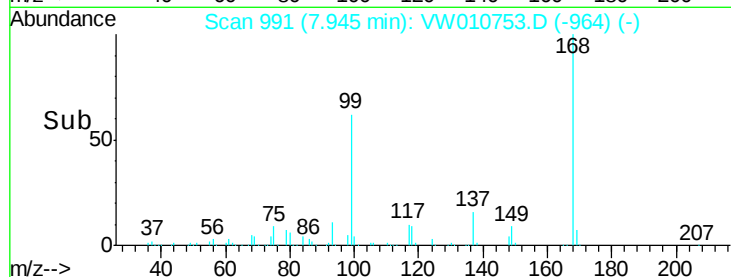
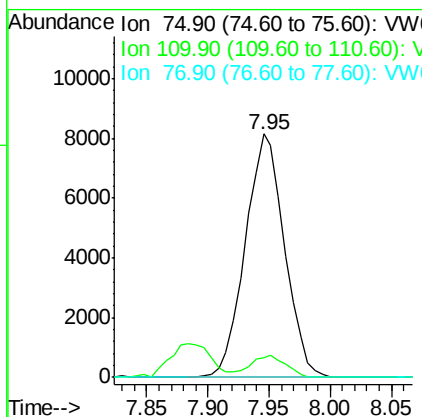
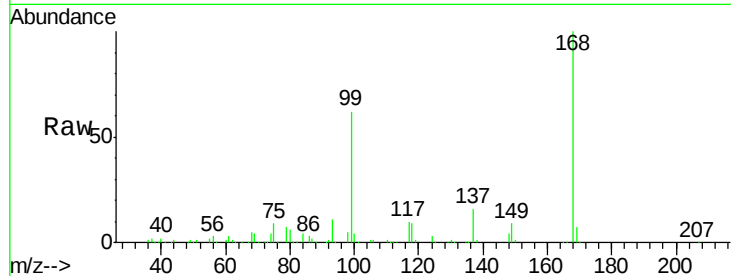




#36
 1,1-Dichloropropene
 Concen: 4.938 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010753.D
 Acq: 10 Jun 2019 18:54

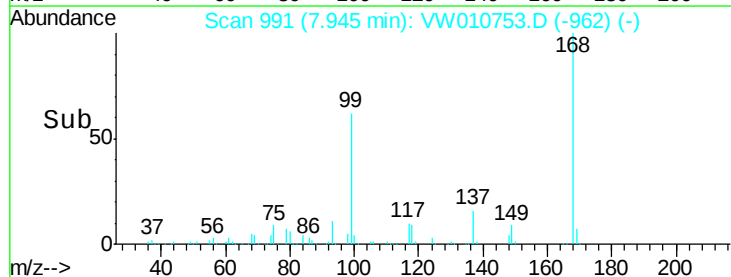
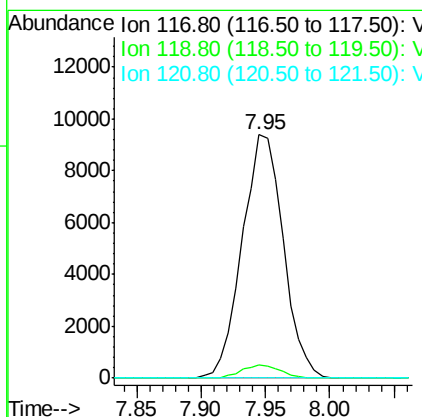
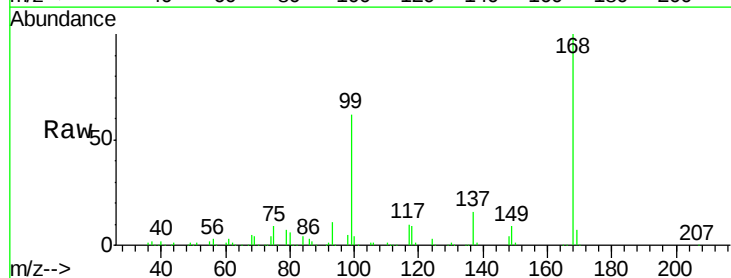
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-8 1.0-1.5 060719

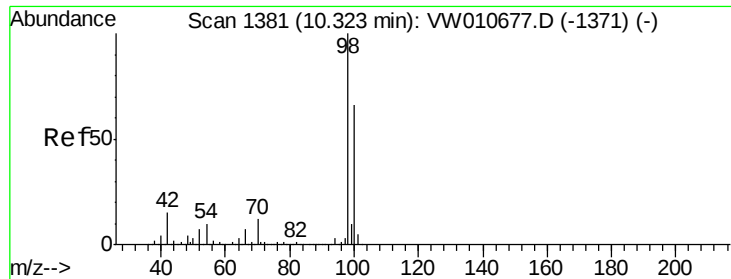
Tgt Ion: 75 Resp: 18109
 Ion Ratio Lower Upper
 75 100
 110 8.1 15.8 47.3#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.551 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW010753.D
 Acq: 10 Jun 2019 18:54

Tgt Ion: 117 Resp: 20739
 Ion Ratio Lower Upper
 117 100
 119 5.4 74.2 111.4#
 121 0.0 22.9 34.3#





#50

Toluene-d8

Concen: 55.451 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010753.D

Acq: 10 Jun 2019 18:54

Instrument :

MSVOA_W

ClientSampleId :

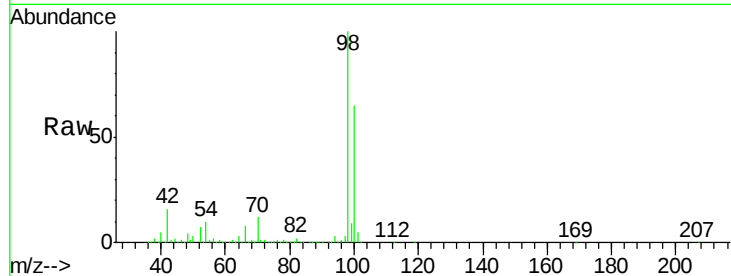
SB-8 1.0-1.5 060719

Tgt Ion: 98 Resp: 472846

Ion Ratio Lower Upper

98 100

100 65.8 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

250000

200000

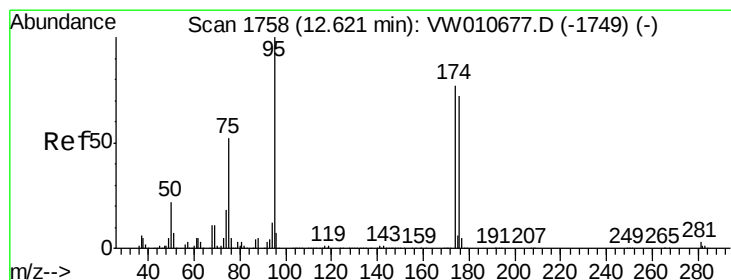
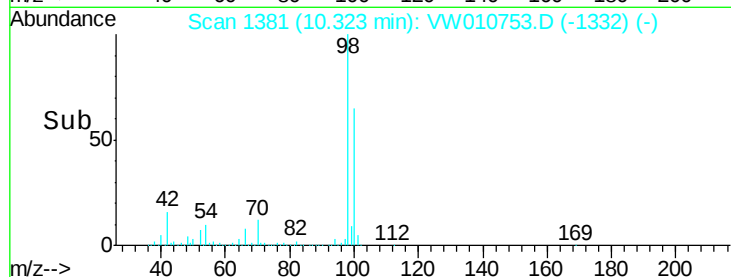
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 54.168 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010753.D

Acq: 10 Jun 2019 18:54

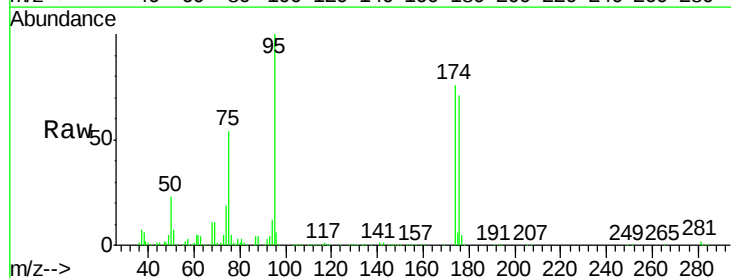
Tgt Ion: 95 Resp: 168083

Ion Ratio Lower Upper

95 100

174 73.4 0.0 150.4

176 70.7 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

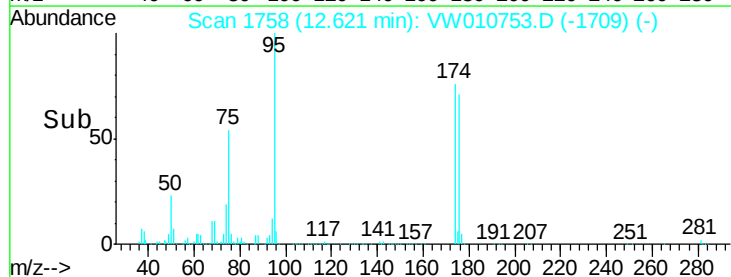
12.62

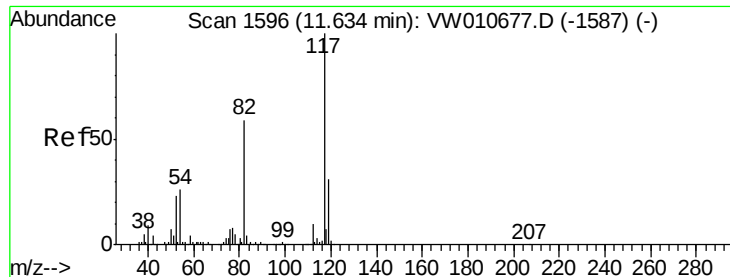
100000

50000

0

Time-->

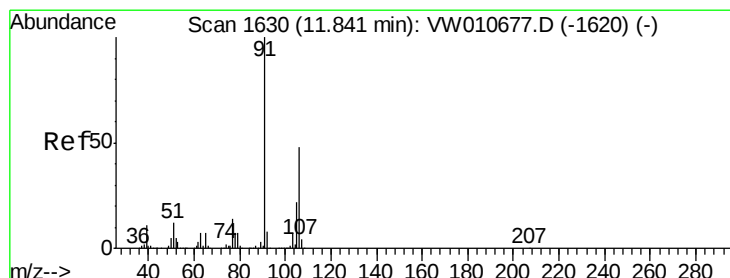
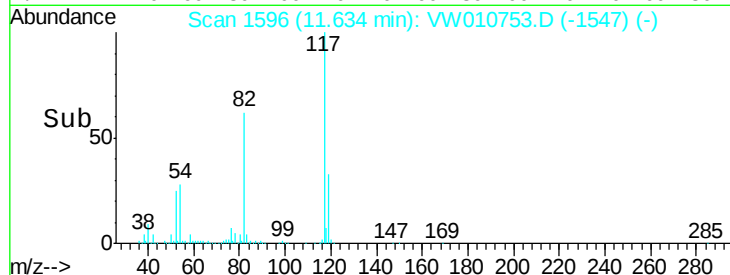
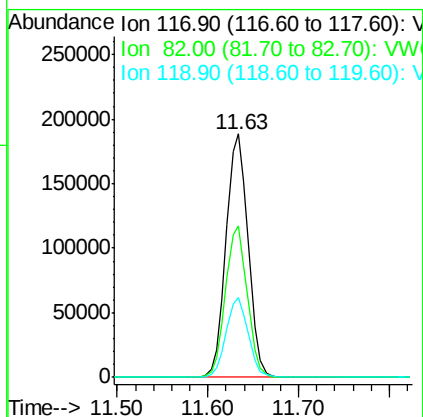
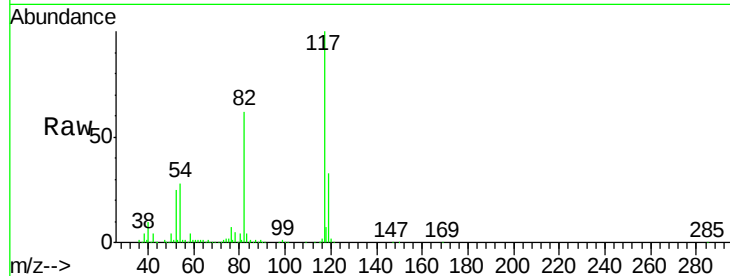




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010753.D
Acq: 10 Jun 2019 18:54

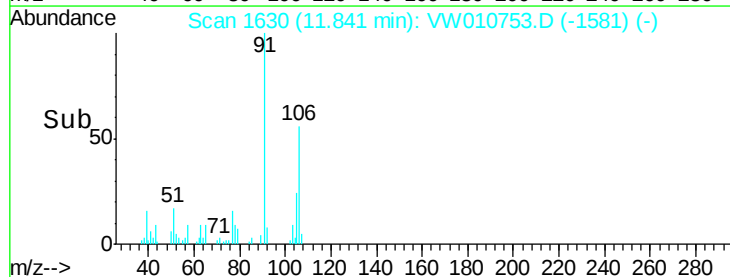
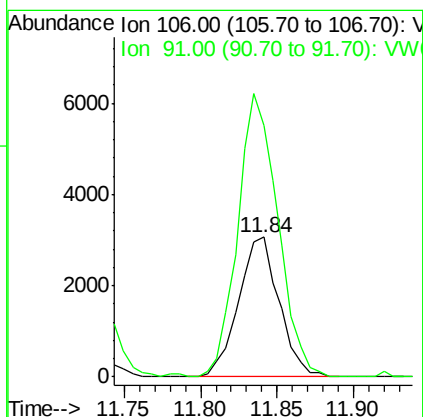
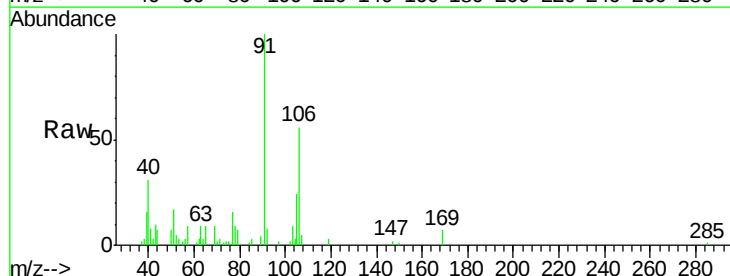
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SB-8_1.0-1.5_060719

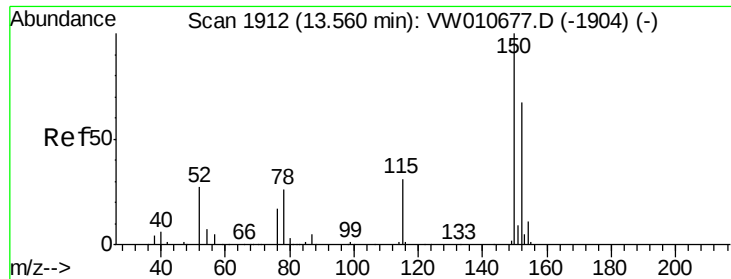
Tgt Ion:117 Resp: 318128
Ion Ratio Lower Upper
117 100
82 62.0 47.0 70.4
119 32.6 25.1 37.7



#68
m/p-Xylenes
Concen: 1.312 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010753.D
Acq: 10 Jun 2019 18:54

Tgt Ion:106 Resp: 5645
Ion Ratio Lower Upper
106 100
91 200.0 166.5 249.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010753.D

Acq: 10 Jun 2019 18:54

Instrument :

MSVOA_W

ClientSampleId :

SB-8_1.0-1.5_060719

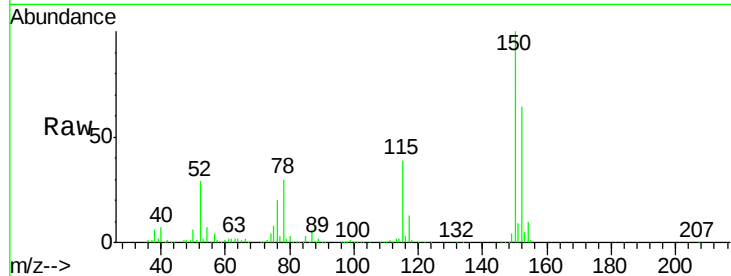
Tgt Ion:152 Resp: 140473

Ion Ratio Lower Upper

152 100

115 62.2 29.8 89.3

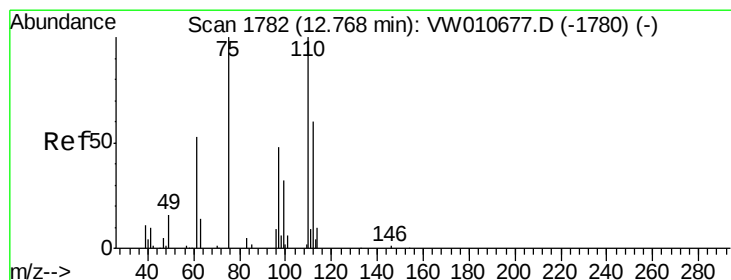
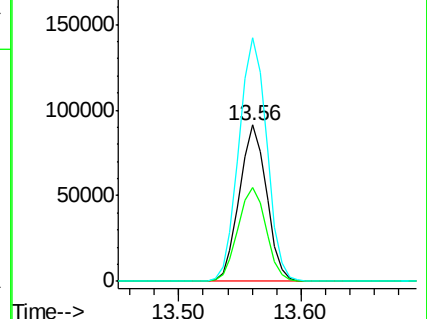
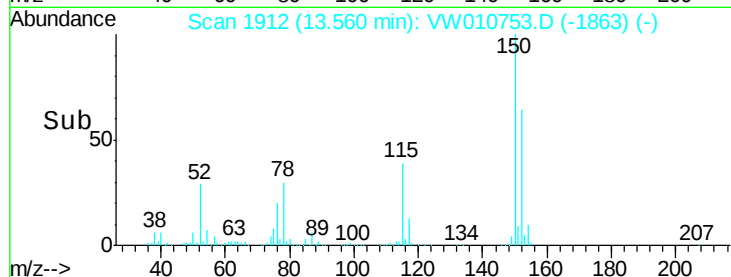
150 159.5 0.0 345.0



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: 61.846 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010753.D

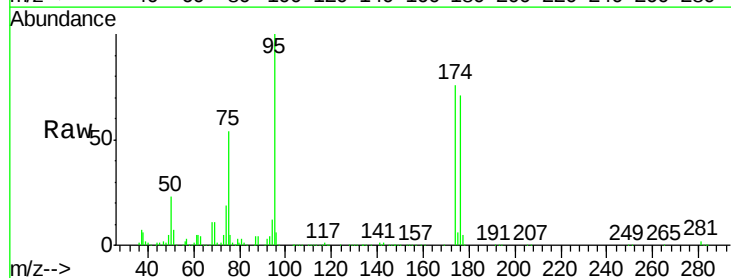
Acq: 10 Jun 2019 18:54

Tgt Ion: 75 Resp: 91233

Ion Ratio Lower Upper

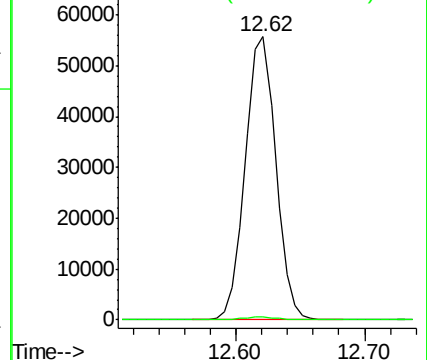
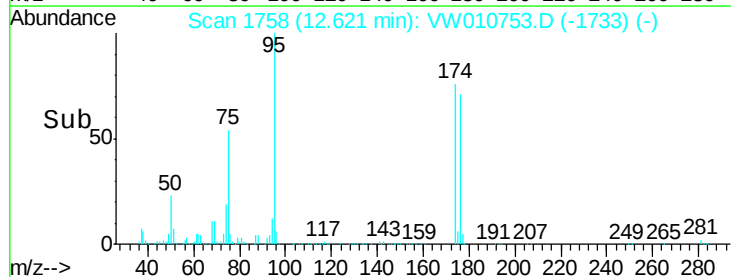
75 100

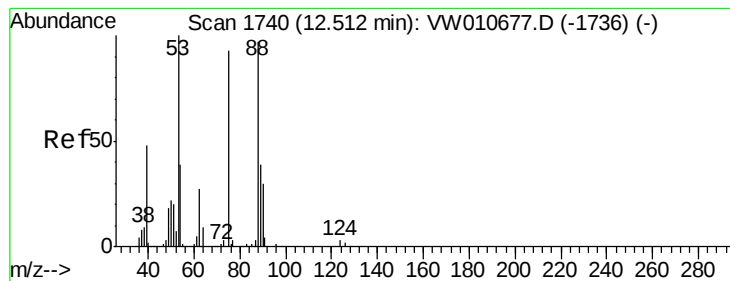
77 1.1 0.0 0.0#



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: 142.143 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010753.D

Acq: 10 Jun 2019 18:54

Instrument :

MSVOA_W

ClientSampleId :

SB-8 1.0-1.5 060719

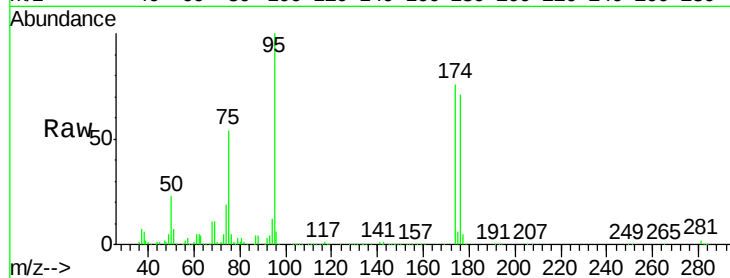
Tgt Ion: 75 Resp: 91233

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

