

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061019\
 Data File : VW010745.D
 Acq On : 10 Jun 2019 15:13
 Operator : SY/VA
 Sample : K3273-02
 Misc : 4.47G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-6 12.5-13.0 060719

Quant Time: Jun 11 05:26:19 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

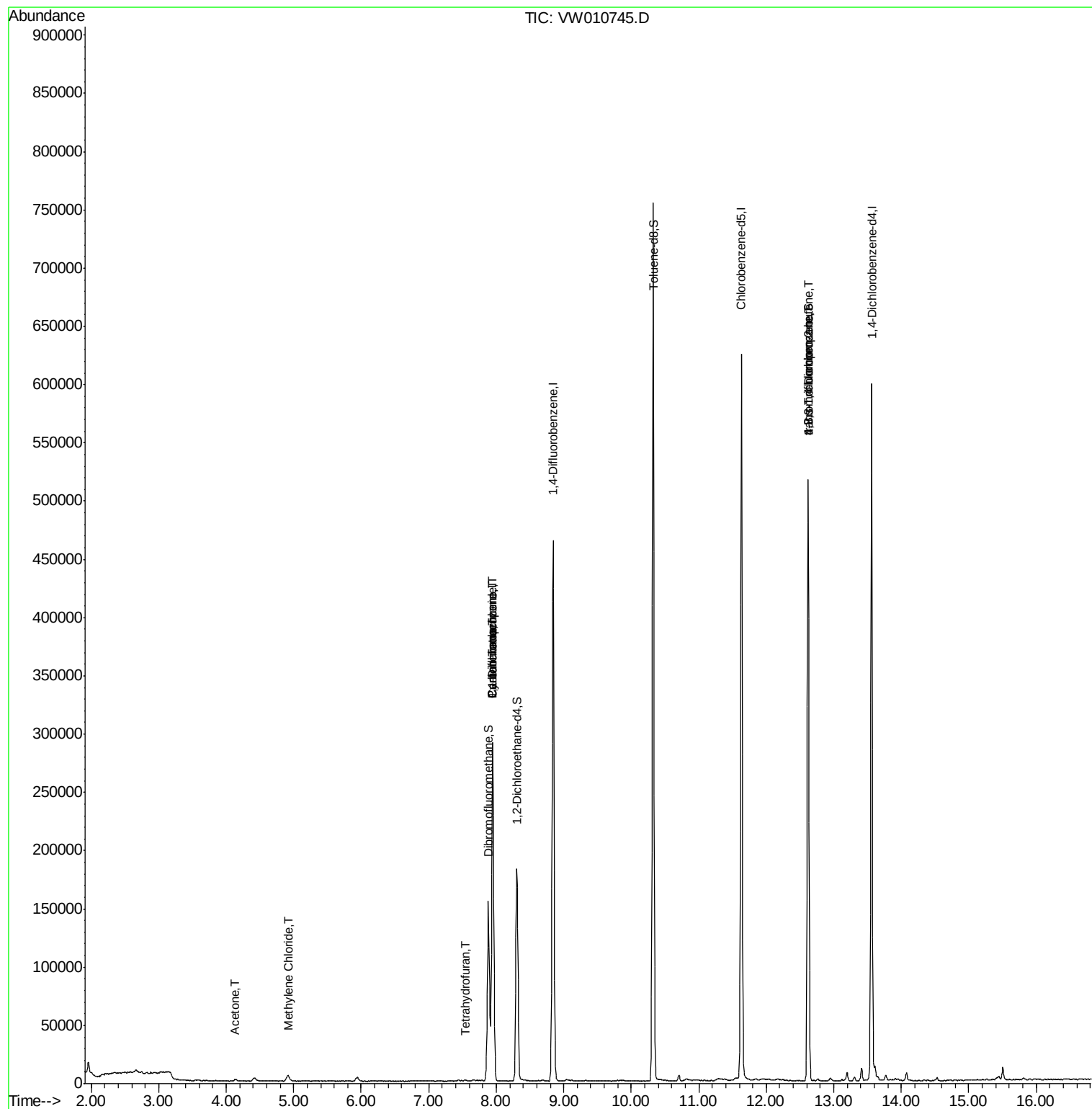
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	206655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	362019	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	317945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	142253	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	145735	59.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.66%	
35) Dibromofluoromethane	7.88	113	108706	55.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.64%	
50) Toluene-d8	10.32	98	472972	54.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.78%	
62) 4-Bromofluorobenzene	12.62	95	167287	53.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.70%	
Target Compounds						
16) Acetone	4.13	43	2688	4.119	ug/l	99
20) Methylene Chloride	4.92	84	3345	1.461	ug/l #	96
29) Tetrahydrofuran	7.55	42	1238	2.175	ug/l #	78
31) Cyclohexane	7.95	56	5353	1.089	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	18566	5.010	ug/l #	51
38) Carbon Tetrachloride	7.95	117	21671	6.774	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	90345	60.478	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	90345	138.998	ug/l #	5

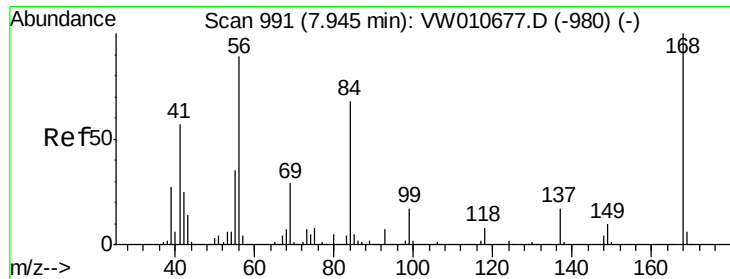
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW061019\
Data File : VW010745.D
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SB-6_12.5-13.0_060719

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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: VW010745.D

Acq: 10 Jun 2019 15:13

Instrument :

MSVOA_W

ClientSampleId :

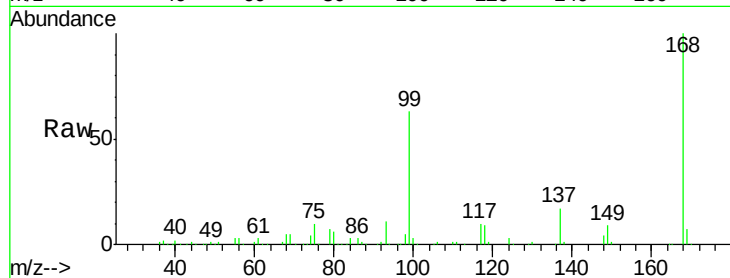
SB-6 12.5-13.0 060719

Tgt Ion:168 Resp: 206655

Ion Ratio Lower Upper

168 100

99 63.3 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

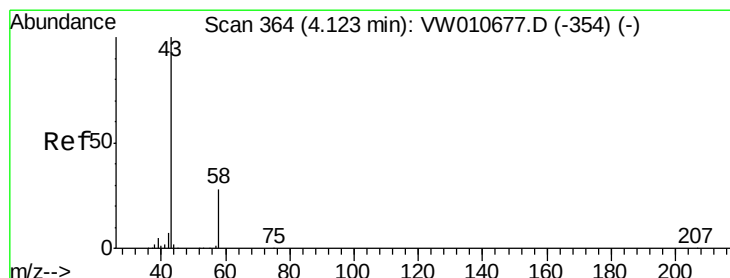
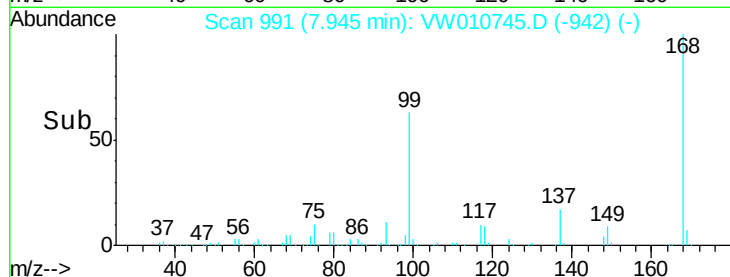
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 4.119 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010745.D

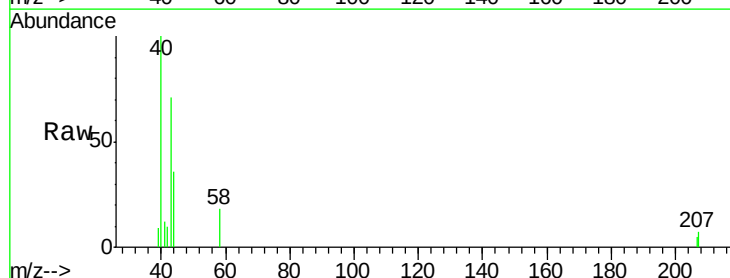
Acq: 10 Jun 2019 15:13

Tgt Ion: 43 Resp: 2688

Ion Ratio Lower Upper

43 100

58 27.0 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

1000

800

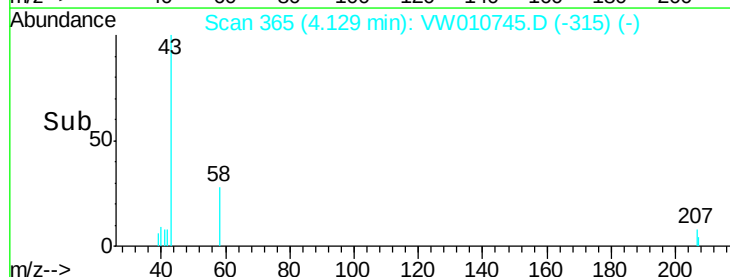
600

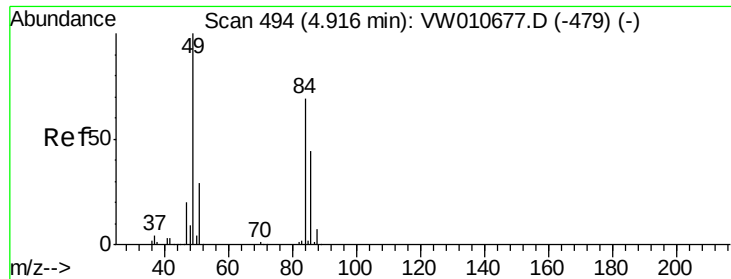
400

200

0

Time--> 4.00 4.10 4.20

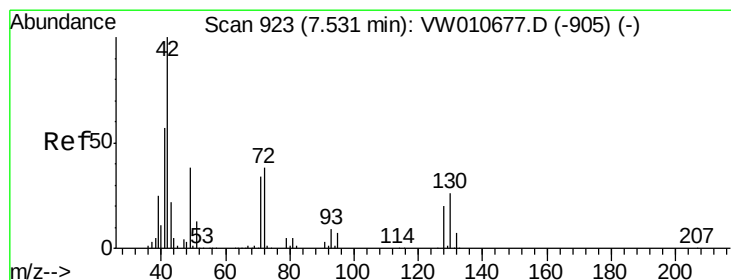
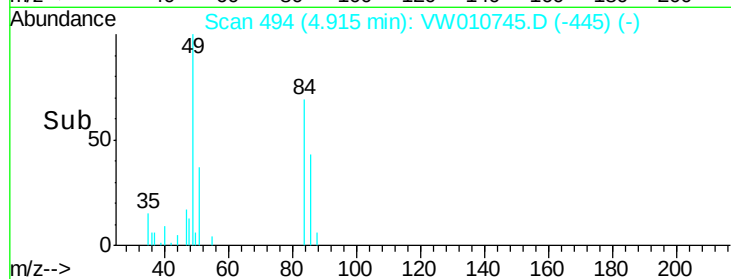
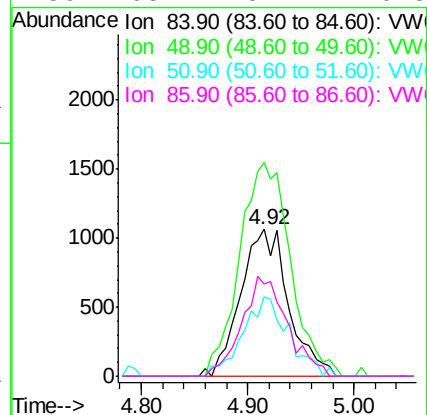
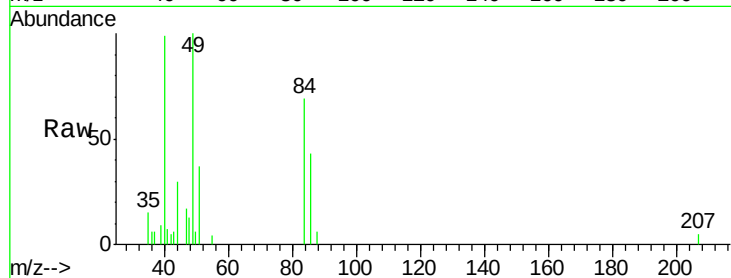




#20
Methylene Chloride
Concen: 1.461 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW010745.D
Acq: 10 Jun 2019 15:13

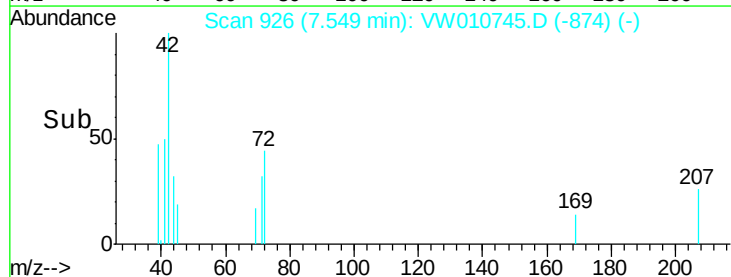
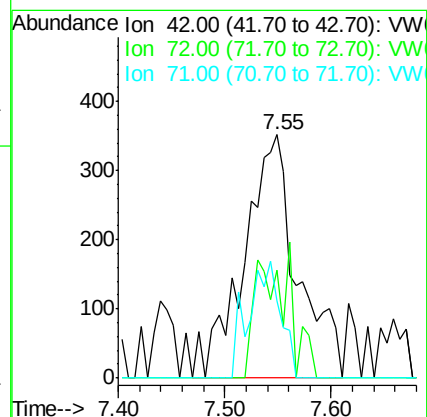
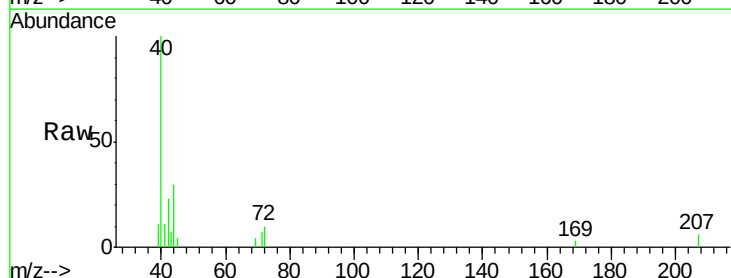
Instrument :
MSVOA_W
ClientSampleId :
SB-6_12.5-13.0_060719

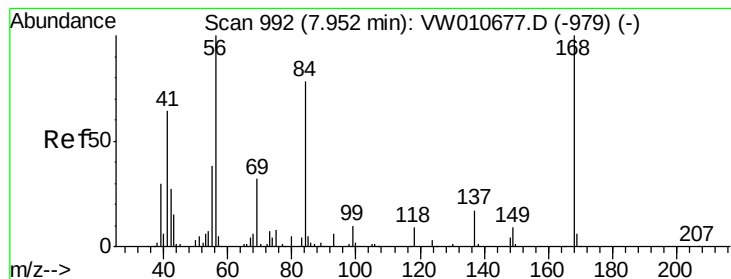
Tgt Ion: 84 Resp: 3345
Ion Ratio Lower Upper
84 100
49 145.3 116.7 175.1
51 54.3 34.2 51.2#
86 63.2 51.2 76.8



#29
Tetrahydrofuran
Concen: 2.175 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.02 min
Lab File: VW010745.D
Acq: 10 Jun 2019 15:13

Tgt Ion: 42 Resp: 1238
Ion Ratio Lower Upper
42 100
72 15.6 28.7 43.1#
71 28.9 26.6 39.8





#31

Cyclohexane

Concen: 1.089 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010745.D

Acq: 10 Jun 2019 15:13

Instrument :

MSVOA_W

ClientSampleId :

SB-6 12.5-13.0 060719

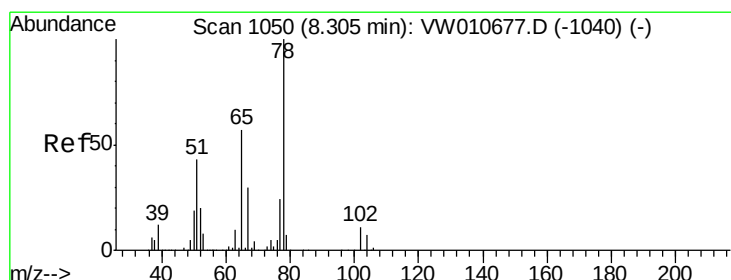
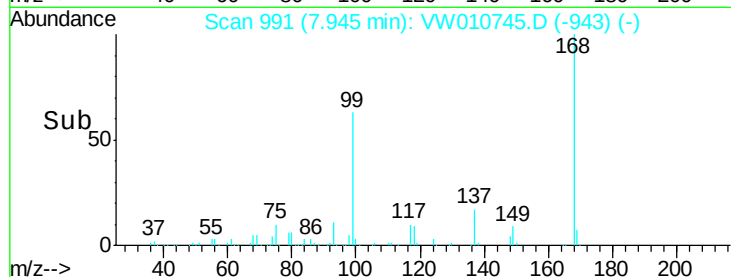
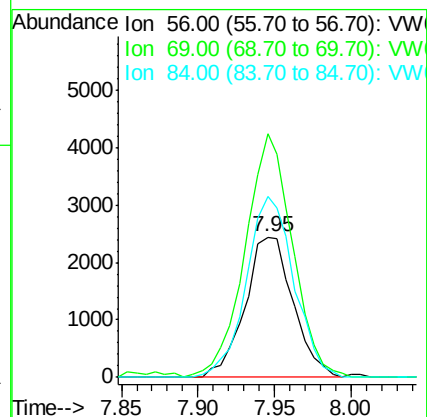
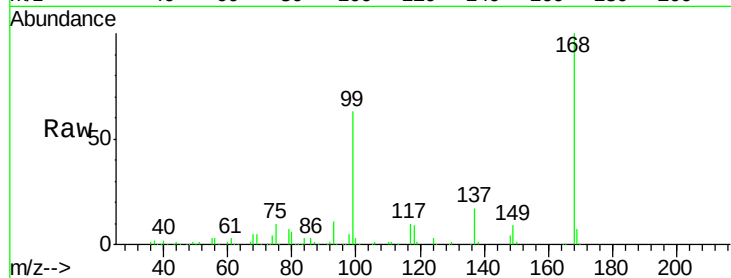
Tgt Ion: 56 Resp: 5353

Ion Ratio Lower Upper

56 100

69 171.6 25.2 37.8#

84 129.5 62.2 93.2#



#33

1,2-Dichloroethane-d4

Concen: 59.831 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010745.D

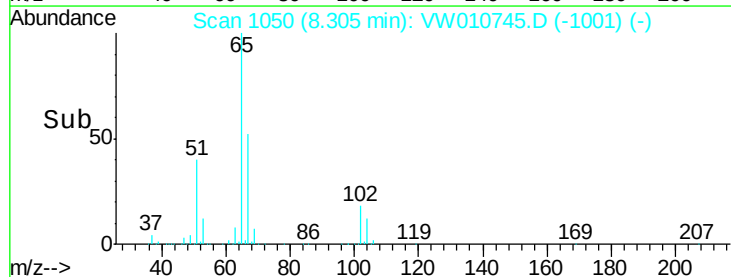
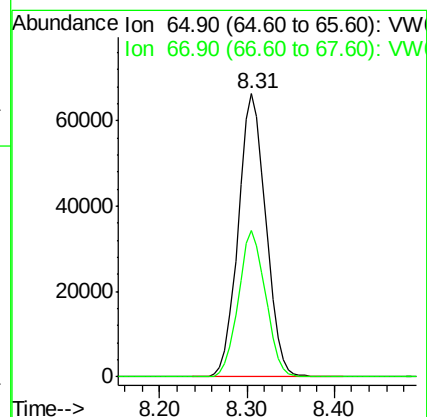
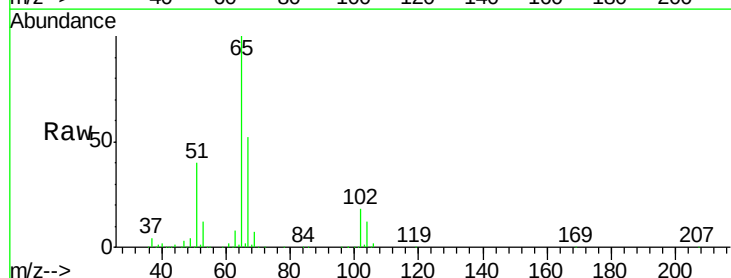
Acq: 10 Jun 2019 15:13

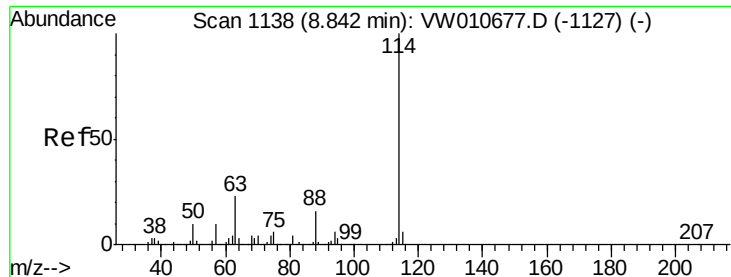
Tgt Ion: 65 Resp: 145735

Ion Ratio Lower Upper

65 100

67 51.0 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: VW010745.D

Acq: 10 Jun 2019 15:13

Instrument :

MSVOA_W

ClientSampleId :

SB-6 12.5-13.0 060719

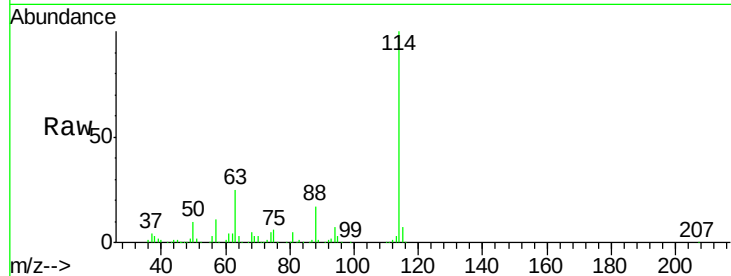
Tgt Ion:114 Resp: 362019

Ion Ratio Lower Upper

114 100

63 25.4 0.0 46.4

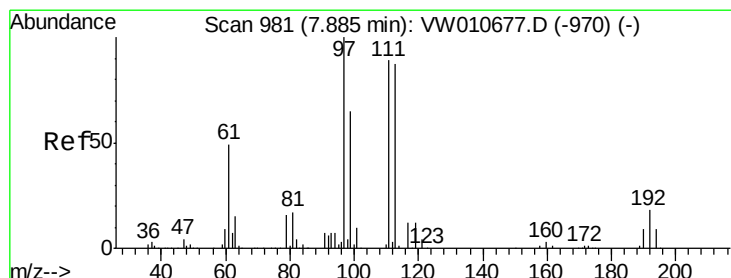
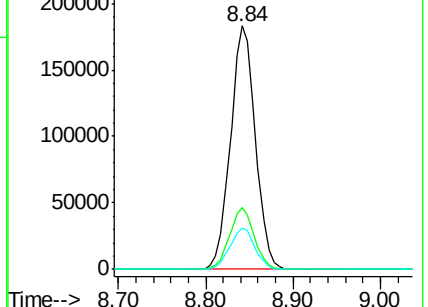
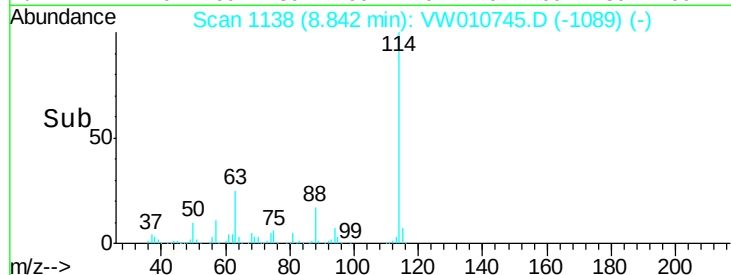
88 17.2 0.0 32.2



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: 55.322 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010745.D

Acq: 10 Jun 2019 15:13

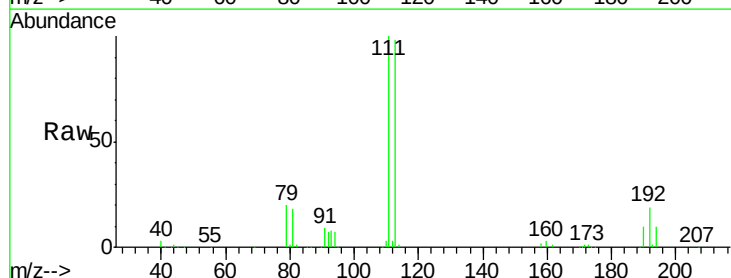
Tgt Ion:113 Resp: 108706

Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

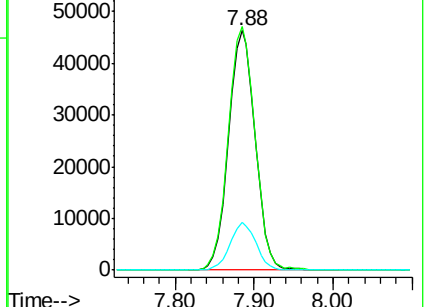
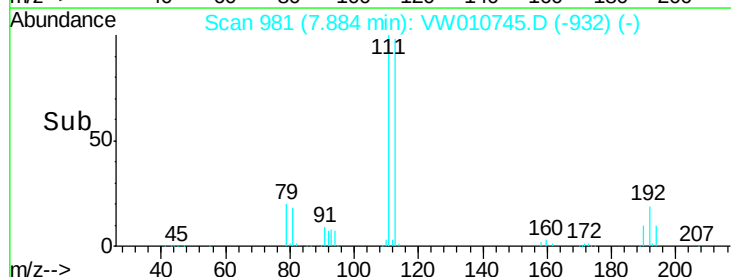
192 19.4 16.4 24.6

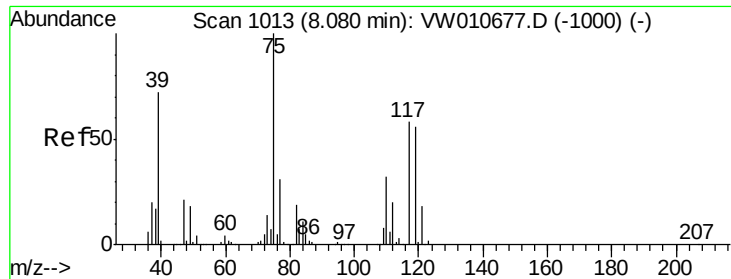


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

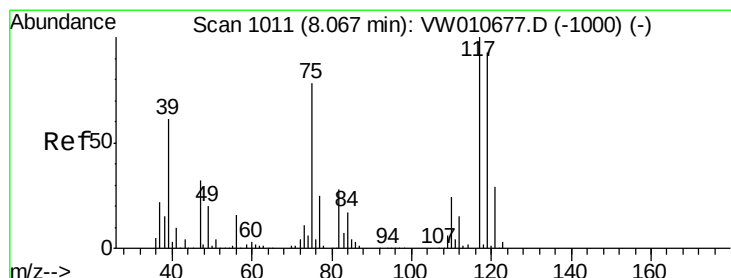
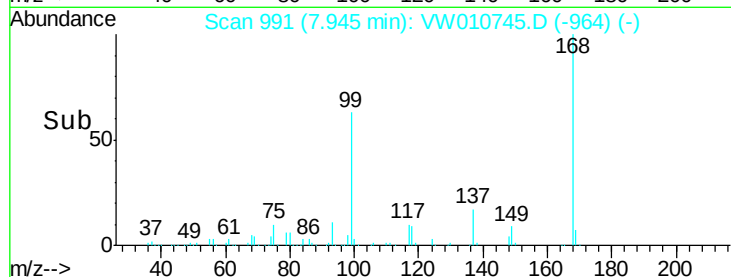
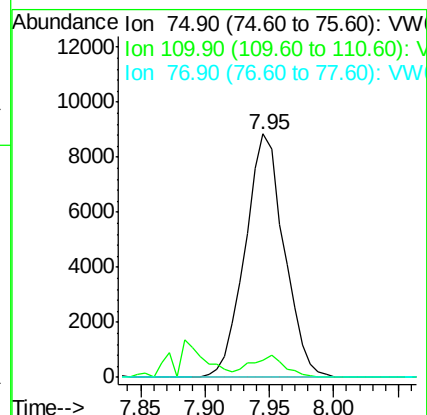
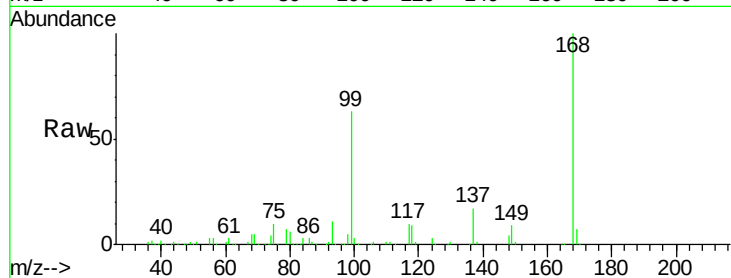




#36
 1,1-Dichloropropene
 Concen: 5.010 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010745.D
 Acq: 10 Jun 2019 15:13

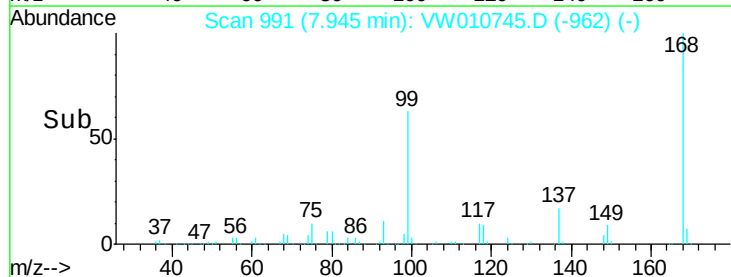
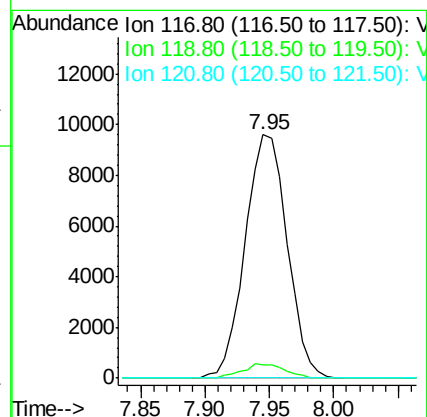
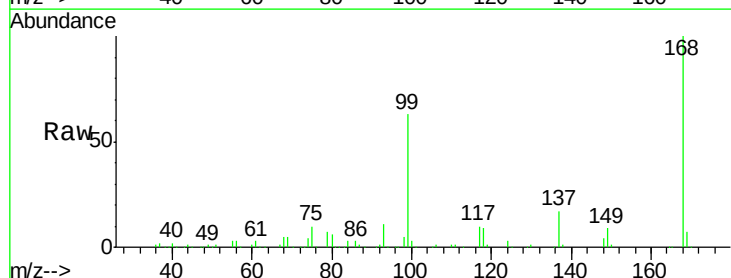
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-6 12.5-13.0 060719

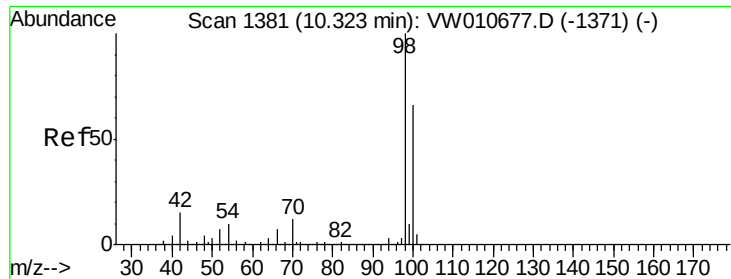
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.0	15.8	47.3#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.774 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW010745.D
 Acq: 10 Jun 2019 15:13

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





#50

Toluene-d8

Concen: 54.891 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010745.D

Acq: 10 Jun 2019 15:13

Instrument :

MSVOA_W

ClientSampleId :

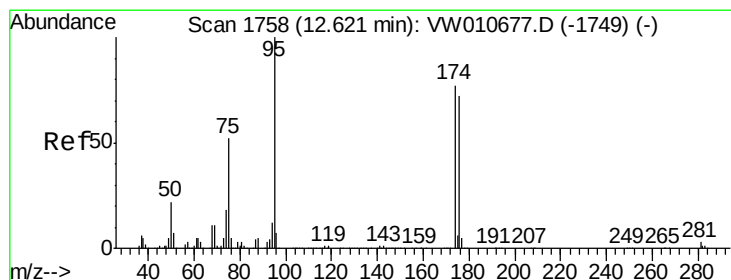
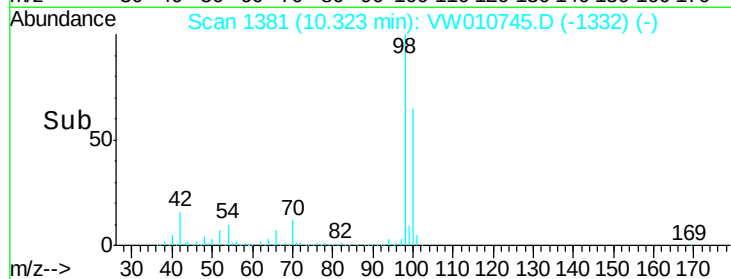
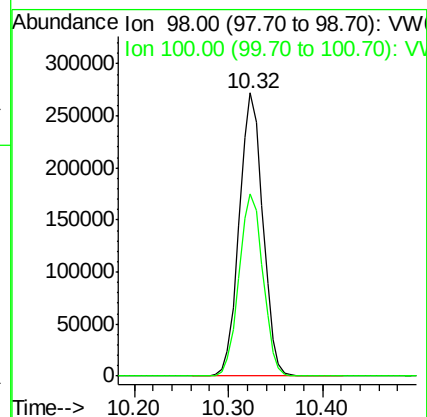
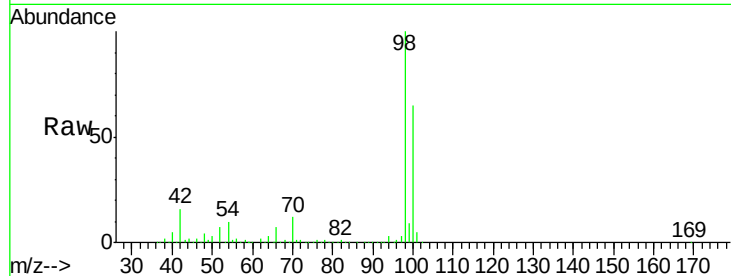
SB-6_12.5-13.0_060719

Tgt Ion: 98 Resp: 472972

Ion Ratio Lower Upper

98 100

100 65.6 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 53.353 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010745.D

Acq: 10 Jun 2019 15:13

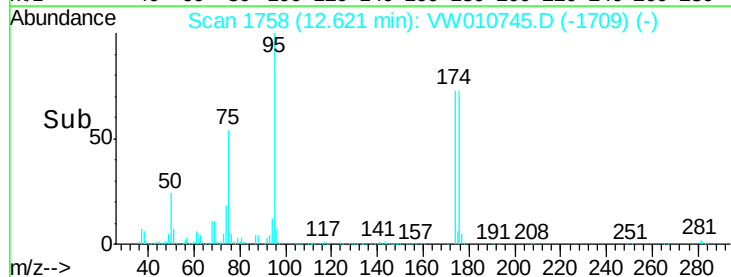
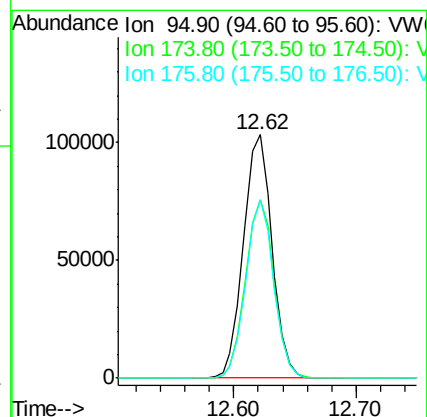
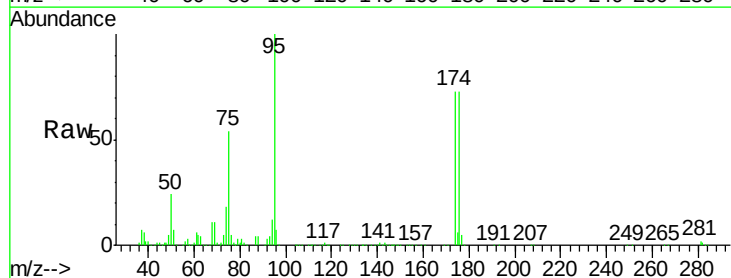
Tgt Ion: 95 Resp: 167287

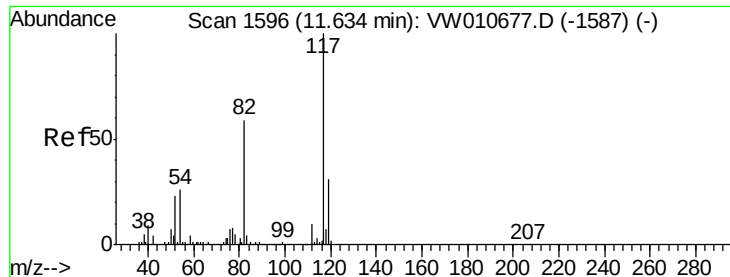
Ion Ratio Lower Upper

95 100

174 73.5 0.0 150.4

176 71.7 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: VW010745.D

Acq: 10 Jun 2019 15:13

Instrument :

MSVOA_W

ClientSampleId :

SB-6 12.5-13.0 060719

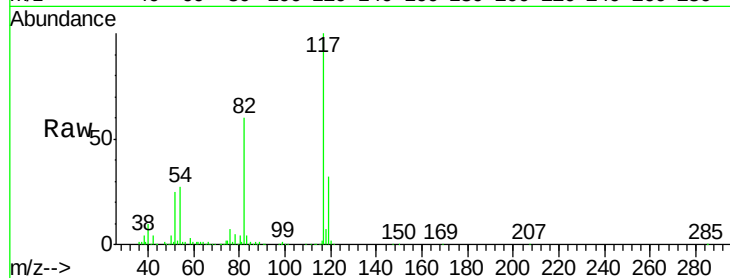
Tgt Ion:117 Resp: 317945

Ion Ratio Lower Upper

117 100

82 60.1 47.0 70.4

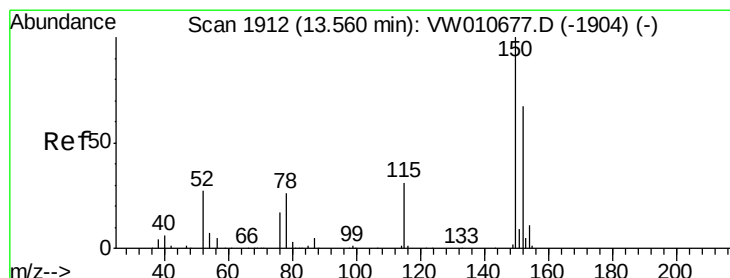
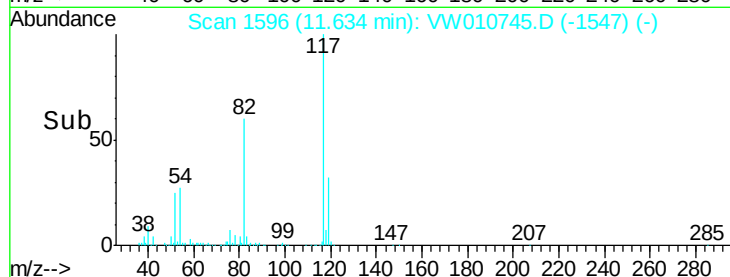
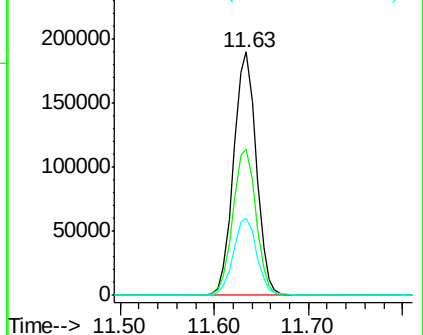
119 31.7 25.1 37.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010745.D

Acq: 10 Jun 2019 15:13

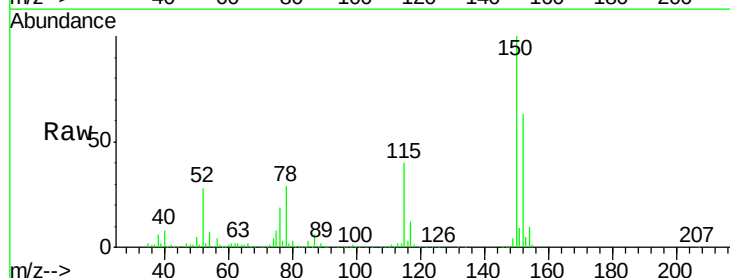
Tgt Ion:152 Resp: 142253

Ion Ratio Lower Upper

152 100

115 60.8 29.8 89.3

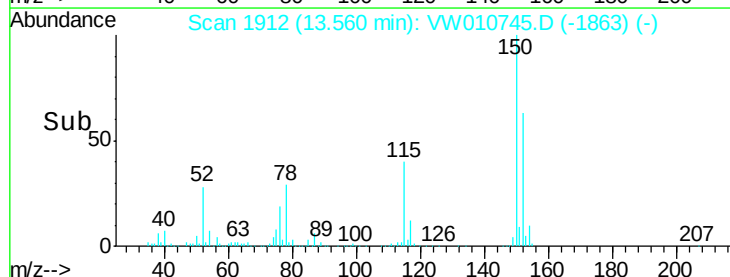
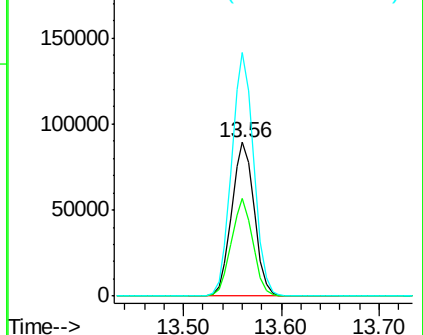
150 156.0 0.0 345.0

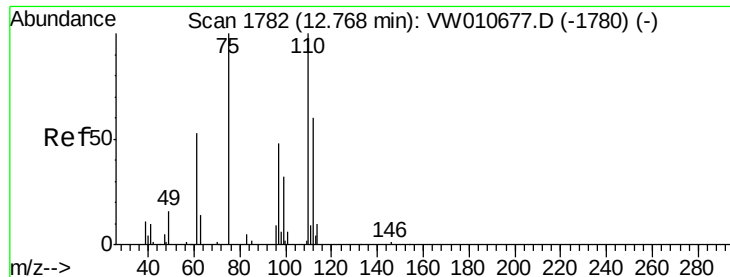


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 60.478 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010745.D

Acq: 10 Jun 2019 15:13

Instrument :

MSVOA_W

ClientSampleId :

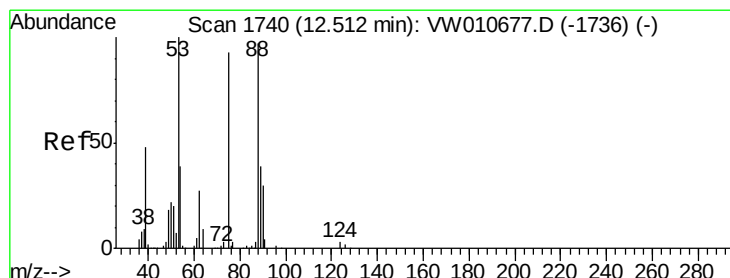
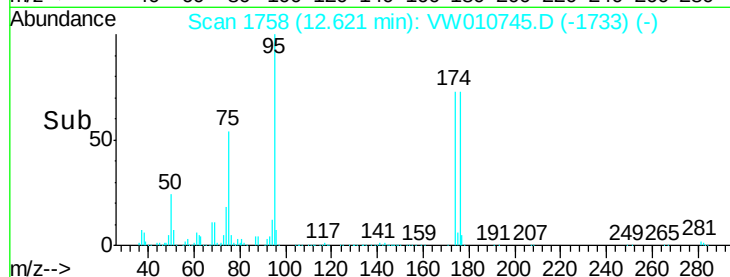
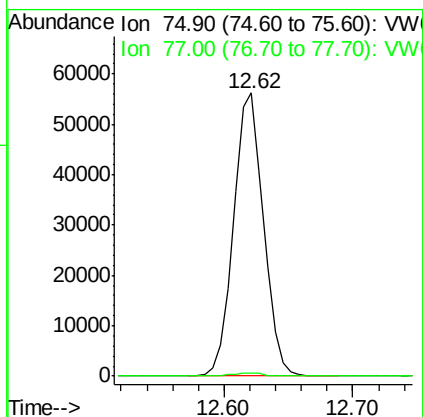
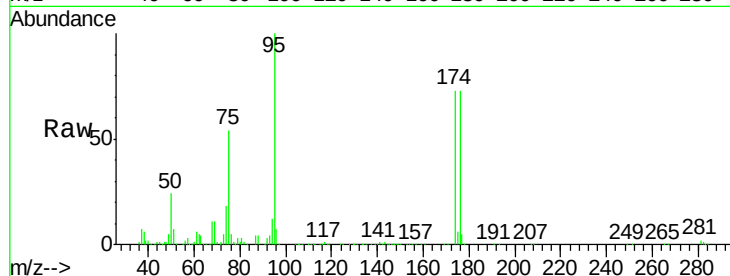
SB-6 12.5-13.0 060719

Tgt Ion: 75 Resp: 90345

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 138.998 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010745.D

Acq: 10 Jun 2019 15:13

Tgt Ion: 75 Resp: 90345

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

89 0.0 34.6 52.0#

