

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061019\
 Data File : VW010750.D
 Acq On : 10 Jun 2019 17:31
 Operator : SY/VA
 Sample : K3273-10
 Misc : 3.85G/5ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-2 9.5-10.0 060719

Quant Time: Jun 11 05:27:20 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

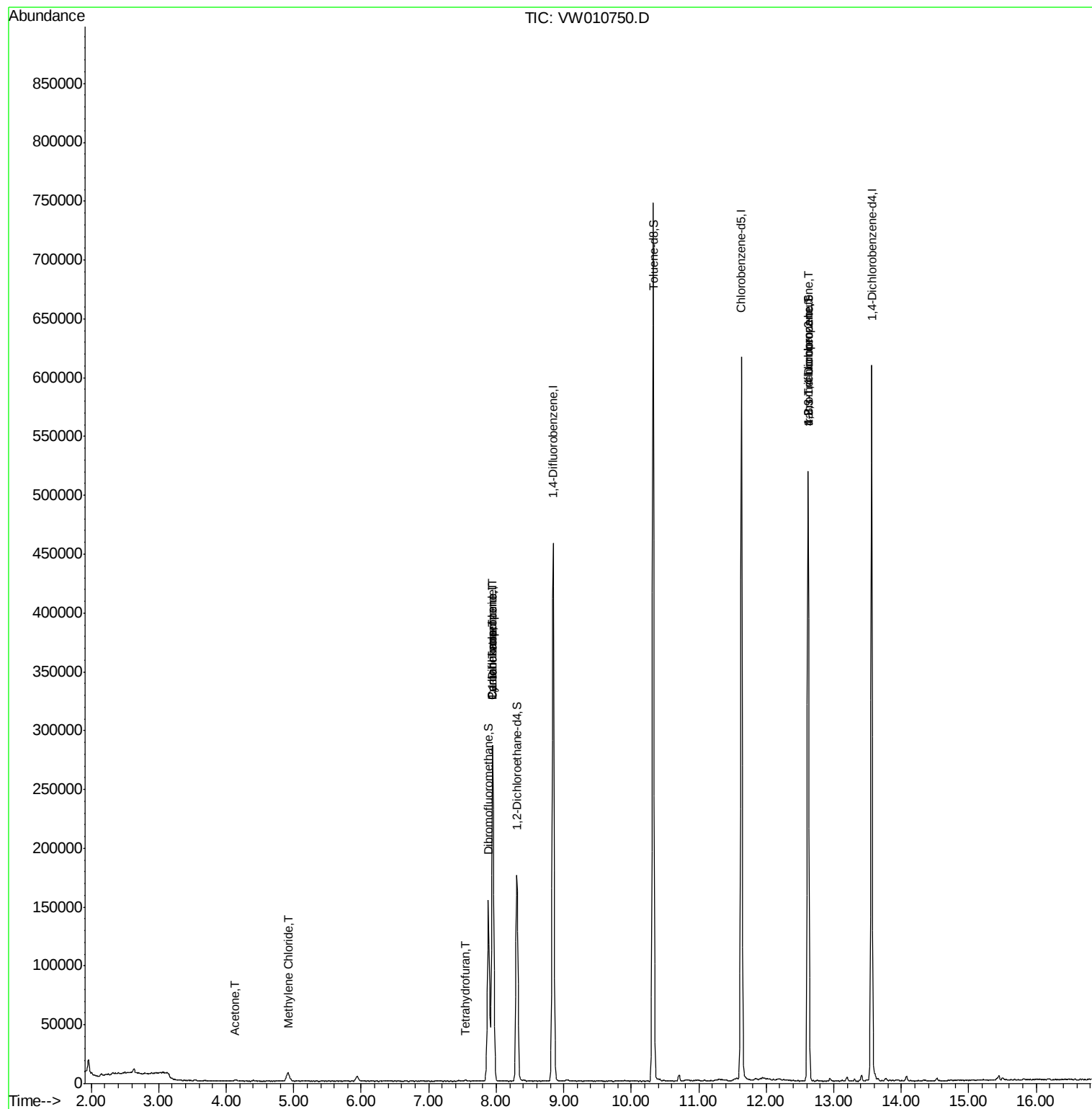
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	207868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	358475	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	317947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	143751	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	140382	57.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.60%	
35) Dibromofluoromethane	7.88	113	108207	55.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.22%	
50) Toluene-d8	10.32	98	472190	55.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.68%	
62) 4-Bromofluorobenzene	12.62	95	167980	54.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.20%	
Target Compounds						
					Qvalue	
16) Acetone	4.13	43	2404	3.662	ug/l	92
20) Methylene Chloride	4.92	84	4857	2.109	ug/l	94
29) Tetrahydrofuran	7.54	42	800	1.397	ug/l #	70
31) Cyclohexane	7.95	56	5348	1.082	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	18298	4.987	ug/l #	51
38) Carbon Tetrachloride	7.95	117	20745	6.549	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	91719	60.758	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	91719	139.642	ug/l #	5

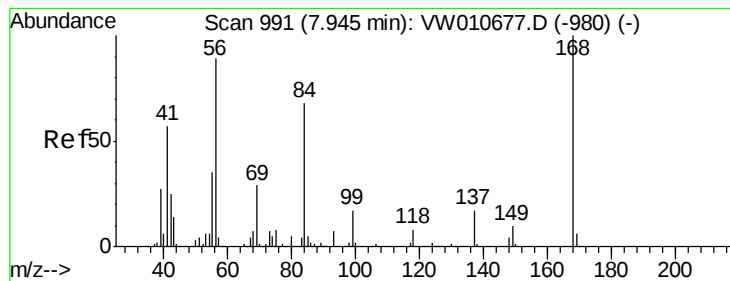
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW061019\
Data File : VW010750.D
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SB-2_9.5-10.0_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: VW010750.D

Acq: 10 Jun 2019 17:31

Instrument :

MSVOA_W

ClientSampleId :

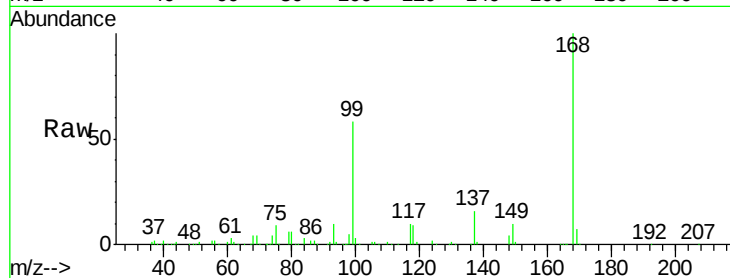
SB-2 9.5-10.0 060719

Tgt Ion:168 Resp: 207868

Ion Ratio Lower Upper

168 100

99 57.9 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

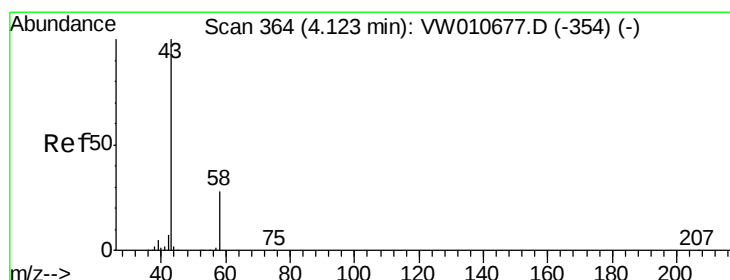
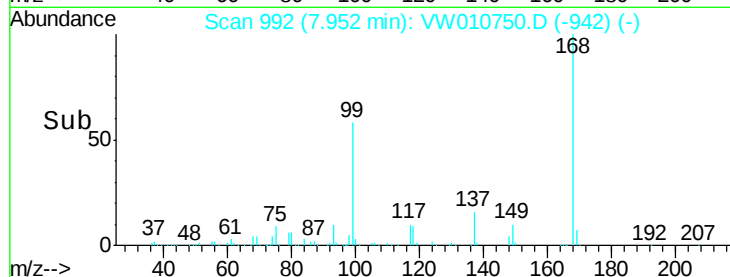
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 3.662 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010750.D

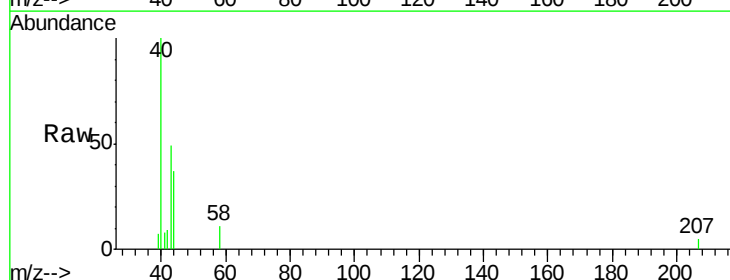
Acq: 10 Jun 2019 17:31

Tgt Ion: 43 Resp: 2404

Ion Ratio Lower Upper

43 100

58 23.4 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

800

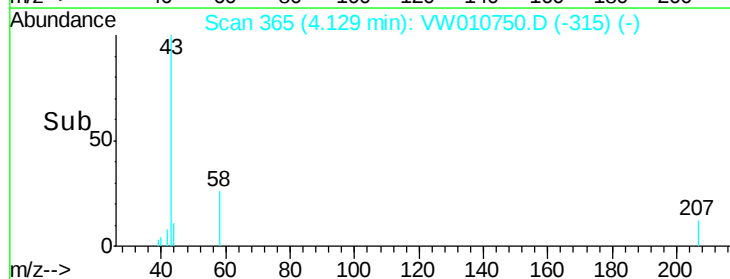
600

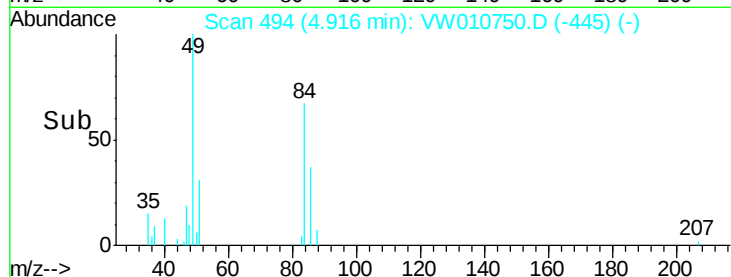
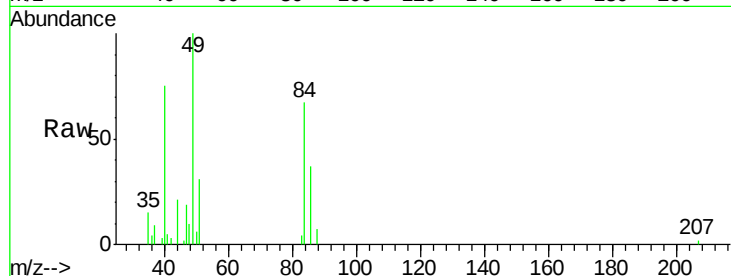
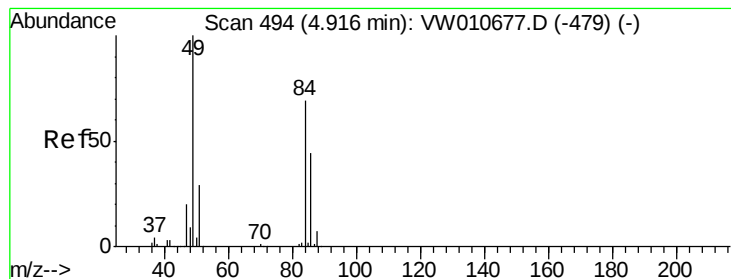
400

200

0

Time-->





#20

Methylene Chloride

Concen: 2.109 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW010750.D

Acq: 10 Jun 2019 17:31

Instrument :

MSVOA_W

ClientSampleId :

SB-2 9.5-10.0 060719

Tgt Ion: 84 Resp: 4857

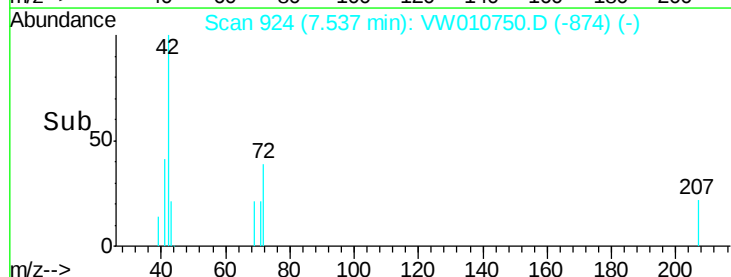
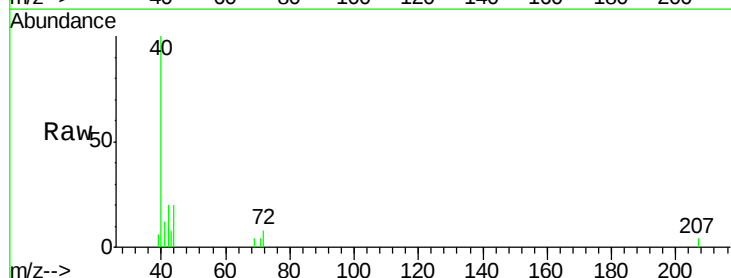
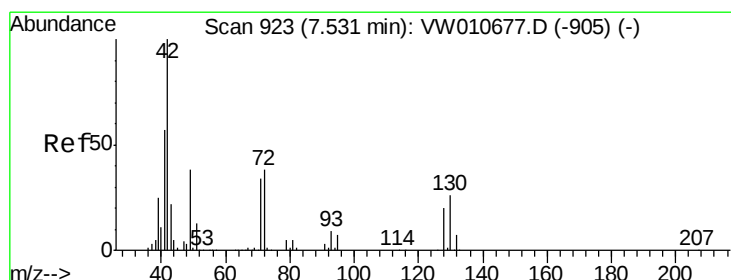
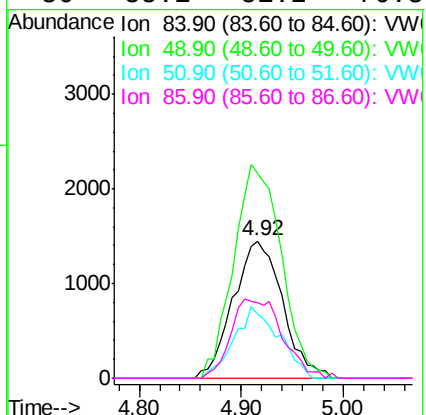
Ion Ratio Lower Upper

84 100

49 149.3 116.7 175.1

51 47.0 34.2 51.2

86 55.1 51.2 76.8



#29

Tetrahydrofuran

Concen: 1.397 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW010750.D

Acq: 10 Jun 2019 17:31

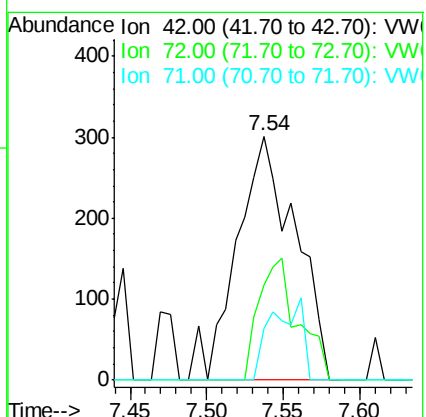
Tgt Ion: 42 Resp: 800

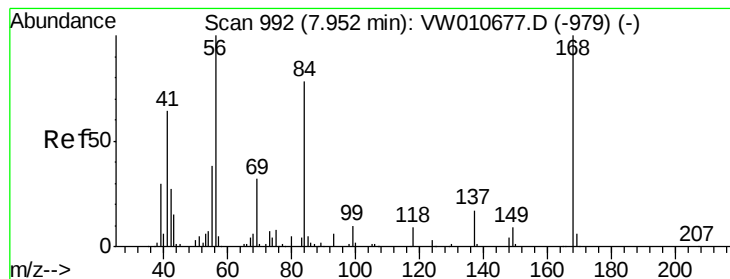
Ion Ratio Lower Upper

42 100

72 33.5 28.7 43.1

71 0.0 26.6 39.8#





#31

Cyclohexane

Concen: 1.082 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW010750.D

Acq: 10 Jun 2019 17:31

Instrument :

MSVOA_W

ClientSampleId :

SB-2 9.5-10.0 060719

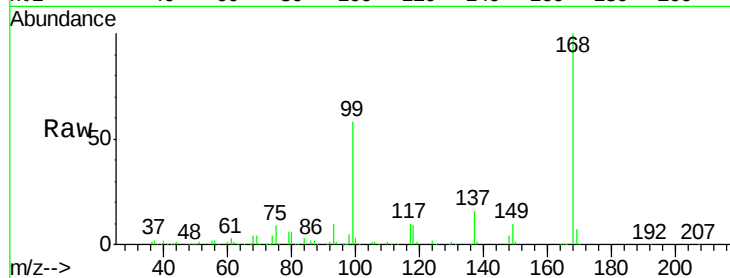
Tgt Ion: 56 Resp: 5348

Ion Ratio Lower Upper

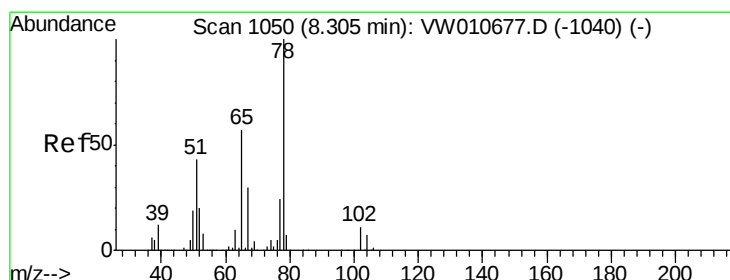
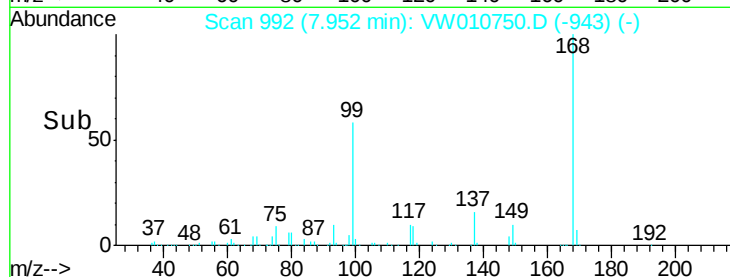
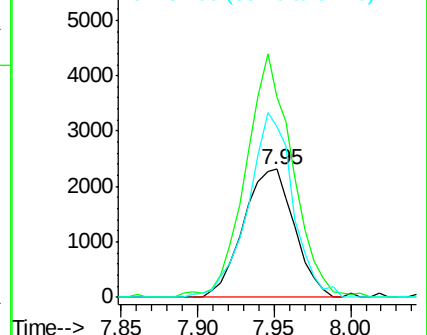
56 100

69 152.7 25.2 37.8#

84 133.5 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: 57.297 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW010750.D

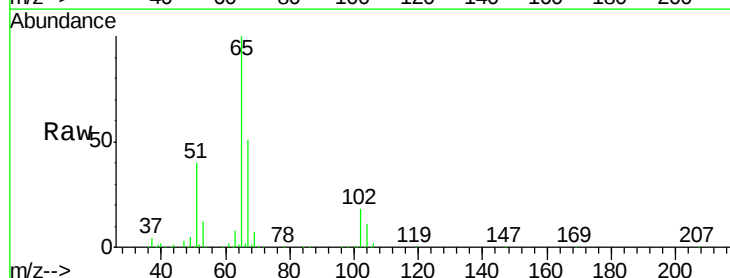
Acq: 10 Jun 2019 17:31

Tgt Ion: 65 Resp: 140382

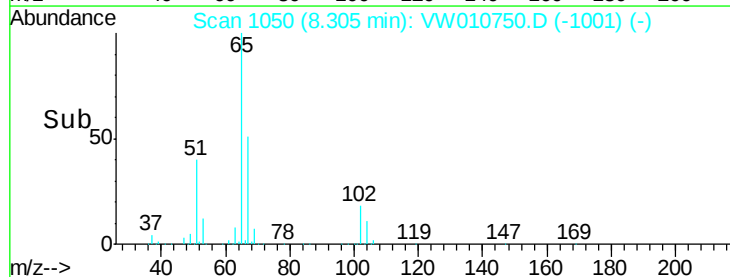
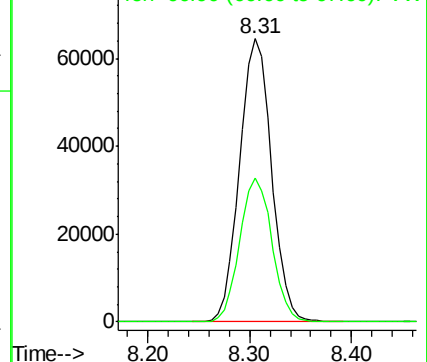
Ion Ratio Lower Upper

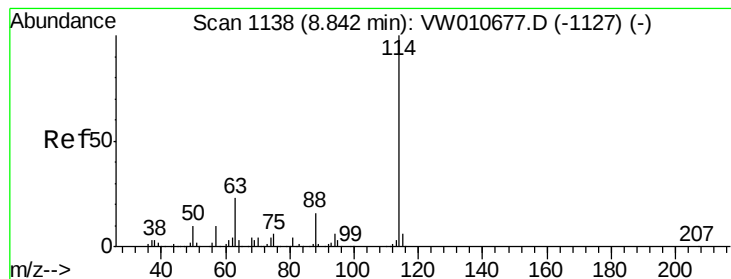
65 100

67 51.3 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: VW010750.D

Acq: 10 Jun 2019 17:31

Instrument :

MSVOA_W

ClientSampleId :

SB-2 9.5-10.0 060719

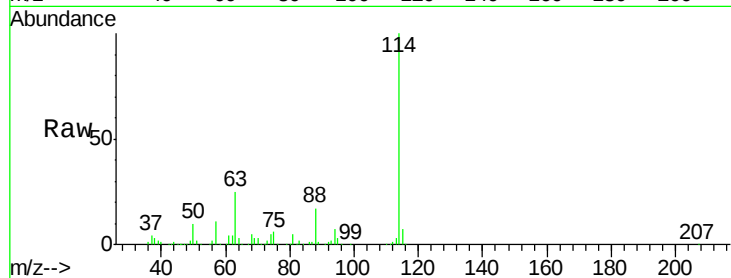
Tgt Ion:114 Resp: 358475

Ion Ratio Lower Upper

114 100

63 25.3 0.0 46.4

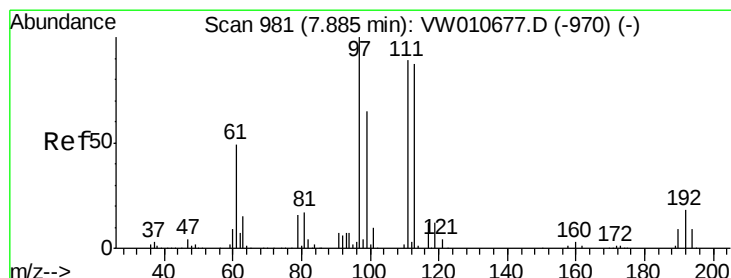
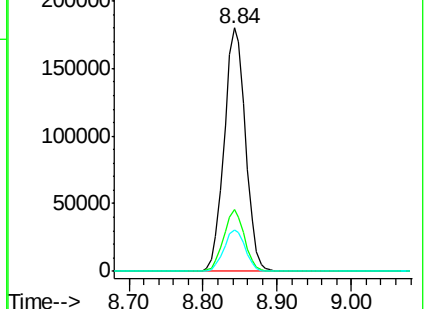
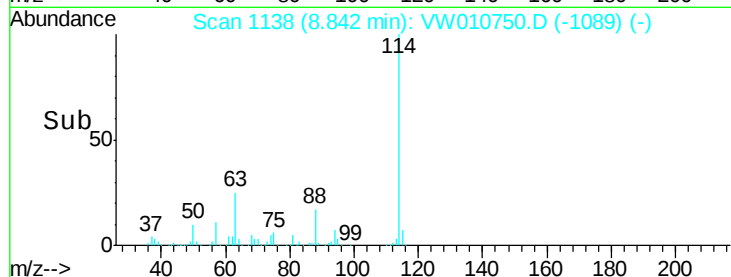
88 16.9 0.0 32.2



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: 55.613 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW010750.D

Acq: 10 Jun 2019 17:31

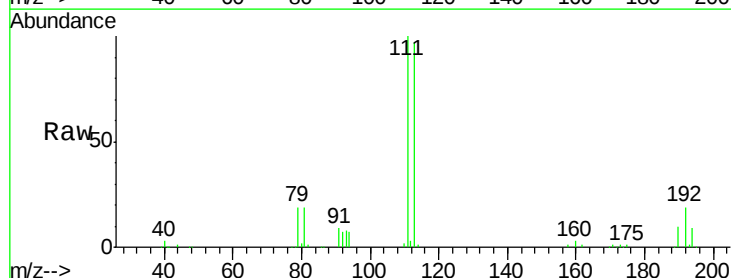
Tgt Ion:113 Resp: 108207

Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

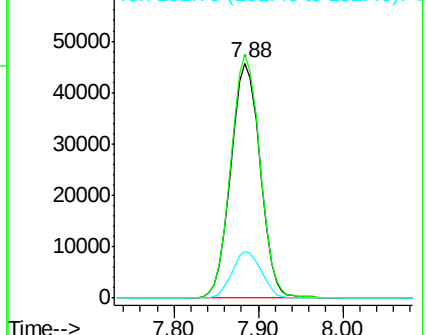
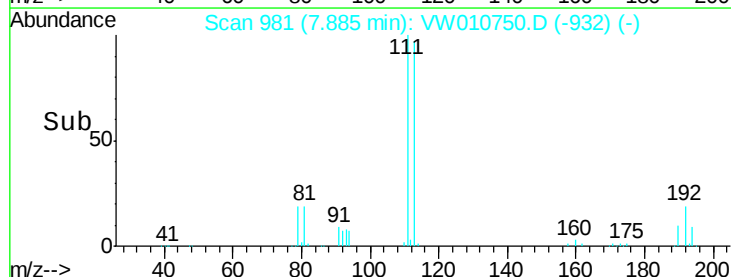
192 19.9 16.4 24.6

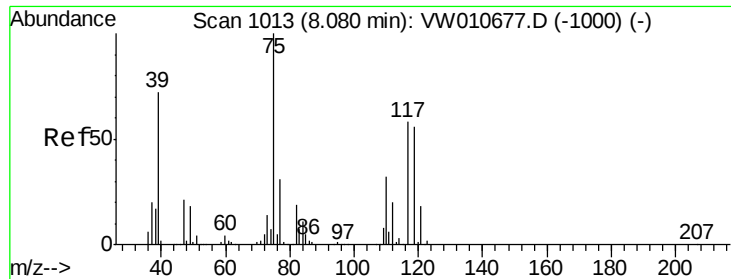


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

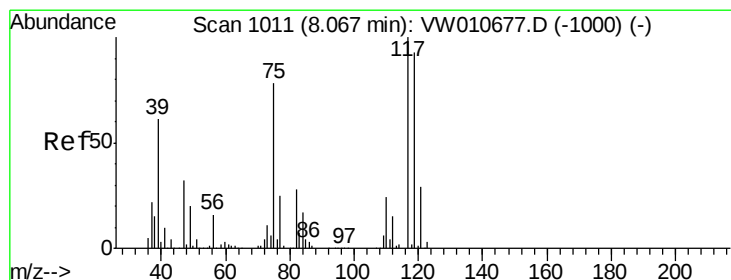
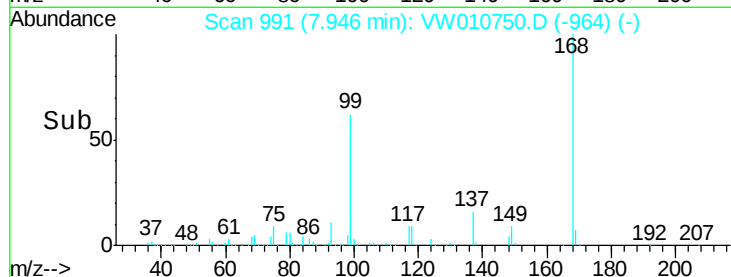
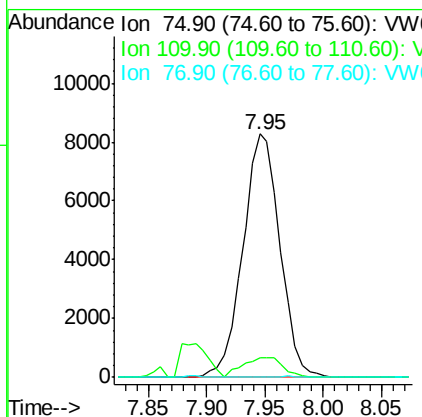
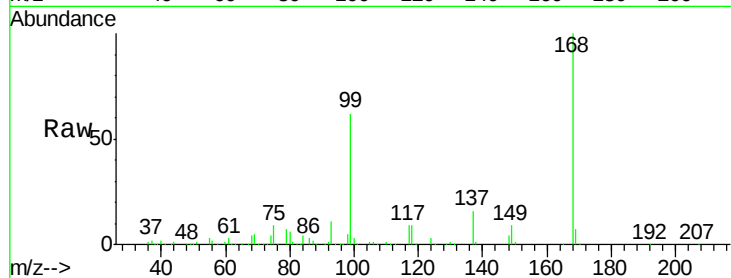




#36
 1,1-Dichloropropene
 Concen: 4.987 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010750.D
 Acq: 10 Jun 2019 17:31

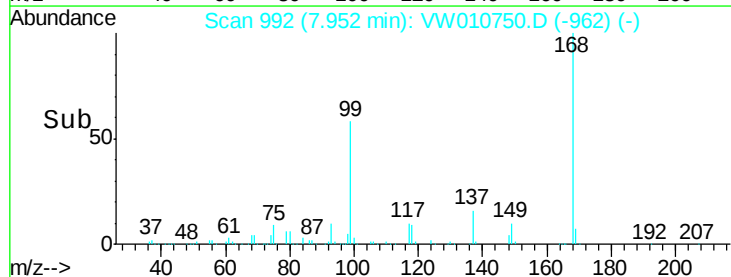
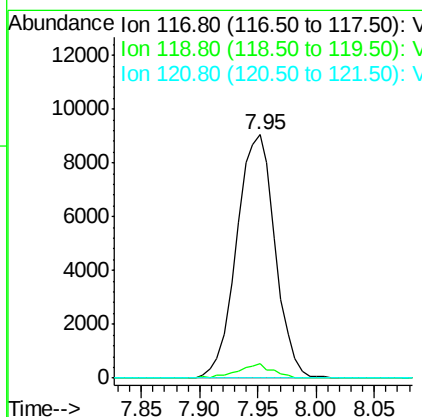
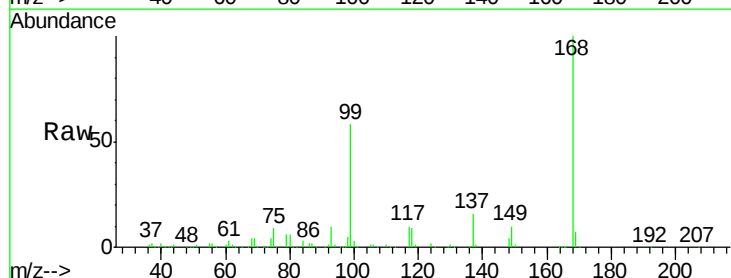
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-2 9.5-10.0 060719

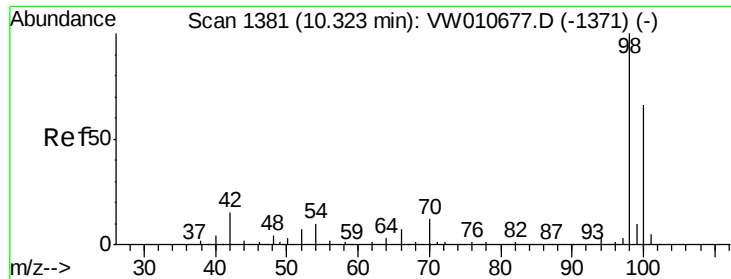
Tgt Ion: 75 Resp: 18298
 Ion Ratio Lower Upper
 75 100
 110 8.9 15.8 47.3#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.549 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW010750.D
 Acq: 10 Jun 2019 17:31

Tgt Ion: 117 Resp: 20745
 Ion Ratio Lower Upper
 117 100
 119 6.1 74.2 111.4#
 121 0.0 22.9 34.3#





#50

Toluene-d8

Concen: 55.342 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010750.D

Acq: 10 Jun 2019 17:31

Instrument :

MSVOA_W

ClientSampleId :

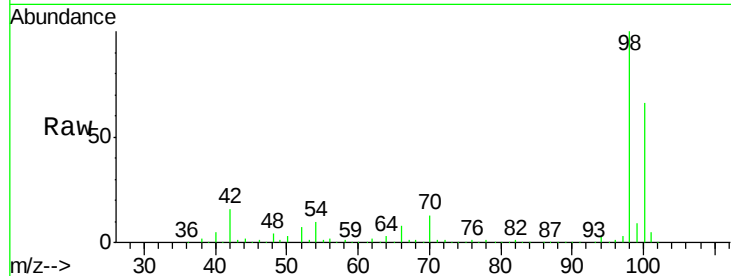
SB-2 9.5-10.0 060719

Tgt Ion: 98 Resp: 472190

Ion Ratio Lower Upper

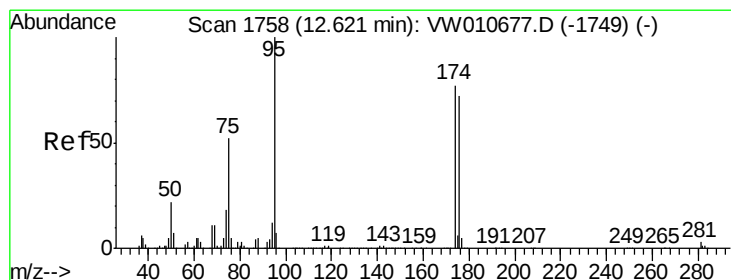
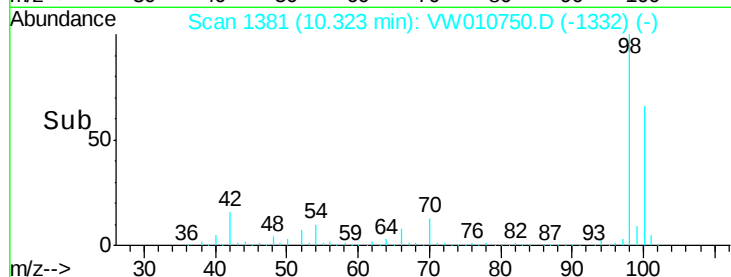
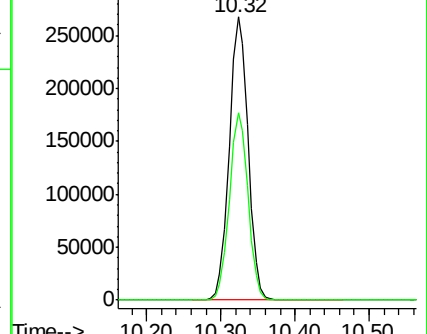
98 100

100 65.5 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 54.104 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010750.D

Acq: 10 Jun 2019 17:31

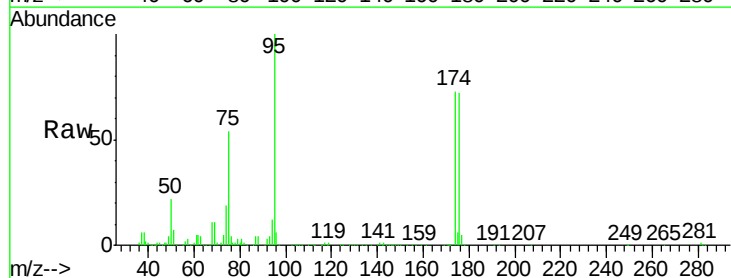
Tgt Ion: 95 Resp: 167980

Ion Ratio Lower Upper

95 100

174 73.5 0.0 150.4

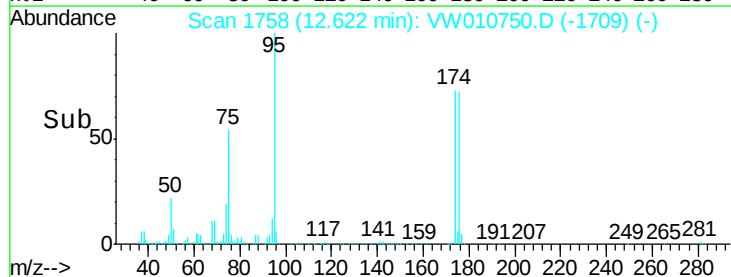
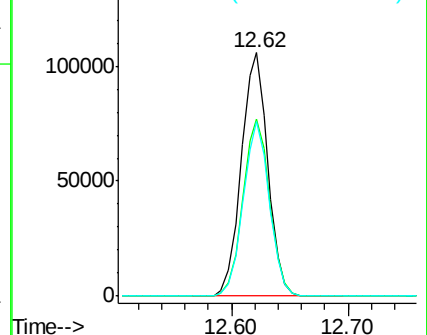
176 70.7 0.0 144.8

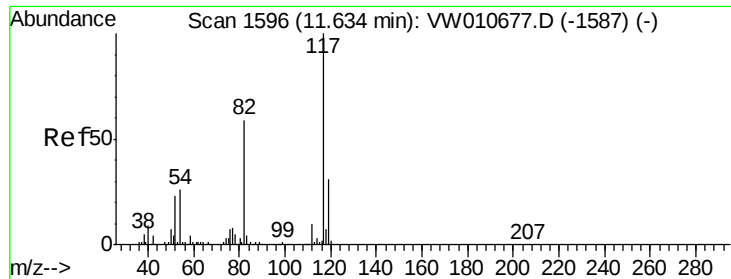


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

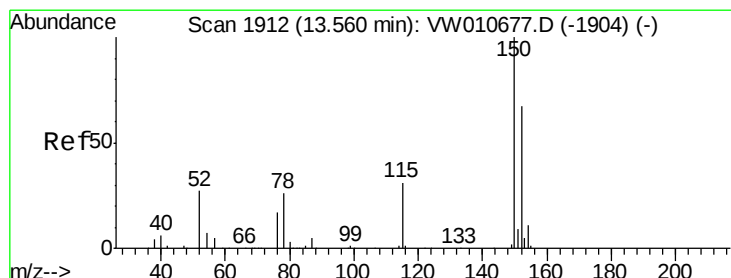
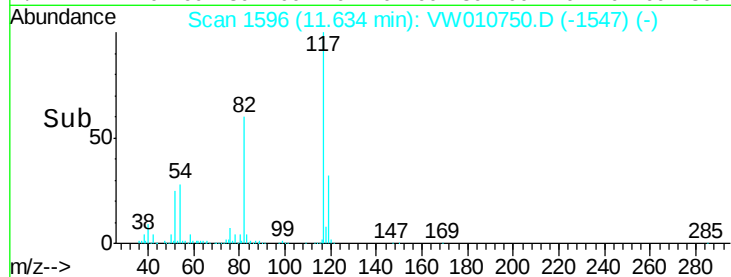
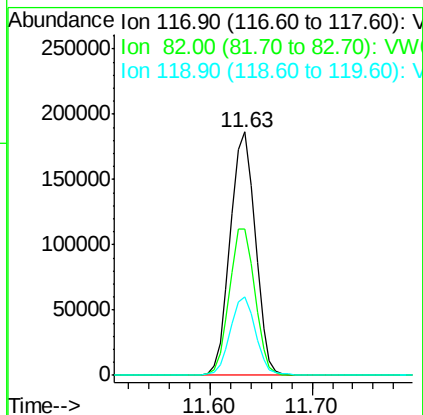
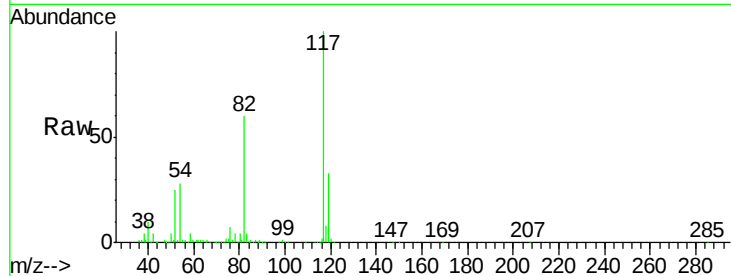




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010750.D
Acq: 10 Jun 2019 17:31

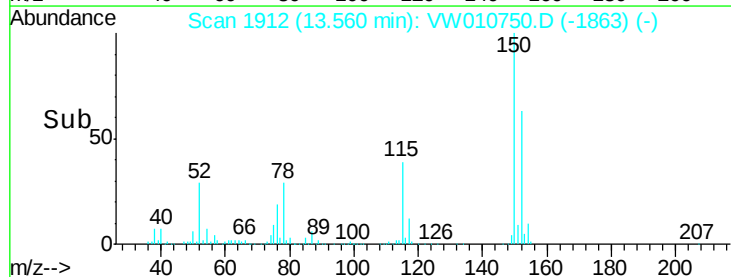
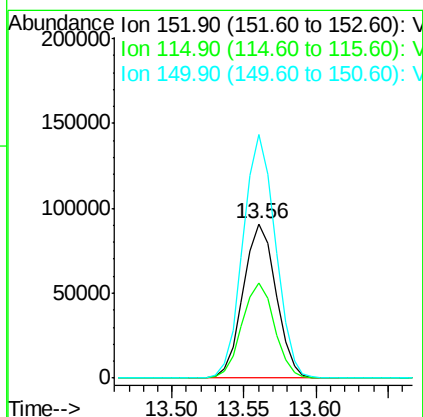
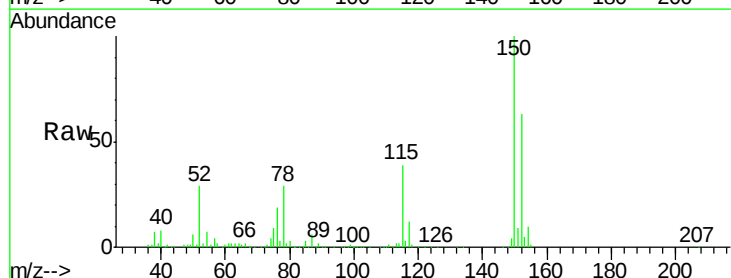
Instrument :
MSVOA_W
ClientSampleId :
SB-2_9.5-10.0_060719

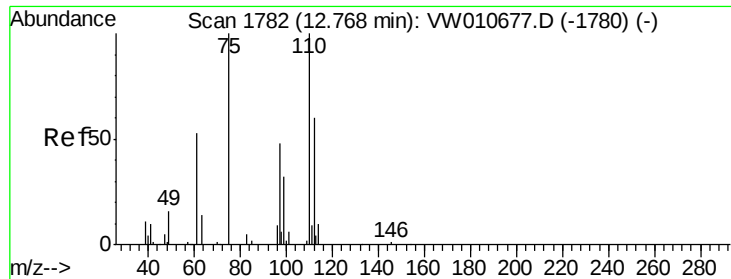
Tgt Ion:117 Resp: 317947
Ion Ratio Lower Upper
117 100
82 60.2 47.0 70.4
119 32.3 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW010750.D
Acq: 10 Jun 2019 17:31

Tgt Ion:152 Resp: 143751
Ion Ratio Lower Upper
152 100
115 61.1 29.8 89.3
150 156.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 60.758 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010750.D

Acq: 10 Jun 2019 17:31

Instrument :

MSVOA_W

ClientSampleId :

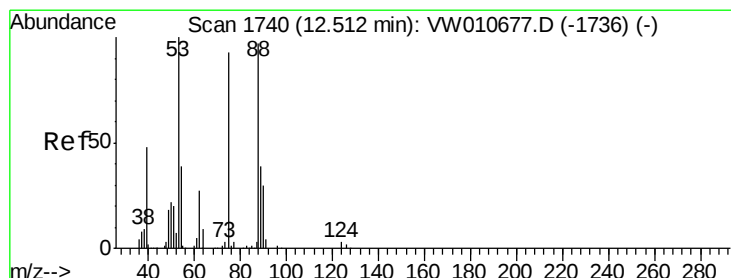
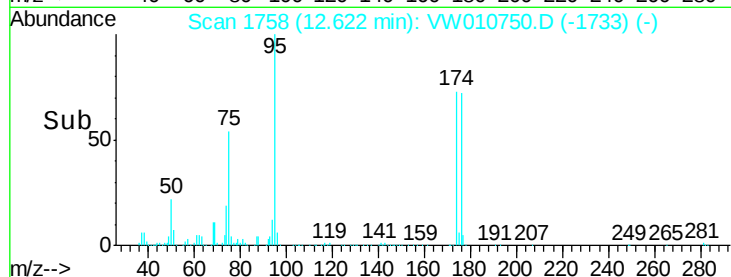
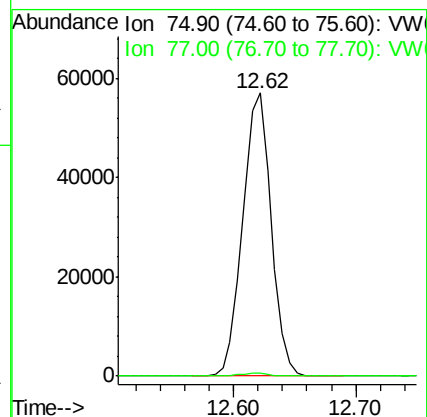
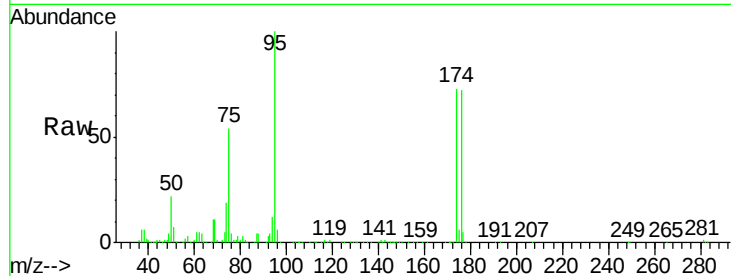
SB-2 9.5-10.0 060719

Tgt Ion: 75 Resp: 91719

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 139.642 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010750.D

Acq: 10 Jun 2019 17:31

Tgt Ion: 75 Resp: 91719

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

89 0.0 34.6 52.0#

