

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006722.D
 Acq On : 07 Nov 2018 08:30
 Operator : SY/AP
 Sample : J5826-11
 Misc : 4.88G/5ML/MSVOA W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-S

Quant Time: Nov 07 11:34:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	249370	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	392664	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	362082	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	181788	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	113395	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	
35) Dibromofluoromethane	7.88	113	115325	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	
50) Toluene-d8	10.32	98	423734	45.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.34%	
62) 4-Bromofluorobenzene	12.62	95	141181	41.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.02%	

Target Compounds

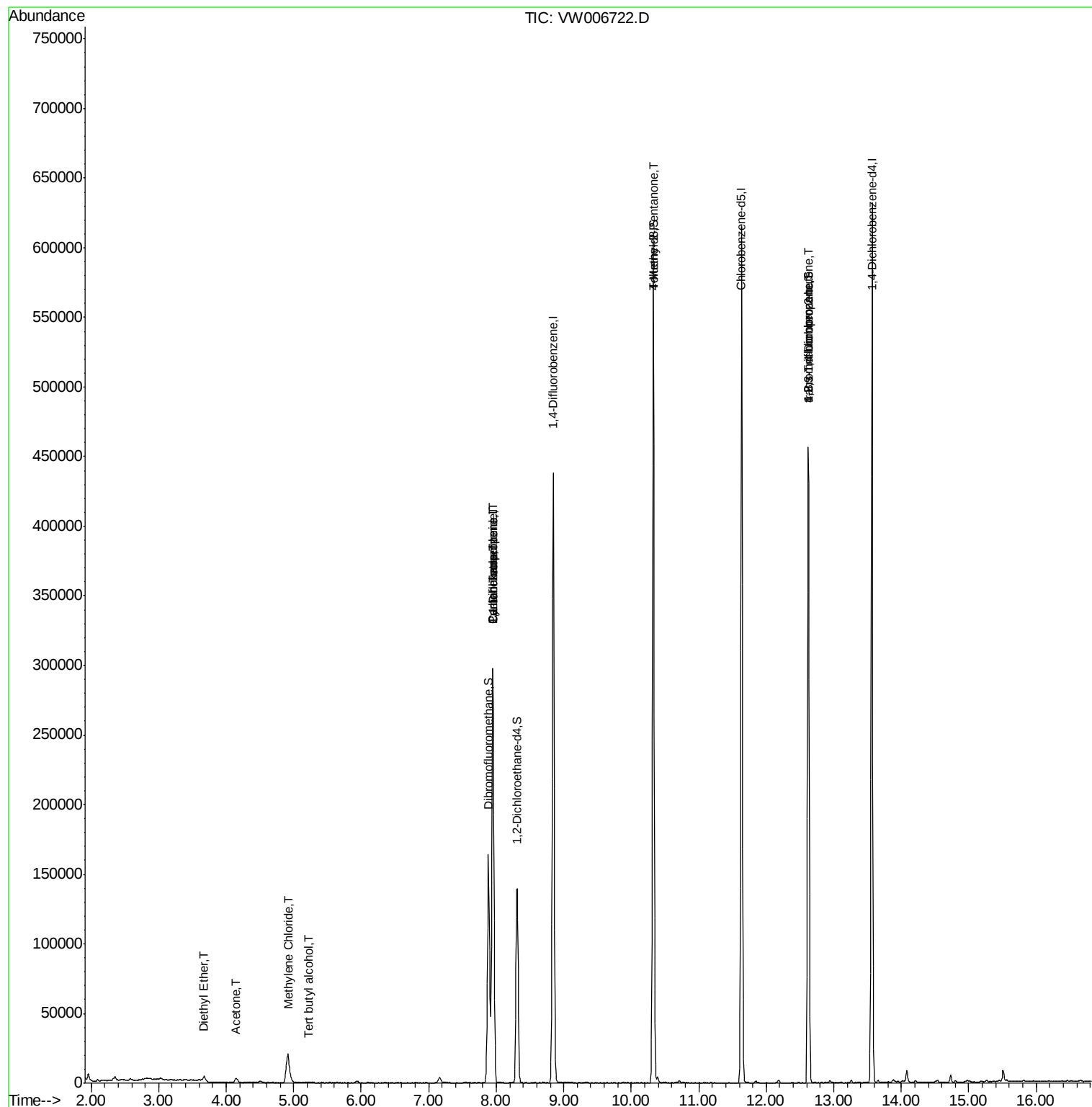
					Qvalue	
8) Diethyl Ether	3.68	74	2103	1.951	ug/l	79
11) Tert butyl alcohol	5.22	59	391	3.385	ug/l #	84
16) Acetone	4.14	43	6089	17.594	ug/l	96
20) Methylene Chloride	4.92	84	19201	2.939	ug/l	92
31) Cyclohexane	7.95	56	4017	1.177	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	15553	4.504	ug/l #	48
38) Carbon Tetrachloride	7.95	117	21503	5.959	ug/l #	16
51) 4-Methyl-2-Pentanone	10.33	43	1623	1.323	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	68774	48.488	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	68774	121.550	ug/l #	11

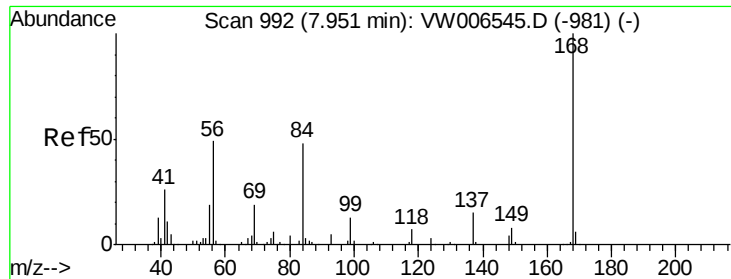
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110618\
Data File : VW006722.D
Acq On : 07 Nov 2018 08:30
Operator : SY/AP
Sample : J5826-11
Misc : 4.88G/5ML/MSVOA W/SOIL
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-S

Quant Time: Nov 07 11:34:54 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006722.D

Acq: 07 Nov 2018 08:30

Instrument :

MSVOA_W

ClientSampleId :

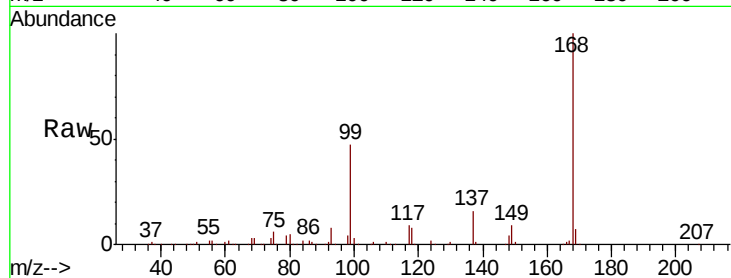
SB-S

Tot Ion:168 Resp: 249370

Ion Ratio Lower Upper

168 100

99 46.9 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

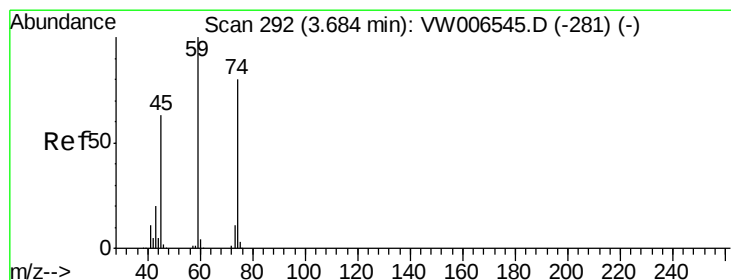
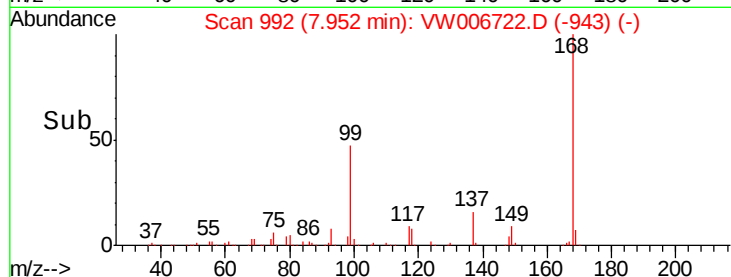
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 1.951 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006722.D

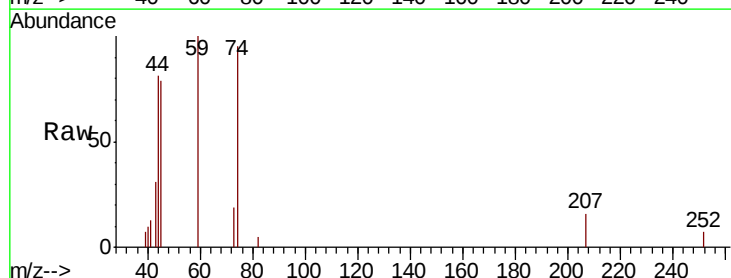
Acq: 07 Nov 2018 08:30

Tgt Ion: 74 Resp: 2103

Ion Ratio Lower Upper

74 100

45 100.8 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

1000

800

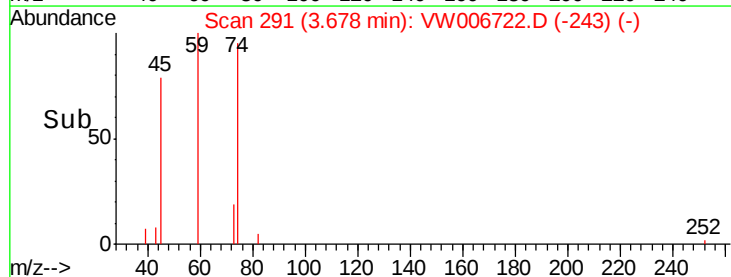
600

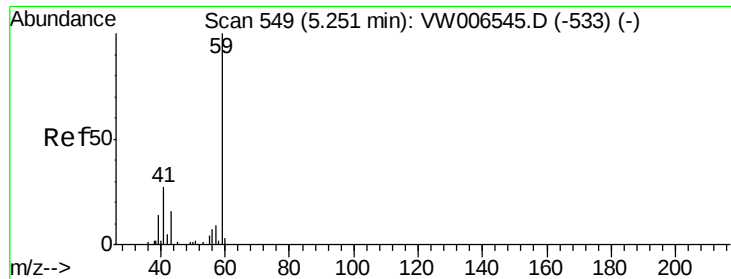
400

200

0

Time--> 3.60 3.65 3.70 3.75



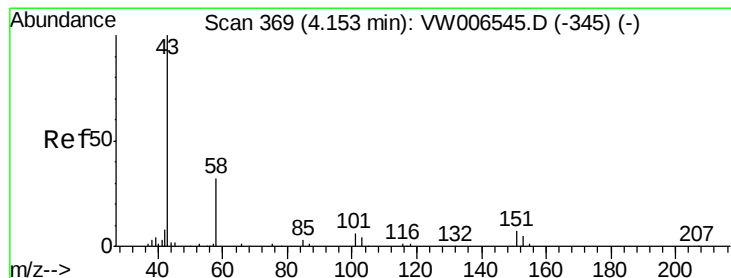
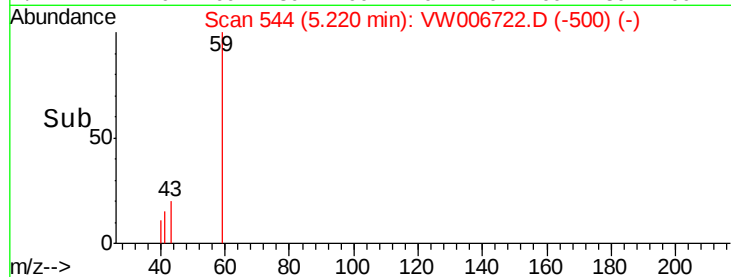
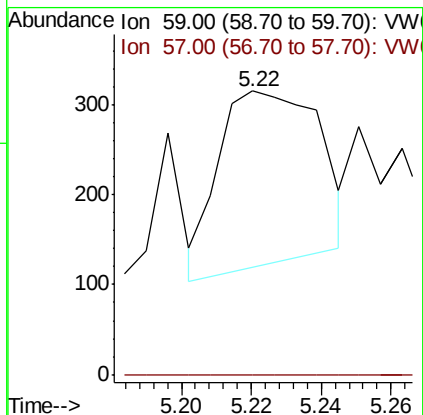
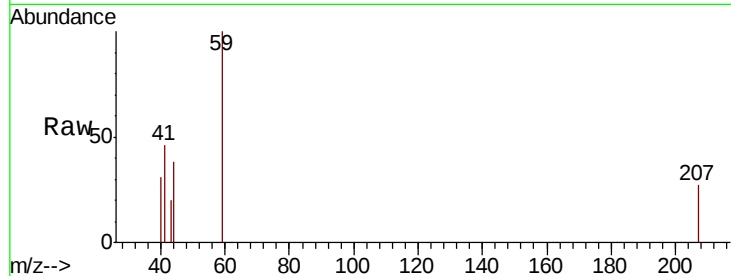


#11

Tert butvl alcohol
 Concen: 3.385 ug/l
 RT: 5.22 min Scan# 544
 Delta R.T. -0.03 min
 Lab File: VW006722.D
 Acq: 07 Nov 2018 08:30

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-S

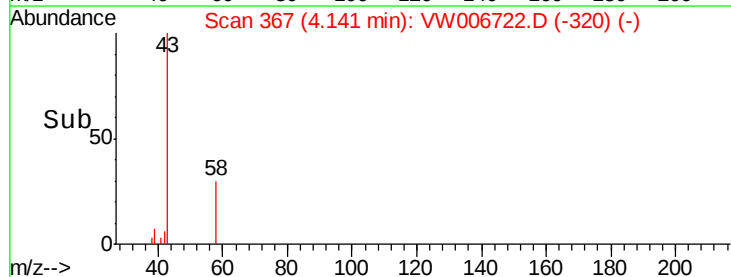
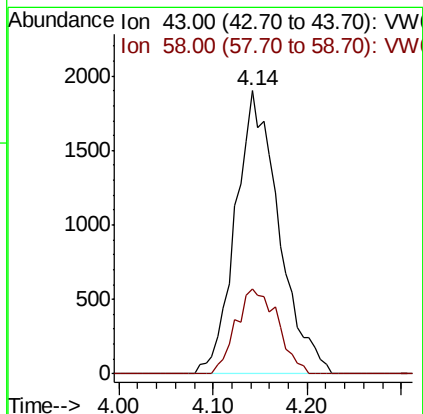
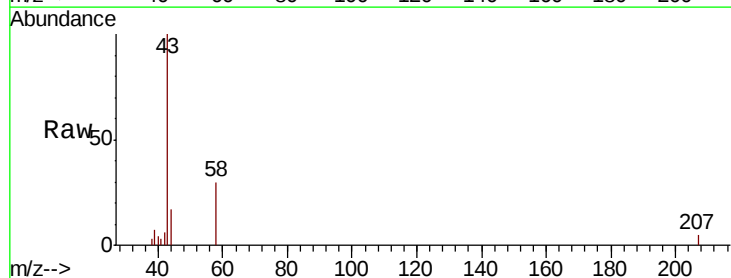
Tot Ion: 59 Resp: 391
 Ion Ratio Lower Upper
 59 100
 57 0.0 4.3 6.5#

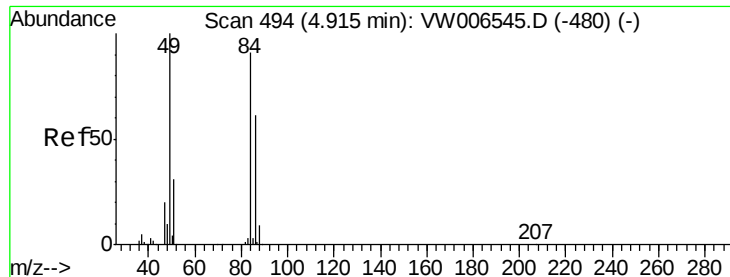


#16

Acetone
 Concen: 17.594 ug/l
 RT: 4.14 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VW006722.D
 Acq: 07 Nov 2018 08:30

Tgt Ion: 43 Resp: 6089
 Ion Ratio Lower Upper
 43 100
 58 30.1 25.8 38.8





#20

Methylene Chloride

Concen: 2.939 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006722.D

Acq: 07 Nov 2018 08:30

Instrument :

MSVOA_W

ClientSampleId :

SB-S

Tot Ion: 84 Resp: 19201

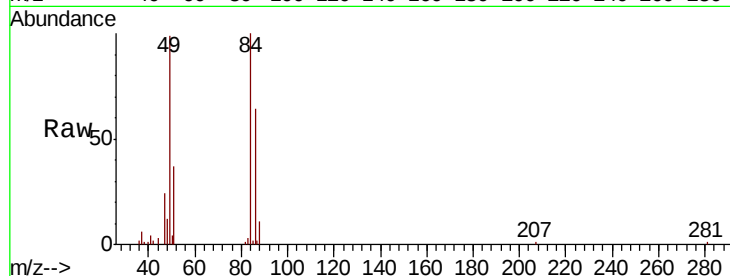
Ion Ratio Lower Upper

84 100

49 98.7 88.2 132.4

51 36.9 27.0 40.6

86 64.4 53.8 80.8

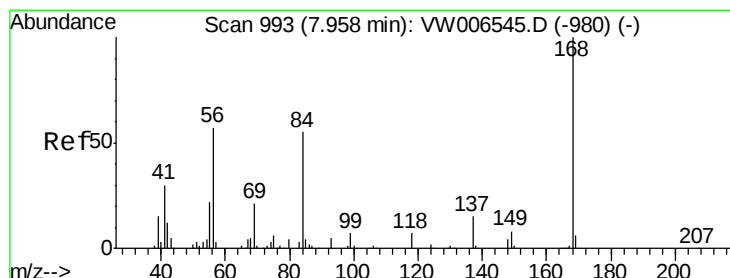
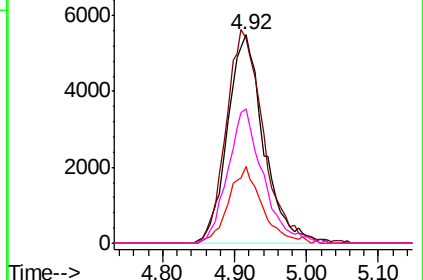
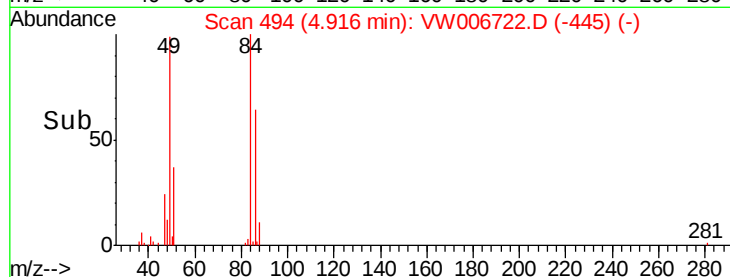


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#31

Cyclohexane

Concen: 1.177 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006722.D

Acq: 07 Nov 2018 08:30

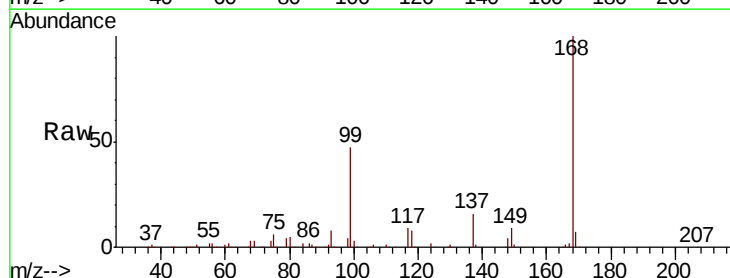
Tgt Ion: 56 Resp: 4017

Ion Ratio Lower Upper

56 100

69 179.4 29.0 43.4#

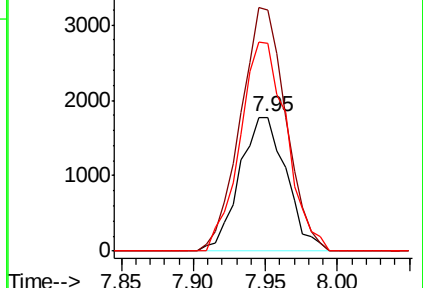
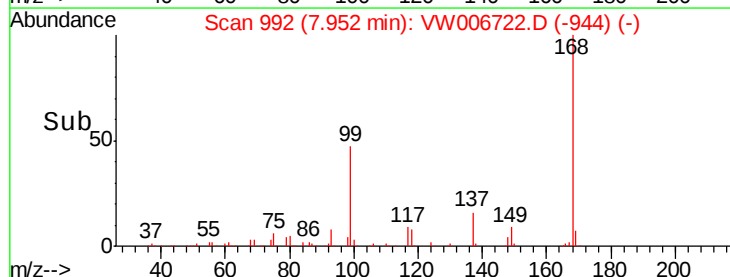
84 154.7 77.8 116.6#

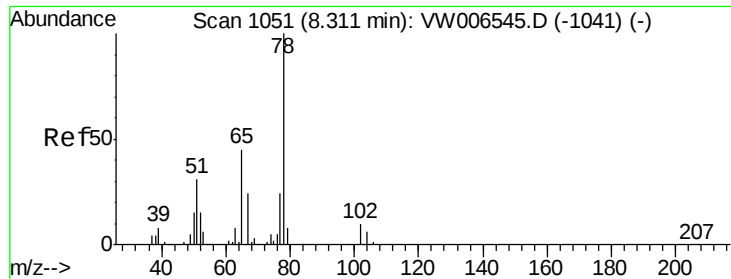


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

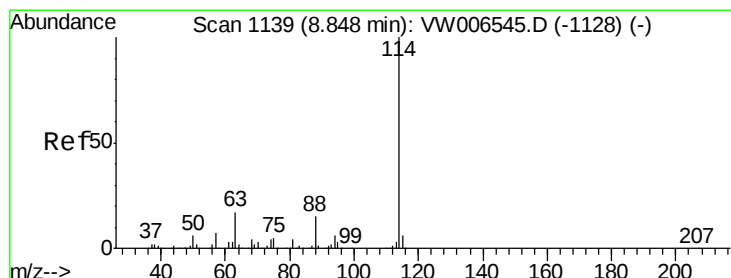
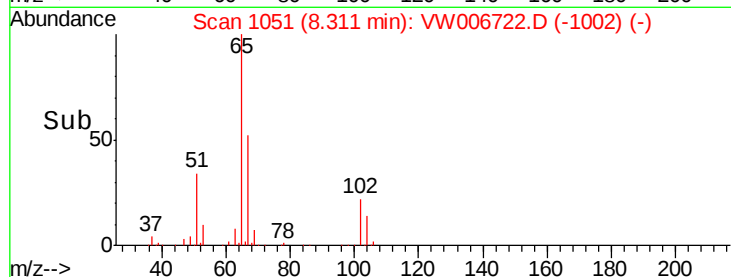
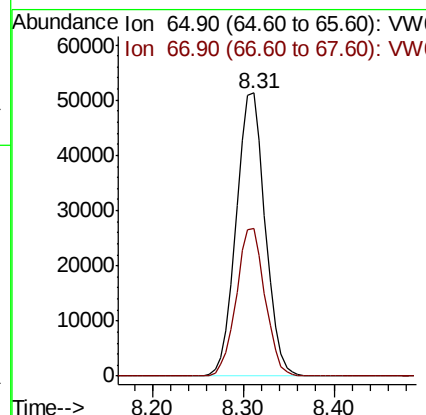
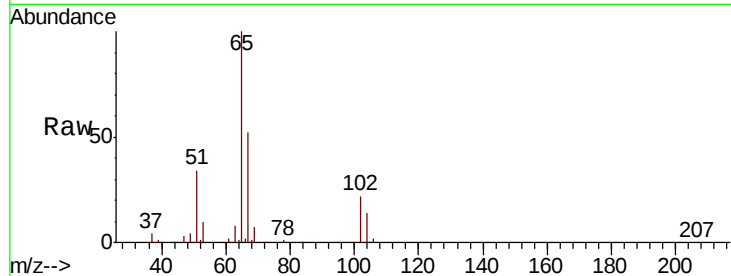




#33
 1,2-Dichloroethane-d4
 Concen: 52.900 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006722.D
 Acq: 07 Nov 2018 08:30

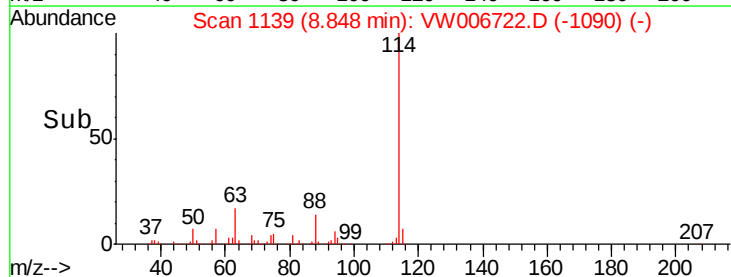
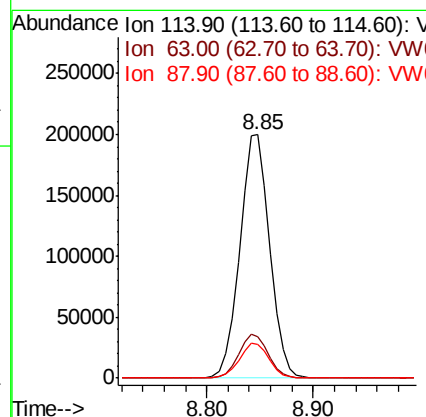
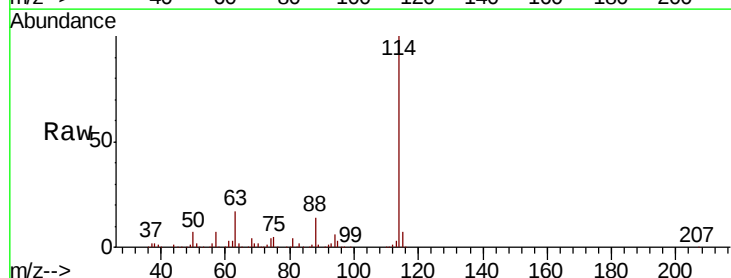
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-S

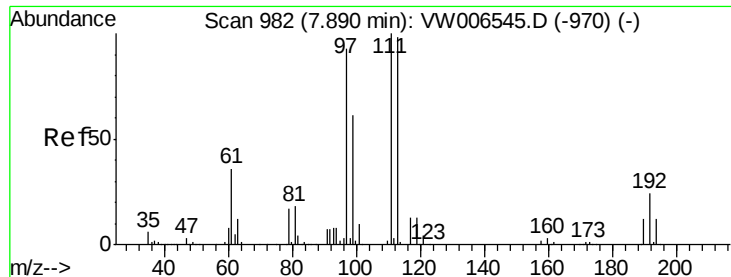
Tot Ion: 65 Resp: 113395
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006722.D
 Acq: 07 Nov 2018 08:30

Tgt Ion: 114 Resp: 392664
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 34.4
 88 13.9 0.0 29.0

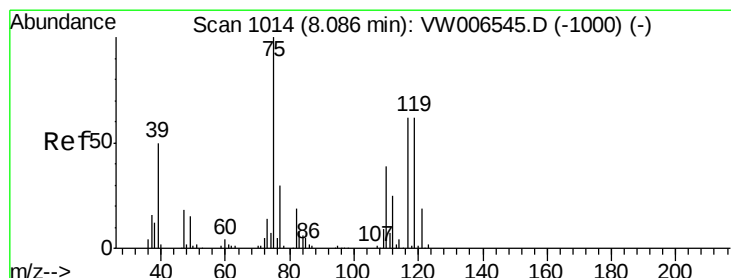
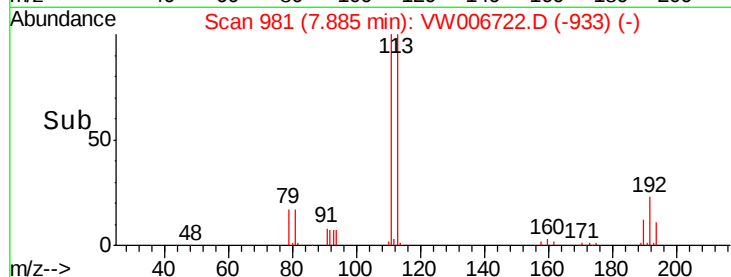
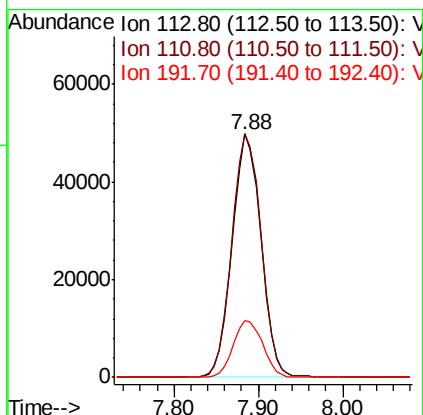
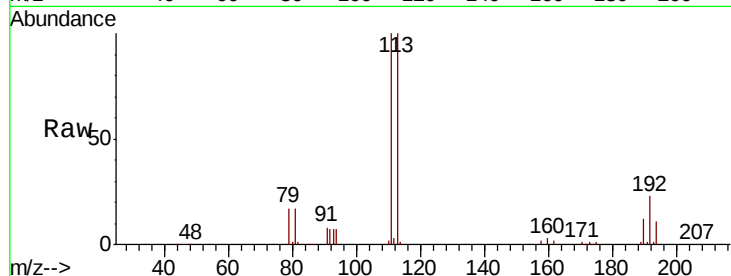




#35
 Dibromofluoromethane
 Concen: 46.799 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006722.D
 Acq: 07 Nov 2018 08:30

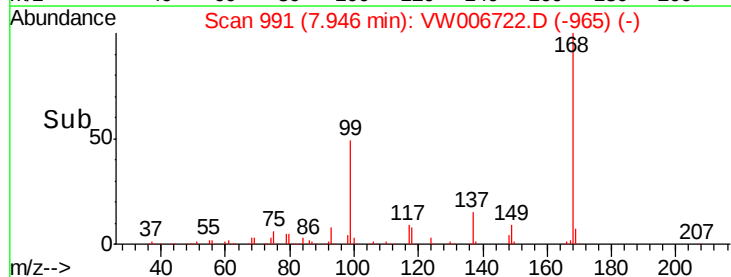
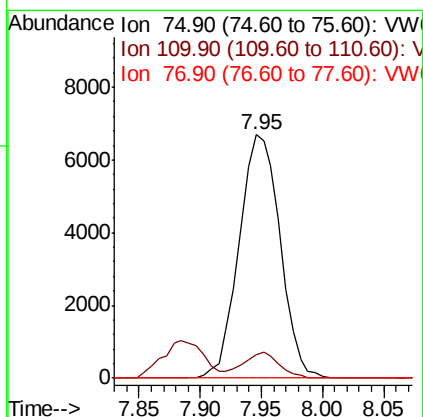
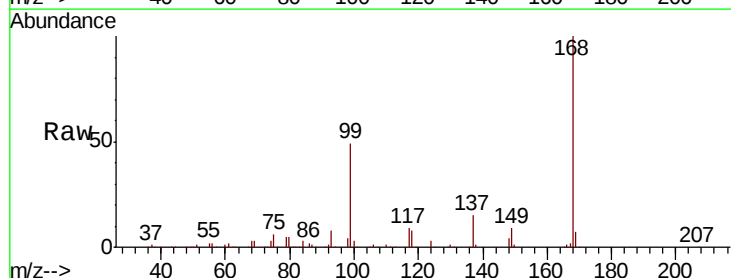
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-S

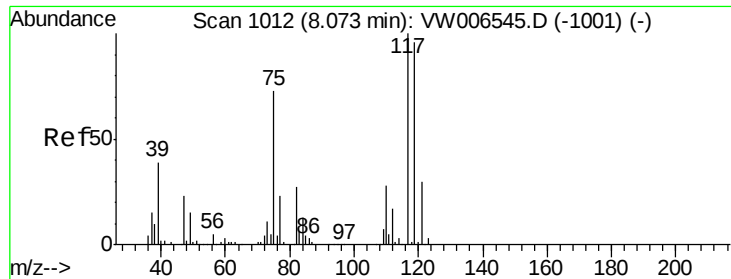
Tot Ion:113 Resp: 115325
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.2 123.2
 192 23.8 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 4.504 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006722.D
 Acq: 07 Nov 2018 08:30

Tgt Ion: 75 Resp: 15553
 Ion Ratio Lower Upper
 75 100
 110 9.1 19.5 58.5#
 77 0.0 24.6 37.0#

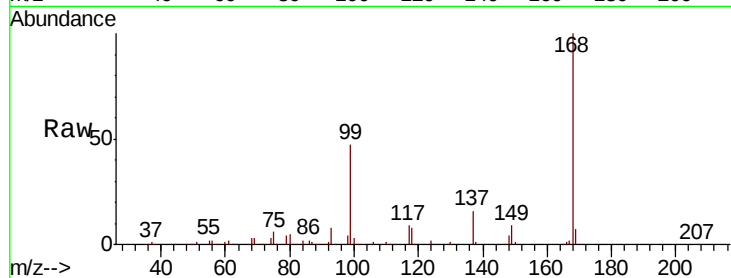




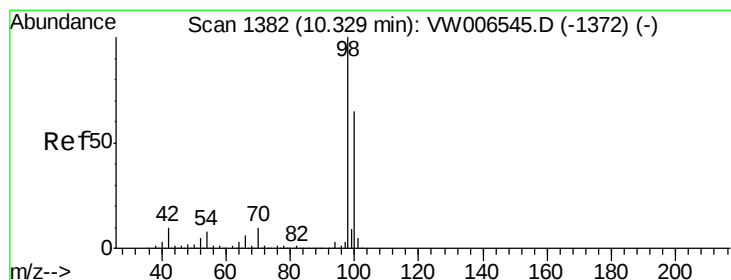
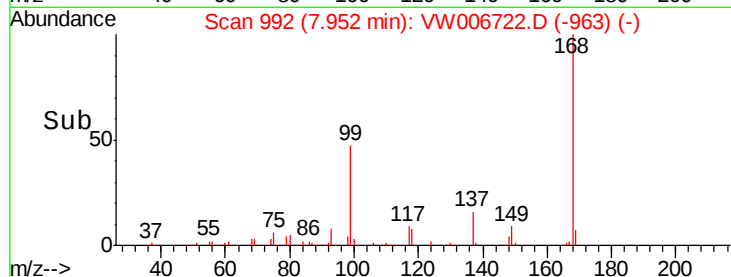
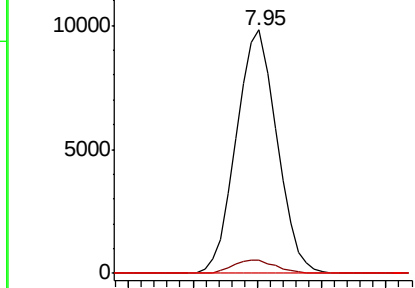
#38
Carbon Tetrachloride
Concen: 5.959 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006722.D
Acq: 07 Nov 2018 08:30

Instrument :
MSVOA_W
ClientSampled :
SB-S

Tot Ion:117 Resp: 21503
Ion Ratio Lower Upper
117 100
119 5.3 76.3 114.5#
121 0.0 24.1 36.1#

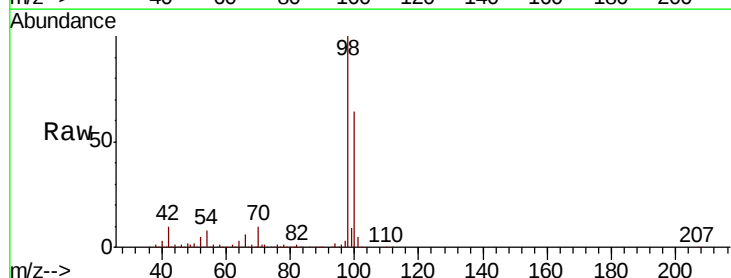


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

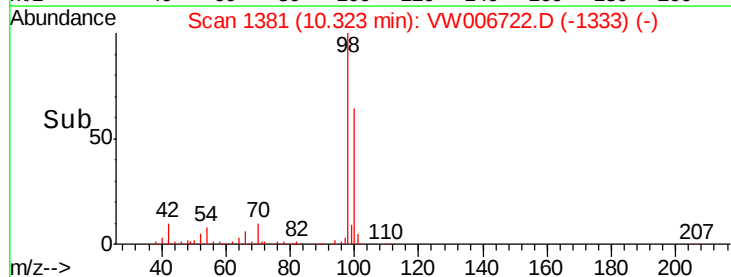
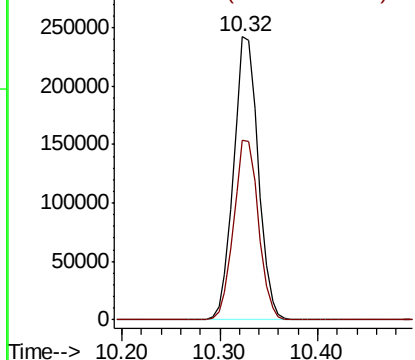


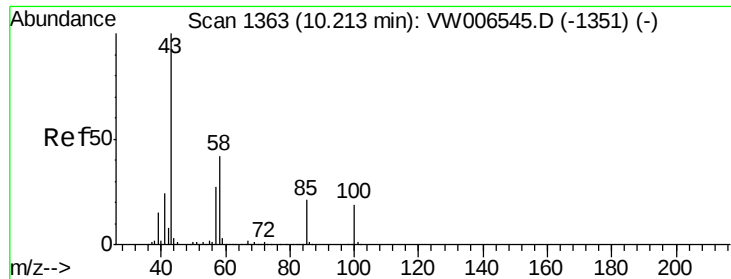
#50
Toluene-d8
Concen: 45.169 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006722.D
Acq: 07 Nov 2018 08:30

Tgt Ion: 98 Resp: 423734
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 1.323 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.12 min

Lab File: VW006722.D

Acq: 07 Nov 2018 08:30

Instrument :

MSVOA_W

ClientSampleId :

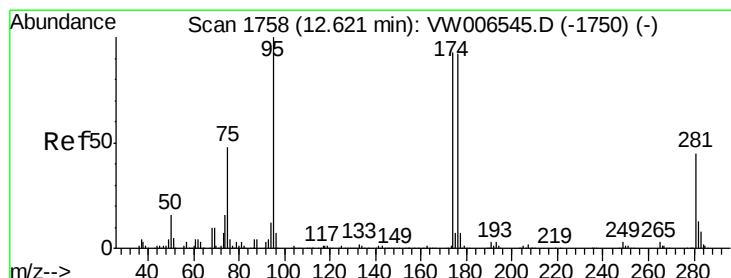
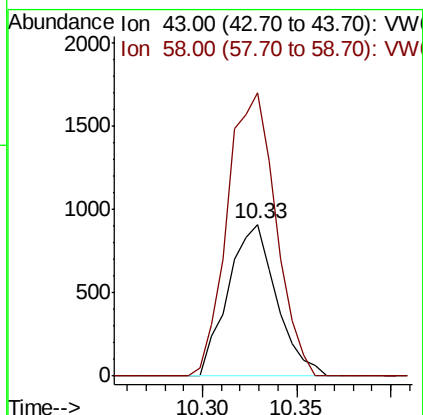
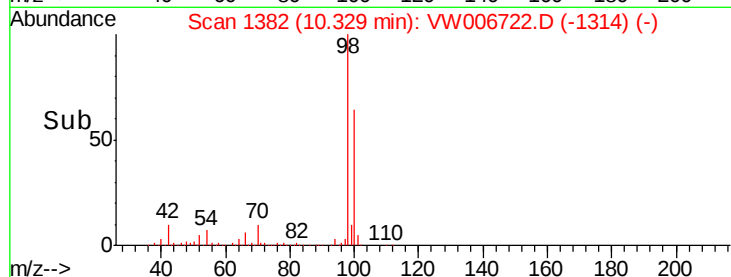
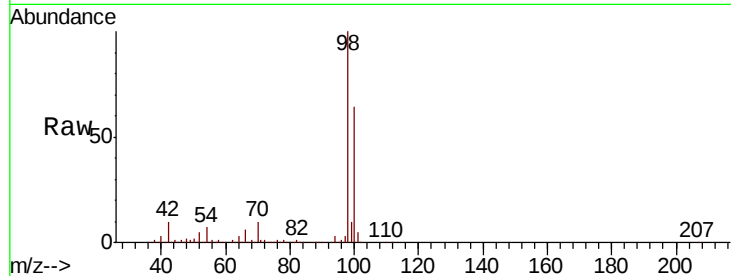
SB-S

Tot Ion: 43 Resp: 1623

Ion Ratio Lower Upper

43 100

58 186.7 33.4 50.0#



#62

4-Bromofluorobenzene

Concen: 41.512 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006722.D

Acq: 07 Nov 2018 08:30

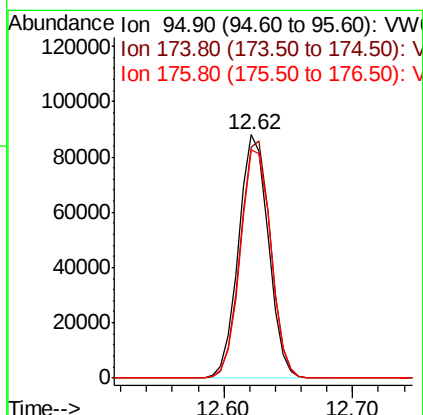
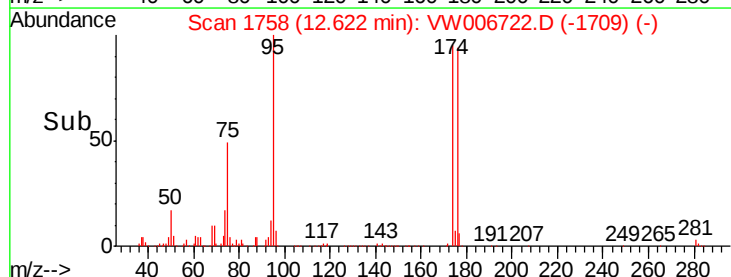
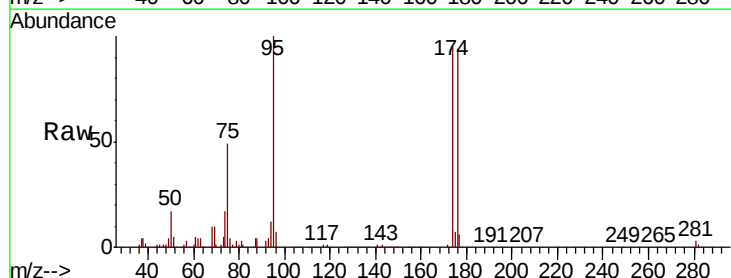
Tgt Ion: 95 Resp: 141181

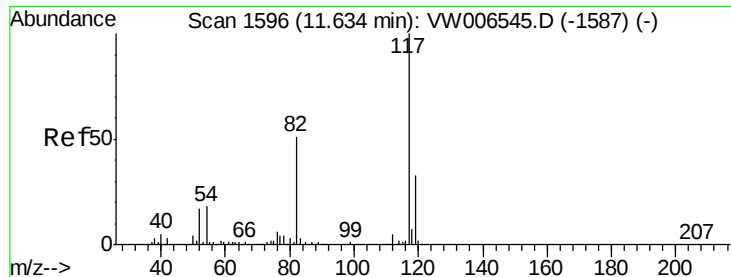
Ion Ratio Lower Upper

95 100

174 98.5 0.0 192.4

176 96.0 0.0 187.4

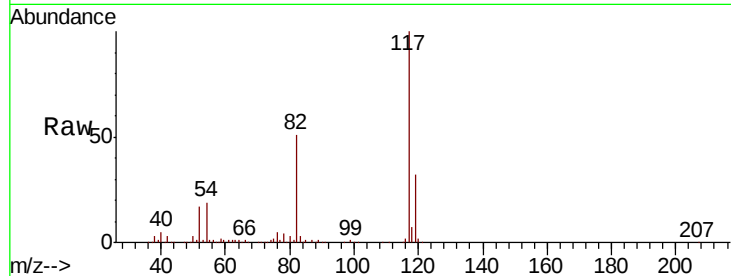




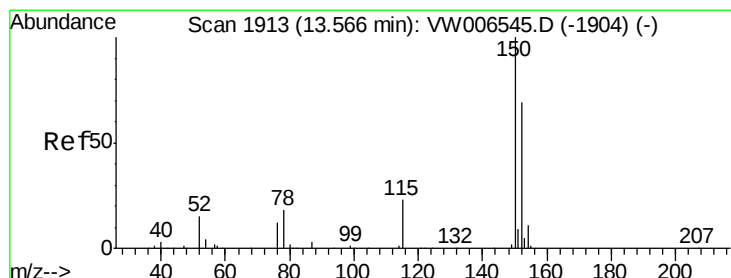
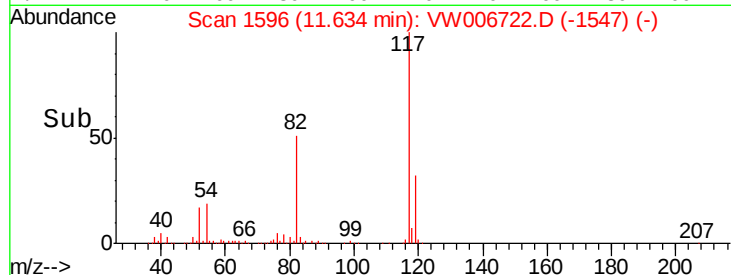
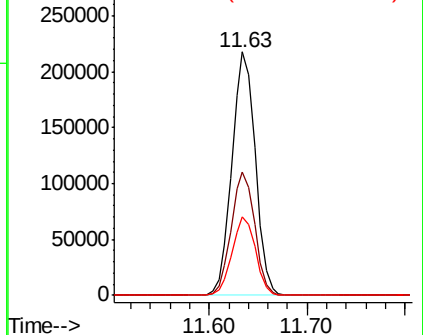
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006722.D
Acq: 07 Nov 2018 08:30

Instrument :
MSVOA_W
ClientSampleId :
SB-S

Tot Ion:117 Resp: 362082
Ion Ratio Lower Upper
117 100
82 50.6 40.8 61.2
119 32.1 26.1 39.1

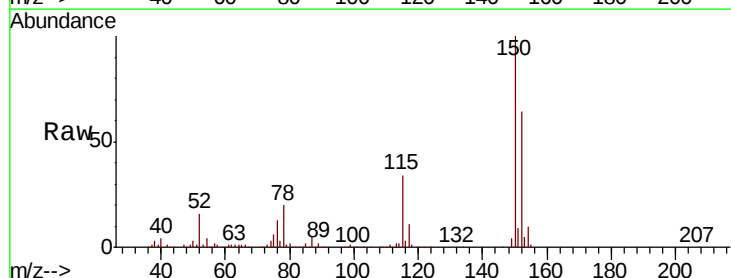


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

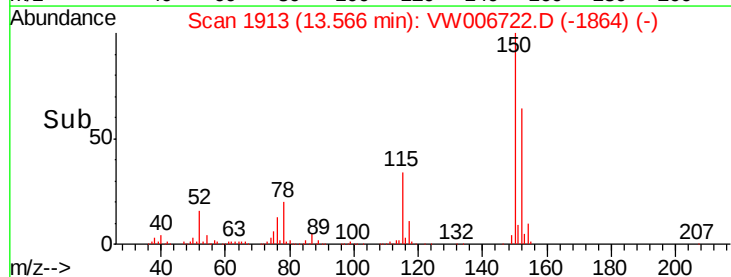
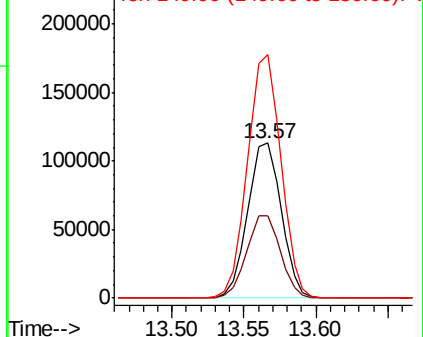


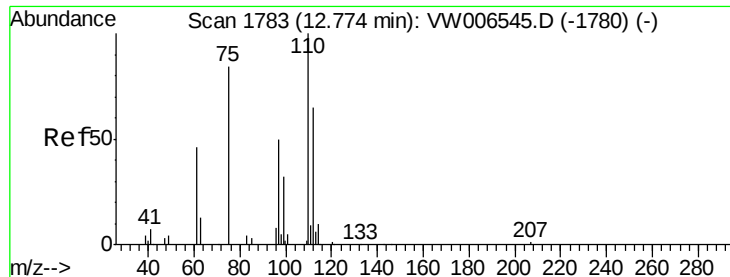
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006722.D
Acq: 07 Nov 2018 08:30

Tgt Ion:152 Resp: 181788
Ion Ratio Lower Upper
152 100
115 53.7 26.6 79.8
150 156.8 0.0 344.6



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: 48.488 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006722.D

Acq: 07 Nov 2018 08:30

Instrument :

MSVOA_W

ClientSampleId :

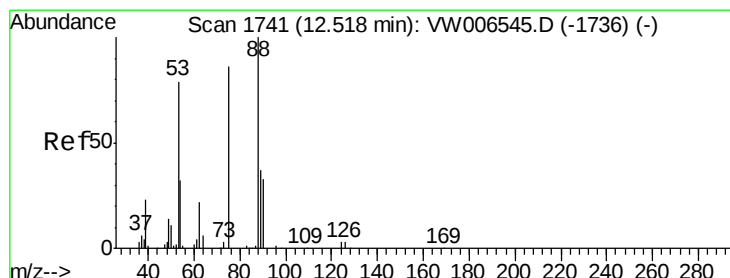
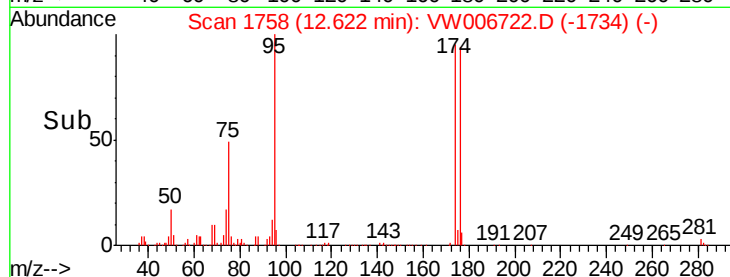
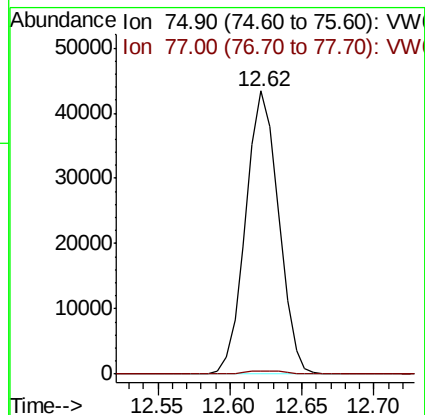
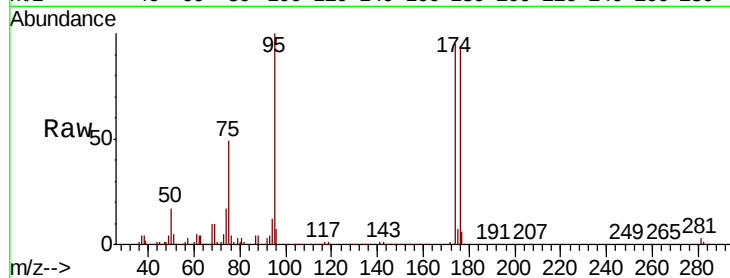
SB-S

Tot Ion: 75 Resp: 68774

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 121.550 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006722.D

Acq: 07 Nov 2018 08:30

Tgt Ion: 75 Resp: 68774

Ion Ratio Lower Upper

75 100

53 0.1 77.2 115.8#

89 0.0 38.6 58.0#

