

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006720.D
 Acq On : 07 Nov 2018 07:38
 Operator : SY/AP
 Sample : J5826-03
 Misc : 5.52G/5ML/MSVOA W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1

Quant Time: Nov 07 11:34:32 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

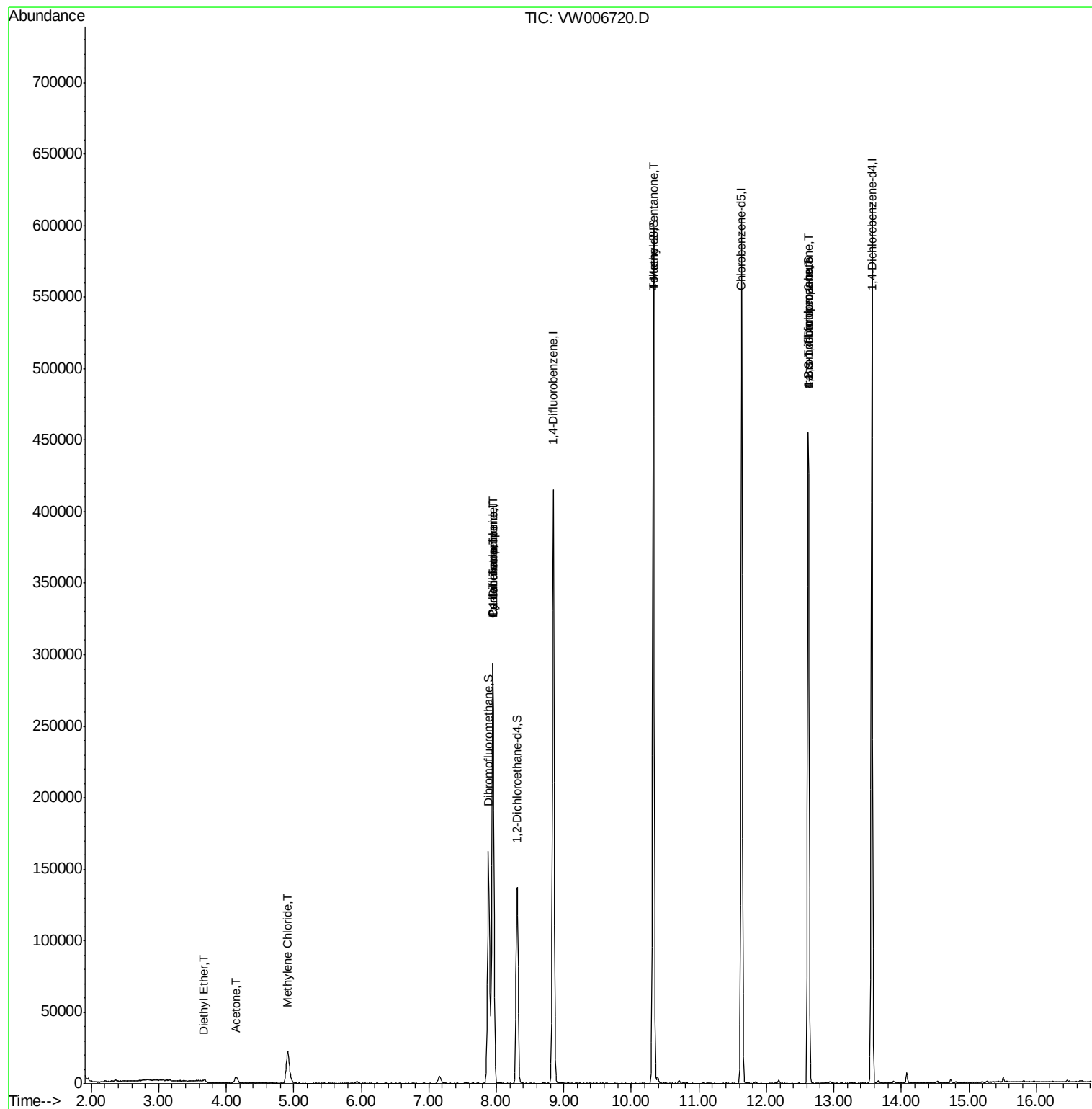
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	242723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	379148	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	354151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	177297	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	109845	52.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.30%	
35) Dibromofluoromethane	7.88	113	113709	47.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.58%	
50) Toluene-d8	10.33	98	419845	46.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.70%	
62) 4-Bromofluorobenzene	12.62	95	140054	42.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.30%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.68	74	1109	1.057	ug/l #	51
16) Acetone	4.15	43	9151	27.166	ug/l	96
20) Methylene Chloride	4.92	84	20251	3.751	ug/l	90
31) Cyclohexane	7.95	56	4111	1.237	ug/l #	23
36) 1,1-Dichloropropene	7.95	75	14840	4.451	ug/l #	47
38) Carbon Tetrachloride	7.95	117	21057	6.044	ug/l #	18
51) 4-Methyl-2-Pentanone	10.32	43	1575	1.330	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	69327	50.116	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	69327	125.541	ug/l #	11

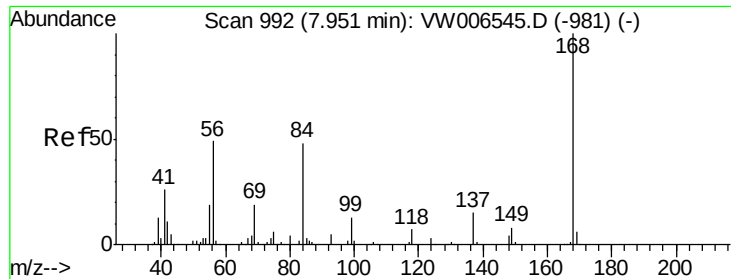
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006720.D

Acq: 07 Nov 2018 07:38

Instrument :

MSVOA_W

ClientSampleId :

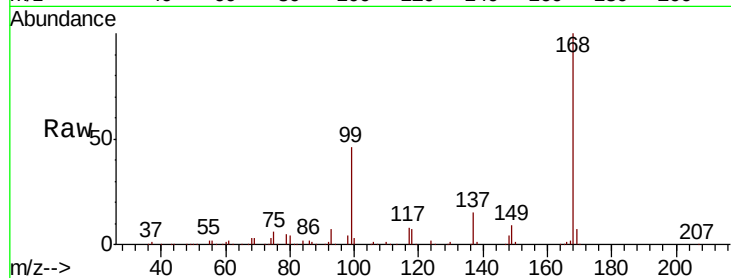
SB-1

Tot Ion:168 Resp: 242723

Ion Ratio Lower Upper

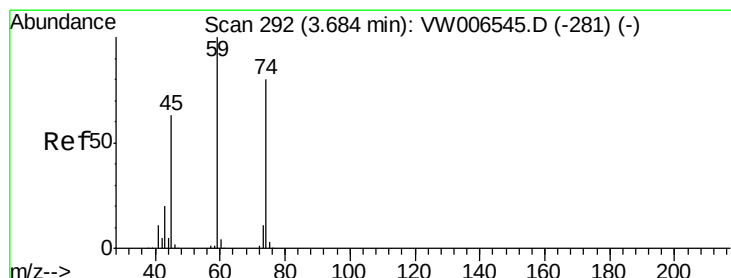
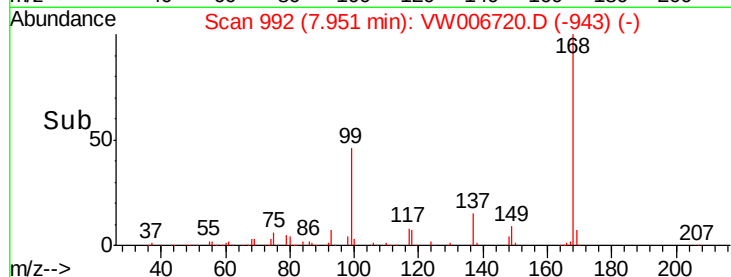
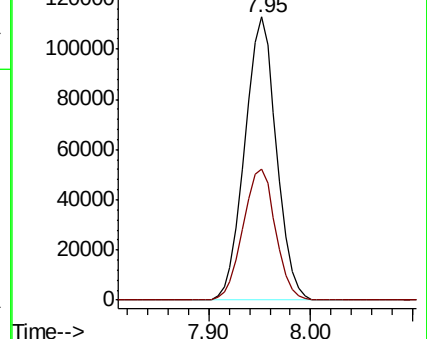
168 100

99 46.4 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.057 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006720.D

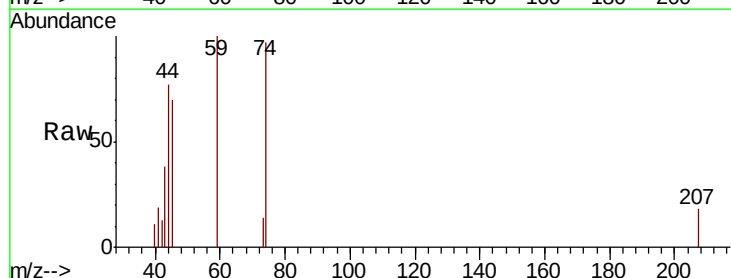
Acq: 07 Nov 2018 07:38

Tgt Ion: 74 Resp: 1109

Ion Ratio Lower Upper

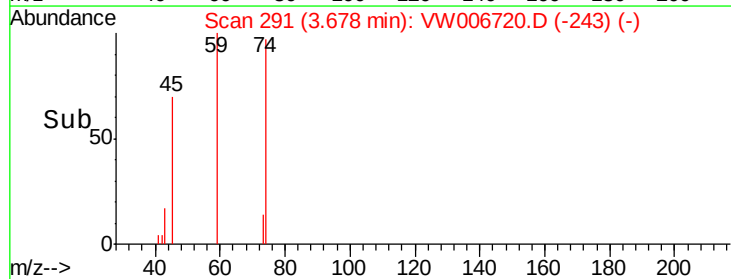
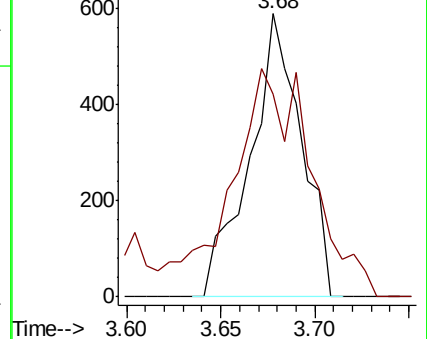
74 100

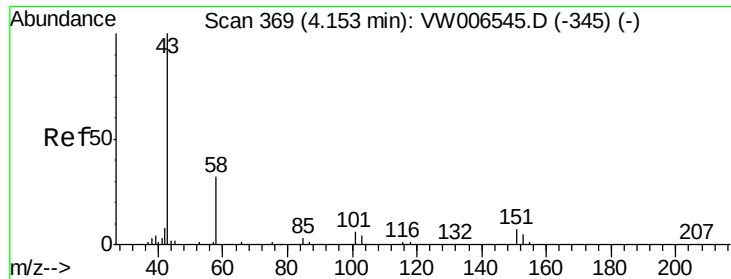
45 126.0 41.1 123.4#



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

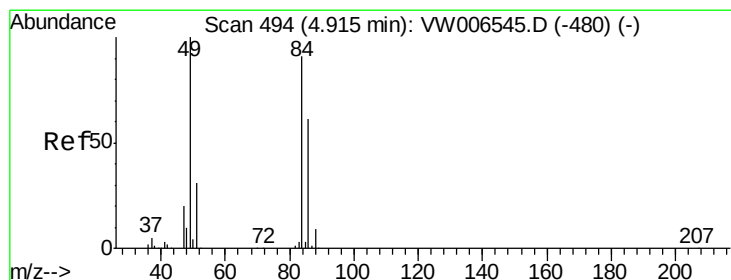
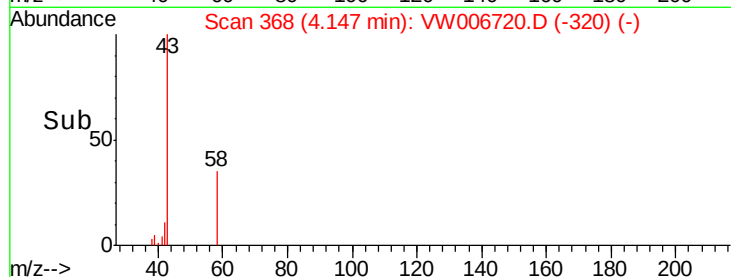
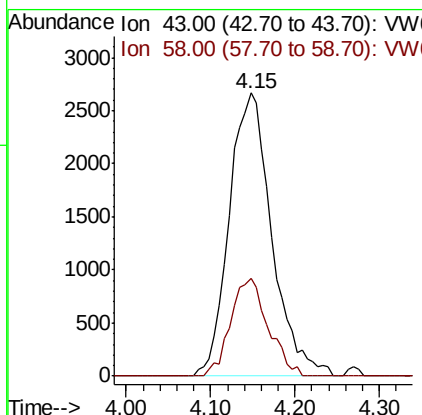
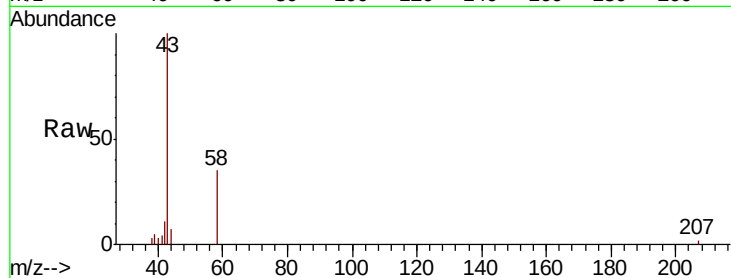




#16
Acetone
Concen: 27.166 ug/l
RT: 4.15 min Scan# 368
Delta R.T. -0.01 min
Lab File: VW006720.D
Acq: 07 Nov 2018 07:38

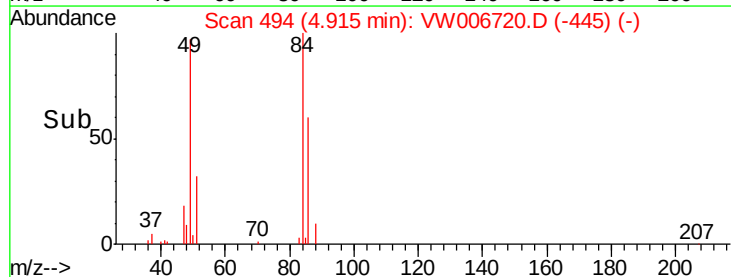
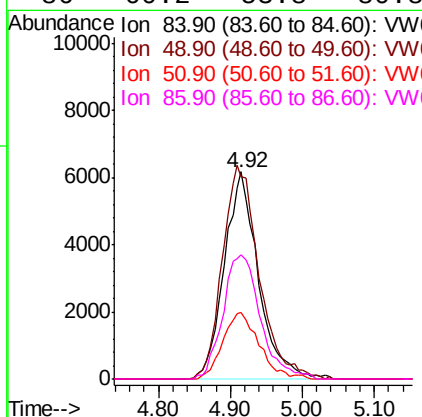
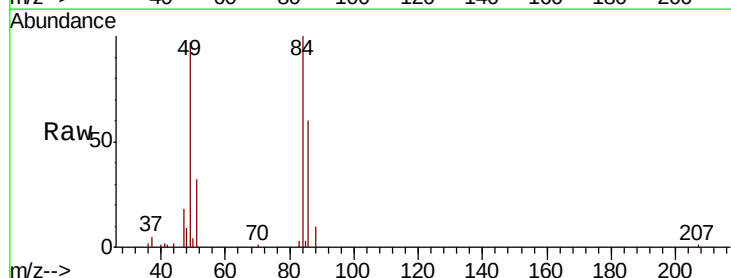
Instrument :
MSVOA_W
ClientSampleId :
SB-1

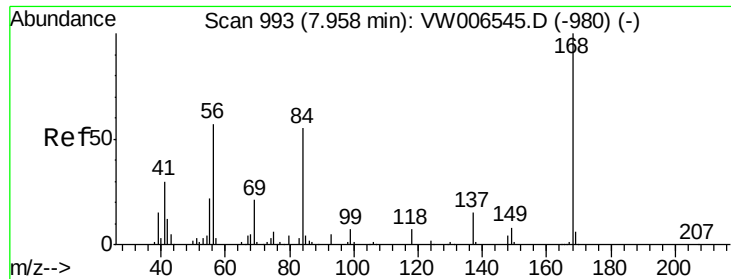
Tot Ion: 43 Resp: 9151
Ion Ratio Lower Upper
43 100
58 34.5 25.8 38.8



#20
Methylene Chloride
Concen: 3.751 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006720.D
Acq: 07 Nov 2018 07:38

Tgt Ion: 84 Resp: 20251
Ion Ratio Lower Upper
84 100
49 97.5 88.2 132.4
51 32.2 27.0 40.6
86 60.2 53.8 80.8

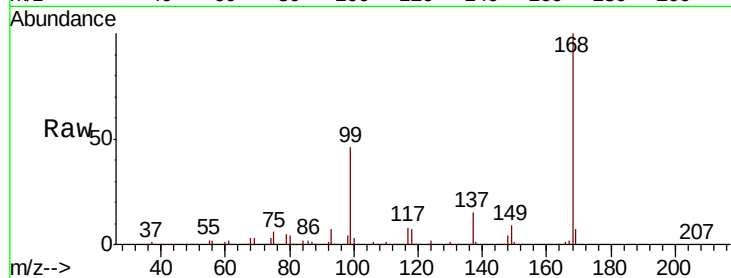




#31
Cyclohexane
Concen: 1.237 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006720.D
Acq: 07 Nov 2018 07:38

Instrument :
MSVOA_W
ClientSampled :
SB-1

Tot Ion	56	Resp	4111
Ion Ratio	Lower	Upper	
56	100		
69	158.6	29.0	43.4#
84	125.1	77.8	116.6#

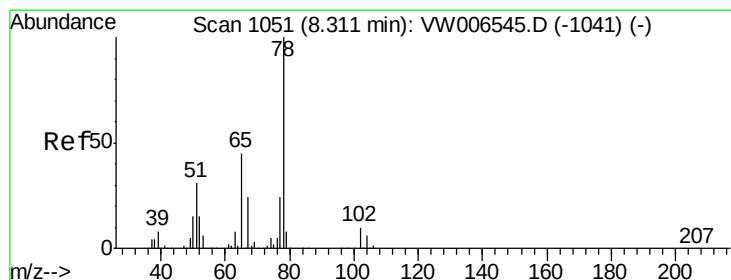
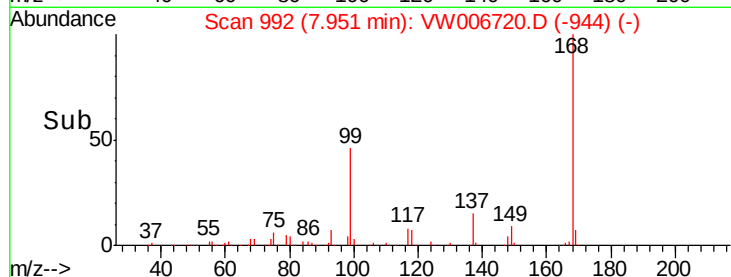
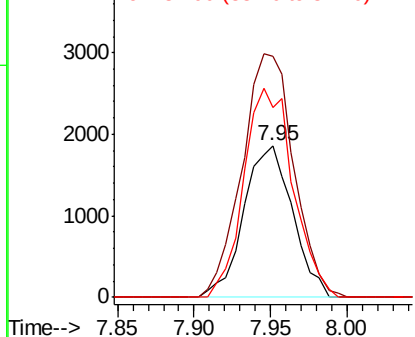


Abundance

Ion 56.00 (55.70 to 56.70): VW

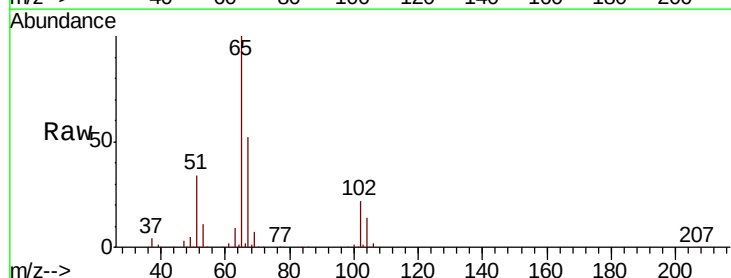
Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#33
1,2-Dichloroethane-d4
Concen: 52.647 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW006720.D
Acq: 07 Nov 2018 07:38

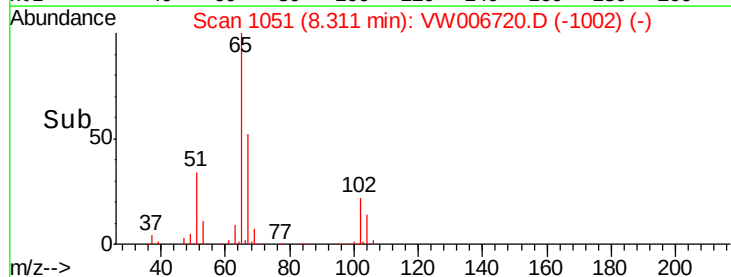
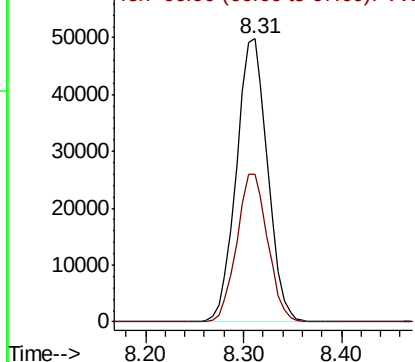
Tgt Ion	65	Resp	109845
Ion Ratio	Lower	Upper	
65	100		
67	51.9	0.0	104.4

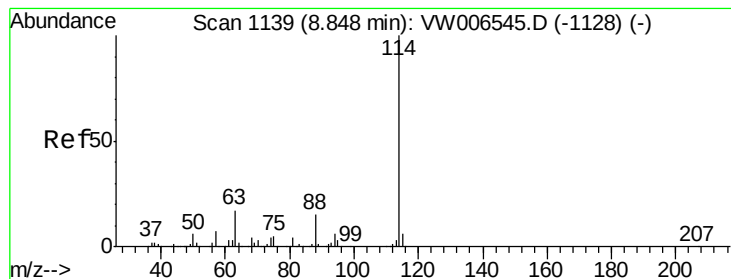


Abundance

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: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW006720.D

Acq: 07 Nov 2018 07:38

Instrument :

MSVOA_W

ClientSampleId :

SB-1

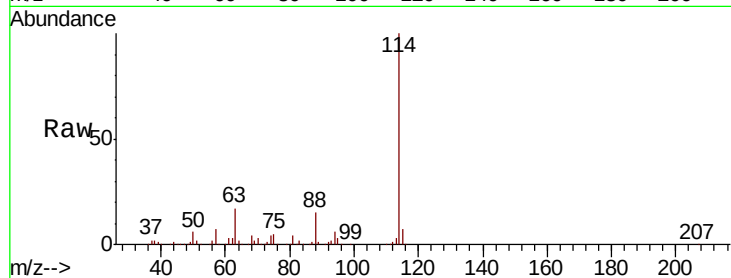
Tot Ion:114 Resp: 379148

Ion Ratio Lower Upper

114 100

63 17.2 0.0 34.4

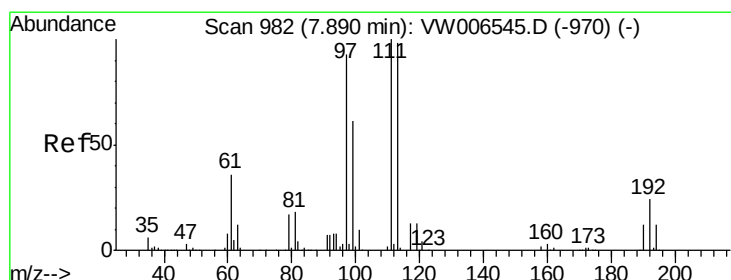
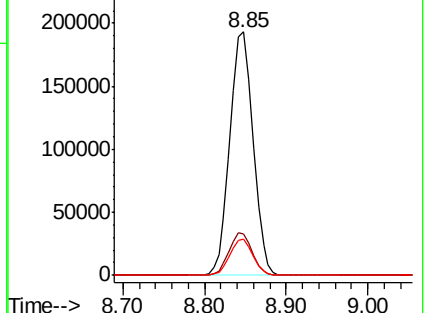
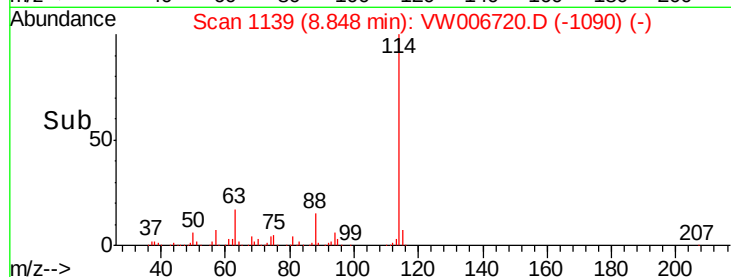
88 14.7 0.0 29.0



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: 47.788 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006720.D

Acq: 07 Nov 2018 07:38

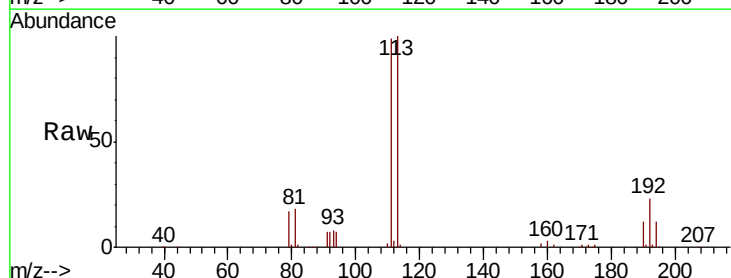
Tgt Ion:113 Resp: 113709

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.2

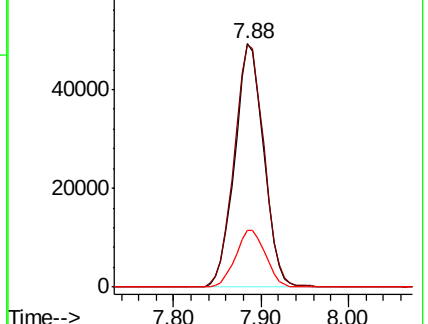
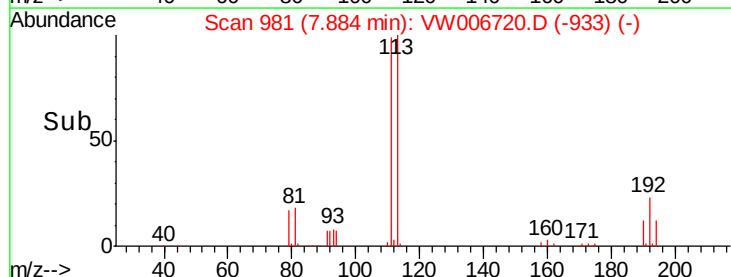
192 24.0 19.0 28.6

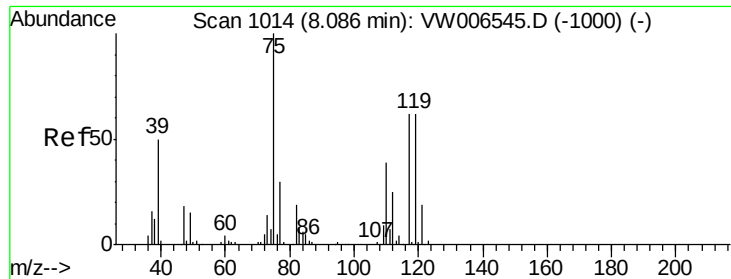


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

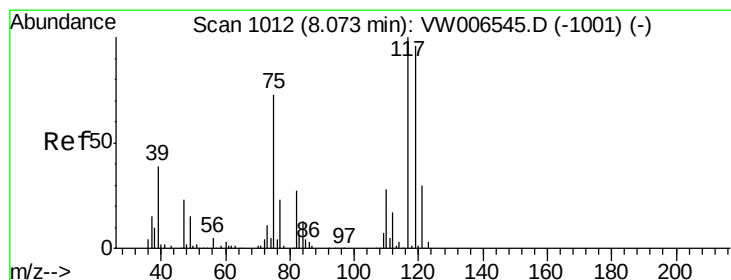
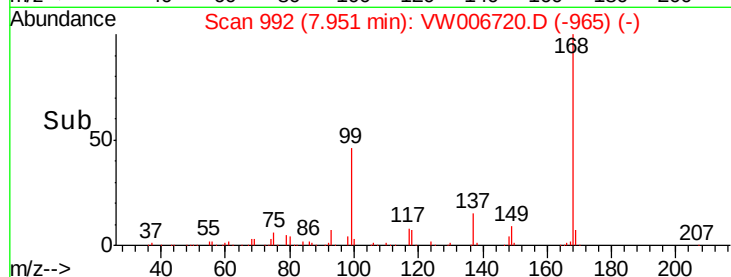
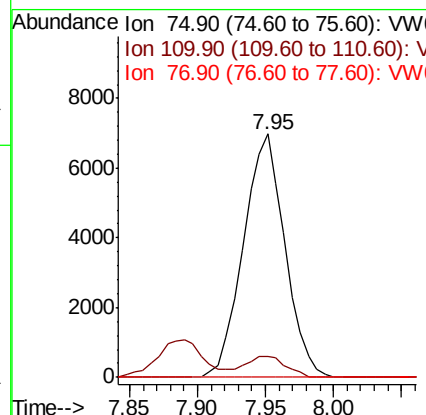
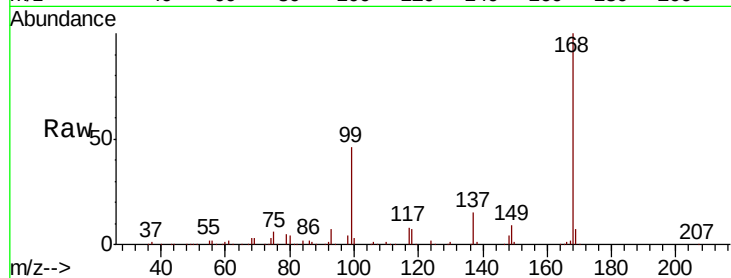




#36
 1,1-Dichloropropene
 Concen: 4.451 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006720.D
 Acq: 07 Nov 2018 07:38

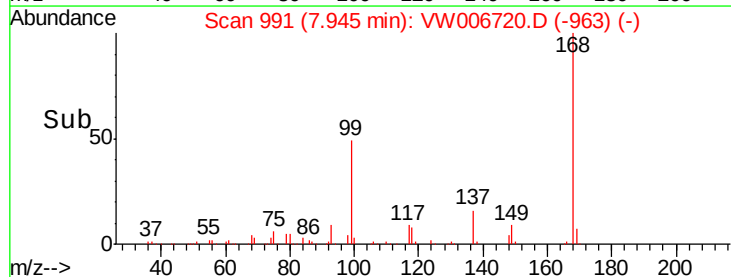
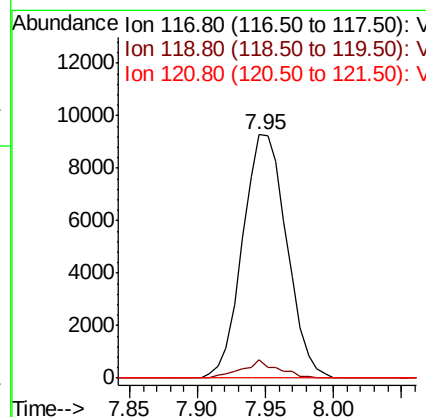
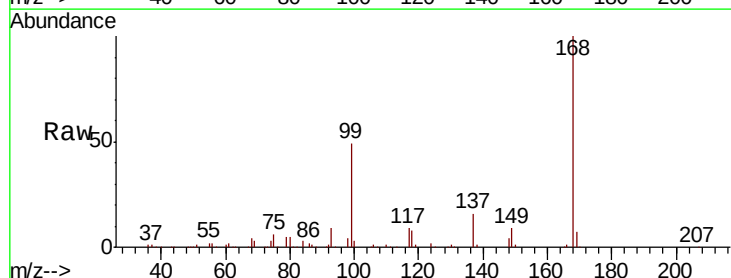
Instrument :
 MSVOA_W
 ClientSampled :
 SB-1

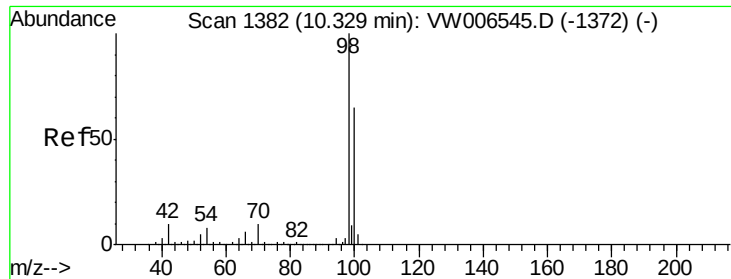
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.7	19.5	58.5#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 6.044 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW006720.D
 Acq: 07 Nov 2018 07:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	7.6	76.3	114.5#
121	0.0	24.1	36.1#

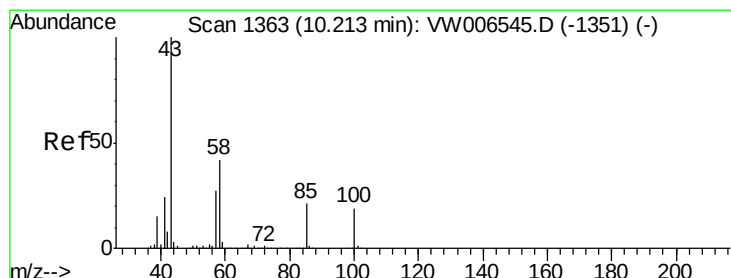
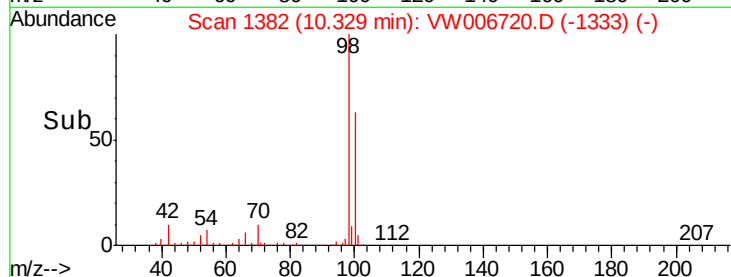
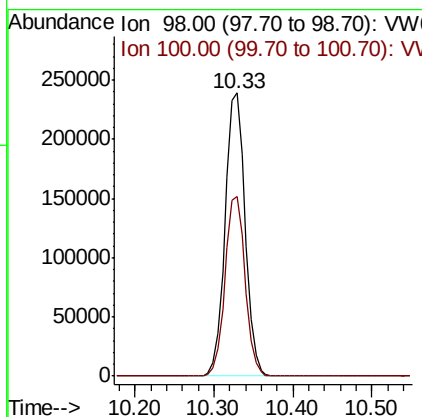
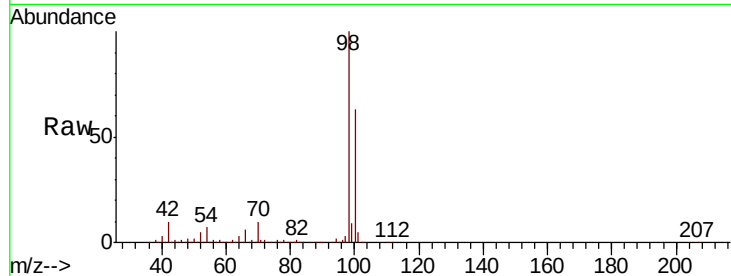




#50
Toluene-d8
Concen: 46.350 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006720.D
Acq: 07 Nov 2018 07:38

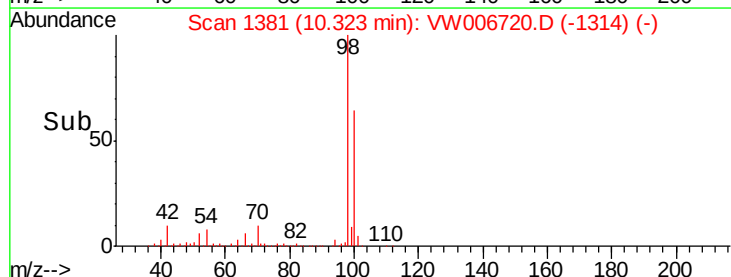
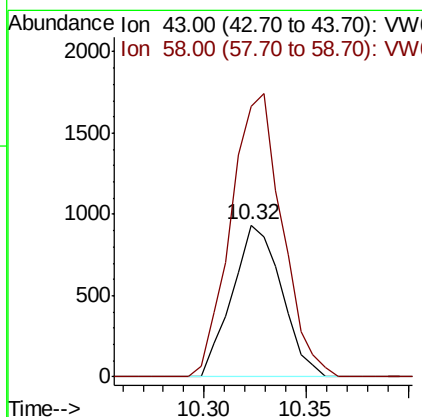
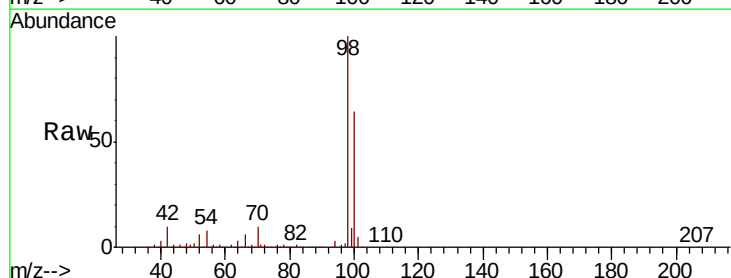
Instrument :
MSVOA_W
ClientSampled :
SB-1

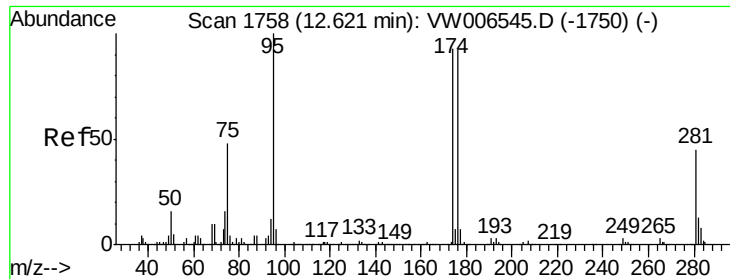
Tot Ion: 98 Resp: 419845
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.330 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.11 min
Lab File: VW006720.D
Acq: 07 Nov 2018 07:38

Tgt Ion: 43 Resp: 1575
Ion Ratio Lower Upper
43 100
58 193.1 33.4 50.0#





#62

4-Bromofluorobenzene

Concen: 42.648 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006720.D

Acq: 07 Nov 2018 07:38

Instrument :

MSVOA_W

ClientSampleId :

SB-1

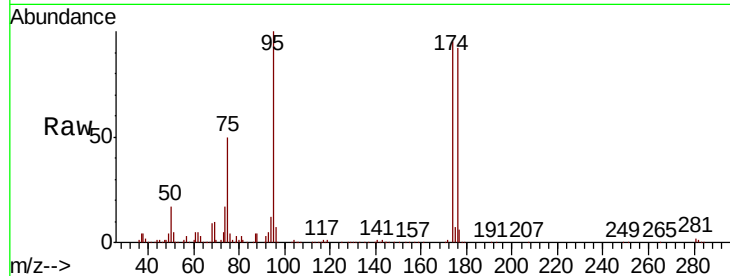
Tot Ion: 95 Resp: 140054

Ion Ratio Lower Upper

95 100

174 99.2 0.0 192.4

176 95.5 0.0 187.4

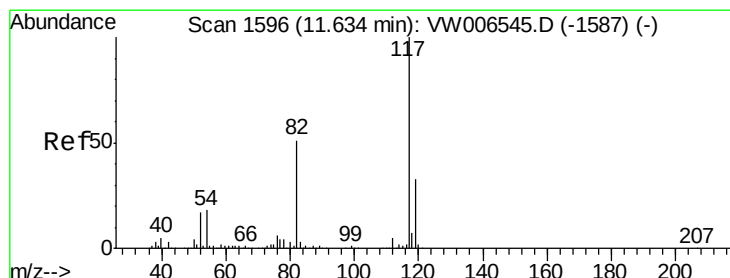
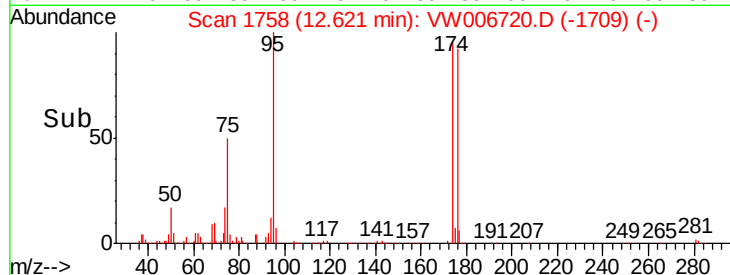
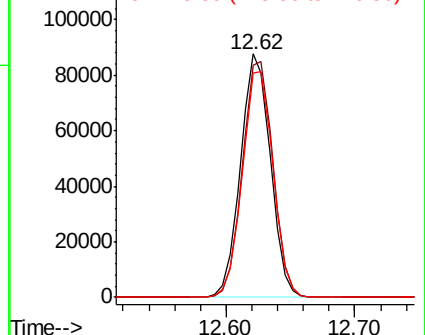


Abundance

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: VW006720.D

Acq: 07 Nov 2018 07:38

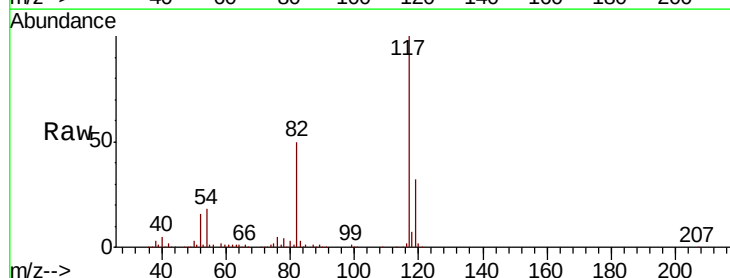
Tgt Ion: 117 Resp: 354151

Ion Ratio Lower Upper

117 100

82 49.7 40.8 61.2

119 31.8 26.1 39.1

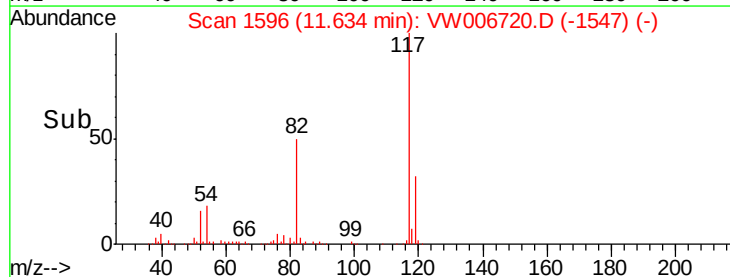
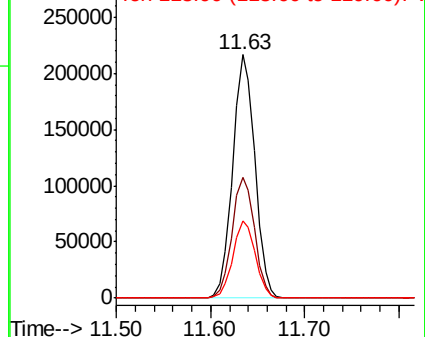


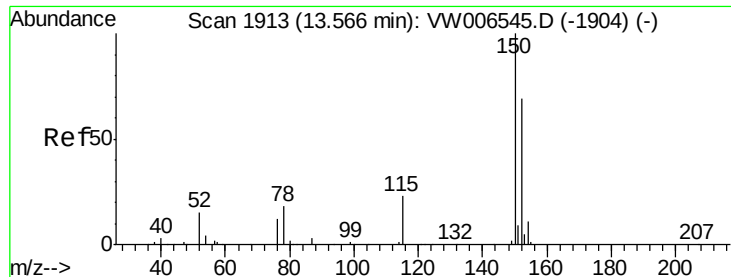
Abundance

Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



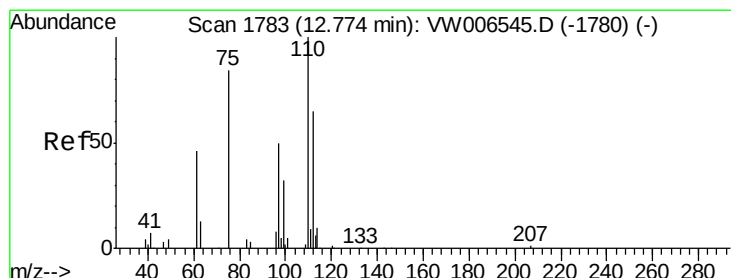
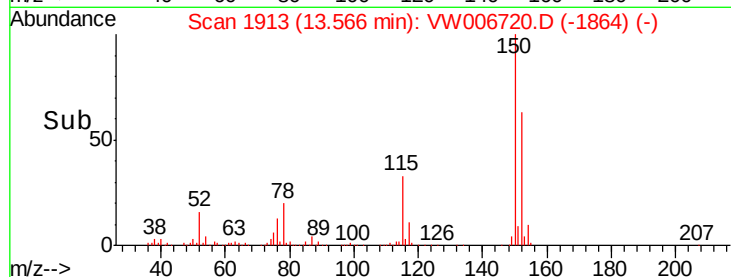
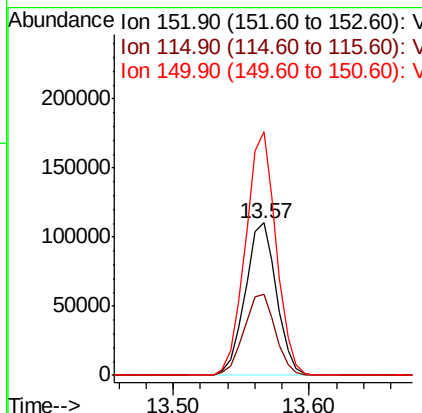
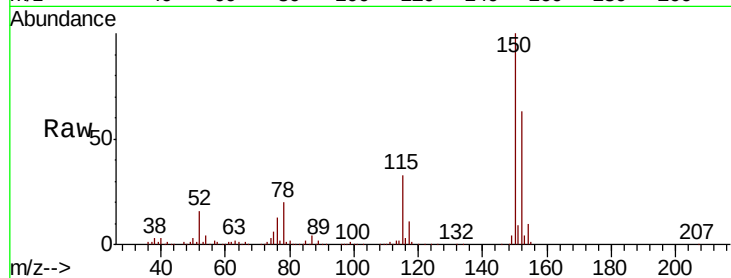


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006720.D
Acq: 07 Nov 2018 07:38

Instrument :
MSVOA_W
ClientSampled :
SB-1

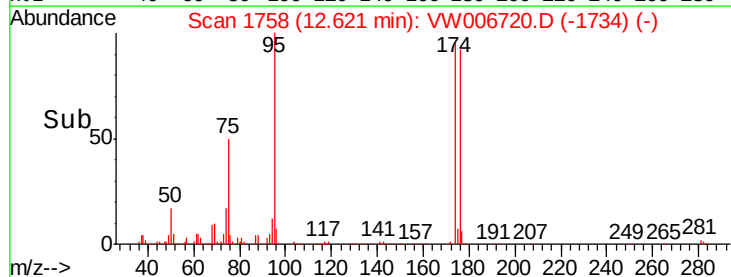
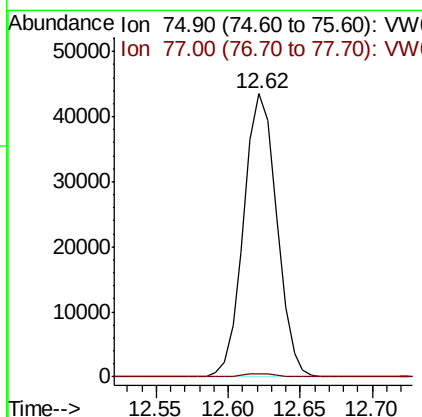
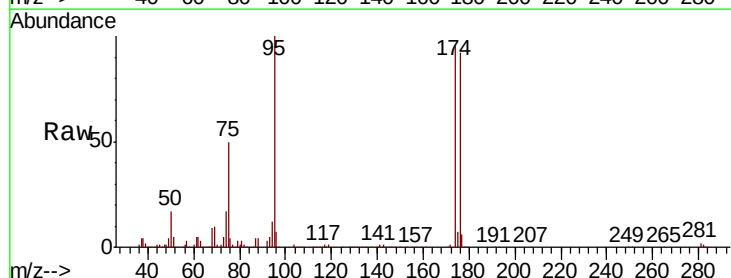
Tot Ion:152 Resp: 177297
Ion Ratio Lower Upper
152 100
115 53.3 26.6 79.8
150 156.3 0.0 344.6

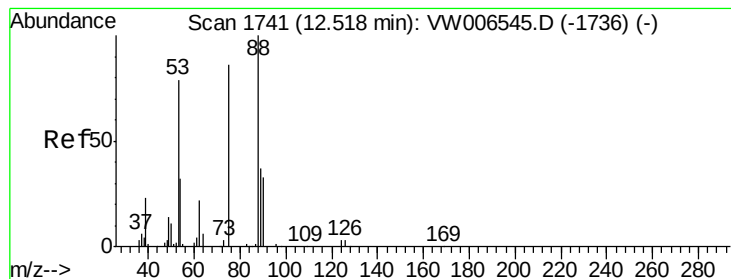


#76

1,2,3-Trichloropropane
Concen: 50.116 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006720.D
Acq: 07 Nov 2018 07:38

Tgt Ion: 75 Resp: 69327
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 125.541 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006720.D

Acq: 07 Nov 2018 07:38

Instrument :

MSVOA_W

ClientSampleId :

SB-1

Tot Ion: 75 Resp: 69327

Ion Ratio Lower Upper

75 100

53 0.1 77.2 115.8#

89 0.0 38.6 58.0#

