

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006714.D
 Acq On : 07 Nov 2018 05:03
 Operator : SY/AP
 Sample : J5764-15RE
 Misc : 4.59G/5ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-110218-HRE

Quant Time: Nov 07 11:33:26 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	218351	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	331291	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	185197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	65475	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	105722	56.33	ug/l	0.00
Spiked Amount			Recovery	=	112.66%	
35) Dibromofluoromethane	7.88	113	108222	52.05	ug/l	0.00
Spiked Amount			Recovery	=	104.10%	
50) Toluene-d8	10.33	98	177571	22.44	ug/l	0.00
Spiked Amount			Recovery	=	44.88%	
62) 4-Bromofluorobenzene	12.62	95	69186	24.11	ug/l	0.00
Spiked Amount			Recovery	=	48.22%	

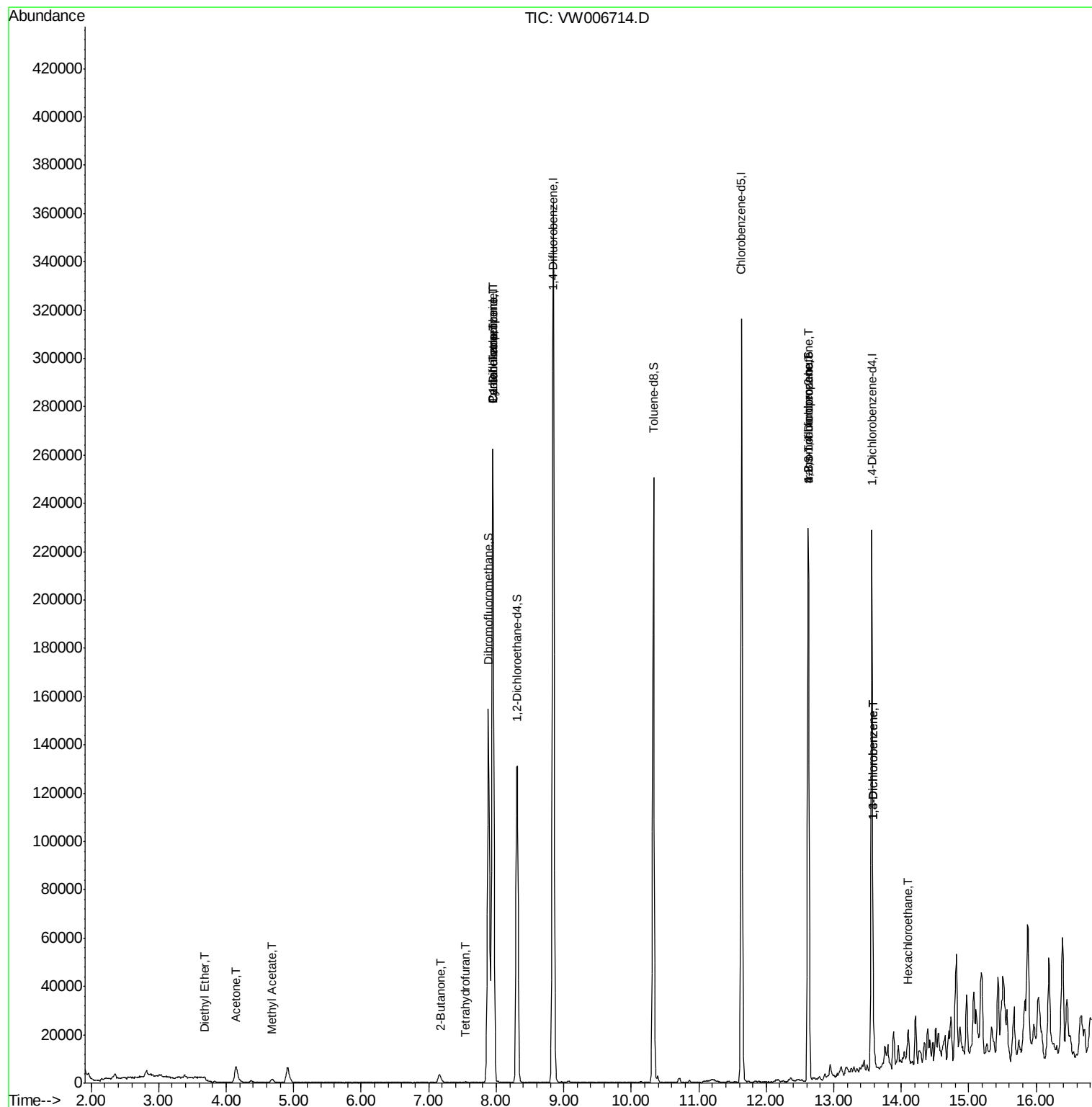
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	1070	1.134	ug/l	81
16) Acetone	4.15	43	13170	43.461	ug/l	91
18) Methyl Acetate	4.68	43	2589	2.971	ug/l	99
20) Methylene Chloride	4.90	84	5747	Below Cal	#	89
25) 2-Butanone	7.18	43	487	1.126	ug/l #	46
29) Tetrahydrofuran	7.54	42	287	1.055	ug/l #	29
31) Cyclohexane	7.95	56	3557	1.190	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	13481	4.627	ug/l #	48
38) Carbon Tetrachloride	7.95	117	18966	6.230	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	33890	66.340	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	33890	165.320	ug/l #	11
87) 1,3-Dichlorobenzene	13.58	146	2692	1.224	ug/l #	60
88) 1,4-Dichlorobenzene	13.58	146	2692	1.235	ug/l #	60
90) Hexachloroethane	14.11	117	898	1.327	ug/l #	3

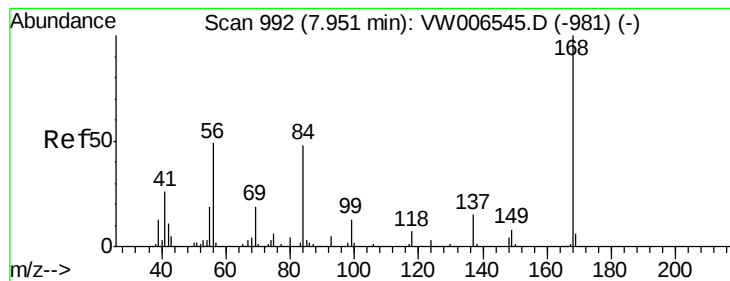
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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. 0.00 min

Lab File: VW006714.D

Acq: 07 Nov 2018 05:03

Instrument :

MSVOA_W

ClientSampleId :

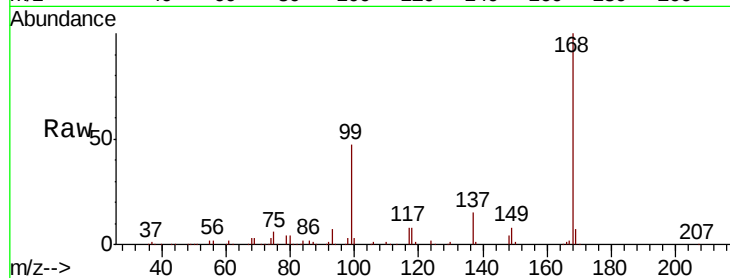
JC-03-110218-HRE

Tot Ion:168 Resp: 218351

Ion Ratio Lower Upper

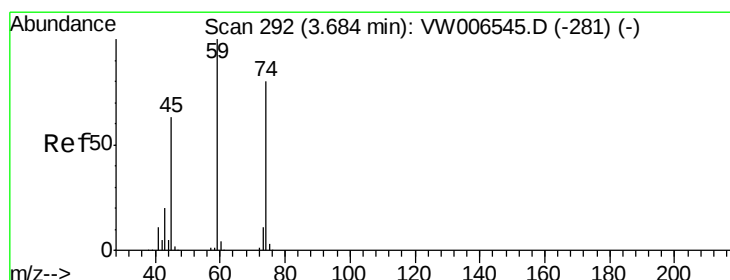
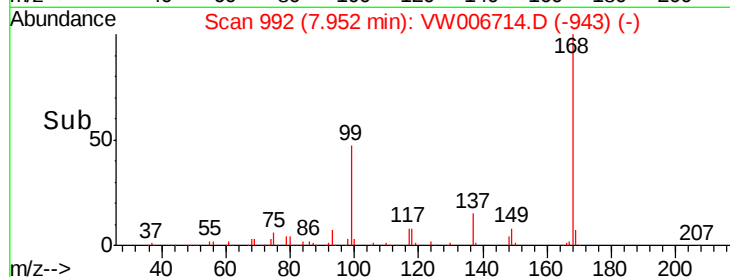
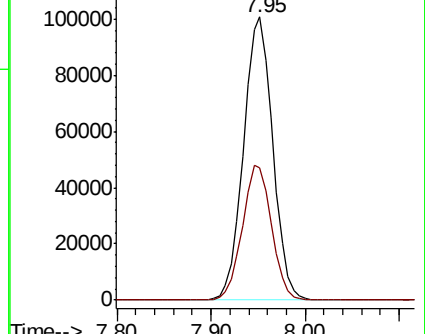
168 100

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



#8

Diethyl Ether

Concen: 1.134 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW006714.D

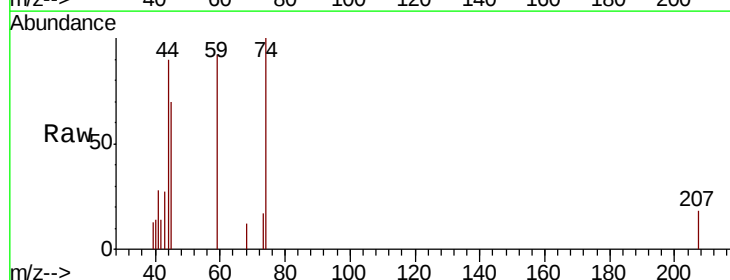
Acq: 07 Nov 2018 05:03

Tgt Ion: 74 Resp: 1070

Ion Ratio Lower Upper

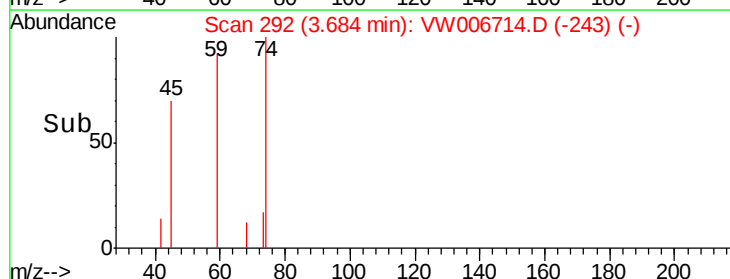
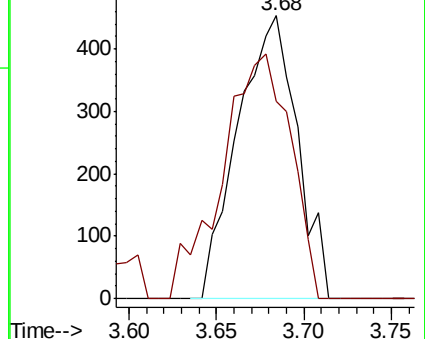
74 100

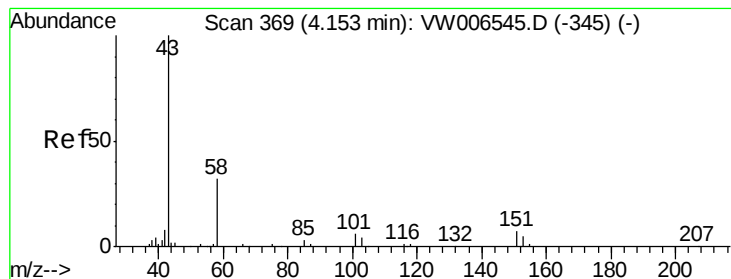
45 99.6 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 43.461 ug/l

RT: 4.15 min Scan# 368

Delta R.T. -0.01 min

Lab File: VW006714.D

Acq: 07 Nov 2018 05:03

Instrument :

MSVOA_W

ClientSampleId :

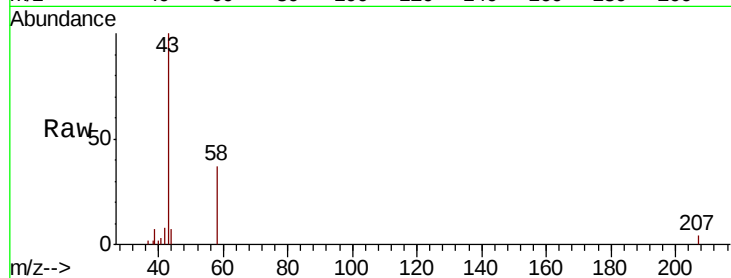
JC-03-110218-HRE

Tot Ion: 43 Resp: 13170

Ion Ratio Lower Upper

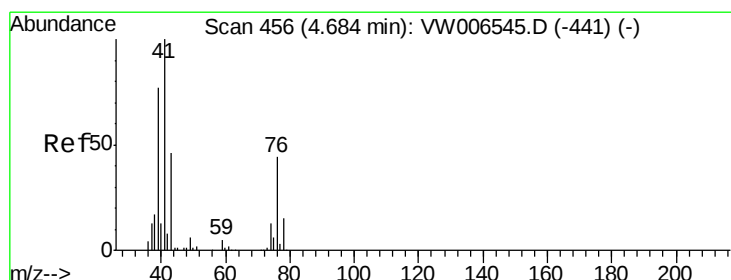
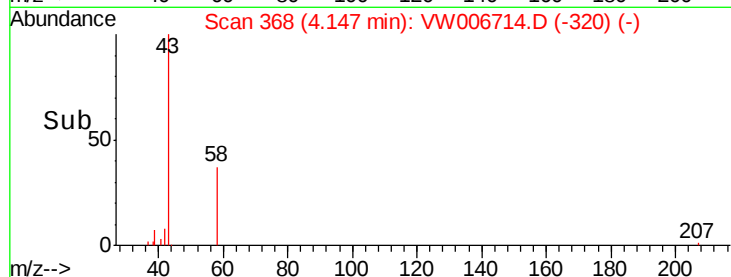
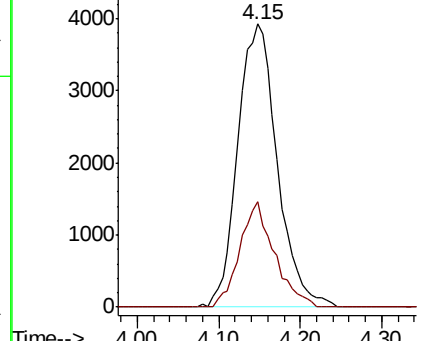
43 100

58 37.3 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: 2.971 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW006714.D

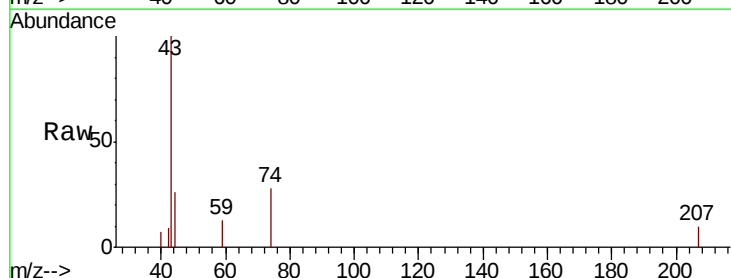
Acq: 07 Nov 2018 05:03

Tgt Ion: 43 Resp: 2589

Ion Ratio Lower Upper

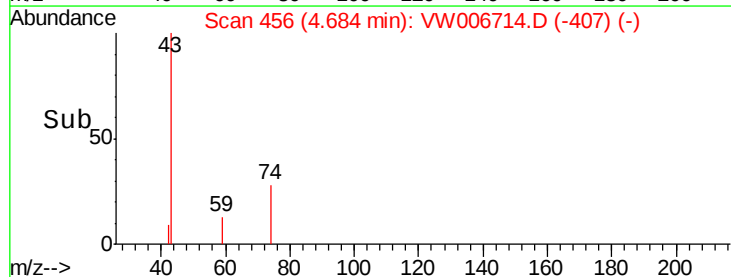
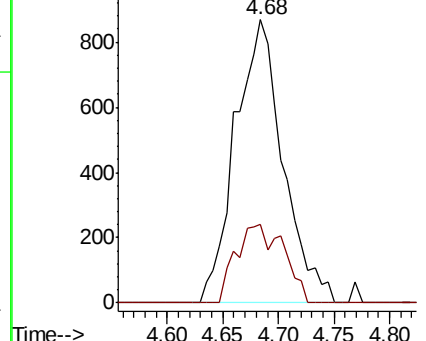
43 100

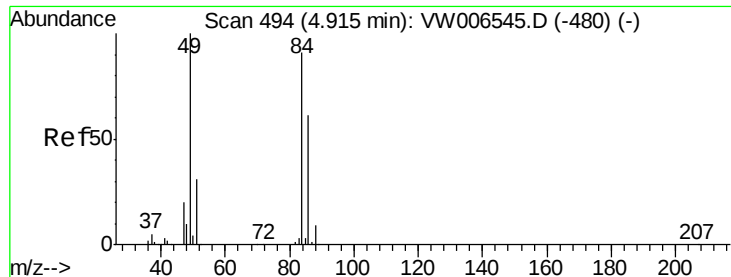
74 27.8 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

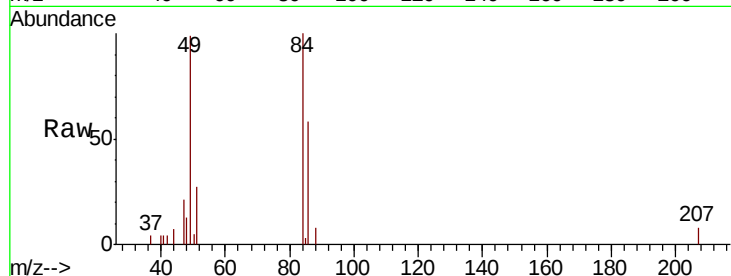




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW006714.D
Acq: 07 Nov 2018 05:03

Instrument :
MSVOA_W
ClientSampleId :
JC-03-110218-HRE

Tot Ion	84	Resp	5747
Ion	Ratio	Lower	Upper
84	100		
49	99.4	88.2	132.4
51	26.7	27.0	40.6#
86	58.4	53.8	80.8



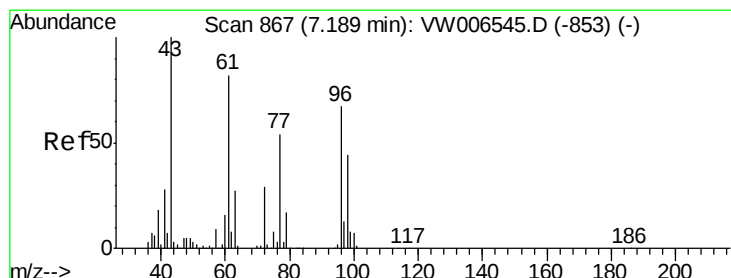
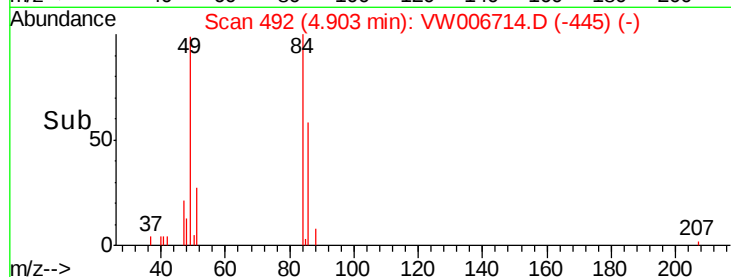
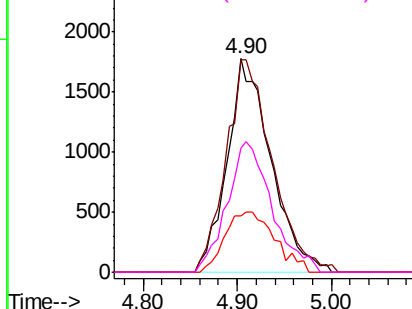
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

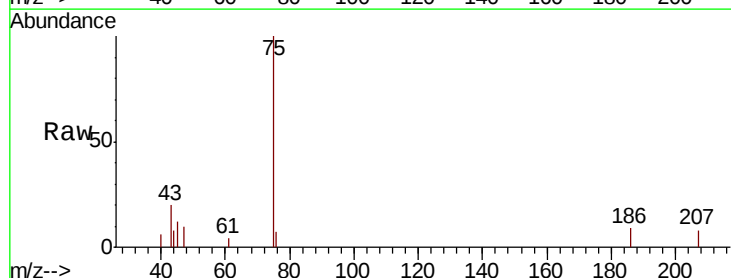
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25
2-Butanone
Concen: 1.126 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.01 min
Lab File: VW006714.D
Acq: 07 Nov 2018 05:03

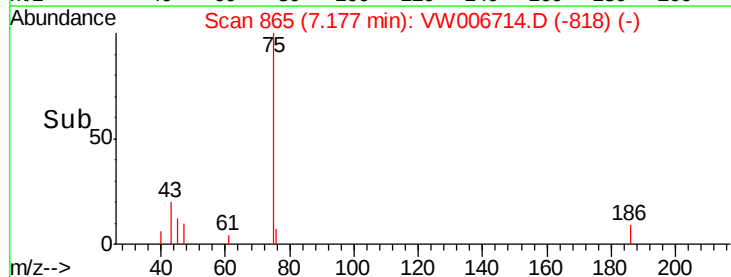
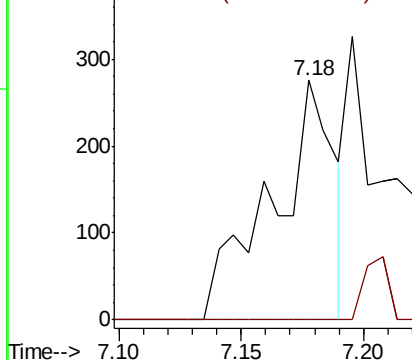
Tgt Ion	43	Resp	487
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.2	34.8#

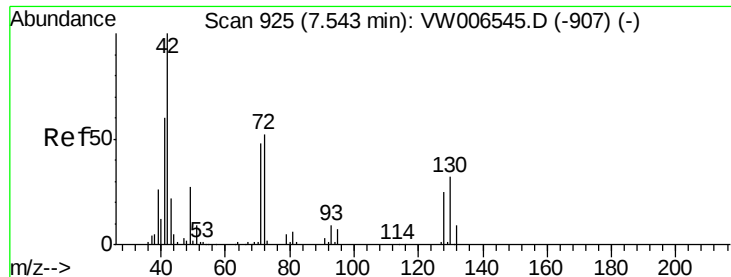


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

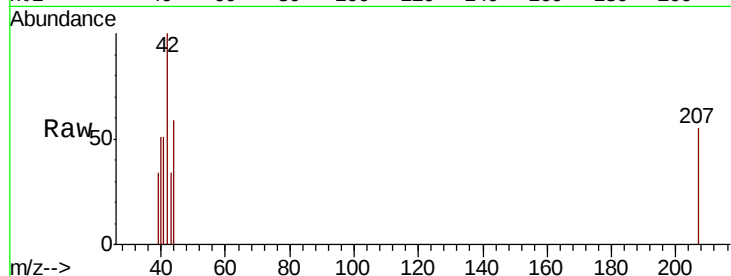




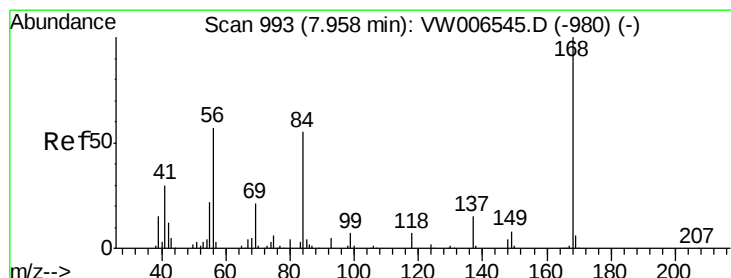
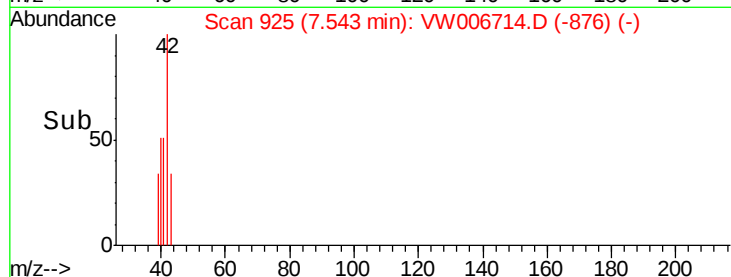
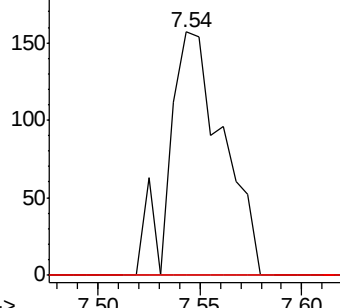
#29
Tetrahydrofuran
Concen: 1.055 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: VW006714.D
Acq: 07 Nov 2018 05:03

Instrument :
MSVOA_W
ClientSampleId :
JC-03-110218-HRE

Tot Ion: 42 Resp: 287
Ion Ratio Lower Upper
42 100
72 0.0 39.2 58.8#
71 0.0 37.6 56.4#

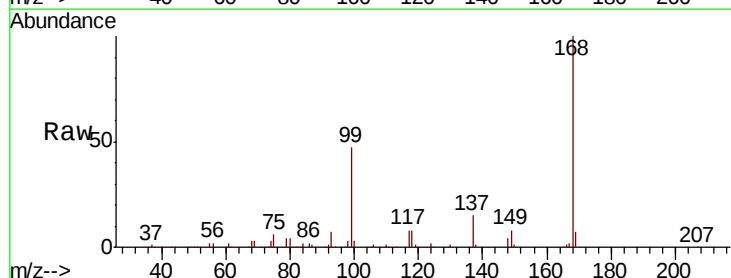


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

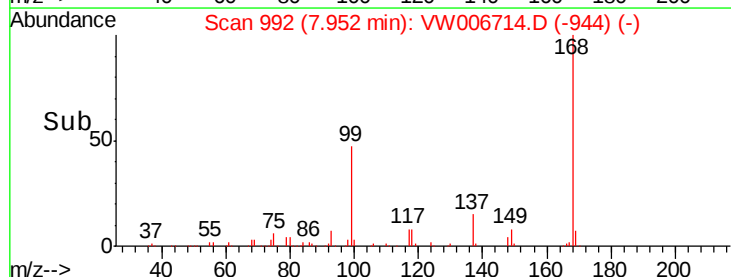
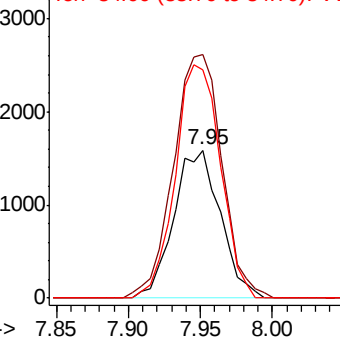


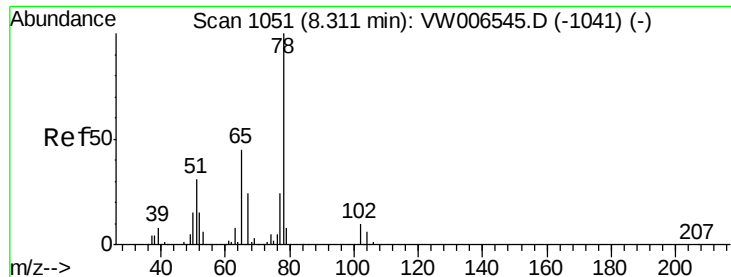
#31
Cyclohexane
Concen: 1.190 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006714.D
Acq: 07 Nov 2018 05:03

Tgt Ion: 56 Resp: 3557
Ion Ratio Lower Upper
56 100
69 164.9 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

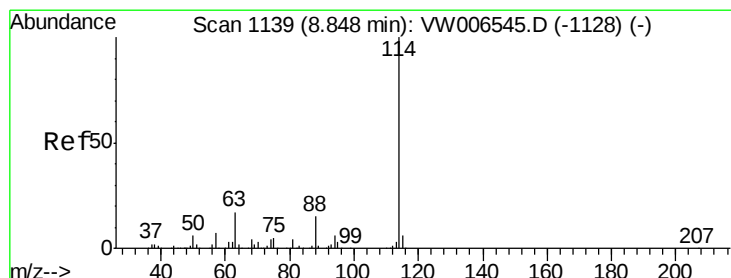
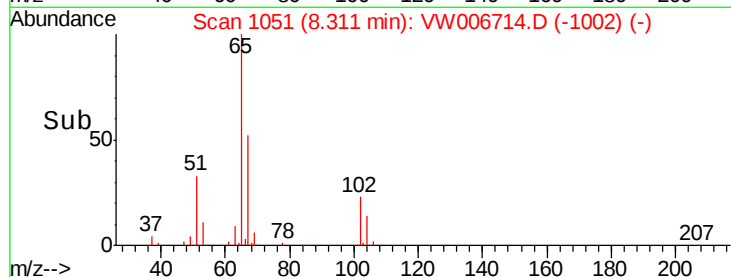
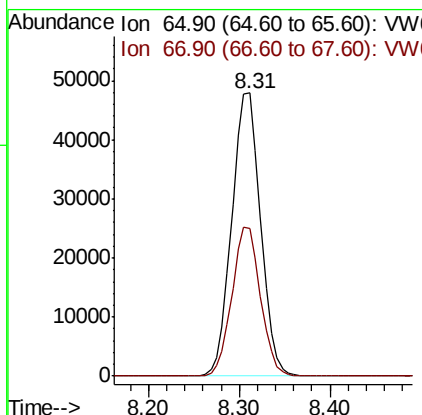
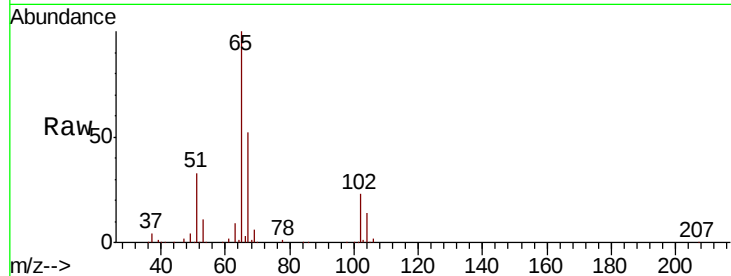




#33
 1,2-Dichloroethane-d4
 Concen: 56.327 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006714.D
 Acq: 07 Nov 2018 05:03

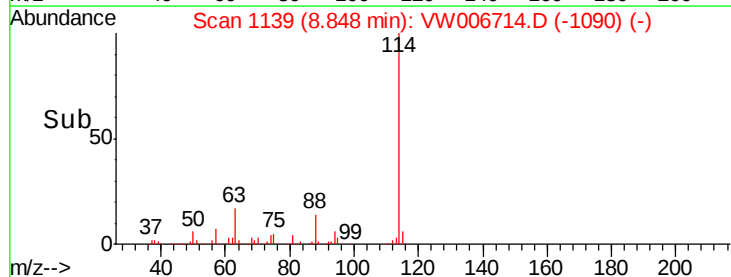
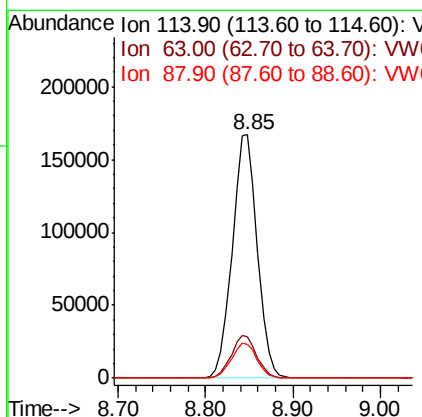
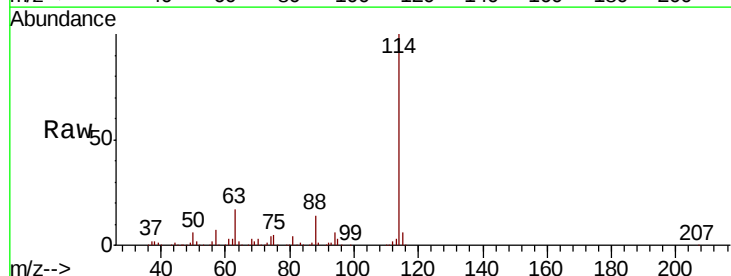
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 JC-03-110218-HRE

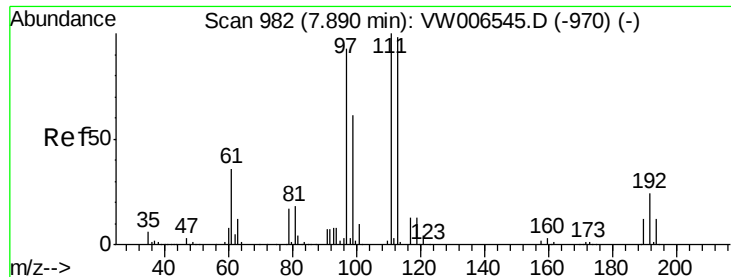
Tot Ion: 65 Resp: 105722
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006714.D
 Acq: 07 Nov 2018 05:03

Tgt Ion: 114 Resp: 331291
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 34.4
 88 14.0 0.0 29.0

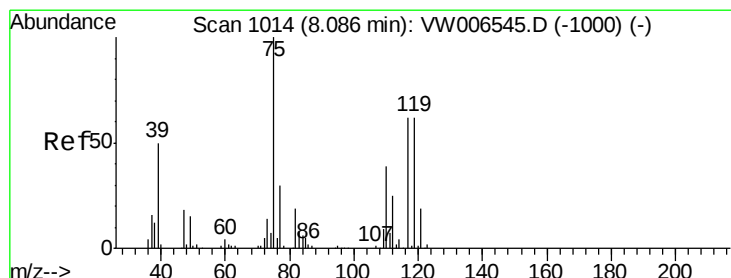
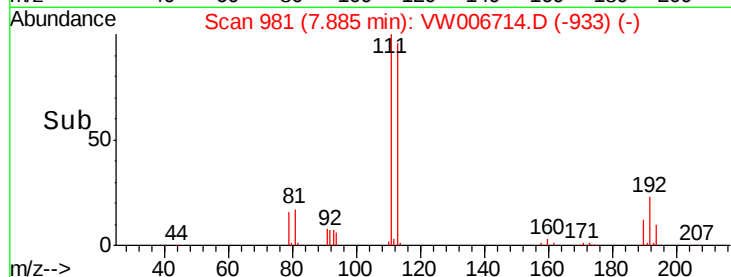
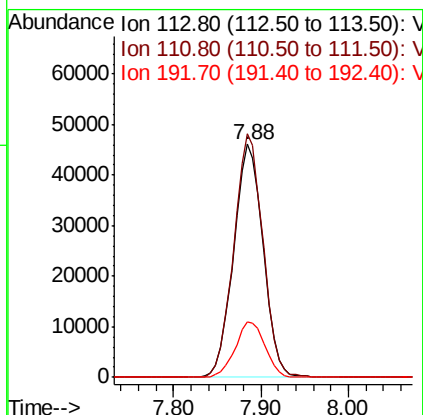
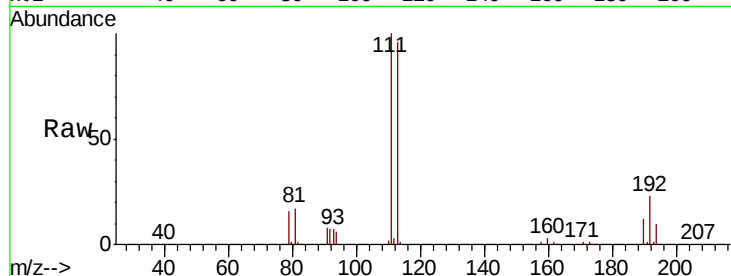




#35
Dibromofluoromethane
Concen: 52.052 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW006714.D
Acq: 07 Nov 2018 05:03

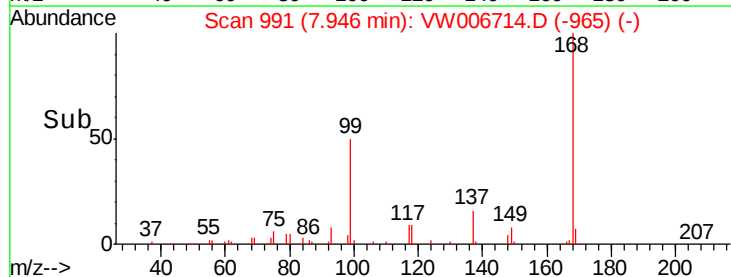
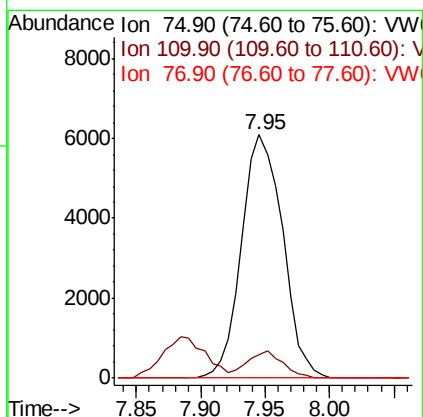
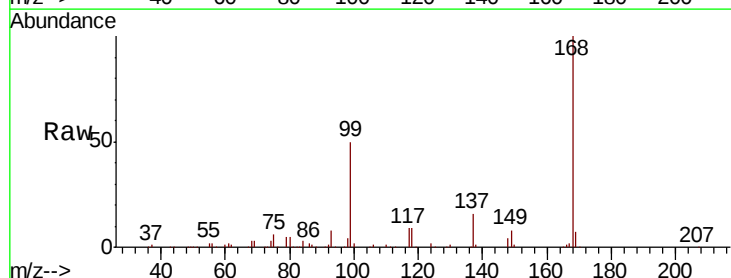
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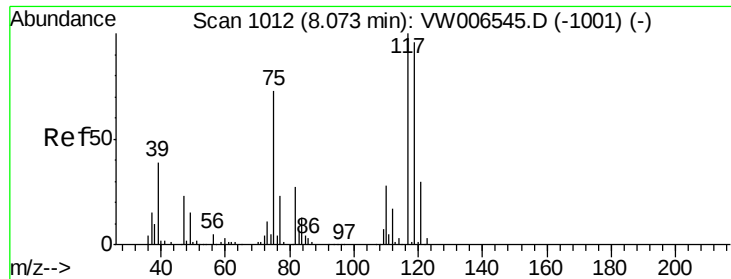
Tot Ion:113 Resp: 108222
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 23.7 19.0 28.6



#36
1,1-Dichloropropene
Concen: 4.627 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.14 min
Lab File: VW006714.D
Acq: 07 Nov 2018 05:03

Tgt Ion: 75 Resp: 13481
Ion Ratio Lower Upper
75 100
110 9.5 19.5 58.5#
77 0.0 24.6 37.0#

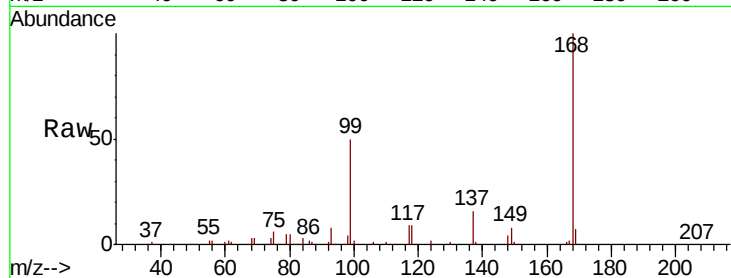




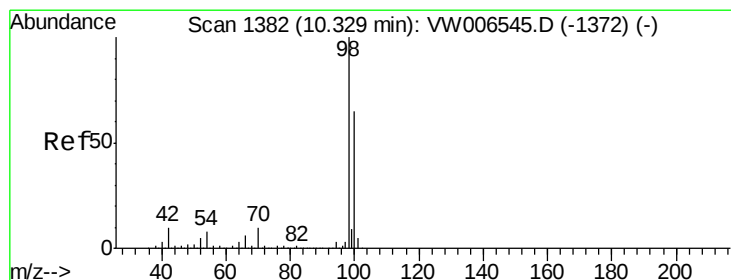
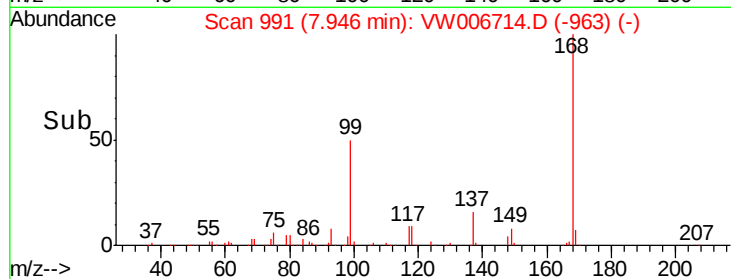
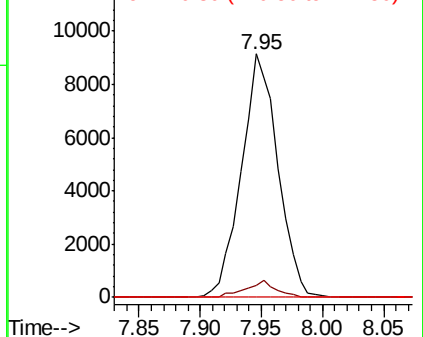
#38
Carbon Tetrachloride
Concen: 6.230 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW006714.D
Acq: 07 Nov 2018 05:03

Instrument :
MSVOA_W
ClientSampleId :
JC-03-110218-HRE

Tot Ion:117 Resp: 18966
Ion Ratio Lower Upper
117 100
119 5.0 76.3 114.5#
121 0.0 24.1 36.1#

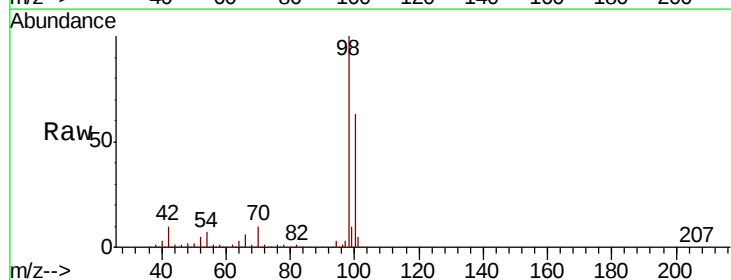


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

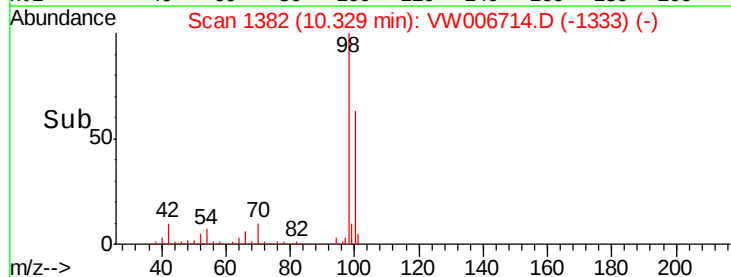
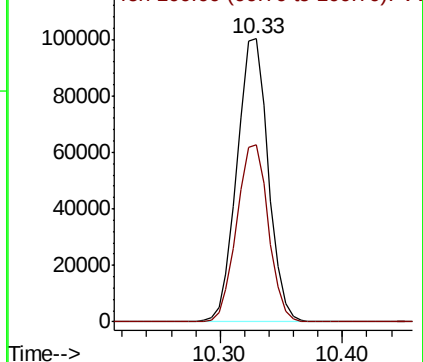


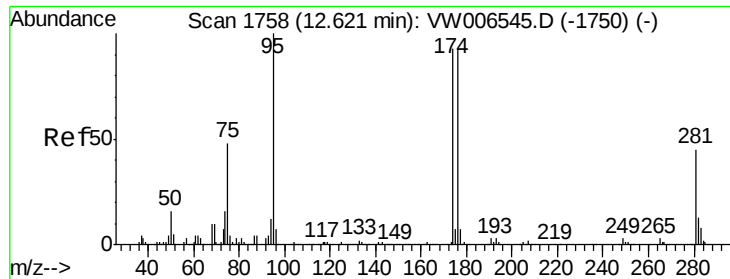
#50
Toluene-d8
Concen: 22.435 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006714.D
Acq: 07 Nov 2018 05:03

Tgt Ion: 98 Resp: 177571
Ion Ratio Lower Upper
98 100
100 63.4 51.6 77.4



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

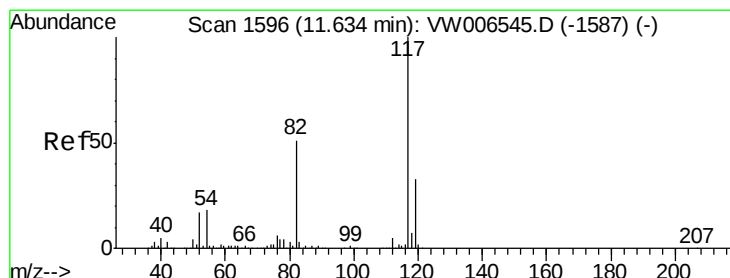
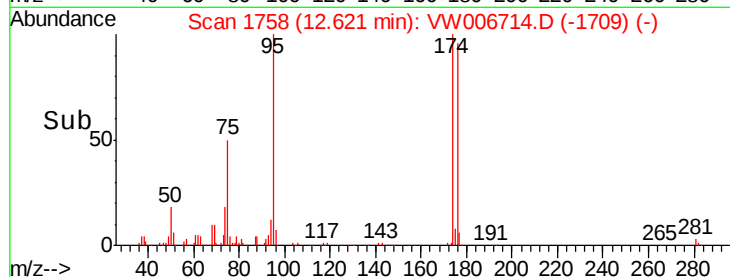
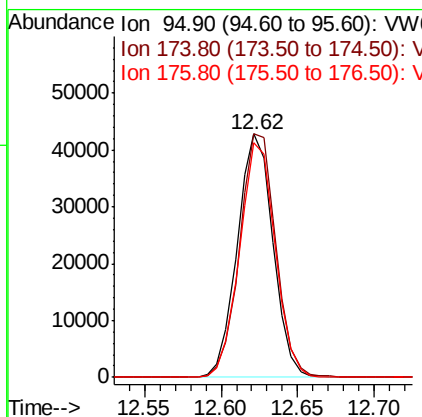
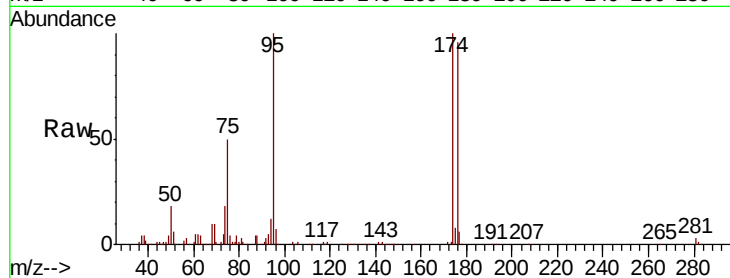




#62
4-Bromofluorobenzene
Concen: 24.111 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006714.D
Acq: 07 Nov 2018 05:03

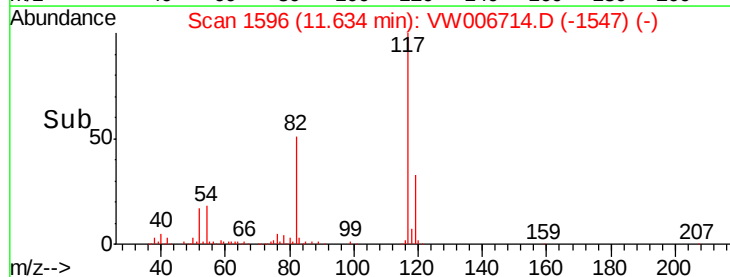
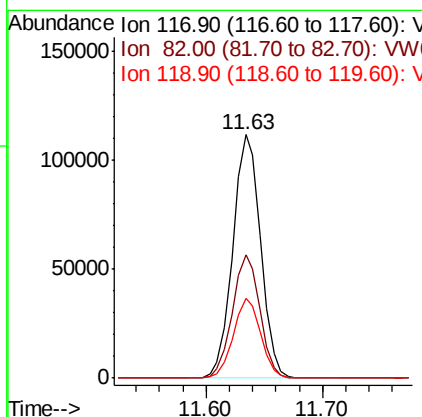
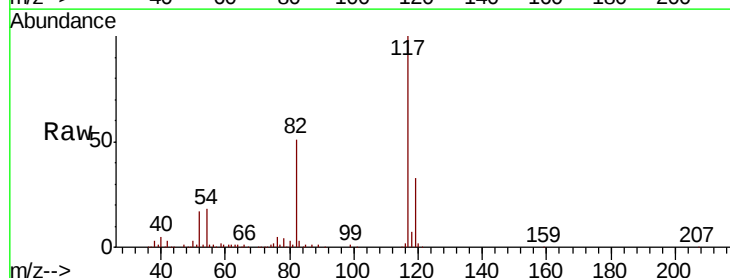
Instrument :
MSVOA_W
ClientSampleId :
JC-03-110218-HRE

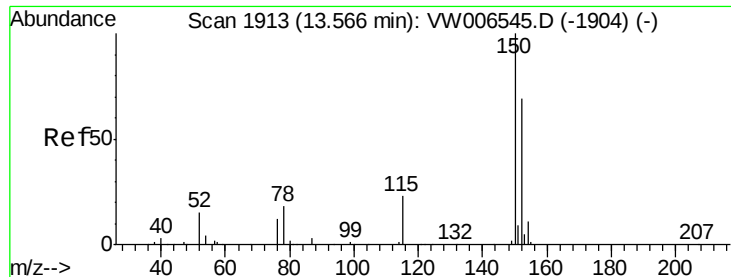
Tot Ion: 95 Resp: 69186
Ion Ratio Lower Upper
95 100
174 101.2 0.0 192.4
176 96.3 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006714.D
Acq: 07 Nov 2018 05:03

Tgt Ion: 117 Resp: 185197
Ion Ratio Lower Upper
117 100
82 50.8 40.8 61.2
119 32.7 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006714.D

Acq: 07 Nov 2018 05:03

Instrument :

MSVOA_W

ClientSampleId :

JC-03-110218-HRE

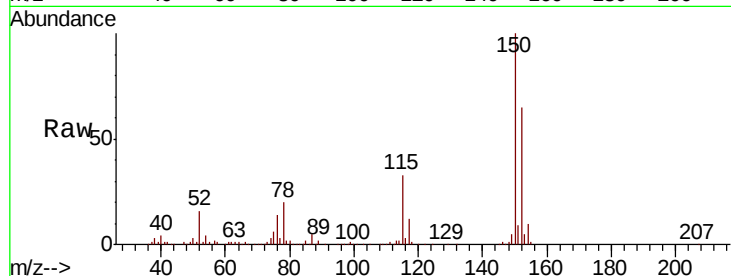
Tot Ion:152 Resp: 65475

Ion Ratio Lower Upper

152 100

115 53.0 26.6 79.8

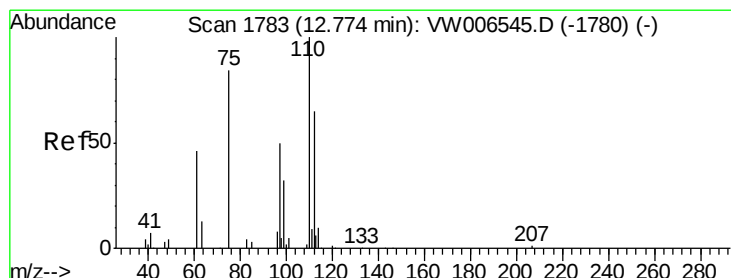
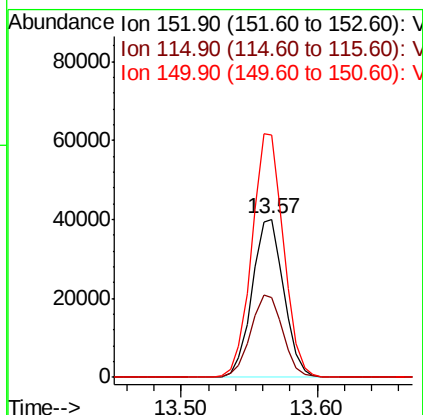
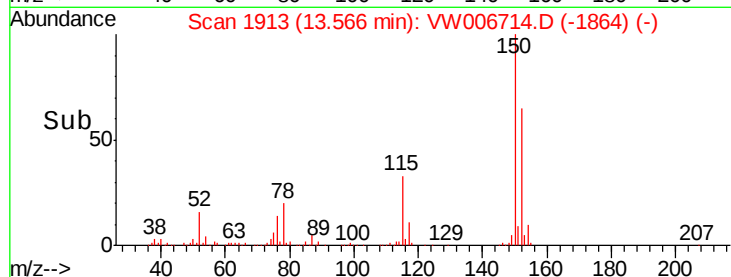
150 154.3 0.0 344.6



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: 66.340 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006714.D

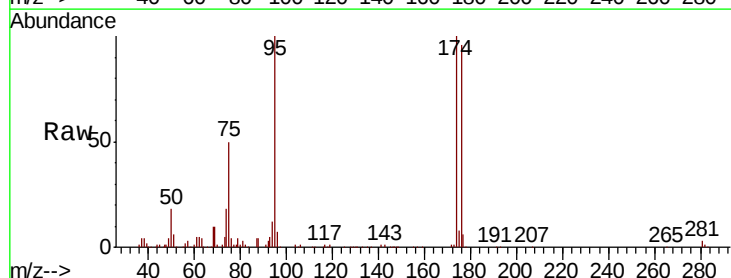
Acq: 07 Nov 2018 05:03

Tgt Ion: 75 Resp: 33890

Ion Ratio Lower Upper

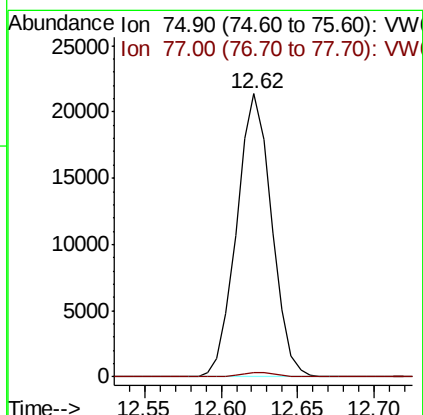
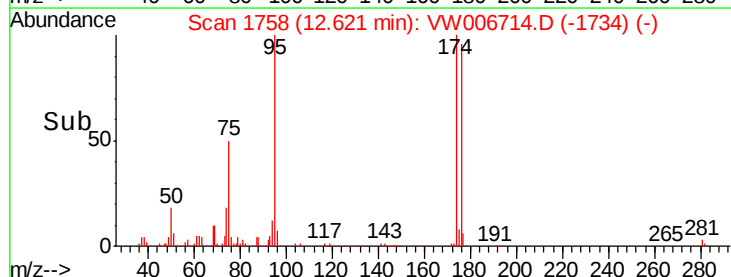
75 100

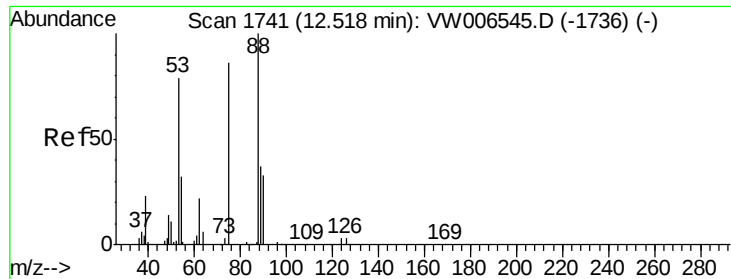
77 1.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

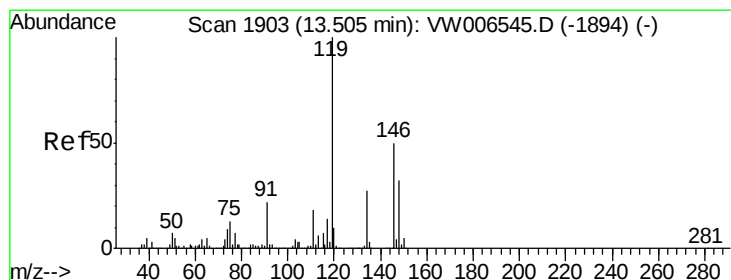
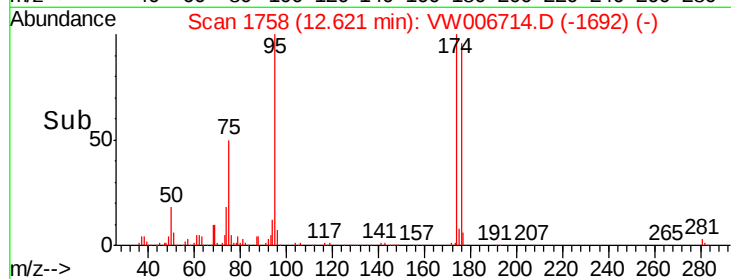
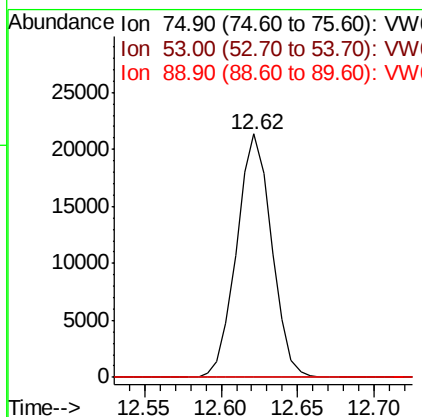
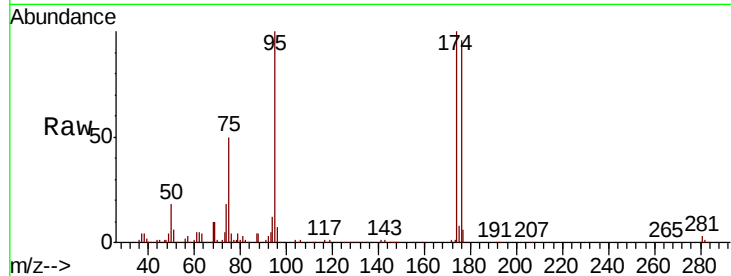




#81
trans-1,4-Dichloro-2-butene
Concen: 165.320 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.10 min
Lab File: VW006714.D
Acq: 07 Nov 2018 05:03

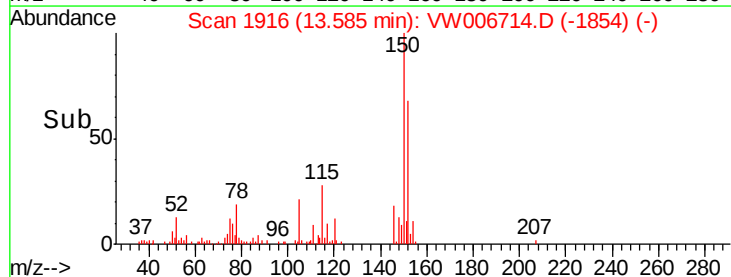
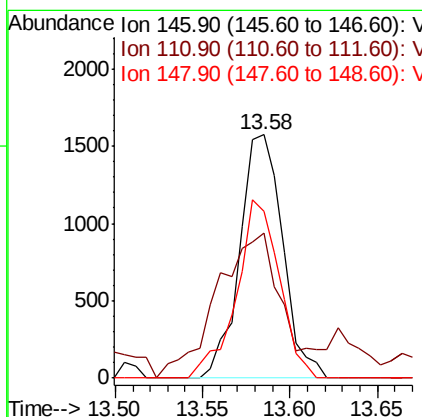
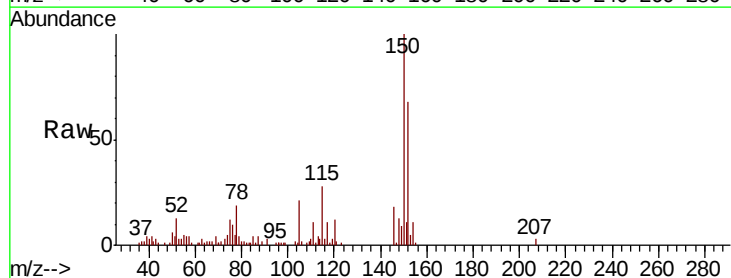
Instrument :
MSVOA_W
ClientSampleId :
JC-03-110218-HRE

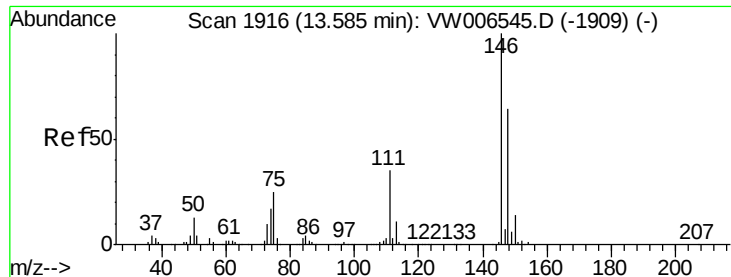
Tot Ion: 75 Resp: 33890
Ion Ratio Lower Upper
75 100
53 0.0 77.2 115.8#
89 0.0 38.6 58.0#



#87
1,3-Dichlorobenzene
Concen: 1.224 ug/l
RT: 13.58 min Scan# 1916
Delta R.T. 0.08 min
Lab File: VW006714.D
Acq: 07 Nov 2018 05:03

Tgt Ion: 146 Resp: 2692
Ion Ratio Lower Upper
146 100
111 90.7 18.6 55.6#
148 72.5 32.1 96.3





#88

1,4-Dichlorobenzene

Concen: 1.235 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VW006714.D

Acq: 07 Nov 2018 05:03

Instrument :

MSVOA_W

ClientSampleId :

JC-03-110218-HRE

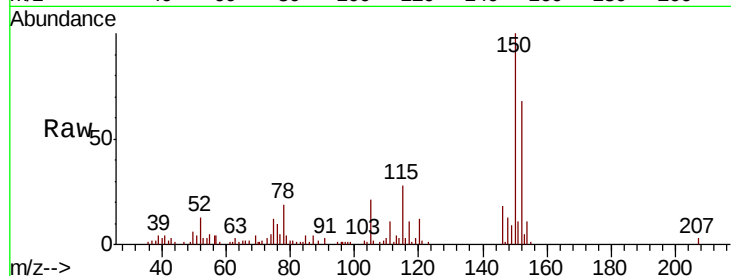
Tot Ion:146 Resp: 2692

Ion Ratio Lower Upper

146 100

111 90.7 17.9 53.7#

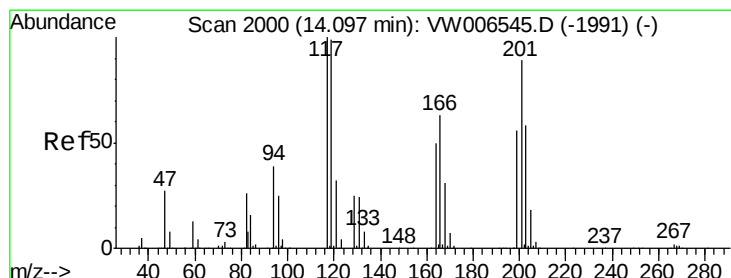
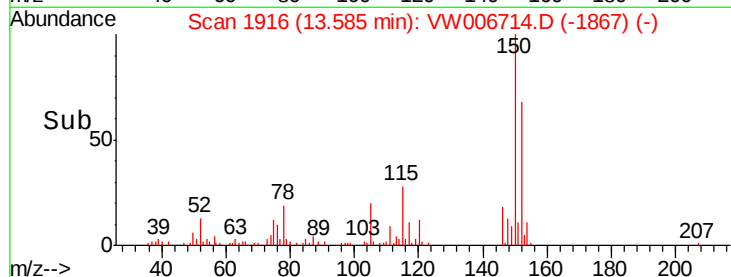
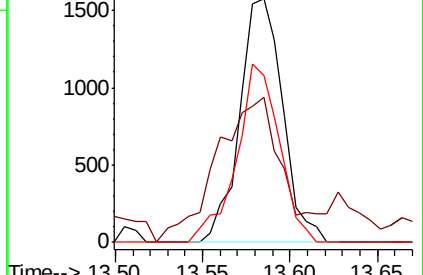
148 72.5 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#90

Hexachloroethane

Concen: 1.327 ug/l

RT: 14.11 min Scan# 2002

Delta R.T. 0.01 min

Lab File: VW006714.D

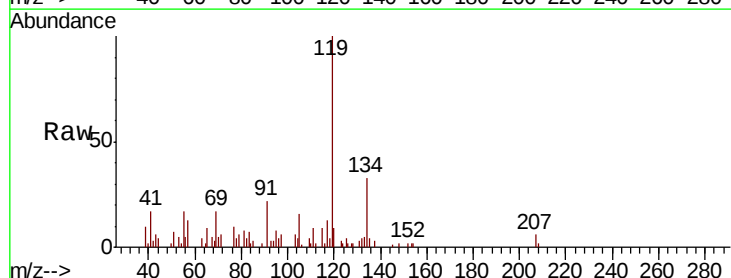
Acq: 07 Nov 2018 05:03

Tgt Ion:117 Resp: 898

Ion Ratio Lower Upper

117 100

201 0.0 46.8 140.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

