

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006713.D
 Acq On : 07 Nov 2018 04:37
 Operator : SY/AP
 Sample : J5764-13RE
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

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

Quant Time: Nov 07 11:33:13 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

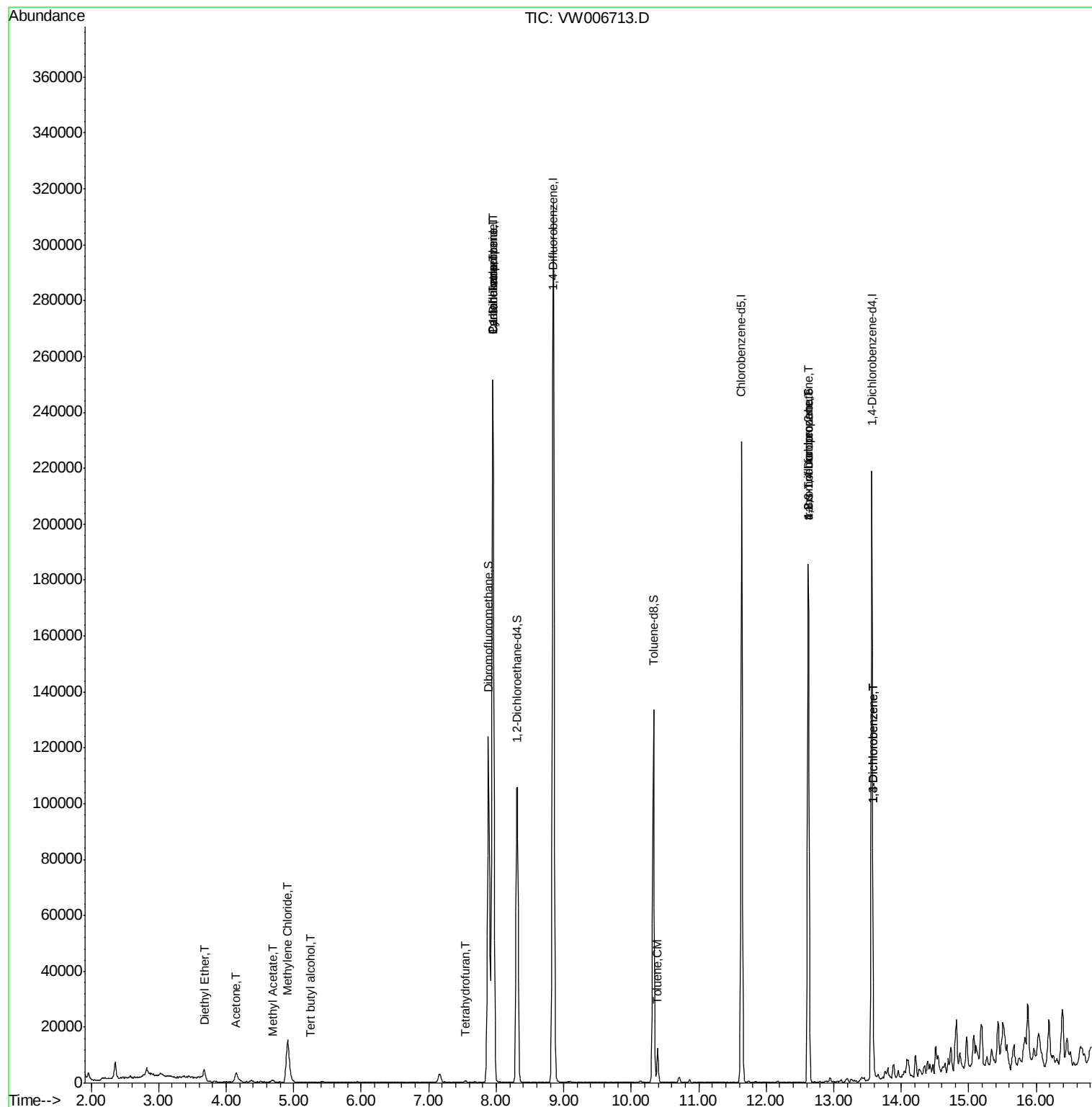
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	207705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	287937	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	134365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	63398	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	85037	47.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.26%	
35) Dibromofluoromethane	7.88	113	86485	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.72%	
50) Toluene-d8	10.32	98	96714	14.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	28.12%	
62) 4-Bromofluorobenzene	12.62	95	56031	22.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	44.94%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.68	74	1970	2.194	ug/l	67
11) Tert butyl alcohol	5.24	59	140	1.455	ug/l #	84
16) Acetone	4.15	43	6751	23.420	ug/l	99
18) Methyl Acetate	4.68	43	1681	2.028	ug/l #	85
20) Methylene Chloride	4.92	84	13497	1.422	ug/l	96
29) Tetrahydrofuran	7.55	42	398	1.538	ug/l #	61
31) Cyclohexane	7.95	56	3407	1.198	ug/l #	3
36) 1,1-Dichloropropene	7.95	75	13114	5.179	ug/l #	47
38) Carbon Tetrachloride	7.95	117	18657	7.051	ug/l #	15
52) Toluene	10.39	92	5260	1.090	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	27568	55.732	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	27568	139.311	ug/l #	11
87) 1,3-Dichlorobenzene	13.58	146	2133	1.002	ug/l #	68
88) 1,4-Dichlorobenzene	13.58	146	2133	1.010	ug/l #	68

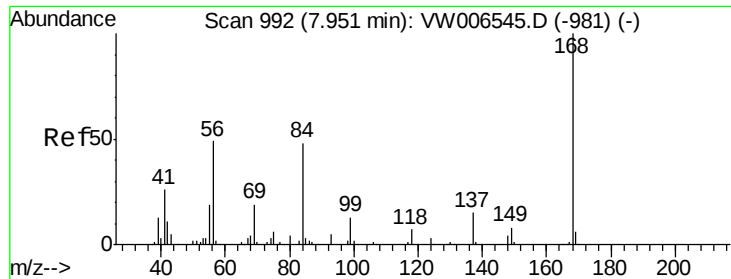
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110618\
Data File : VW006713.D
Acq On : 07 Nov 2018 04:37
Operator : SY/AP
Sample : J5764-13RE
Misc : 5.07G/5ML/MSVOA W/SOIL
ALS Vial : 40 Sample Multiplier: 1

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

Quant Time: Nov 07 11:33:13 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: VW006713.D

Acq: 07 Nov 2018 04:37

Instrument :

MSVOA_W

ClientSampleId :

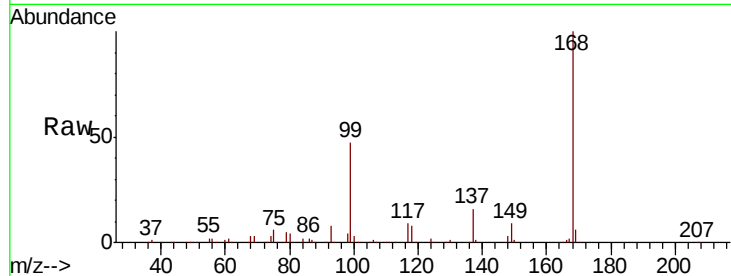
JC-03-110218-GRE

Tot Ion:168 Resp: 207705

Ion Ratio Lower Upper

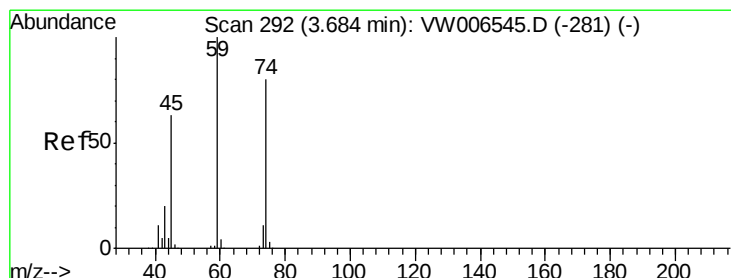
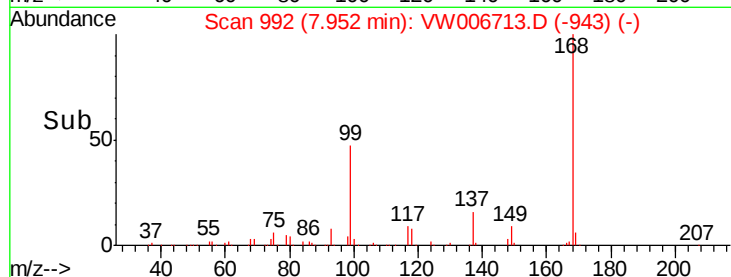
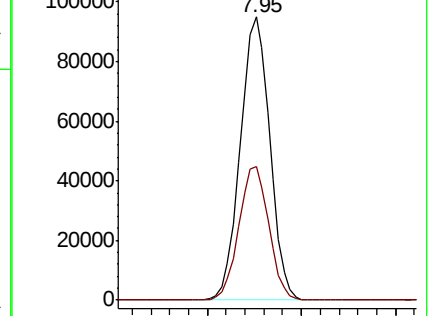
168 100

99 47.2 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: 2.194 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006713.D

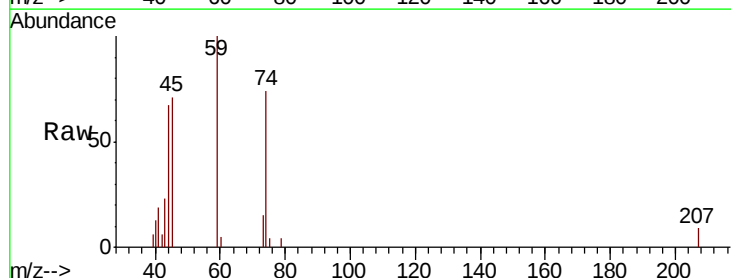
Acq: 07 Nov 2018 04:37

Tgt Ion: 74 Resp: 1970

Ion Ratio Lower Upper

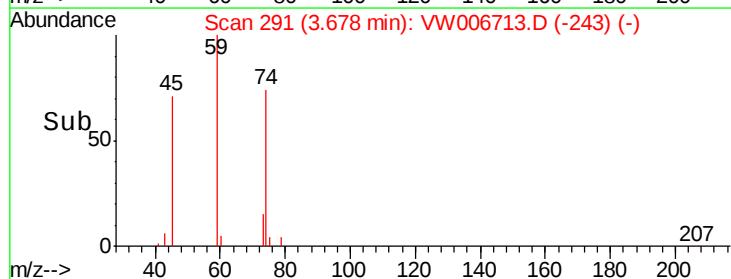
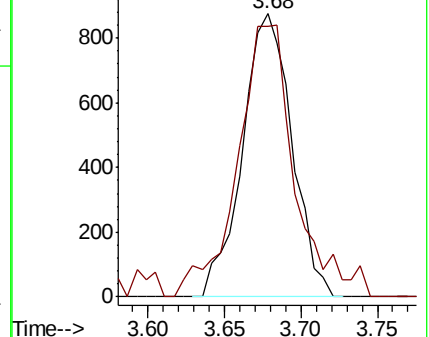
74 100

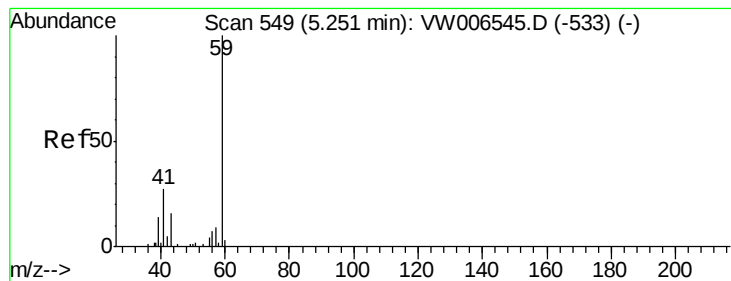
45 111.8 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



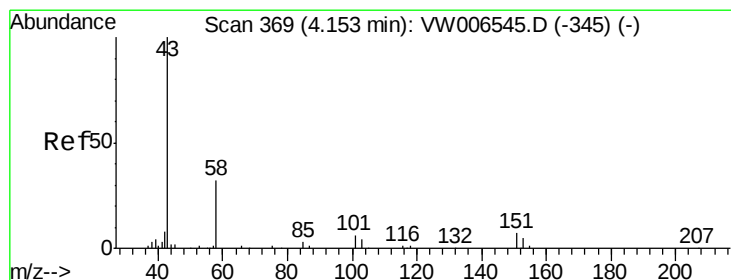
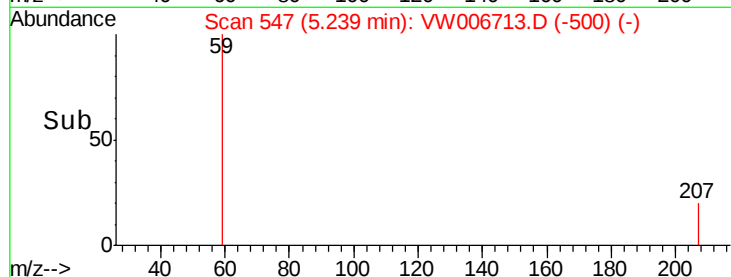
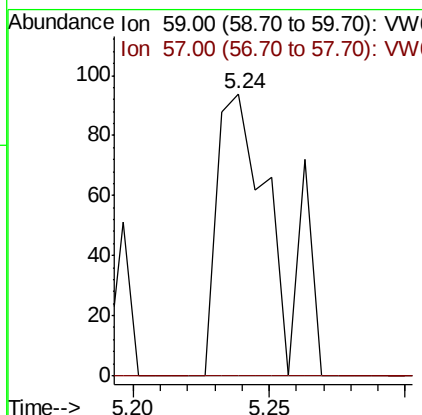
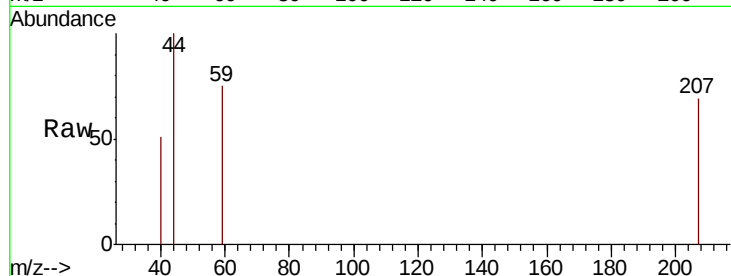


#11

Tert butyl alcohol
Concen: 1.455 ug/l
RT: 5.24 min Scan# 547
Delta R.T. -0.01 min
Lab File: VW006713.D
Acq: 07 Nov 2018 04:37

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

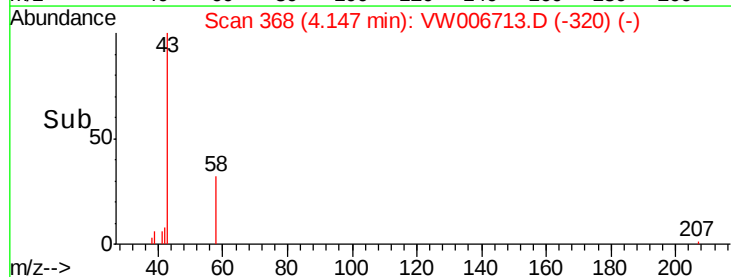
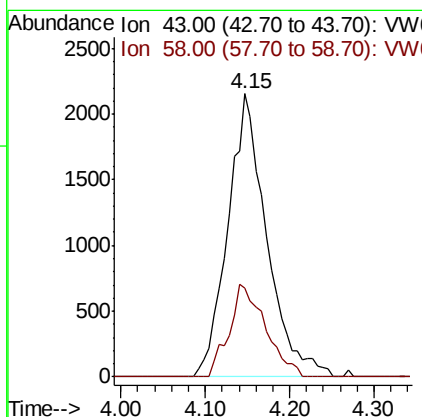
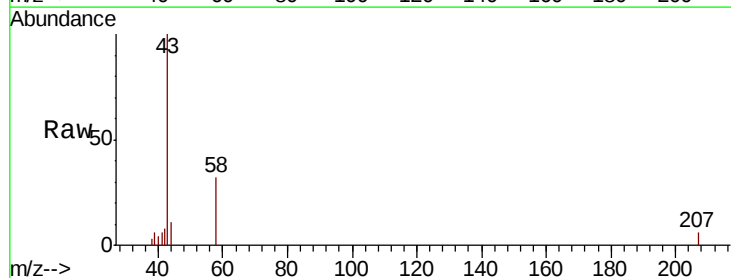
Tot Ion: 59 Resp: 140
Ion Ratio Lower Upper
59 100
57 0.0 4.3 6.5#

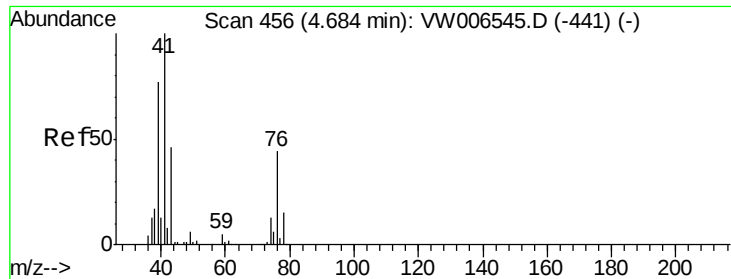


#16

Acetone
Concen: 23.420 ug/l
RT: 4.15 min Scan# 368
Delta R.T. -0.01 min
Lab File: VW006713.D
Acq: 07 Nov 2018 04:37

Tgt Ion: 43 Resp: 6751
Ion Ratio Lower Upper
43 100
58 31.6 25.8 38.8

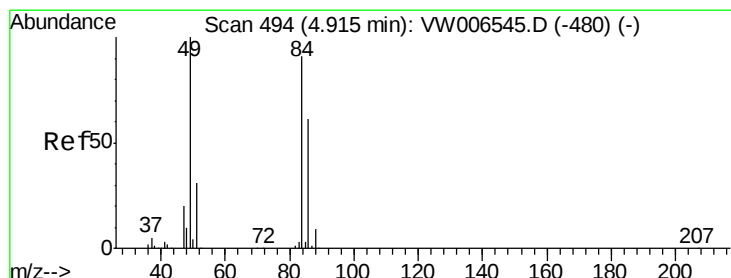
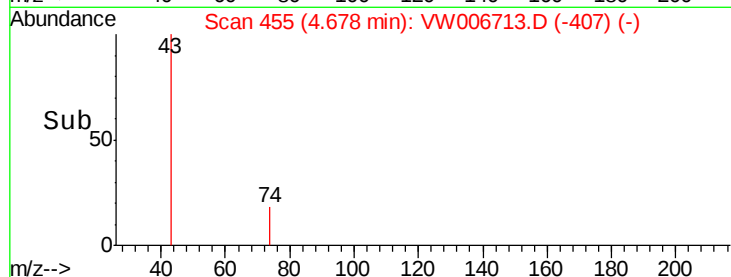
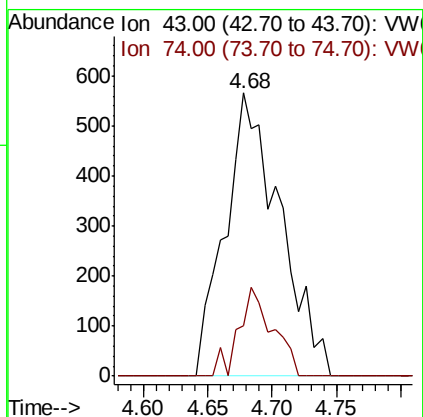
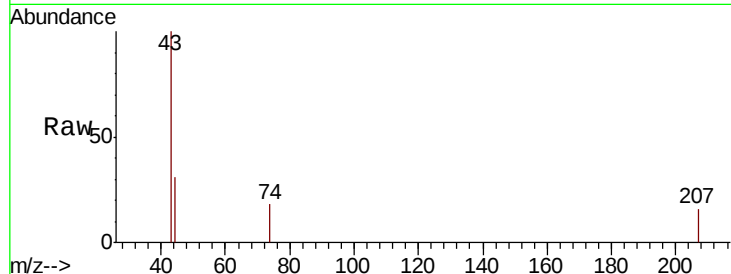




#18
Methyl Acetate
Concen: 2.028 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW006713.D
Acq: 07 Nov 2018 04:37

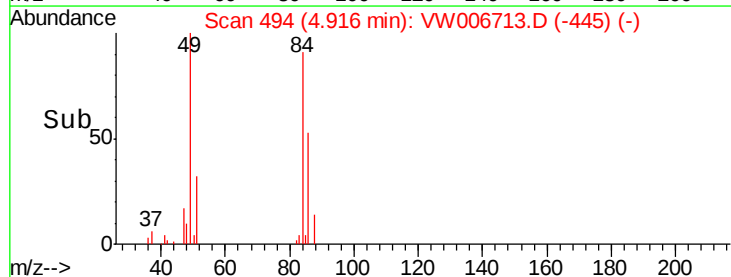
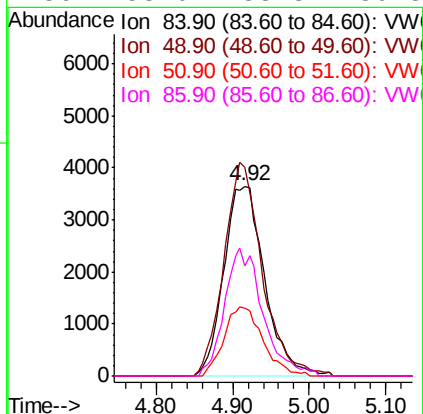
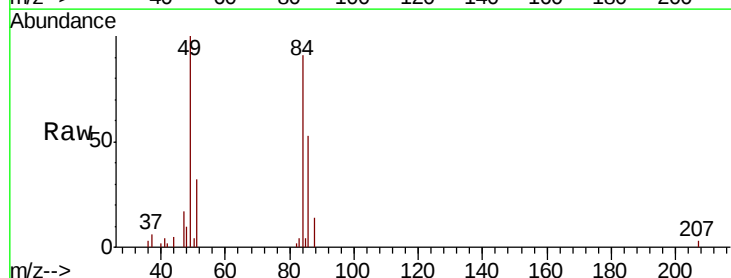
Instrument :
MSVOA_W
ClientSampleId :
JC-03-110218-GRE

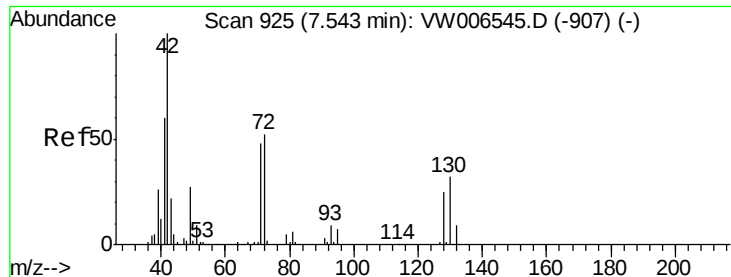
Tot Ion: 43 Resp: 1681
Ion Ratio Lower Upper
43 100
74 19.4 21.9 32.9#



#20
Methylene Chloride
Concen: 1.422 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006713.D
Acq: 07 Nov 2018 04:37

Tgt Ion: 84 Resp: 13497
Ion Ratio Lower Upper
84 100
49 110.1 88.2 132.4
51 35.7 27.0 40.6
86 58.0 53.8 80.8

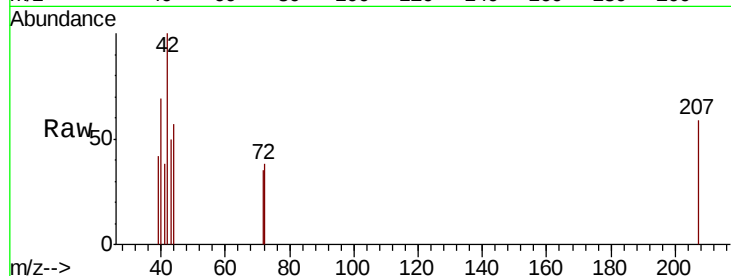




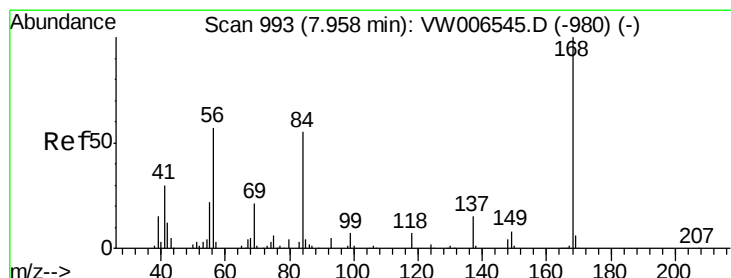
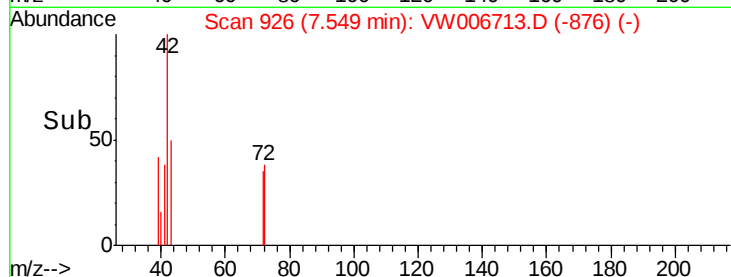
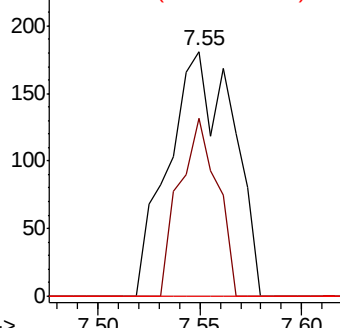
#29
Tetrahydrofuran
Concen: 1.538 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.01 min
Lab File: VW006713.D
Acq: 07 Nov 2018 04:37

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

Tot Ion: 42 Resp: 398
Ion Ratio Lower Upper
42 100
72 43.0 39.2 58.8
71 0.0 37.6 56.4#

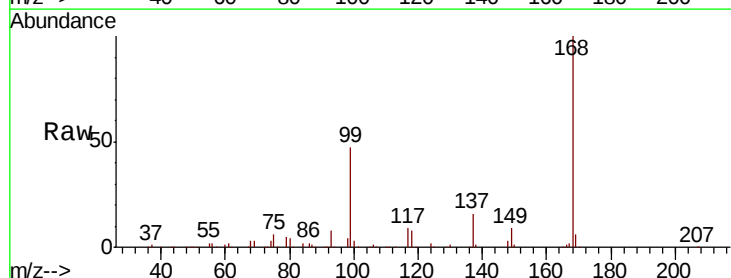


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

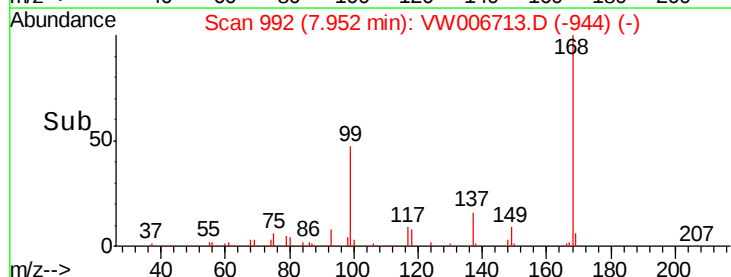
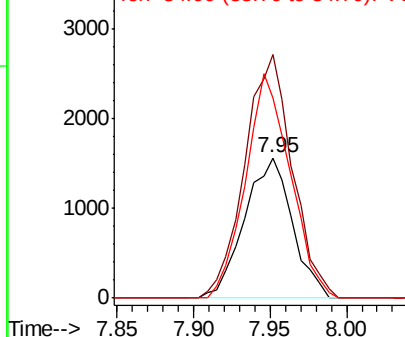


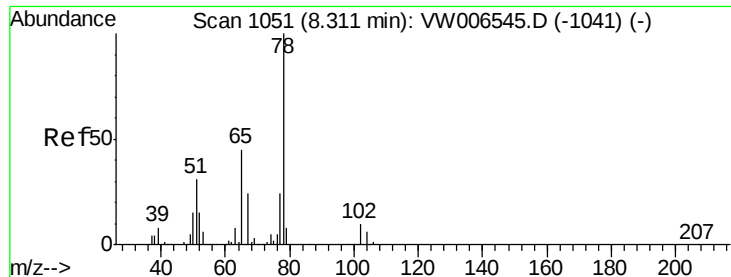
#31
Cyclohexane
Concen: 1.198 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006713.D
Acq: 07 Nov 2018 04:37

Tgt Ion: 56 Resp: 3407
Ion Ratio Lower Upper
56 100
69 173.8 29.0 43.4#
84 142.6 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: 47.629 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006713.D

Acq: 07 Nov 2018 04:37

Instrument :

MSVOA_W

ClientSampleId :

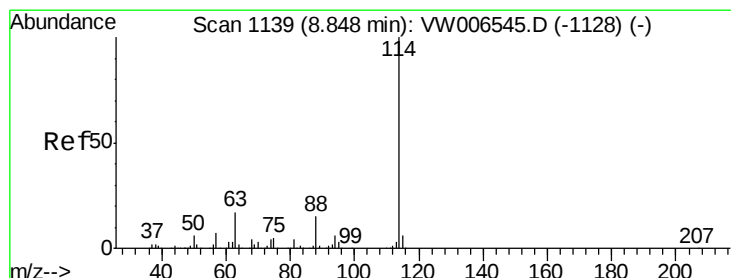
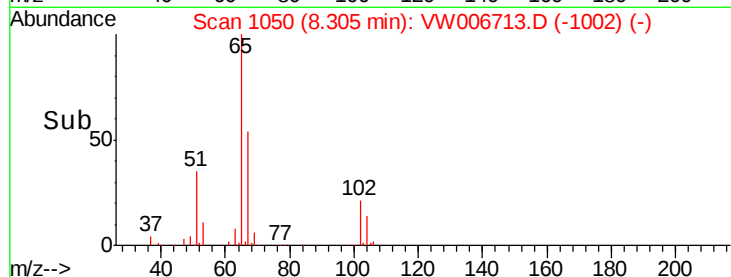
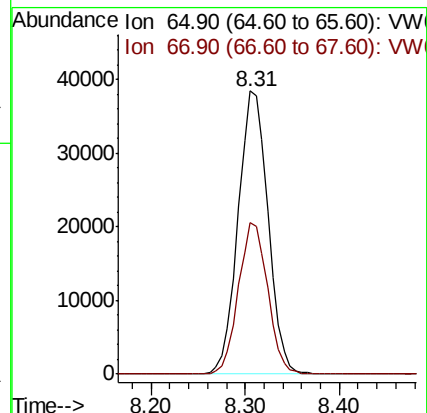
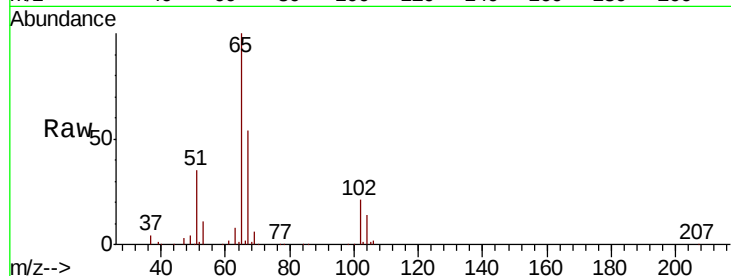
JC-03-110218-GRE

Tot Ion: 65 Resp: 85037

Ion Ratio Lower Upper

65 100

67 52.4 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: VW006713.D

Acq: 07 Nov 2018 04:37

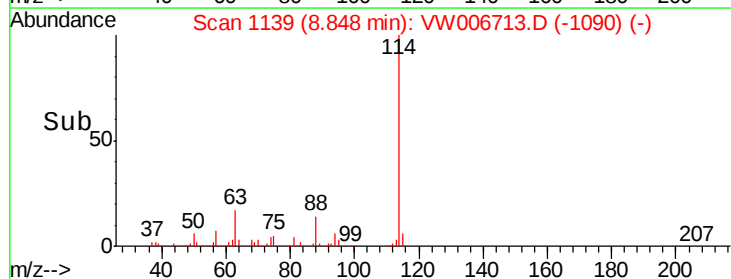
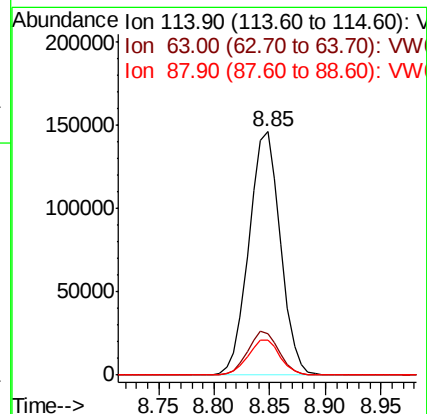
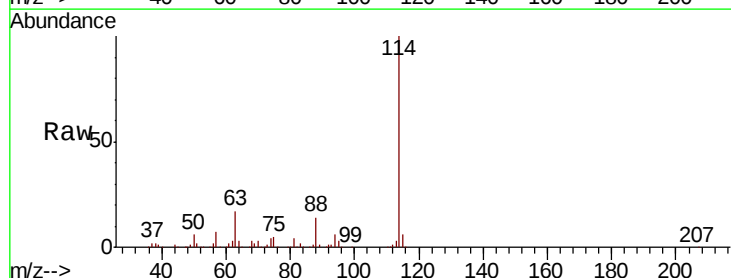
Tgt Ion: 114 Resp: 287937

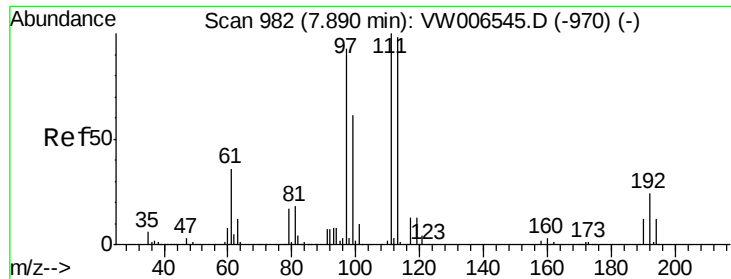
Ion Ratio Lower Upper

114 100

63 17.0 0.0 34.4

88 14.2 0.0 29.0

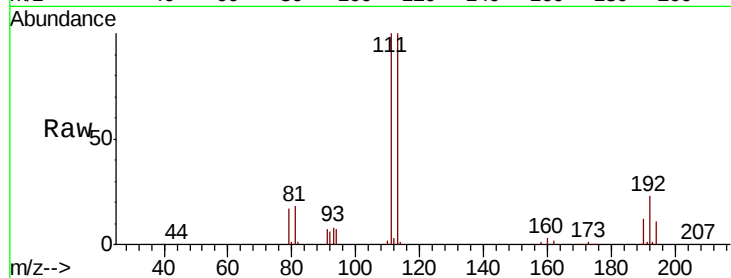




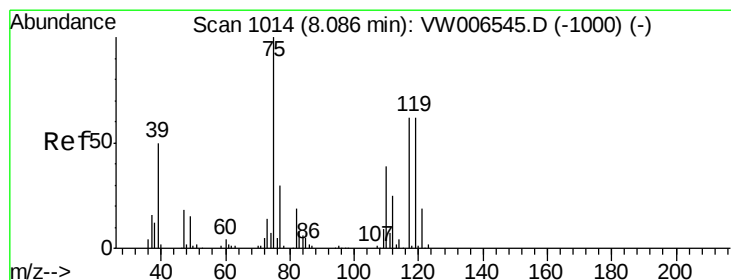
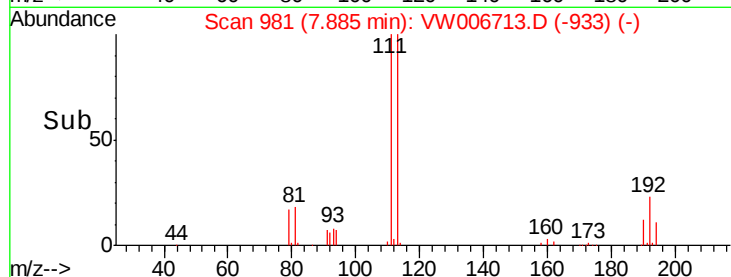
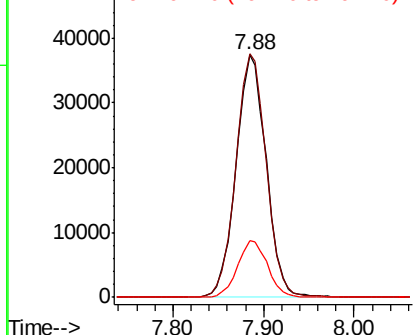
#35
 Dibromofluoromethane
 Concen: 47.860 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006713.D
 Acq: 07 Nov 2018 04:37

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

Tot Ion:113 Resp: 86485
 Ion Ratio Lower Upper
 113 100
 111 100.9 82.2 123.2
 192 23.4 19.0 28.6

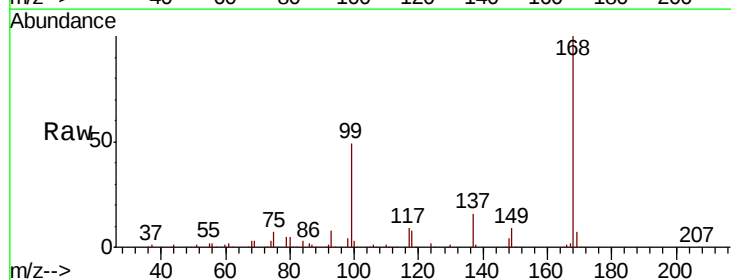


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

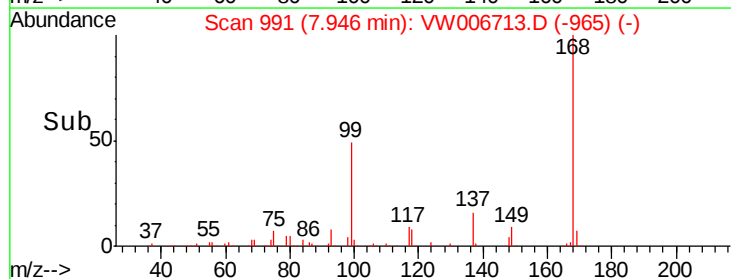
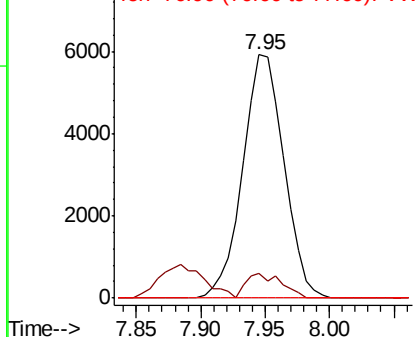


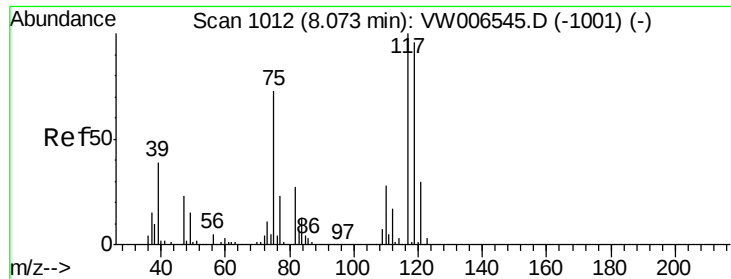
#36
 1,1-Dichloropropene
 Concen: 5.179 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006713.D
 Acq: 07 Nov 2018 04:37

Tgt Ion: 75 Resp: 13114
 Ion Ratio Lower Upper
 75 100
 110 8.7 19.5 58.5#
 77 0.0 24.6 37.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

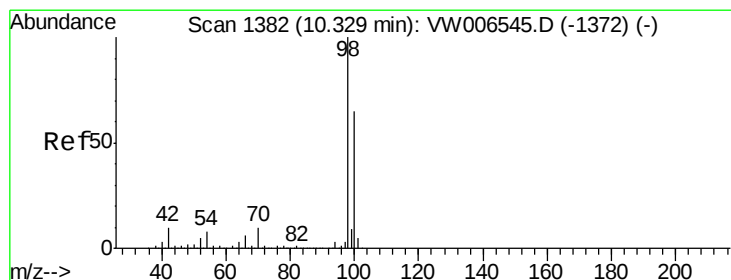
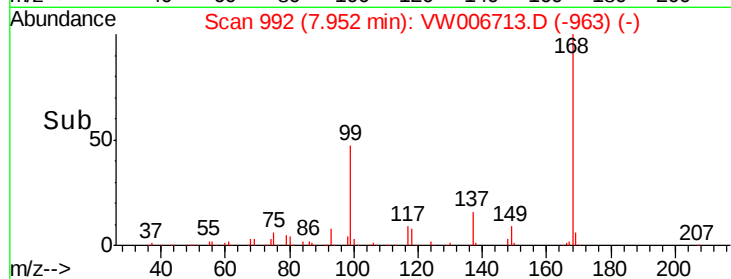
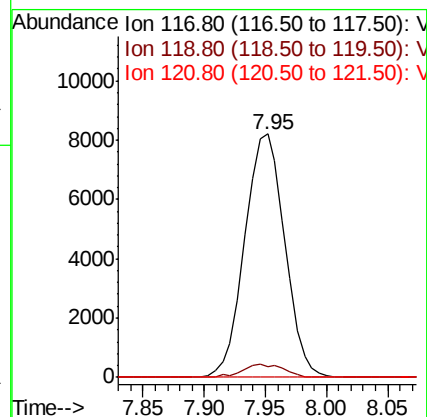
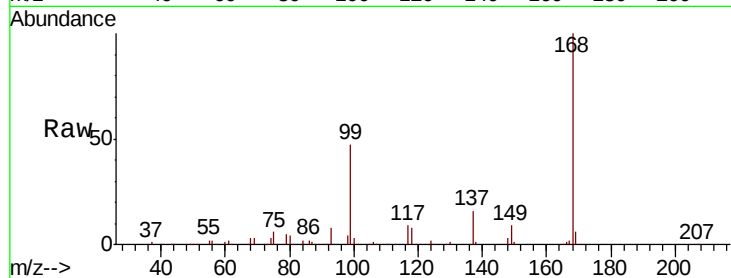




#38
Carbon Tetrachloride
Concen: 7.051 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006713.D
Acq: 07 Nov 2018 04:37

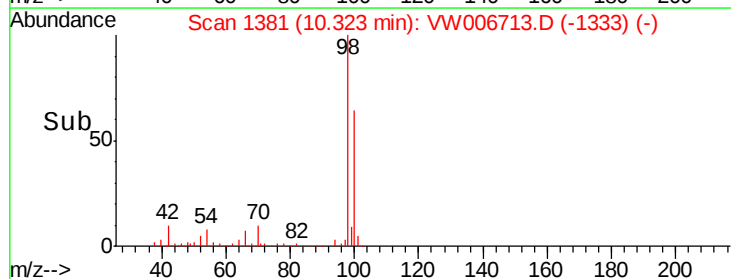
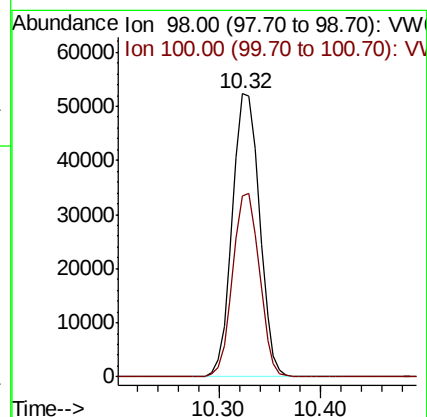
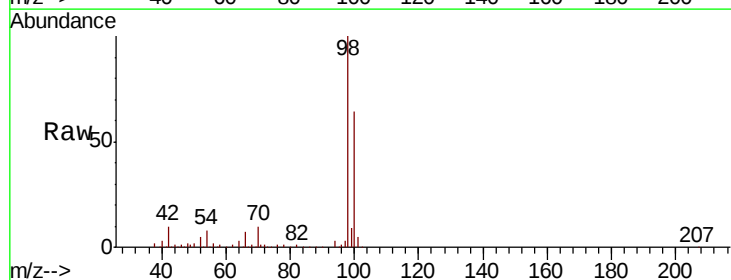
Instrument :
MSVOA_W
ClientSampleId :
JC-03-110218-GRE

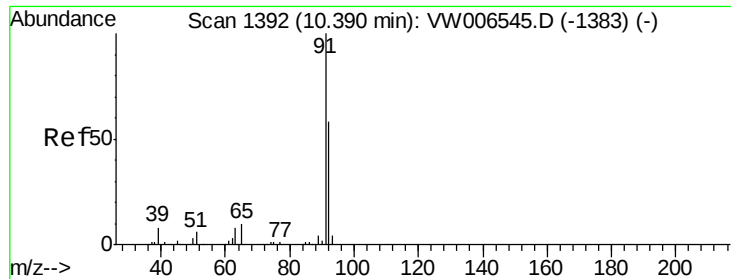
Tot Ion:117 Resp: 18657
Ion Ratio Lower Upper
117 100
119 4.1 76.3 114.5#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 14.059 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006713.D
Acq: 07 Nov 2018 04:37

Tgt Ion: 98 Resp: 96714
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4





#52

Toluene

Concen: 1.090 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006713.D

Acq: 07 Nov 2018 04:37

Instrument :

MSVOA_W

ClientSampleId :

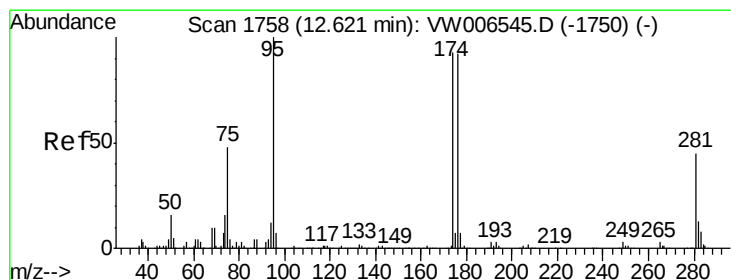
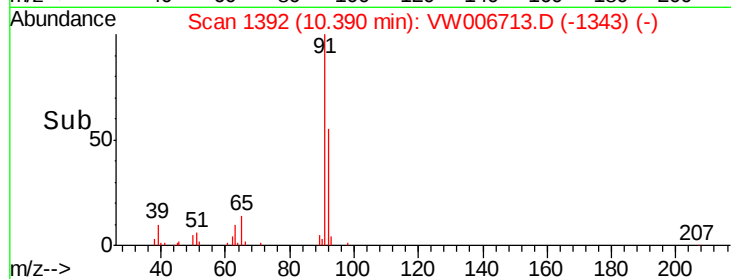
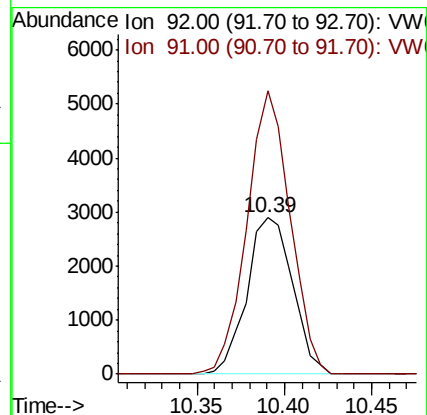
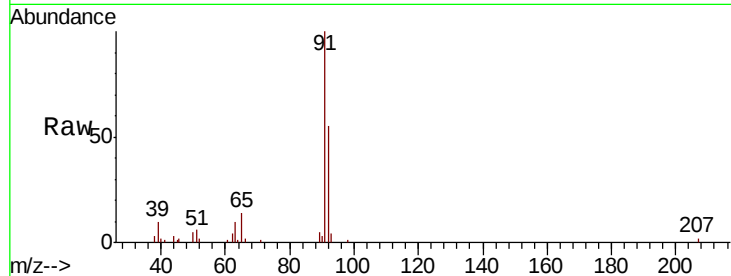
JC-03-110218-GRE

Tot Ion: 92 Resp: 5260

Ion Ratio Lower Upper

92 100

91 170.9 138.6 208.0



#62

4-Bromofluorobenzene

Concen: 22.467 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006713.D

Acq: 07 Nov 2018 04:37

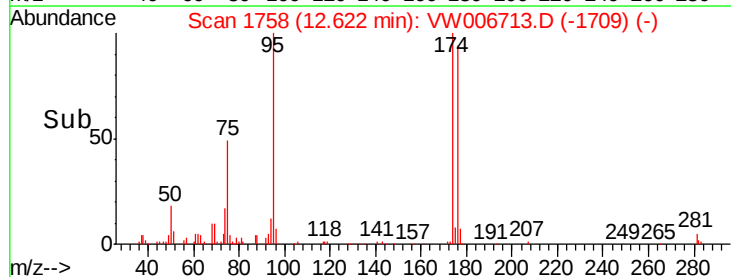
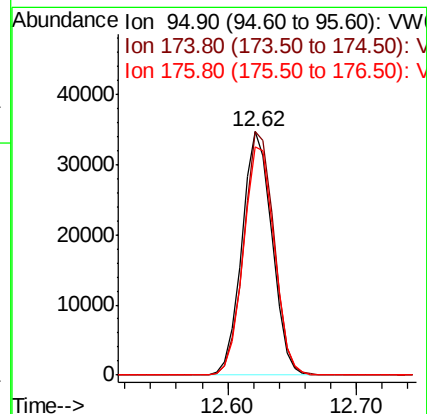
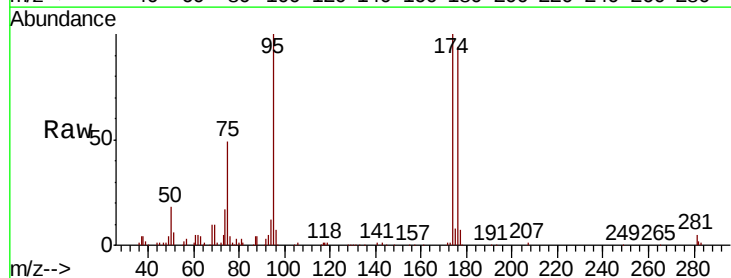
Tgt Ion: 95 Resp: 56031

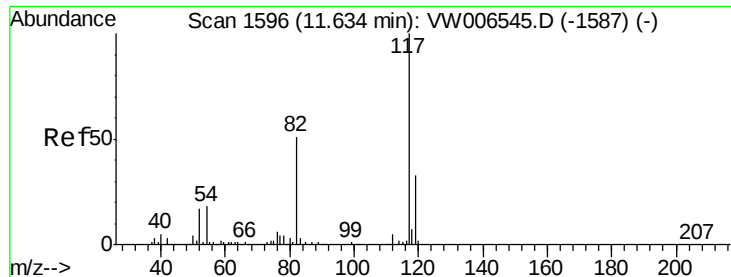
Ion Ratio Lower Upper

95 100

174 100.1 0.0 192.4

176 95.8 0.0 187.4

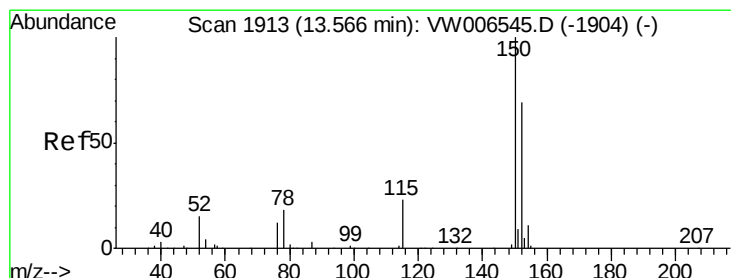
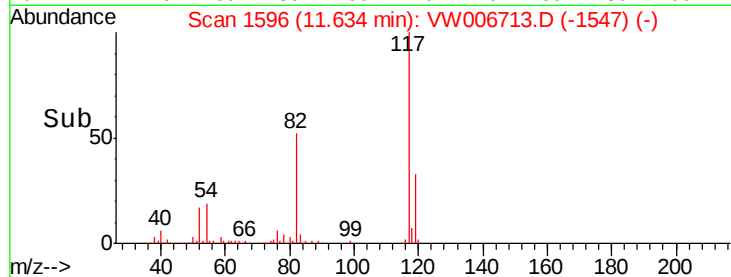
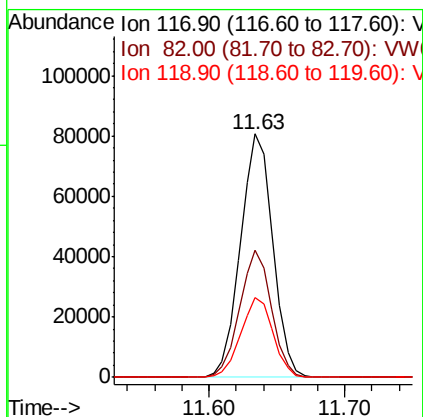
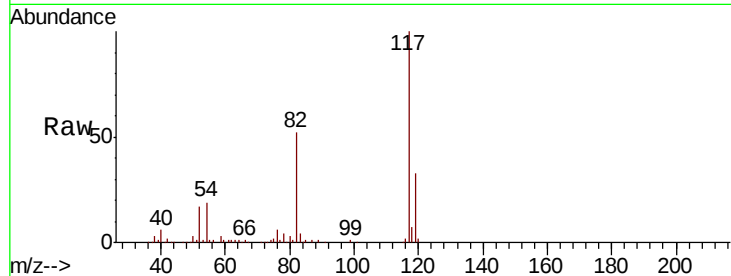




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006713.D
Acq: 07 Nov 2018 04:37

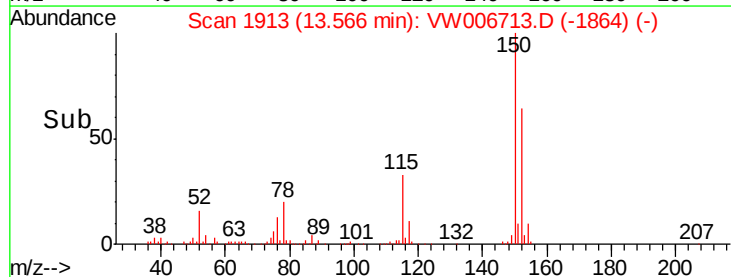
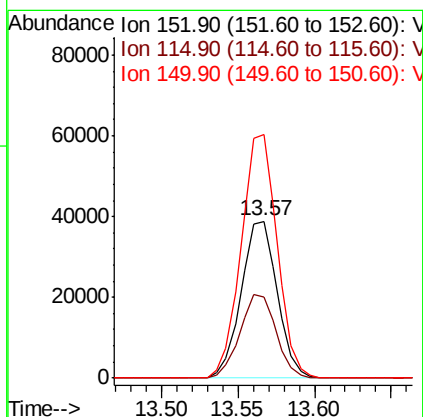
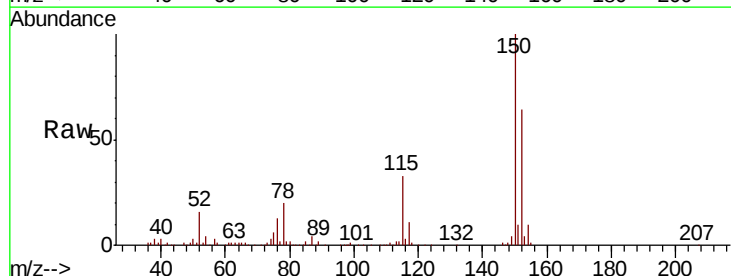
Instrument :
MSVOA_W
ClientSampleId :
JC-03-110218-GRE

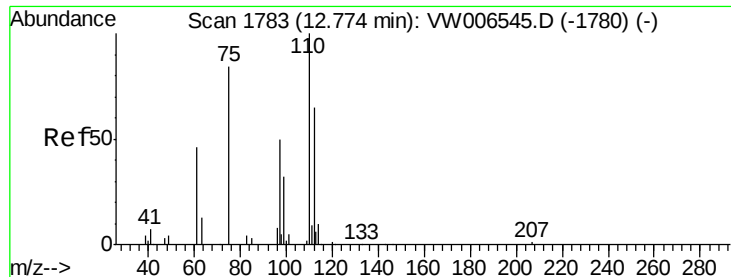
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	40.8	61.2
119	32.6	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006713.D
Acq: 07 Nov 2018 04:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.6	26.6	79.8
150	155.3	0.0	344.6





#76

1,2,3-Trichloropropane

Concen: 55.732 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006713.D

Acq: 07 Nov 2018 04:37

Instrument :

MSVOA_W

ClientSampleId :

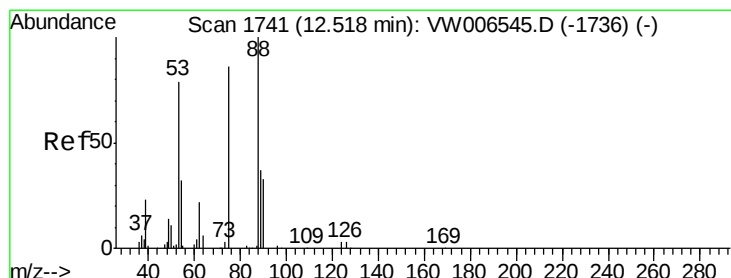
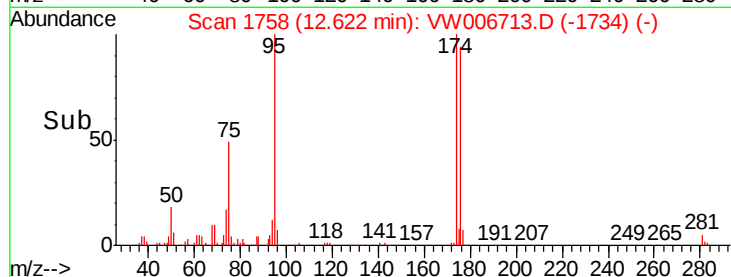
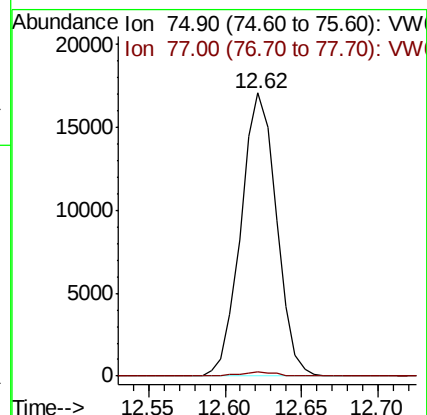
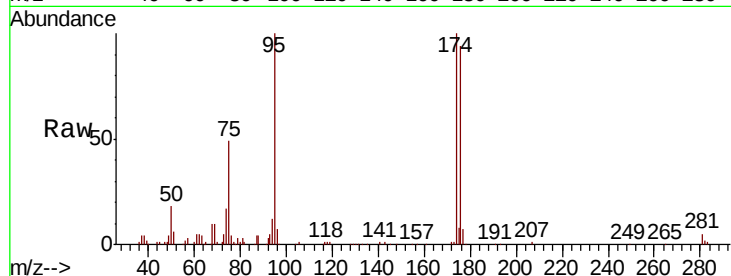
JC-03-110218-GRE

Tot Ion: 75 Resp: 27568

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 139.311 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006713.D

Acq: 07 Nov 2018 04:37

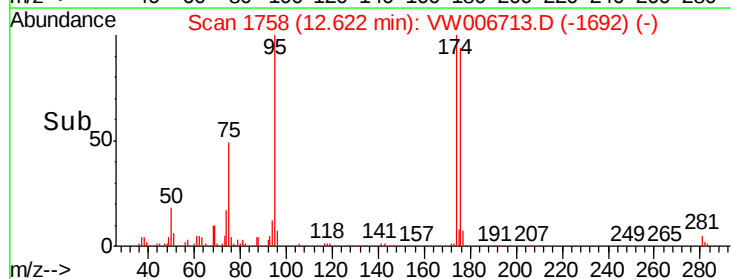
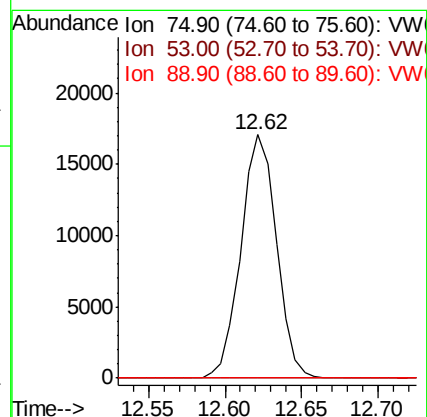
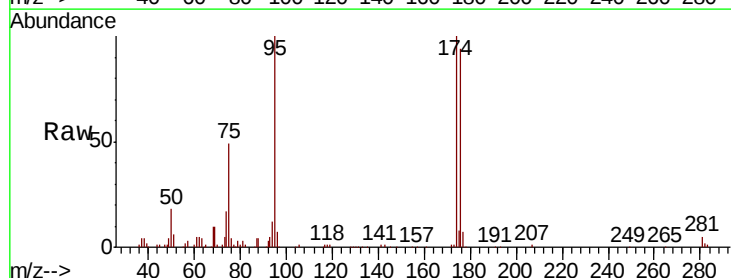
Tgt Ion: 75 Resp: 27568

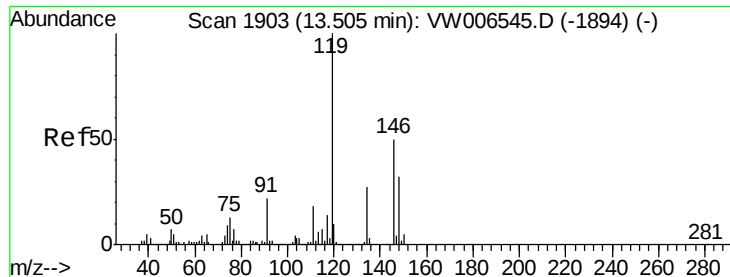
Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.0 38.6 58.0#

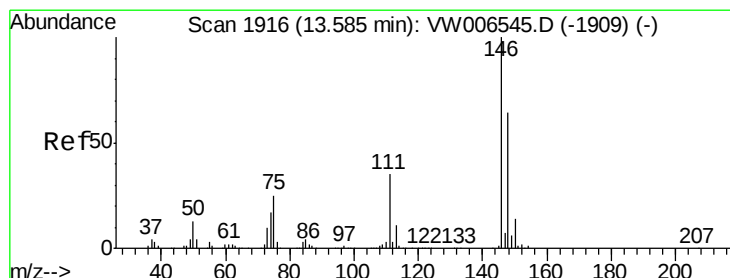
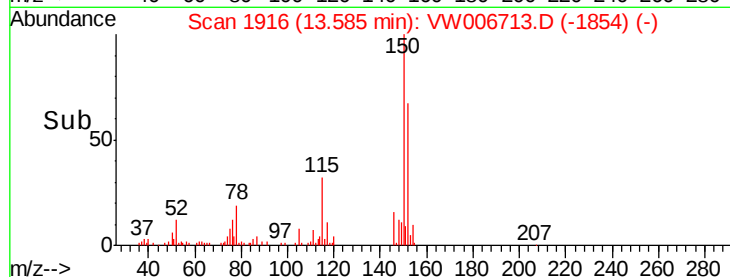
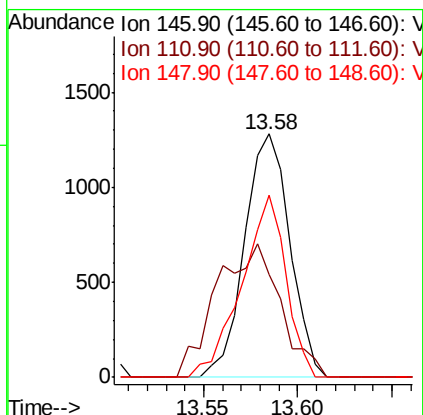
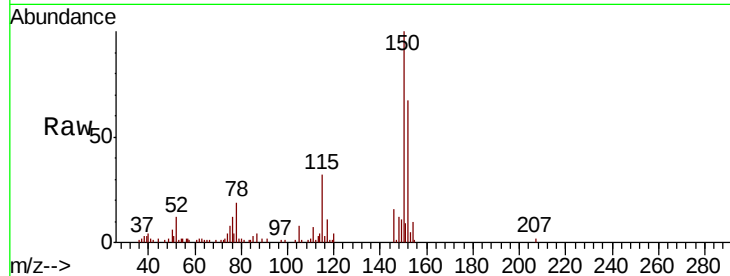




#87
 1,3-Dichlorobenzene
 Concen: 1.002 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.08 min
 Lab File: VW006713.D
 Acq: 07 Nov 2018 04:37

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

Tot Ion:146 Resp: 2133
 Ion Ratio Lower Upper
 146 100
 111 77.4 18.6 55.6#
 148 72.9 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 1.010 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006713.D
 Acq: 07 Nov 2018 04:37

Tgt Ion:146 Resp: 2133
 Ion Ratio Lower Upper
 146 100
 111 77.4 17.9 53.7#
 148 72.9 32.1 96.5

