

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006711.D
 Acq On : 07 Nov 2018 03:45
 Operator : SY/AP
 Sample : J5764-09RE
 Misc : 6.03G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

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

Quant Time: Nov 07 11:32:47 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

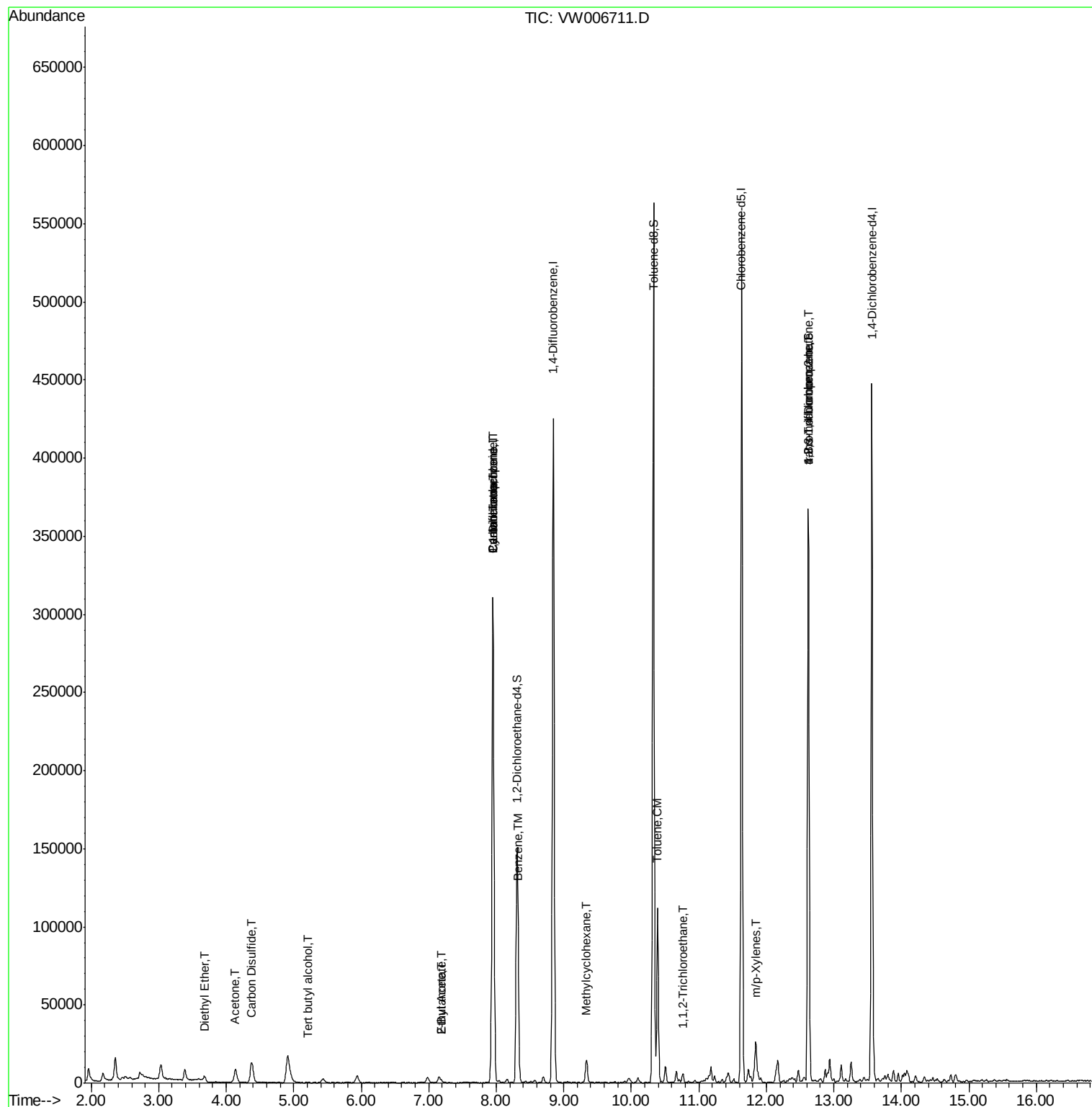
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	248468	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	390798	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	331064	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	129815	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	110638	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
35) Dibromofluoromethane	7.89	113	259	0.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	0.22%	
50) Toluene-d8	10.33	98	388912	41.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.32%	
62) 4-Bromofluorobenzene	12.62	95	111181	32.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.70%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.68	74	2142	1.994	ug/l	85
11) Tert butyl alcohol	5.21	59	154	1.338	ug/l #	84
16) Acetone	4.13	43	15540	45.066	ug/l	100
17) Carbon Disulfide	4.38	76	31489	5.460	ug/l	100
25) 2-Butanone	7.18	43	2018	4.101	ug/l	90
31) Cyclohexane	7.95	56	7296	2.145	ug/l #	53
36) 1,1-Dichloropropene	7.95	75	15234	4.433	ug/l #	49
37) Ethyl Acetate	7.18	43	2018	1.694	ug/l #	66
38) Carbon Tetrachloride	7.95	117	21503	5.988	ug/l #	16
39) Methylcyclohexane	9.34	83	6061	1.390	ug/l	90
40) Benzene	8.33	78	22549	2.310	ug/l	98
52) Toluene	10.39	92	49090	7.498	ug/l	100
55) 1,1,2-Trichloroethane	10.77	97	2232	1.178	ug/l #	19
68) m/p-Xylenes	11.84	106	5804	1.248	ug/l	96
76) 1,2,3-Trichloropropane	12.62	75	55337	54.635	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	55337	136.620	ug/l #	11

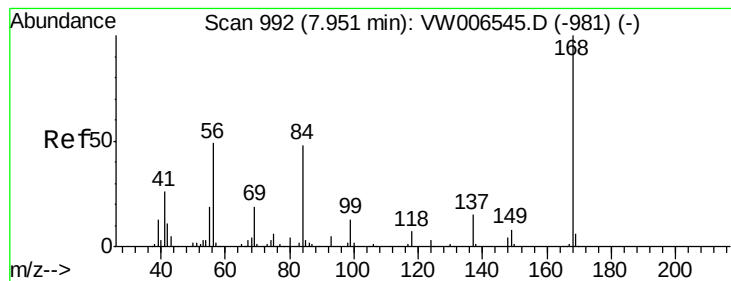
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006711.D

Acq: 07 Nov 2018 03:45

Instrument :

MSVOA_W

ClientSampleId :

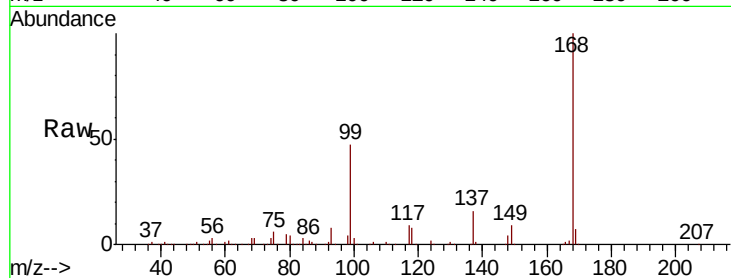
JC-03-110218-ERE

Tot Ion:168 Resp: 248468

Ion Ratio Lower Upper

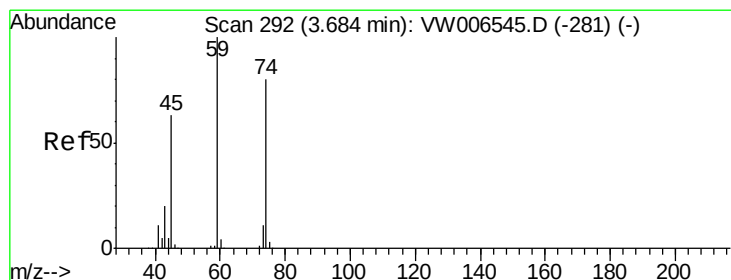
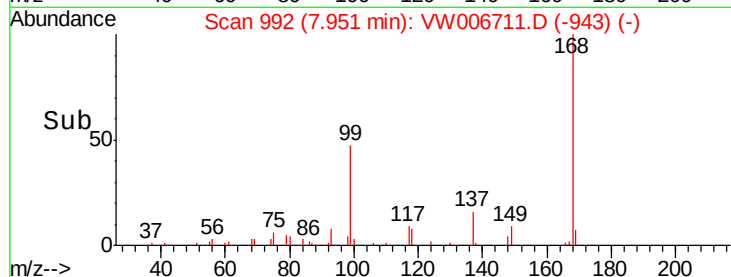
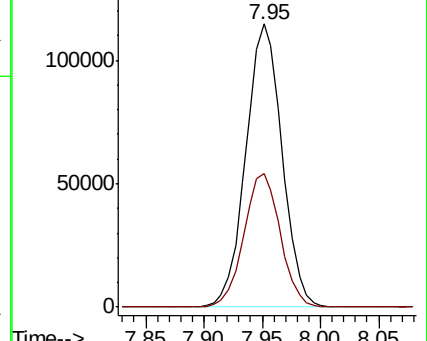
168 100

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: 1.994 ug/l

RT: 3.68 min Scan# 292

Delta R.T. -0.00 min

Lab File: VW006711.D

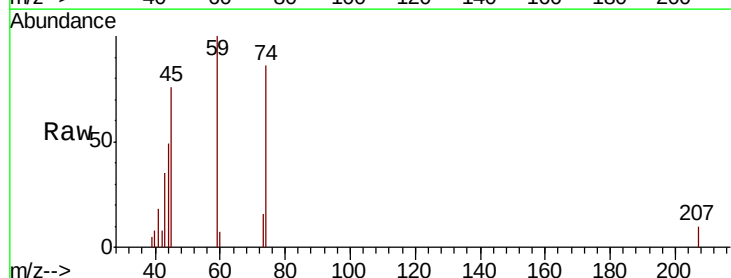
Acq: 07 Nov 2018 03:45

Tgt Ion: 74 Resp: 2142

Ion Ratio Lower Upper

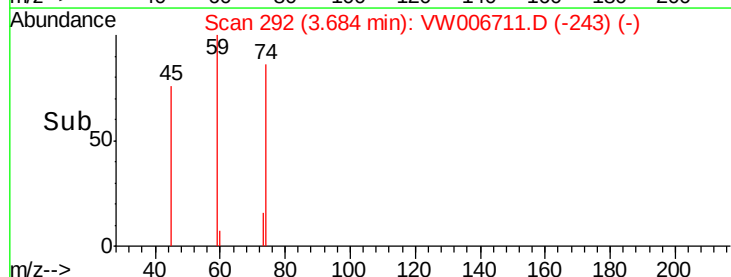
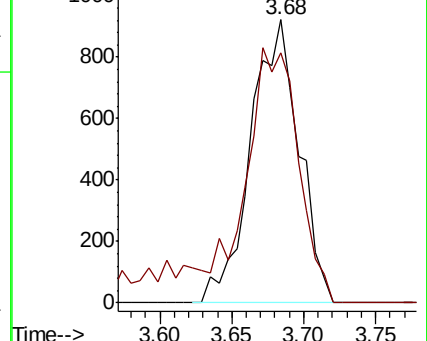
74 100

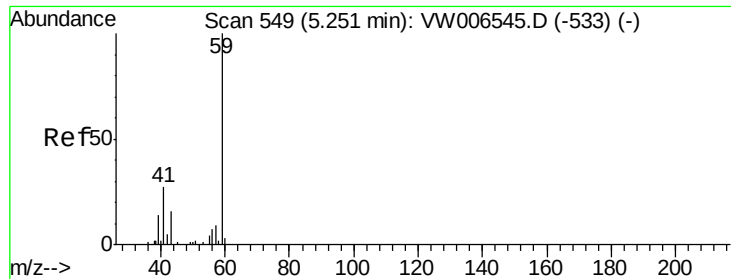
45 95.9 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



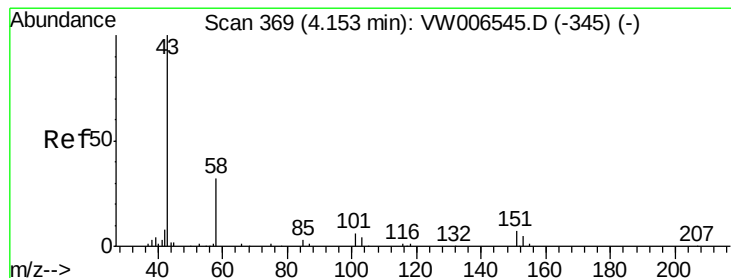
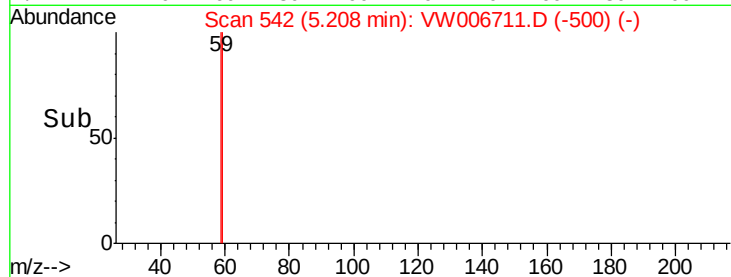
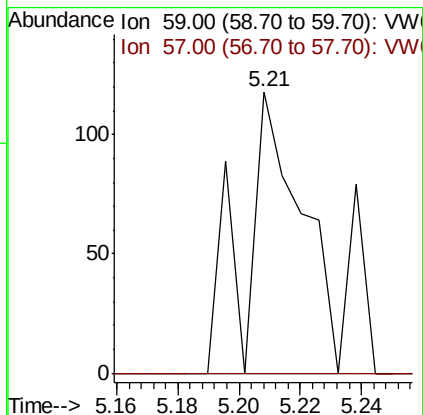
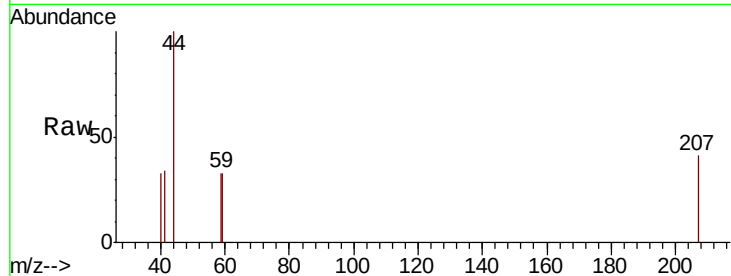


#11

Tert butyl alcohol
 Concen: 1.338 ug/l
 RT: 5.21 min Scan# 542
 Delta R.T. -0.04 min
 Lab File: VW006711.D
 Acq: 07 Nov 2018 03:45

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

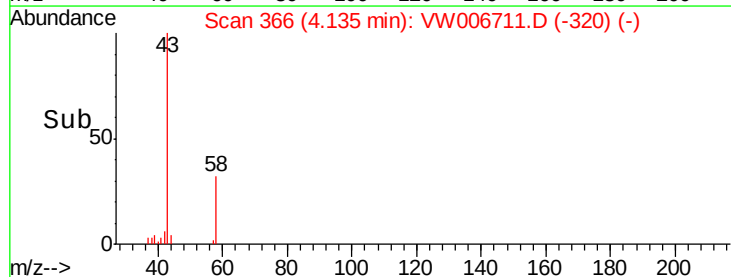
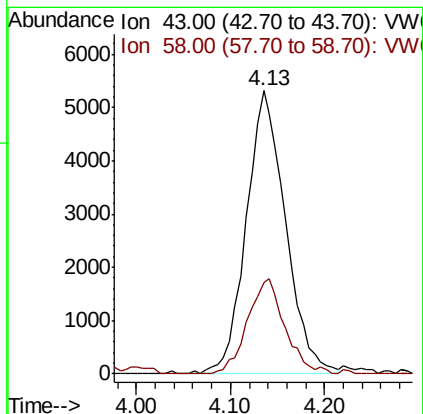
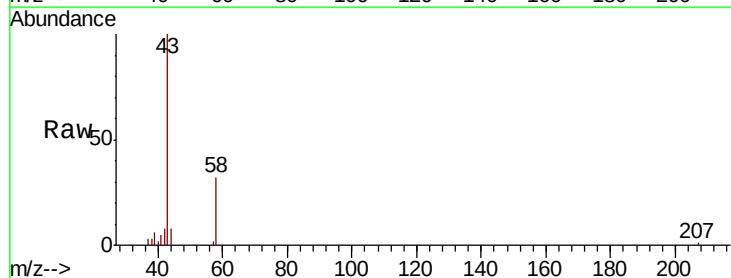
Tot Ion: 59 Resp: 154
 Ion Ratio Lower Upper
 59 100
 57 0.0 4.3 6.5#

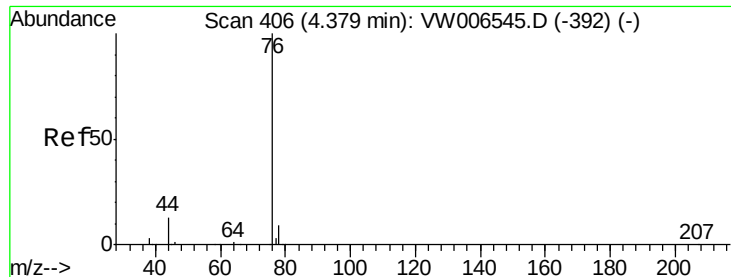


#16

Acetone
 Concen: 45.066 ug/l
 RT: 4.13 min Scan# 366
 Delta R.T. -0.02 min
 Lab File: VW006711.D
 Acq: 07 Nov 2018 03:45

Tgt Ion: 43 Resp: 15540
 Ion Ratio Lower Upper
 43 100
 58 32.4 25.8 38.8

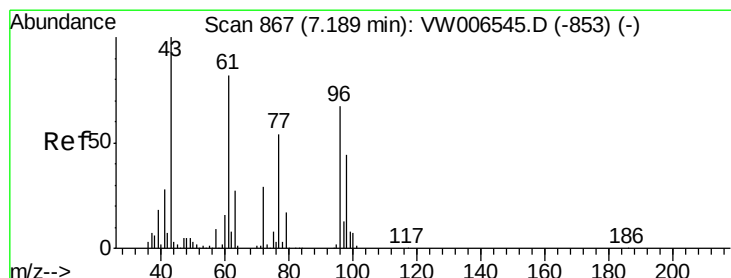
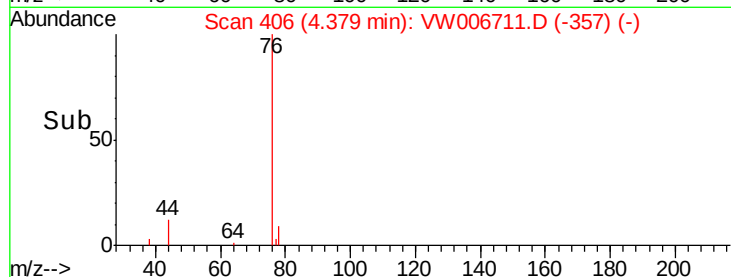
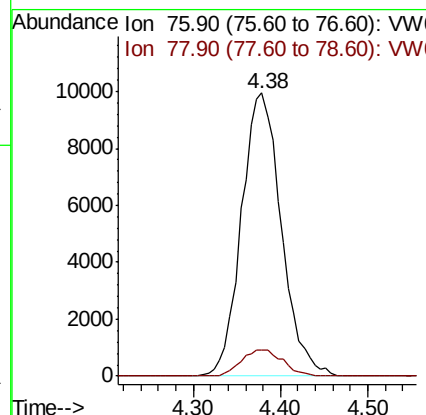
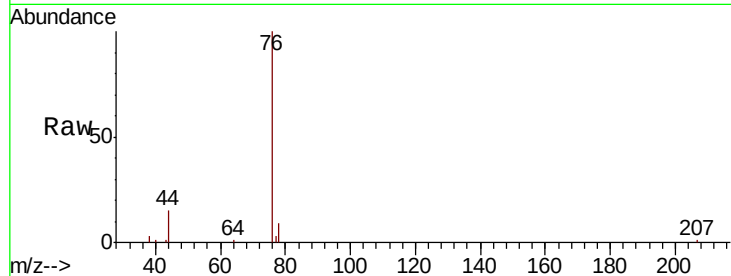




#17
Carbon Disulfide
Concen: 5.460 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW006711.D
Acq: 07 Nov 2018 03:45

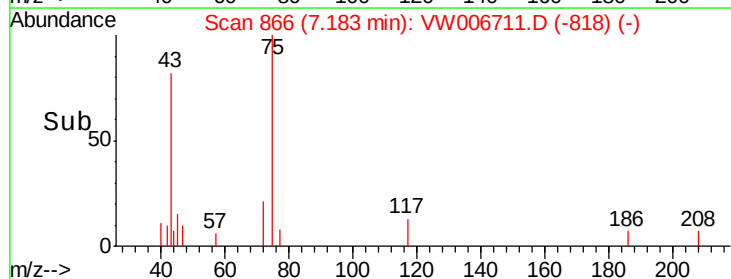
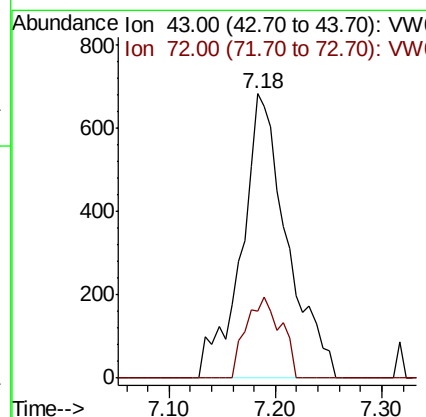
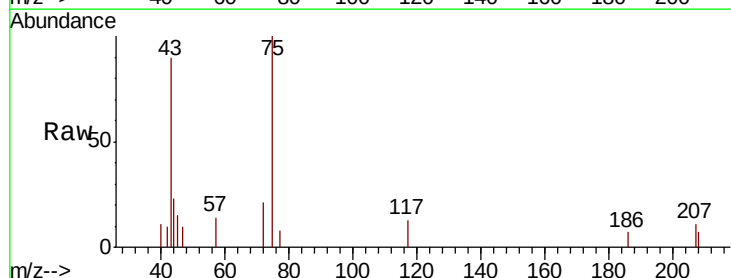
Instrument :
MSVOA_W
ClientSampleId :
JC-03-110218-ERE

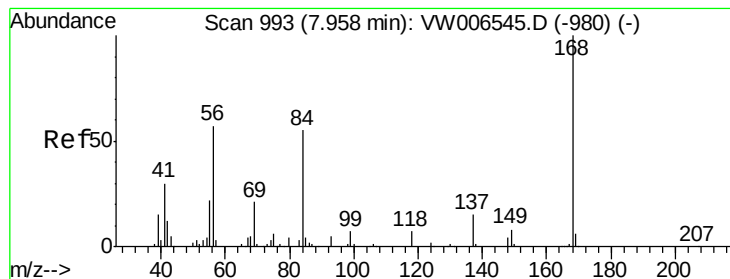
Tot Ion: 76 Resp: 31489
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#25
2-Butanone
Concen: 4.101 ug/l
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: VW006711.D
Acq: 07 Nov 2018 03:45

Tgt Ion: 43 Resp: 2018
Ion Ratio Lower Upper
43 100
72 23.5 23.2 34.8





#31

Cyclohexane

Concen: 2.145 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006711.D

Acq: 07 Nov 2018 03:45

Instrument :

MSVOA_W

ClientSampleId :

JC-03-110218-ERE

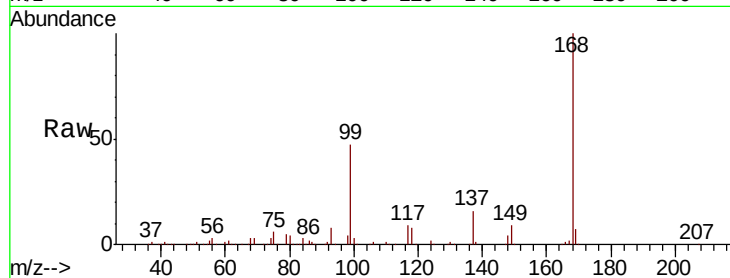
Tot Ion: 56 Resp: 7296

Ion Ratio Lower Upper

56 100

69 119.7 29.0 43.4#

84 108.8 77.8 116.6

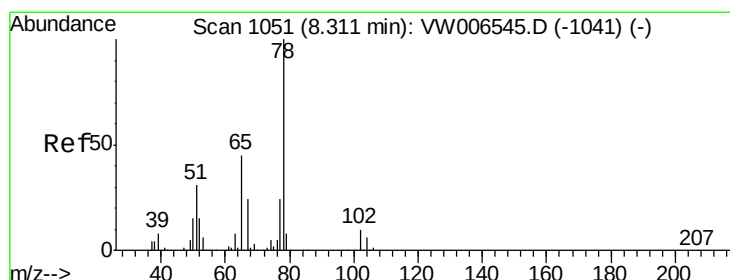
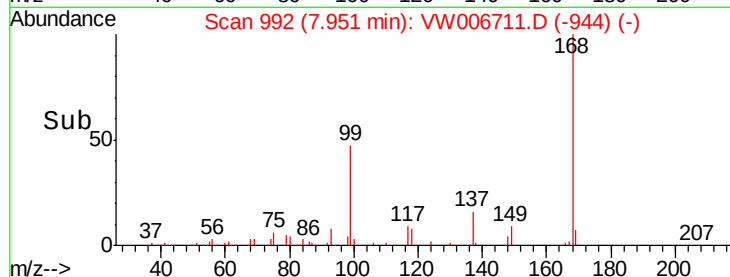
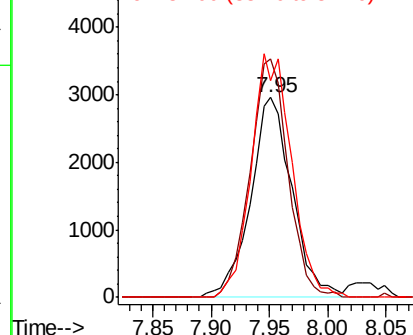


Abundance

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: 51.801 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006711.D

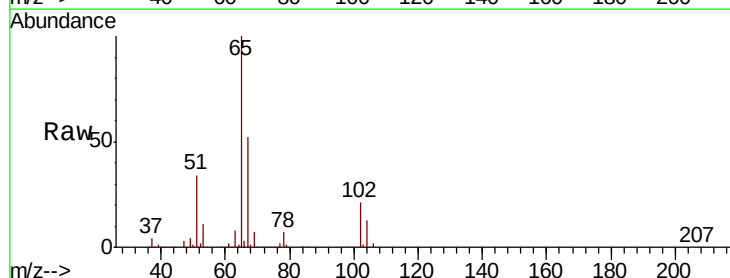
Acq: 07 Nov 2018 03:45

Tgt Ion: 65 Resp: 110638

Ion Ratio Lower Upper

65 100

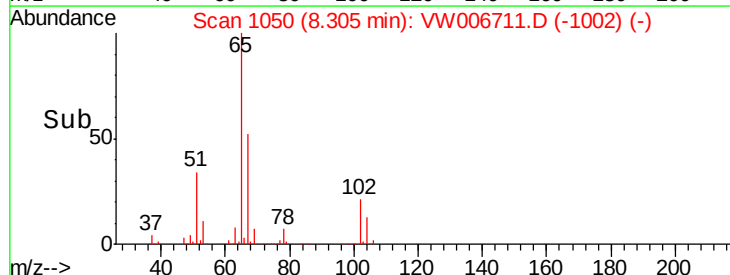
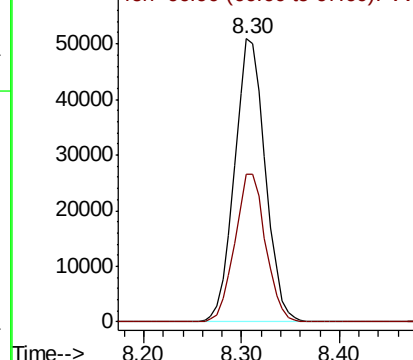
67 52.4 0.0 104.4

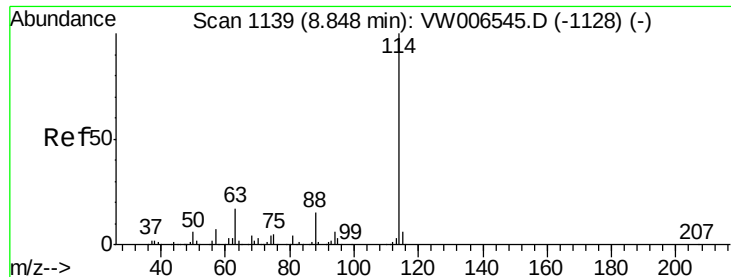


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

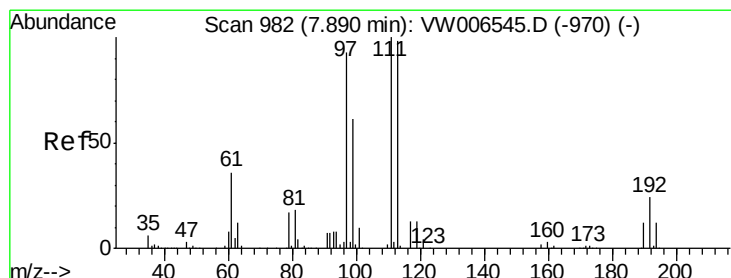
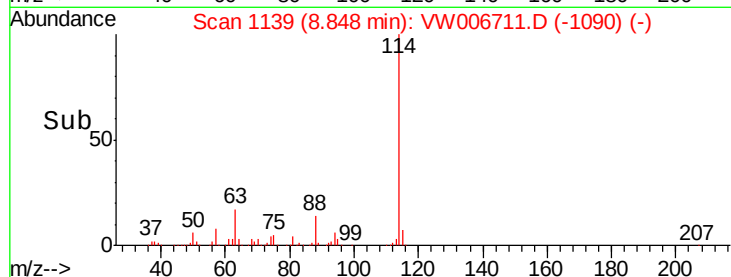
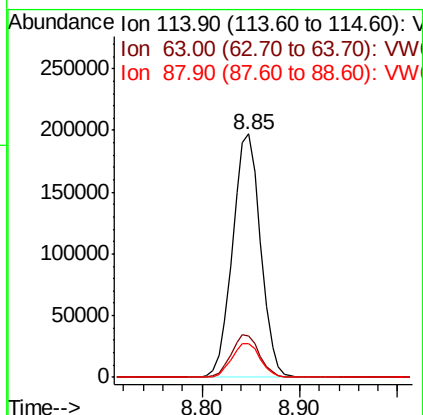
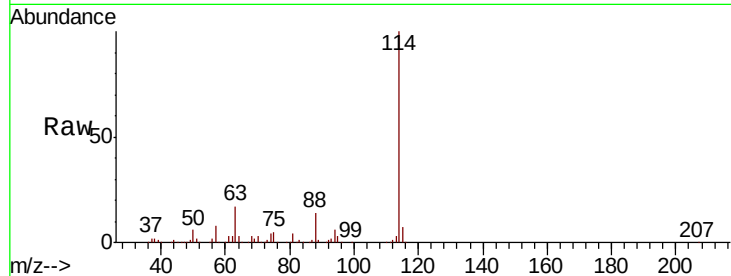




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006711.D
 Acq: 07 Nov 2018 03:45

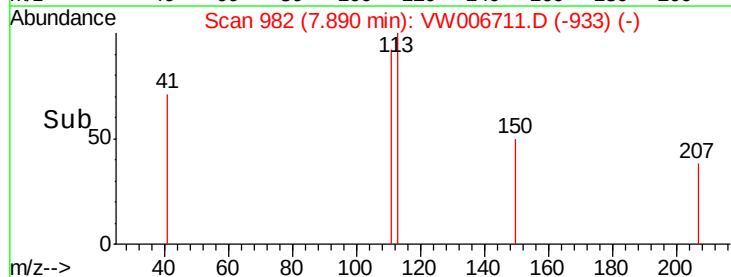
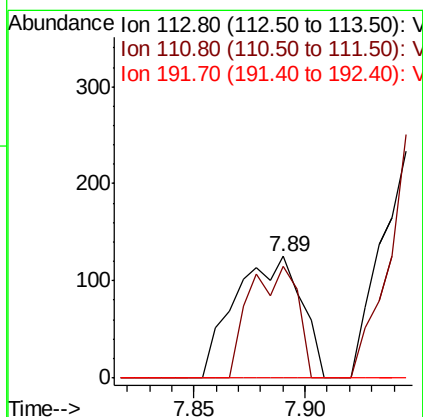
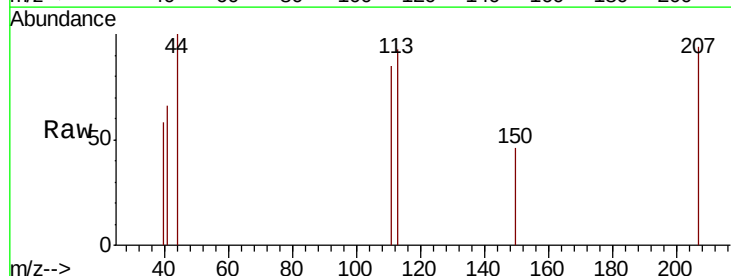
Instrument :
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 JC-03-110218-ERE

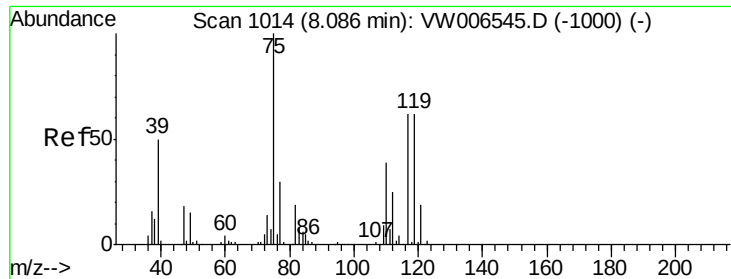
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	34.4
88	14.1	0.0	29.0



#35
 Dibromofluoromethane
 Concen: 0.106 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006711.D
 Acq: 07 Nov 2018 03:45

Tgt Ion	Ratio	Lower	Upper
113	100		
111	66.4	82.2	123.2#
192	0.0	19.0	28.6#

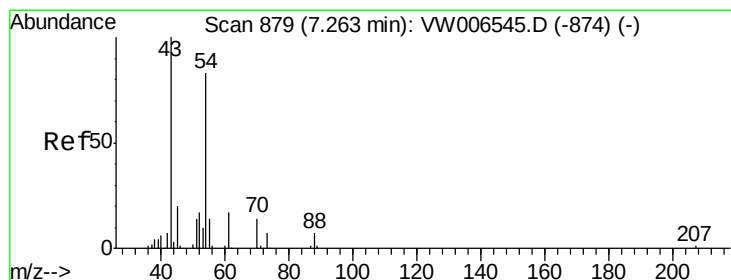
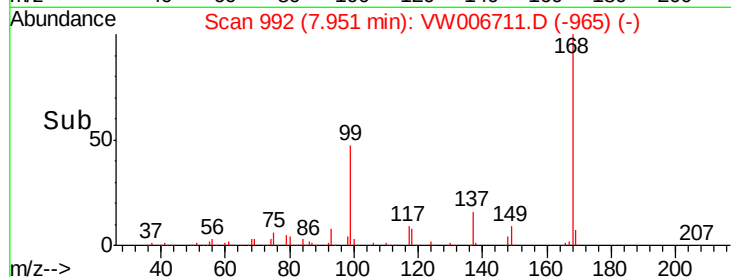
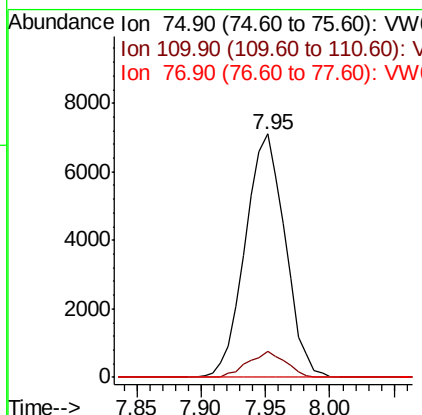
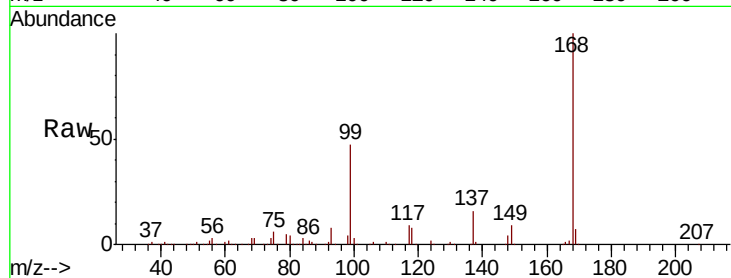




#36
 1,1-Dichloropropene
 Concen: 4.433 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006711.D
 Acq: 07 Nov 2018 03:45

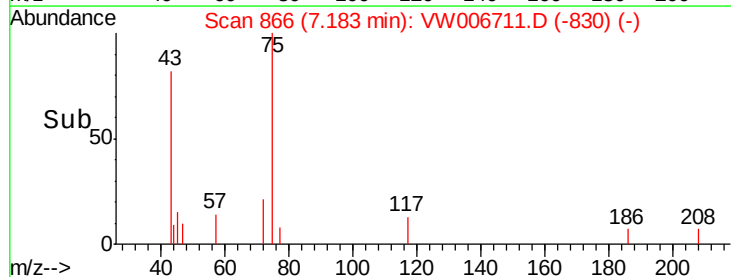
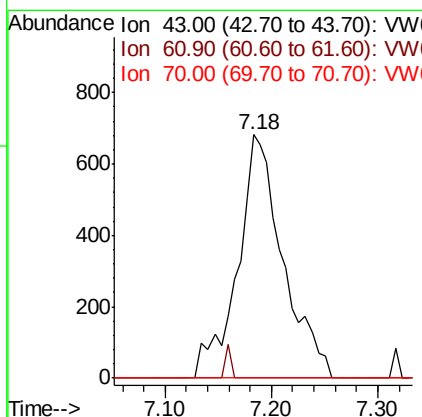
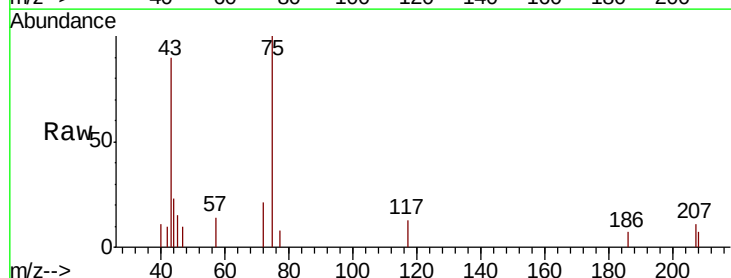
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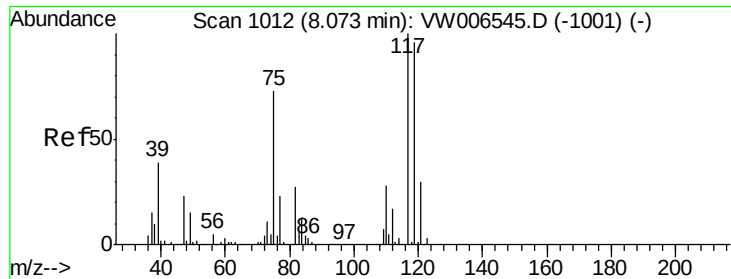
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.1	19.5	58.5#
77	0.0	24.6	37.0#



#37
 Ethyl Acetate
 Concen: 1.694 ug/l
 RT: 7.18 min Scan# 866
 Delta R.T. -0.08 min
 Lab File: VW006711.D
 Acq: 07 Nov 2018 03:45

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.1	18.1#
70	0.0	9.8	14.6#

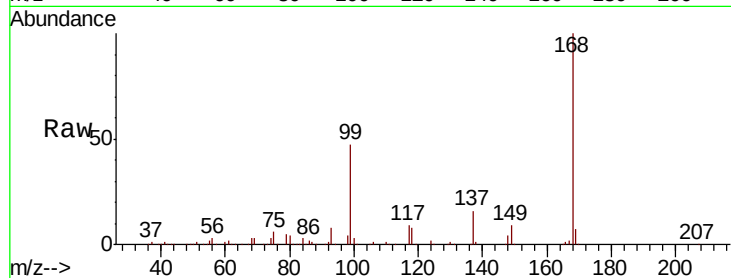




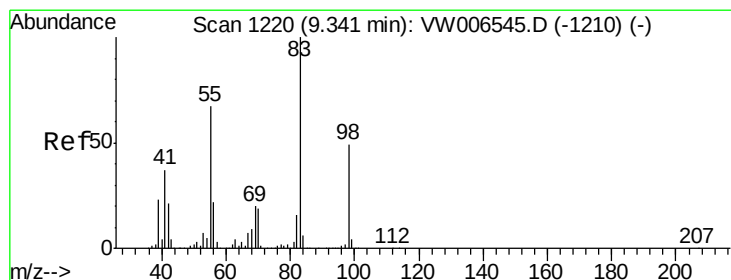
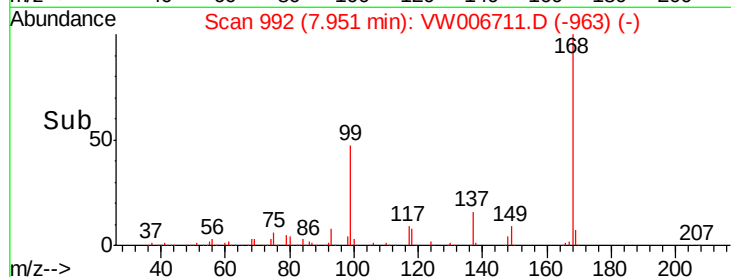
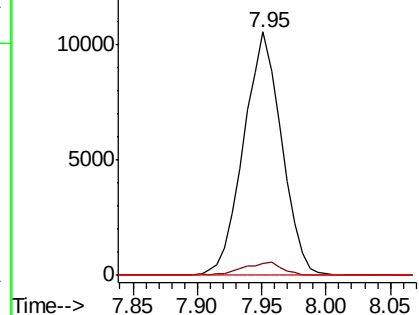
#38
Carbon Tetrachloride
Concen: 5.988 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006711.D
Acq: 07 Nov 2018 03:45

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

Tot Ion:117 Resp: 21503
Ion Ratio Lower Upper
117 100
119 4.7 76.3 114.5#
121 0.0 24.1 36.1#

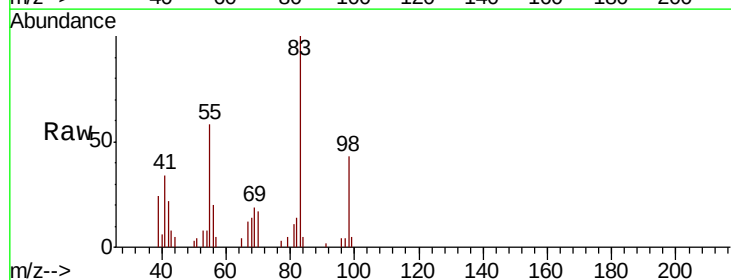


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

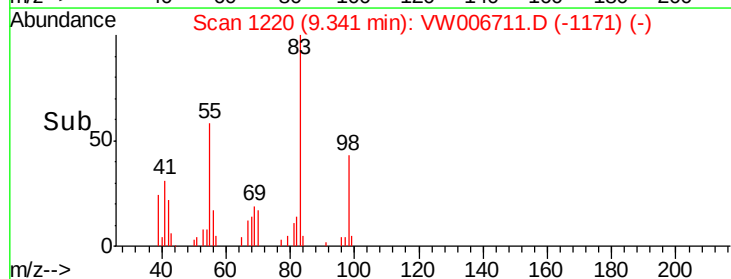
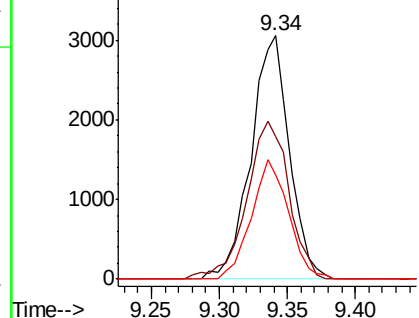


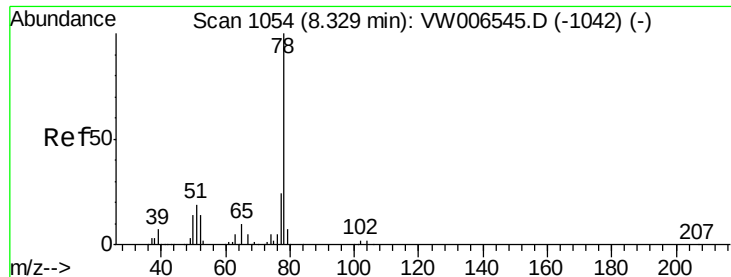
#39
Methylcyclohexane
Concen: 1.390 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW006711.D
Acq: 07 Nov 2018 03:45

Tgt Ion: 83 Resp: 6061
Ion Ratio Lower Upper
83 100
55 58.3 53.7 80.5
98 43.0 39.2 58.8



Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW





#40

Benzene

Concen: 2.310 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VW006711.D

Acq: 07 Nov 2018 03:45

Instrument :

MSVOA_W

ClientSampleId :

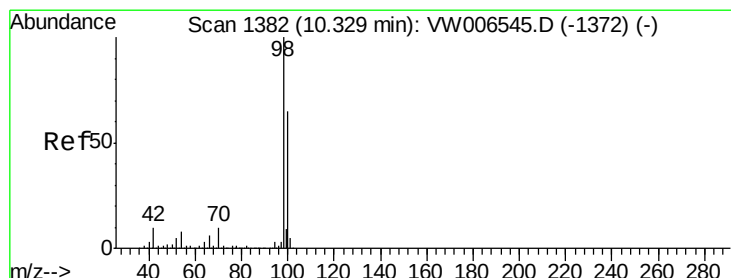
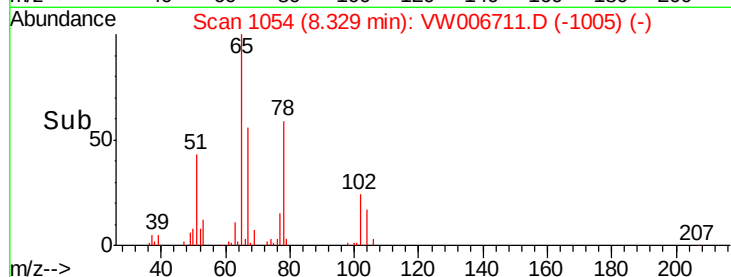
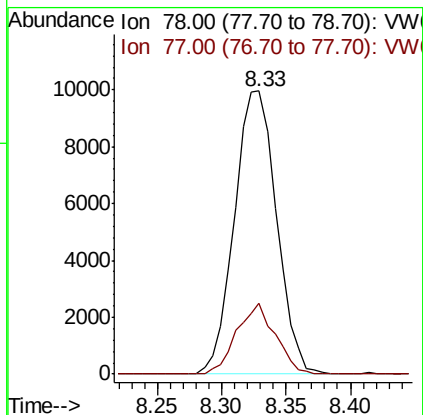
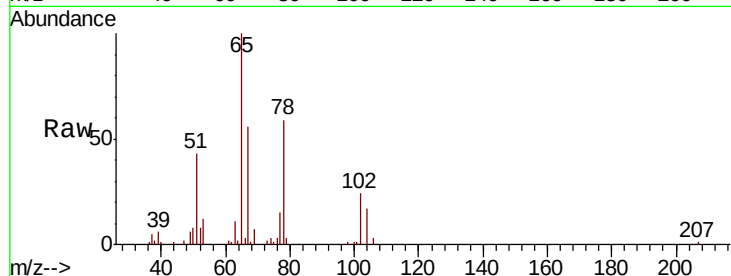
JC-03-110218-ERE

Tot Ion: 78 Resp: 22549

Ion Ratio Lower Upper

78 100

77 25.1 19.2 28.8



#50

Toluene-d8

Concen: 41.655 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006711.D

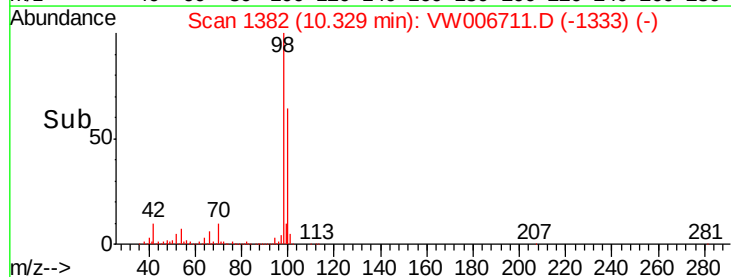
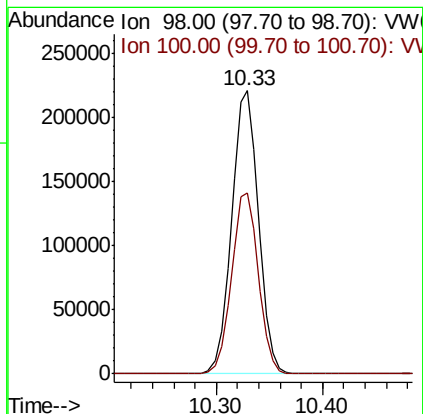
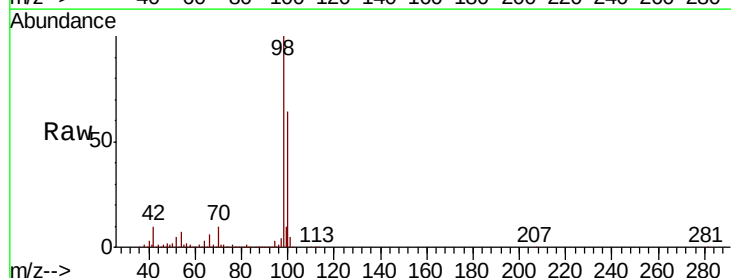
Acq: 07 Nov 2018 03:45

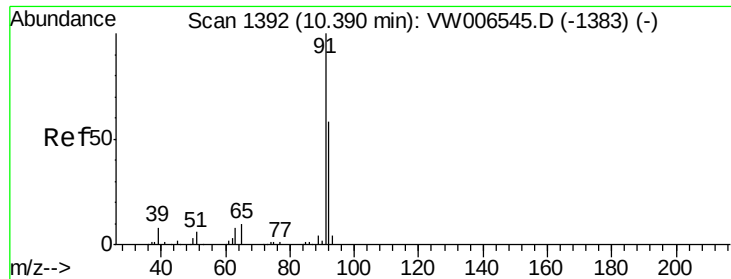
Tgt Ion: 98 Resp: 388912

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4





#52

Toluene

Concen: 7.498 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006711.D

Acq: 07 Nov 2018 03:45

Instrument :

MSVOA_W

ClientSampleId :

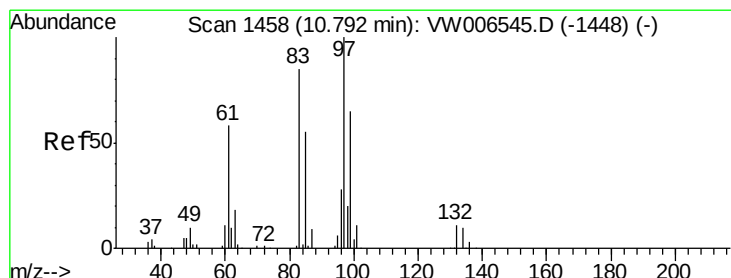
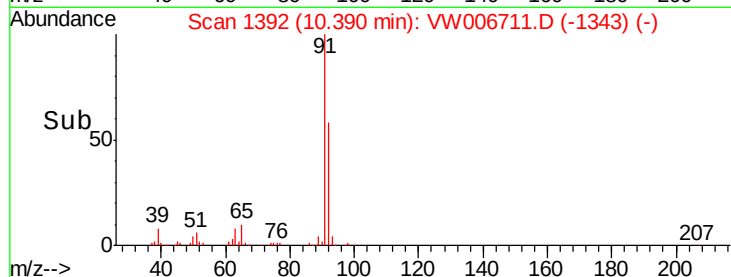
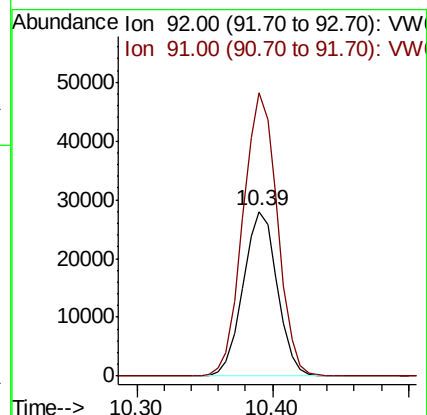
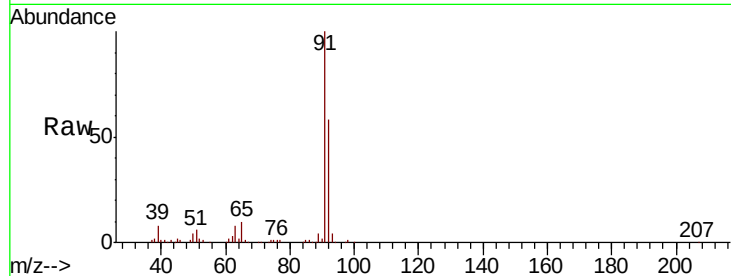
JC-03-110218-ERE

Tot Ion: 92 Resp: 49090

Ion Ratio Lower Upper

92 100

91 173.3 138.6 208.0



#55

1,1,2-Trichloroethane

Concen: 1.178 ug/l

RT: 10.77 min Scan# 1454

Delta R.T. -0.02 min

Lab File: VW006711.D

Acq: 07 Nov 2018 03:45

Tgt Ion: 97 Resp: 2232

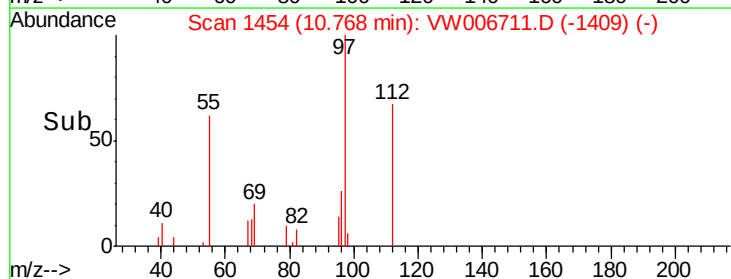
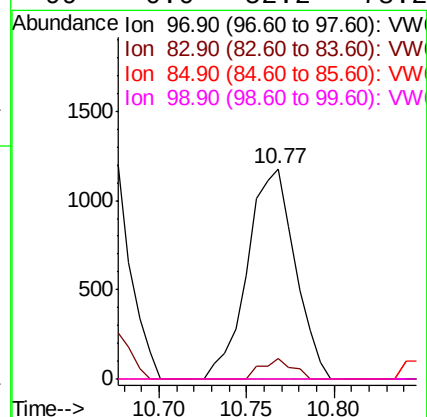
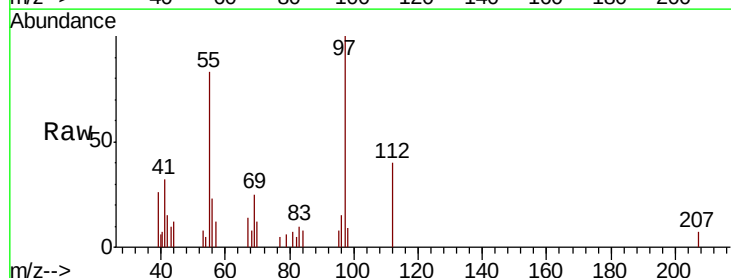
Ion Ratio Lower Upper

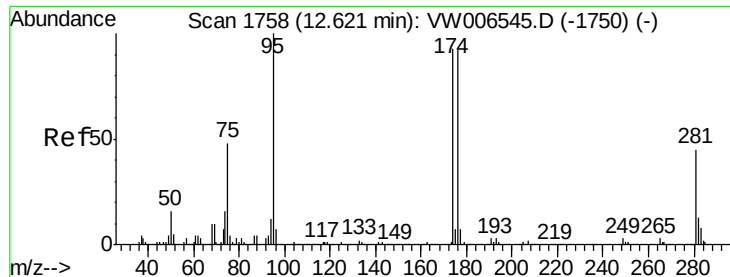
97 100

83 9.9 67.9 101.9#

85 0.0 44.0 66.0#

99 0.0 52.2 78.2#





#62

4-Bromofluorobenzene

Concen: 32.847 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006711.D

Acq: 07 Nov 2018 03:45

Instrument :

MSVOA_W

ClientSampleId :

JC-03-110218-ERE

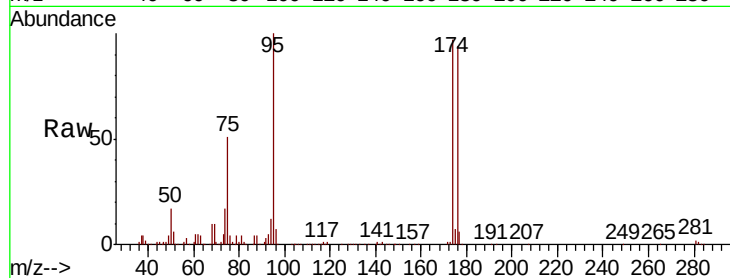
Tot Ion: 95 Resp: 111181

Ion Ratio Lower Upper

95 100

174 100.0 0.0 192.4

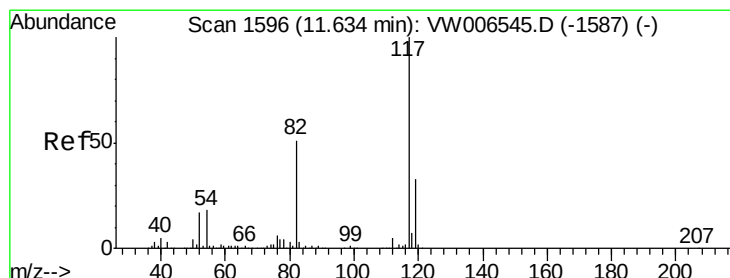
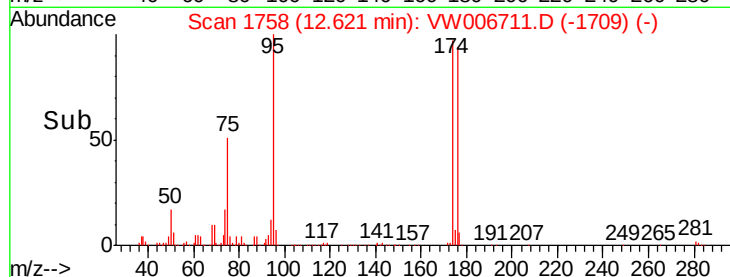
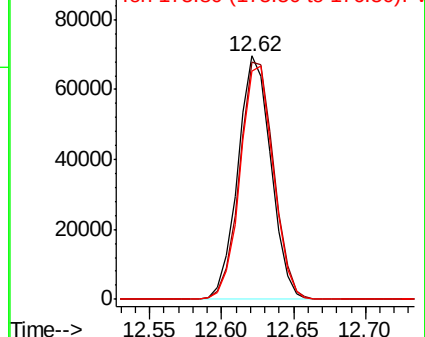
176 96.1 0.0 187.4



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: VW006711.D

Acq: 07 Nov 2018 03:45

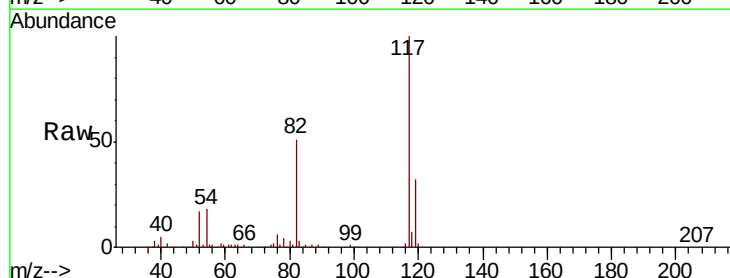
Tgt Ion: 117 Resp: 331064

Ion Ratio Lower Upper

117 100

82 51.0 40.8 61.2

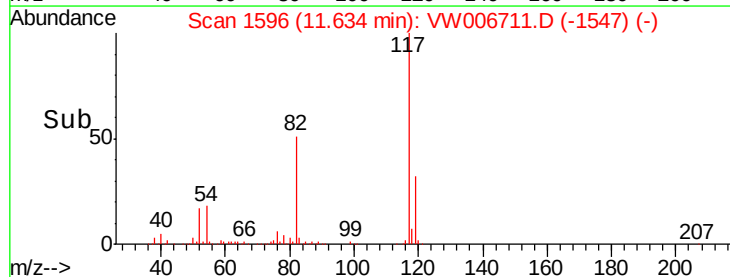
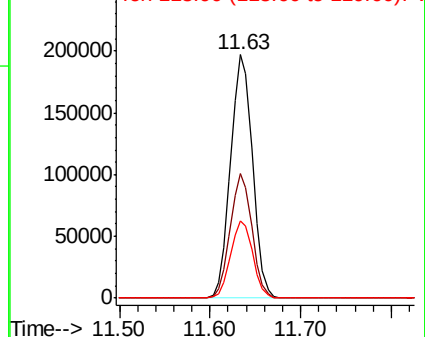
119 32.0 26.1 39.1

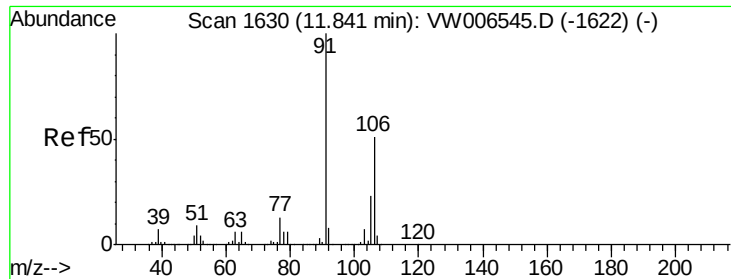


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

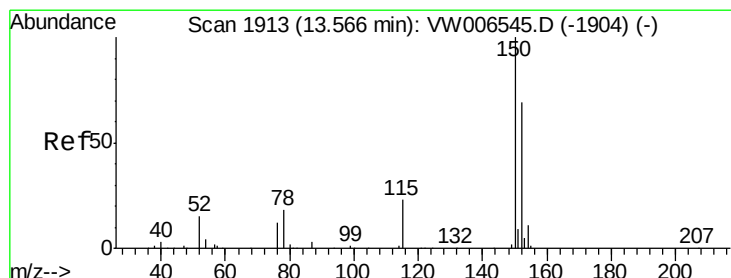
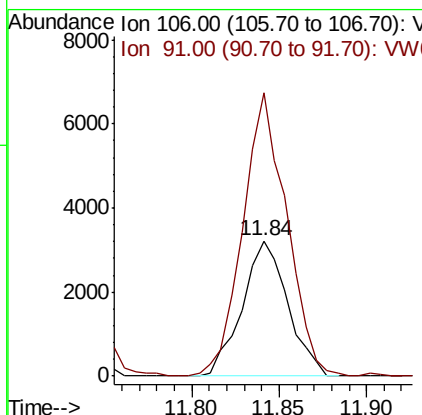
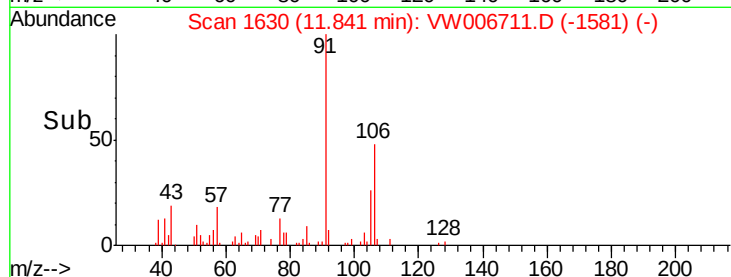
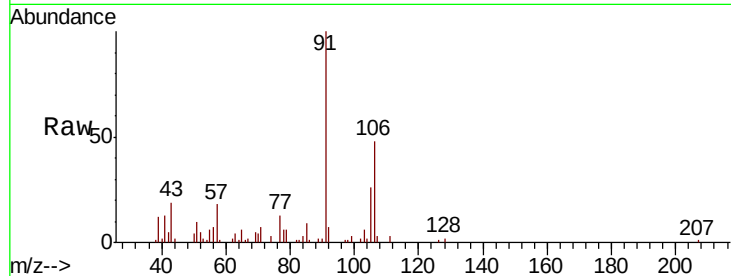




#68
m/p-Xylenes
Concen: 1.248 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW006711.D
Acq: 07 Nov 2018 03:45

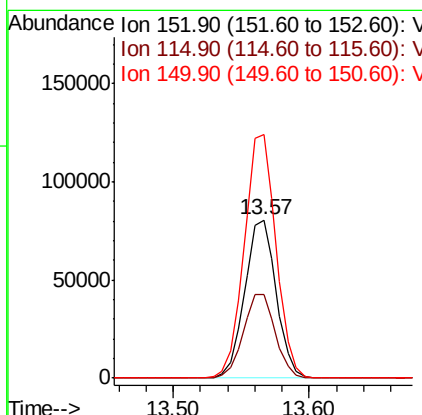
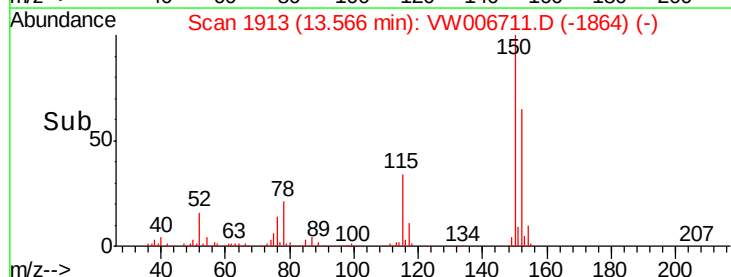
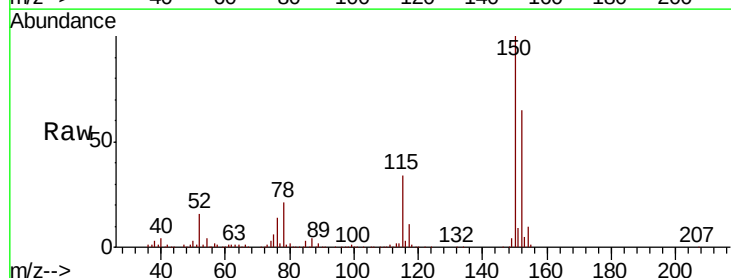
Instrument :
MSVOA_W
ClientSampleId :
JC-03-110218-ERE

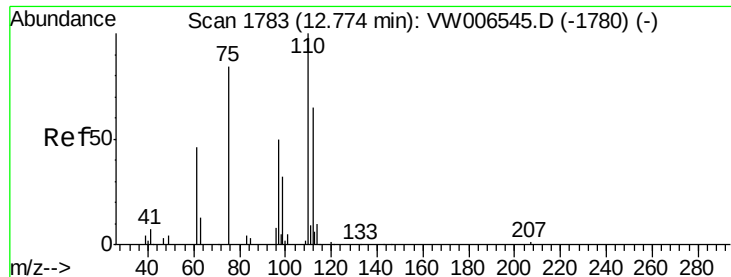
Tot Ion:106 Resp: 5804
Ion Ratio Lower Upper
106 100
91 202.1 156.7 235.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006711.D
Acq: 07 Nov 2018 03:45

Tgt Ion:152 Resp: 129815
Ion Ratio Lower Upper
152 100
115 54.2 26.6 79.8
150 155.7 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 54.635 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006711.D

Acq: 07 Nov 2018 03:45

Instrument :

MSVOA_W

ClientSampleId :

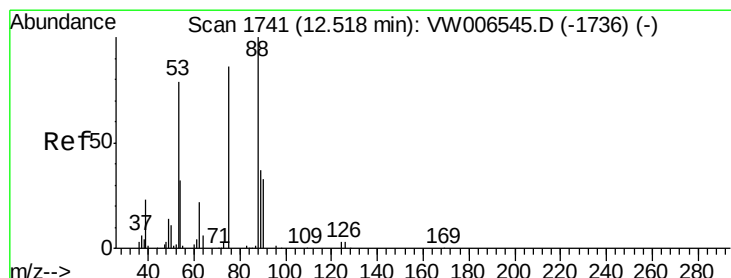
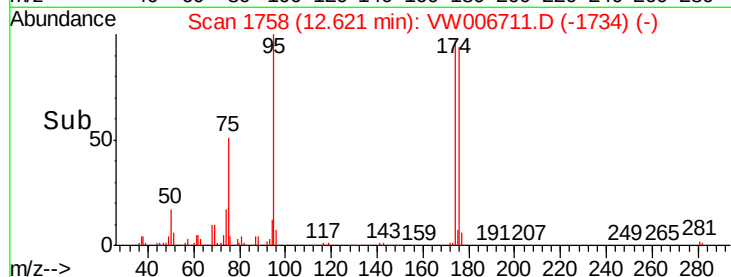
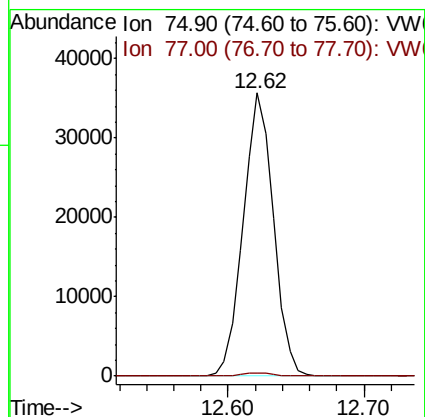
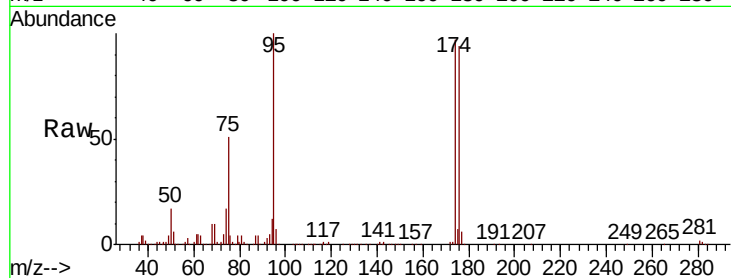
JC-03-110218-ERE

Tot Ion: 75 Resp: 55337

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 136.620 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006711.D

Acq: 07 Nov 2018 03:45

Tgt Ion: 75 Resp: 55337

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.0 38.6 58.0#

