

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110518\
 Data File : VW006660.D
 Acq On : 06 Nov 2018 03:19
 Operator : SY/AP
 Sample : J5764-07
 Misc : 6.09G/5ML/MSVOA_W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

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

Quant Time: Nov 06 05:36:29 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	222253	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	336454	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	273907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	98740	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	84832	44.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.80%	
35) Dibromofluoromethane	7.89	113	42455	20.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.22%	
50) Toluene-d8	10.33	98	298433	37.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.26%	
62) 4-Bromofluorobenzene	12.62	95	83634	28.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	57.40%	

Target Compounds

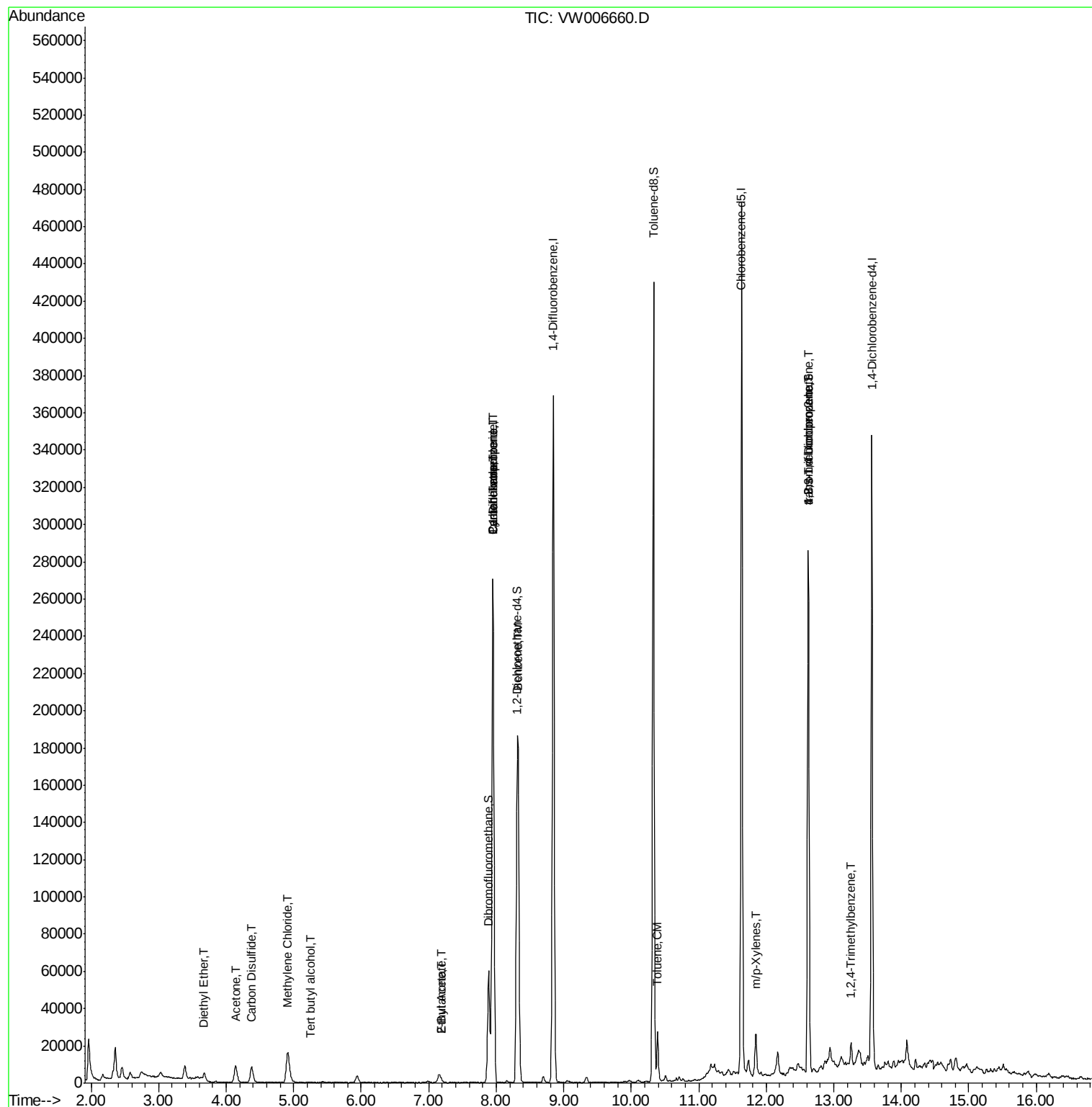
						Qvalue
8) Diethyl Ether	3.68	74	2250	2.342	ug/l	88
11) Tert butyl alcohol	5.26	59	123	1.195	ug/l #	84
16) Acetone	4.14	43	17196	55.751	ug/l	98
17) Carbon Disulfide	4.38	76	19266	3.735	ug/l	99
20) Methylene Chloride	4.91	84	14485	1.446	ug/l	93
25) 2-Butanone	7.19	43	1935	4.396	ug/l	93
31) Cyclohexane	7.95	56	4254	1.398	ug/l #	15
36) 1,1-Dichloropropene	7.95	75	13896	4.697	ug/l #	48
37) Ethyl Acetate	7.19	43	1935	1.887	ug/l #	66
38) Carbon Tetrachloride	7.95	117	19440	6.288	ug/l #	17
40) Benzene	8.32	78	122902	14.624	ug/l	97
52) Toluene	10.39	92	11045	1.959	ug/l	99
68) m/p-Xylenes	11.84	106	7303	1.897	ug/l	99
76) 1,2,3-Trichloropropane	12.62	75	41249	53.543	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	41249	133.942	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.26	105	7540	1.345	ug/l	97

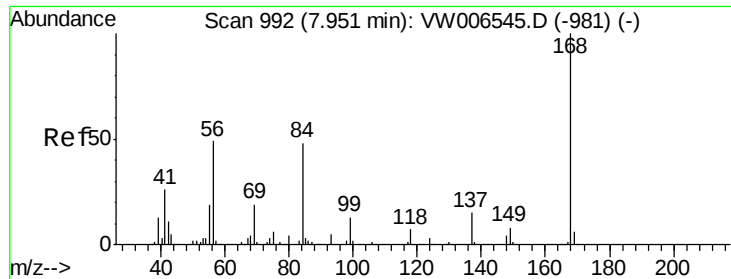
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110518\
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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: VW006660.D

Acq: 06 Nov 2018 03:19

Instrument :

MSVOA_W

ClientSampleId :

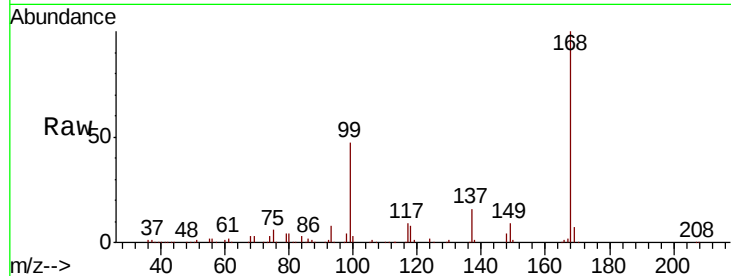
JC-03-110218-D

Tgt Ion:168 Resp: 222253

Ion Ratio Lower Upper

168 100

99 47.2 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

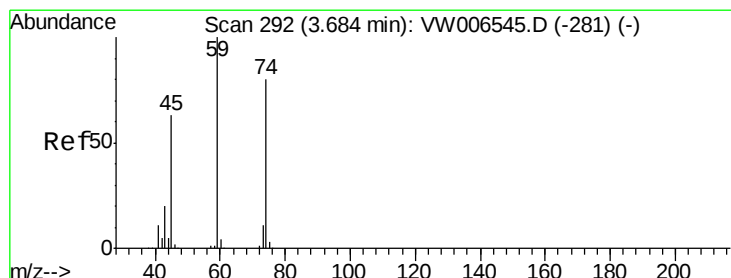
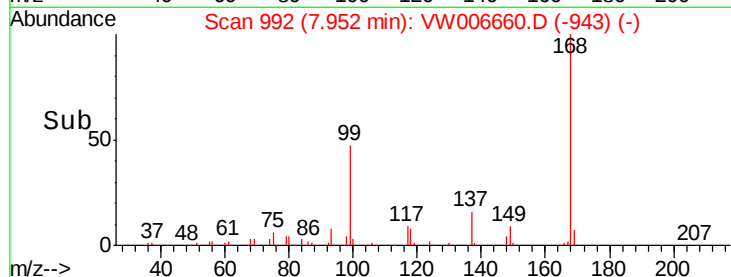
40000

20000

0

Time-->

7.90 8.00 8.10



#8

Diethyl Ether

Concen: 2.342 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006660.D

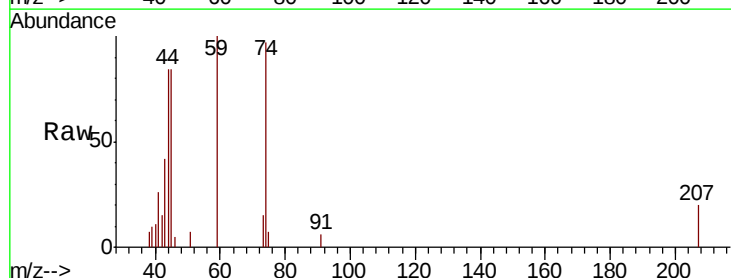
Acq: 06 Nov 2018 03:19

Tgt Ion: 74 Resp: 2250

Ion Ratio Lower Upper

74 100

45 93.0 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

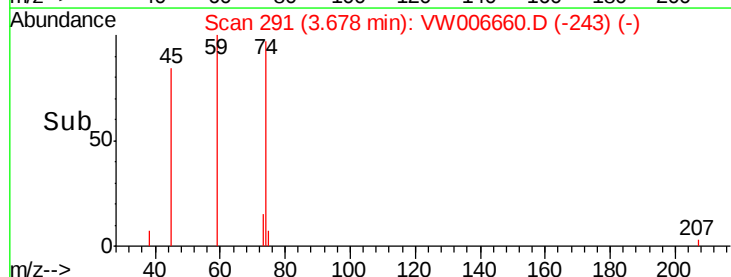
400

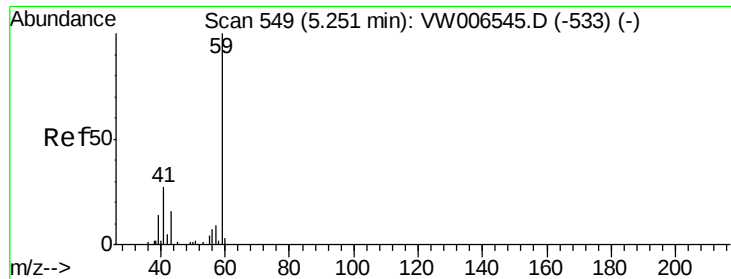
200

0

Time-->

3.60 3.65 3.70 3.75

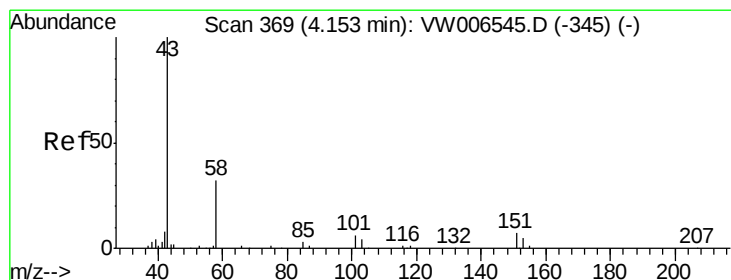
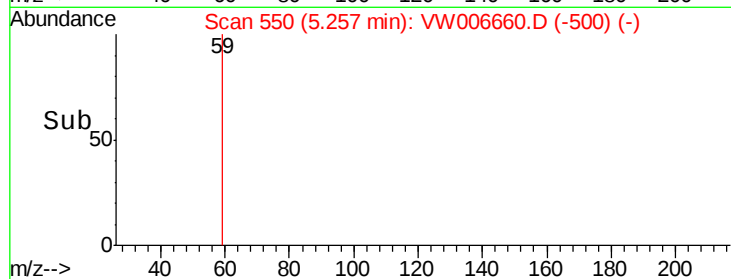
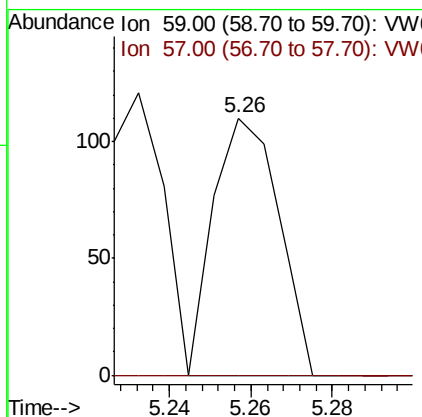
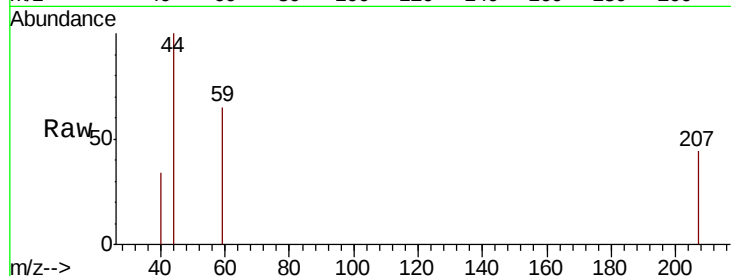




#11
Tert butyl alcohol
Concen: 1.195 ug/l
RT: 5.26 min Scan# 550
Delta R.T. 0.01 min
Lab File: VW006660.D
Acq: 06 Nov 2018 03:19

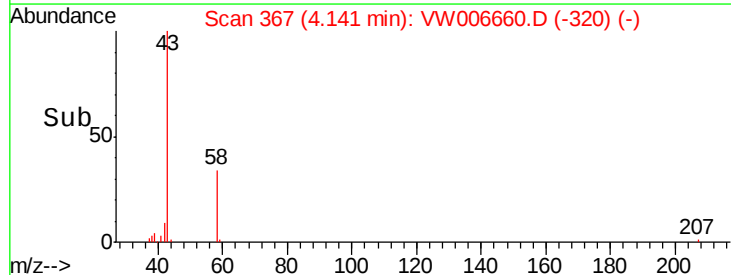
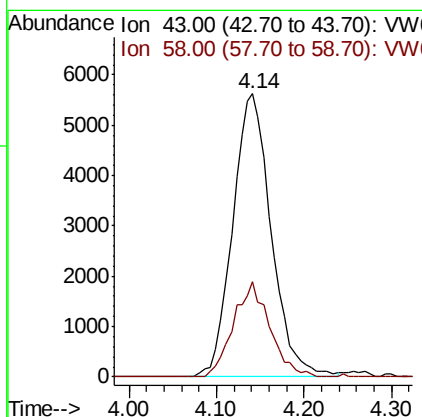
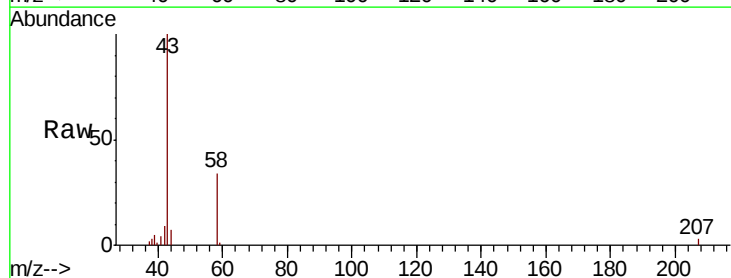
Instrument :
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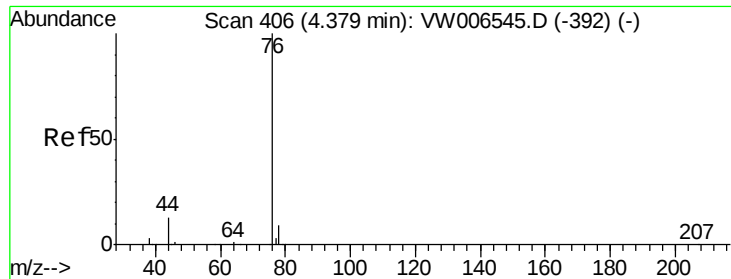
Tgt Ion: 59 Resp: 123
Ion Ratio Lower Upper
59 100
57 0.0 4.3 6.5#



#16
Acetone
Concen: 55.751 ug/l
RT: 4.14 min Scan# 367
Delta R.T. -0.01 min
Lab File: VW006660.D
Acq: 06 Nov 2018 03:19

Tgt Ion: 43 Resp: 17196
Ion Ratio Lower Upper
43 100
58 33.5 25.8 38.8

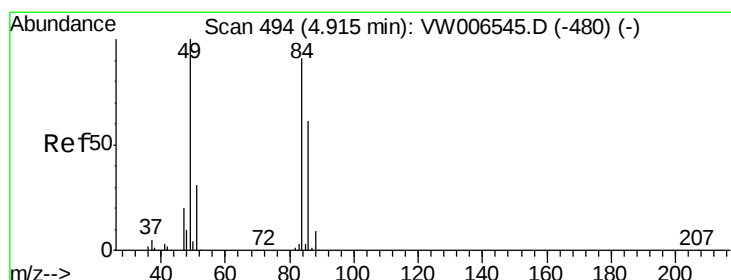
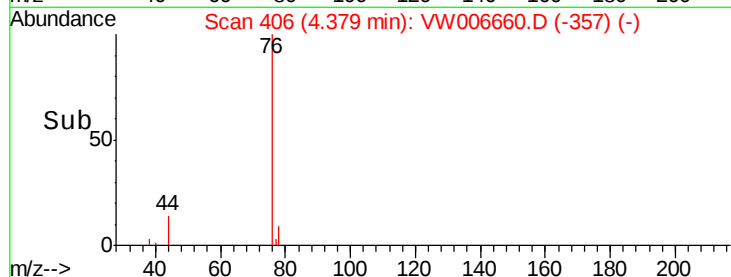
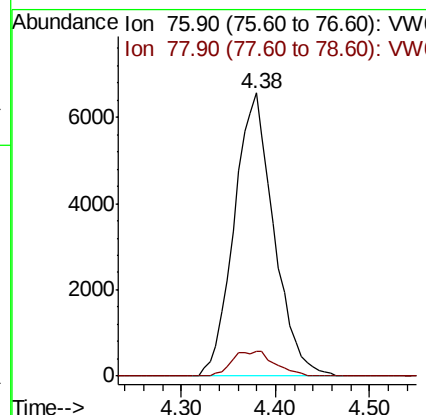
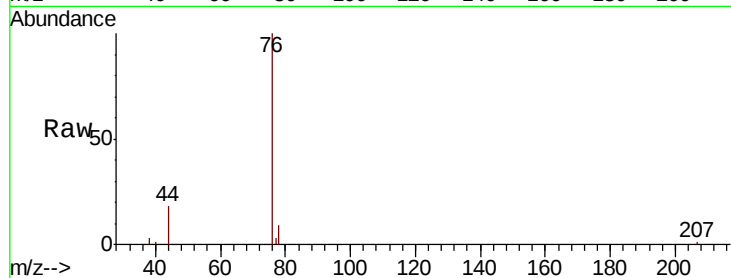




#17
Carbon Disulfide
Concen: 3.735 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW006660.D
Acq: 06 Nov 2018 03:19

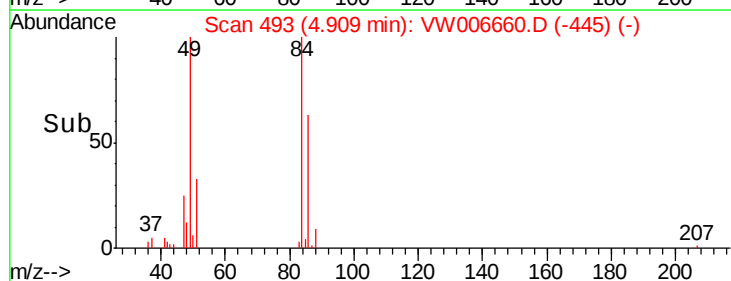
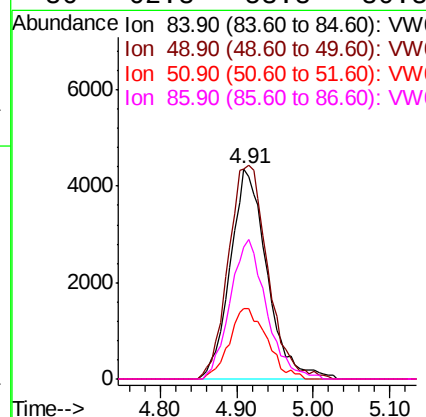
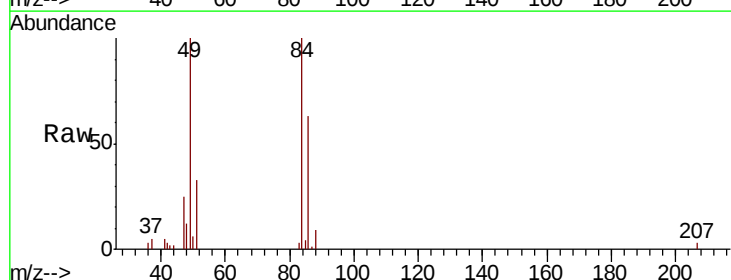
Instrument :
MSVOA_W
ClientSampleId :
JC-03-110218-D

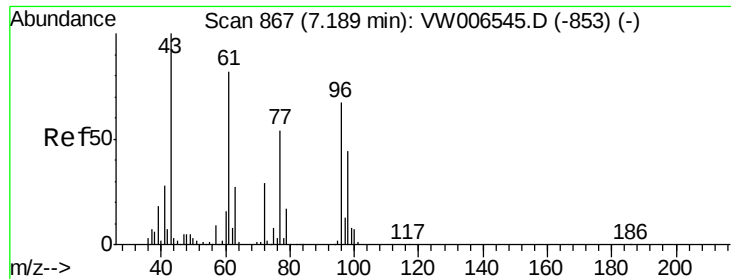
Tgt Ion: 76 Resp: 19266
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#20
Methylene Chloride
Concen: 1.446 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006660.D
Acq: 06 Nov 2018 03:19

Tgt Ion: 84 Resp: 14485
Ion Ratio Lower Upper
84 100
49 100.0 88.2 132.4
51 33.5 27.0 40.6
86 62.8 53.8 80.8

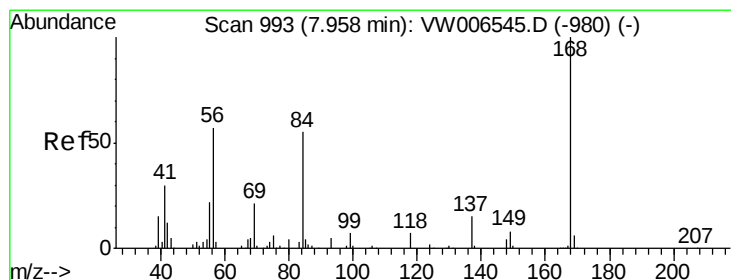
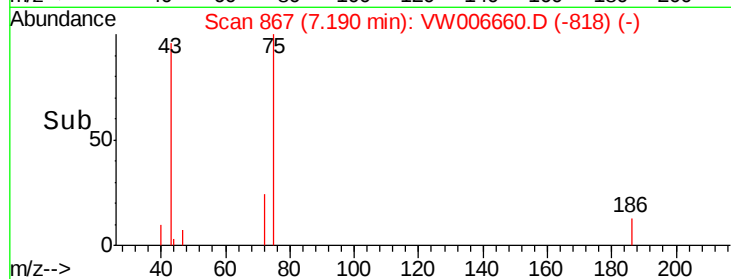
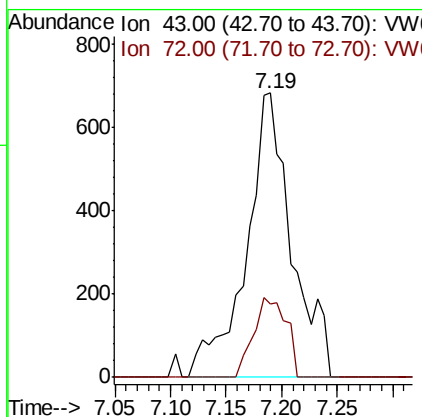
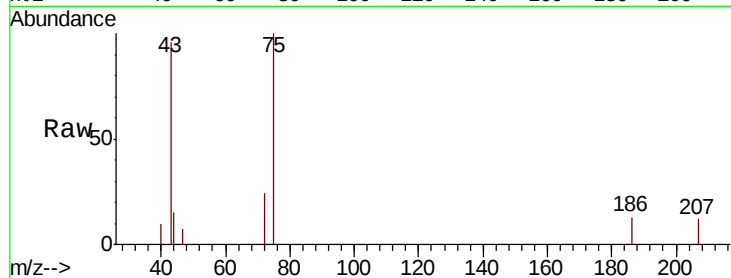




#25
2-Butanone
Concen: 4.396 ug/l
RT: 7.19 min Scan# 867
Delta R.T. 0.00 min
Lab File: VW006660.D
Acq: 06 Nov 2018 03:19

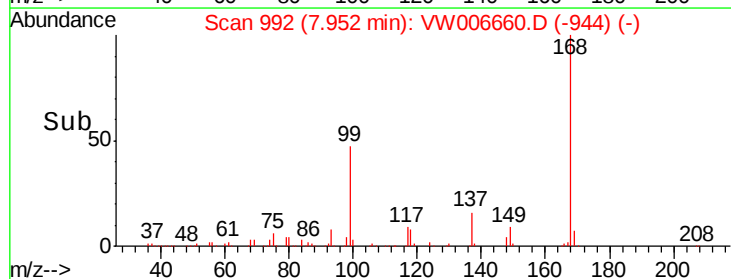
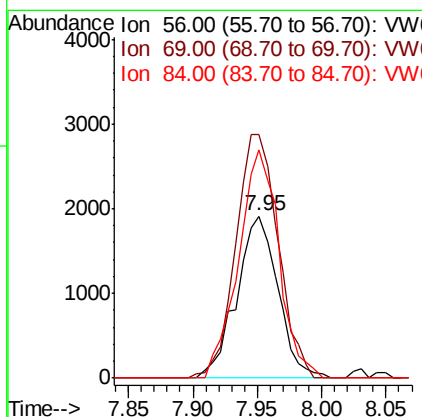
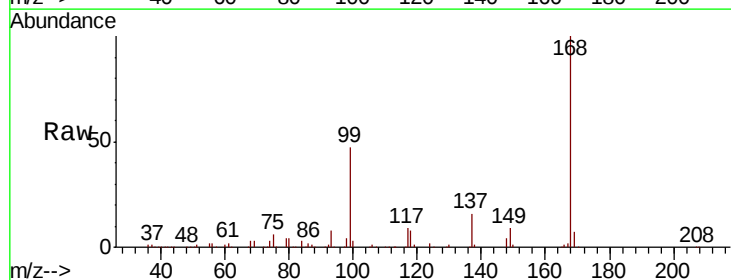
Instrument :
MSVOA_W
ClientSampleId :
JC-03-110218-D

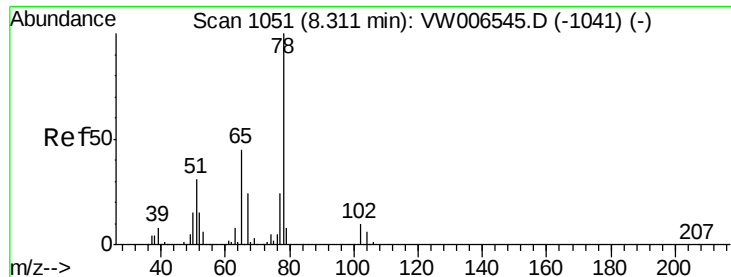
Tgt Ion: 43 Resp: 1935
Ion Ratio Lower Upper
43 100
72 25.4 23.2 34.8



#31
Cyclohexane
Concen: 1.398 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006660.D
Acq: 06 Nov 2018 03:19

Tgt Ion: 56 Resp: 4254
Ion Ratio Lower Upper
56 100
69 149.9 29.0 43.4#
84 140.7 77.8 116.6#

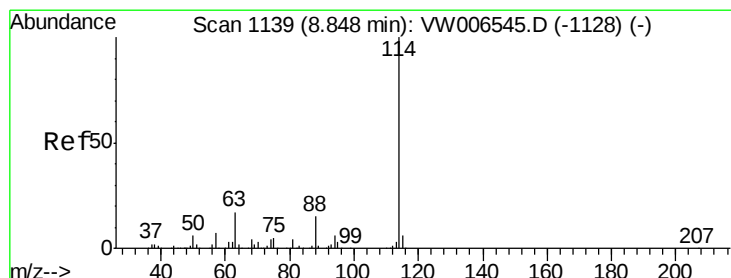
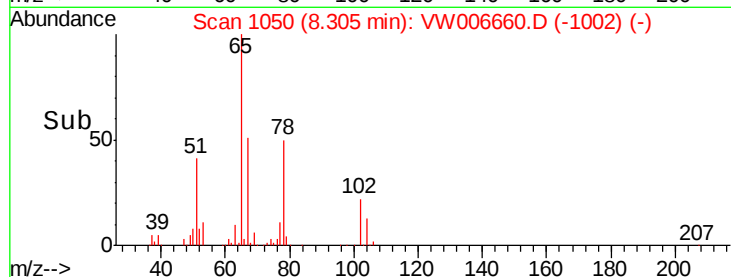
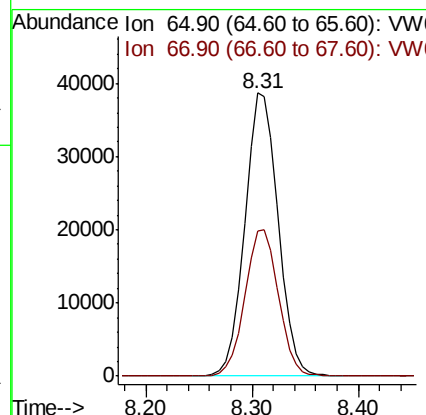
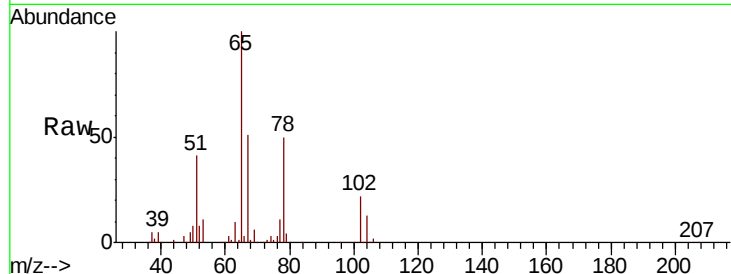




#33
 1,2-Dichloroethane-d4
 Concen: 44.404 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006660.D
 Acq: 06 Nov 2018 03:19

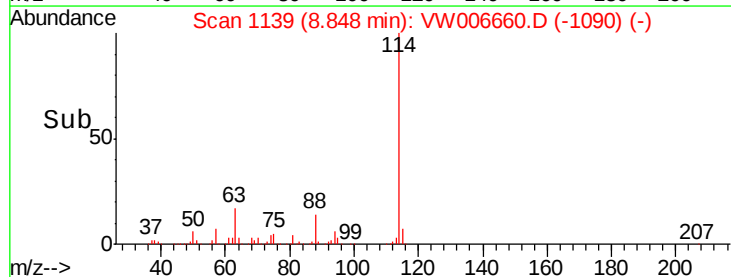
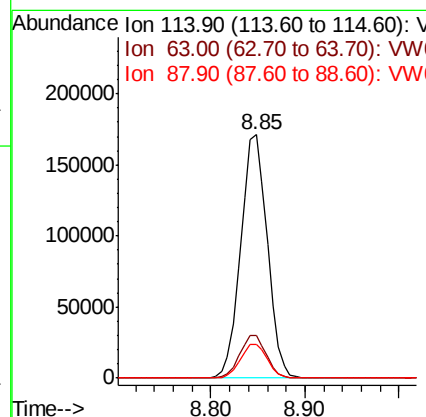
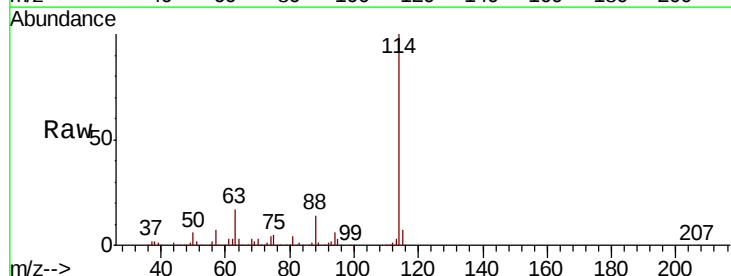
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 JC-03-110218-D

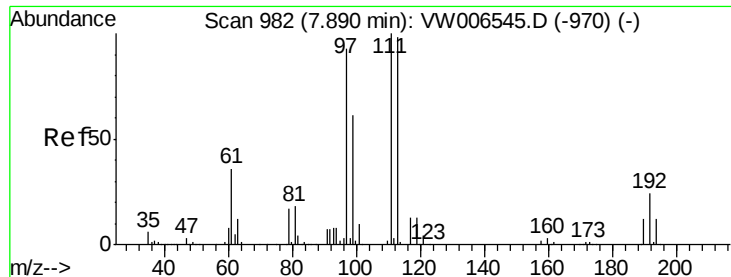
Tgt Ion: 65 Resp: 84832
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006660.D
 Acq: 06 Nov 2018 03:19

Tgt Ion: 114 Resp: 336454
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 34.4
 88 14.0 0.0 29.0





#35

Dibromofluoromethane

Concen: 20.106 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW006660.D

Acq: 06 Nov 2018 03:19

Instrument :

MSVOA_W

ClientSampleId :

JC-03-110218-D

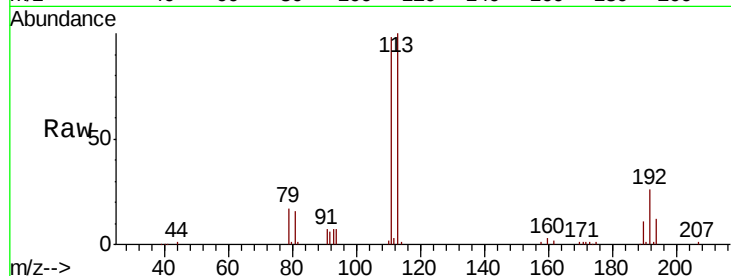
Tgt Ion:113 Resp: 42455

Ion Ratio Lower Upper

113 100

111 101.1 82.2 123.2

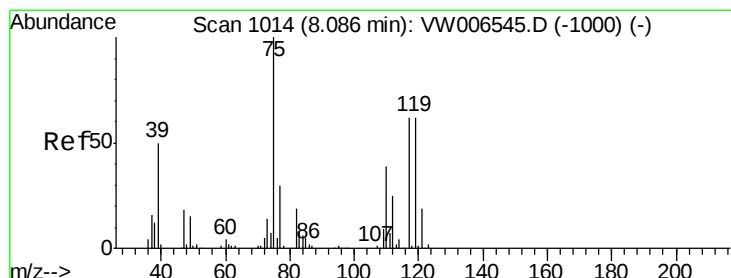
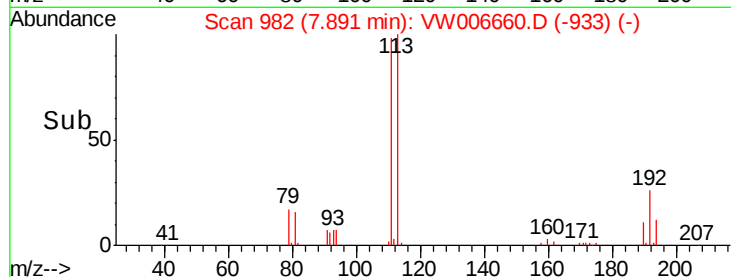
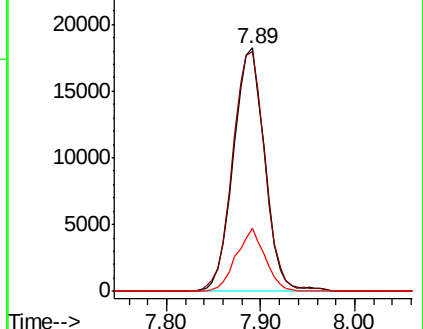
192 23.5 19.0 28.6



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: 4.697 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW006660.D

Acq: 06 Nov 2018 03:19

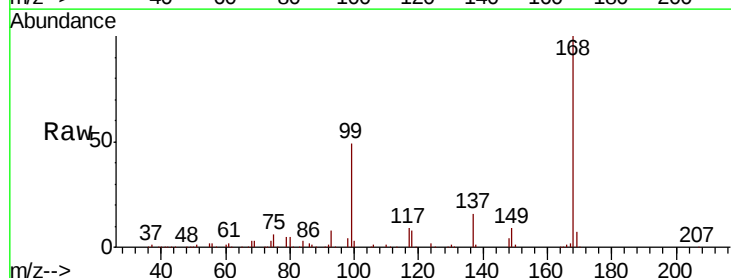
Tgt Ion: 75 Resp: 13896

Ion Ratio Lower Upper

75 100

110 9.7 19.5 58.5#

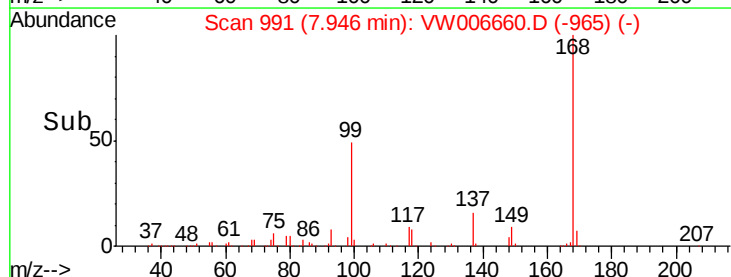
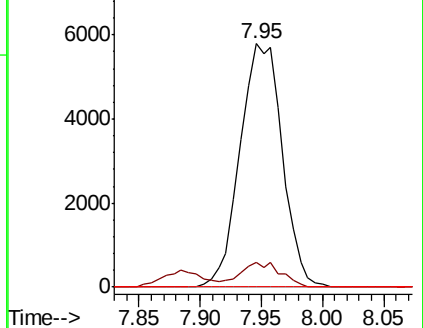
77 0.0 24.6 37.0#

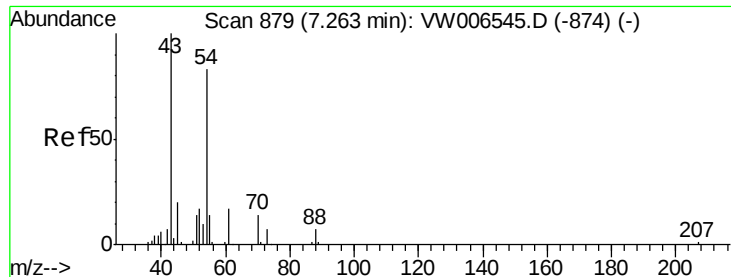


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

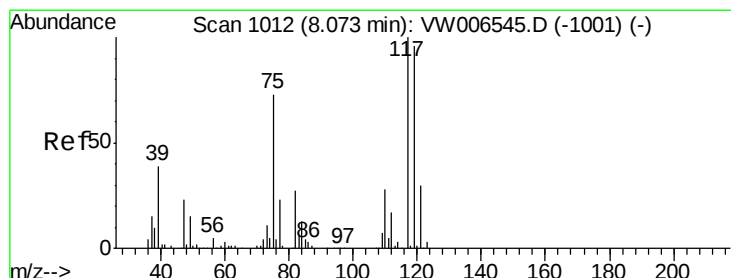
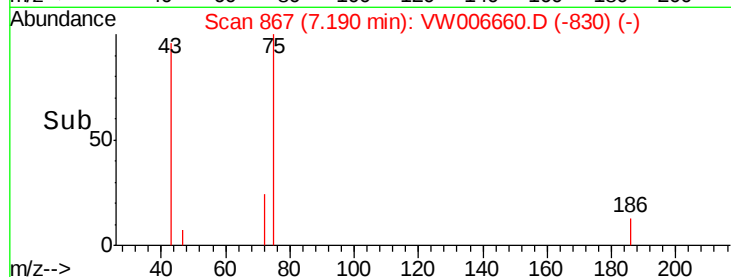
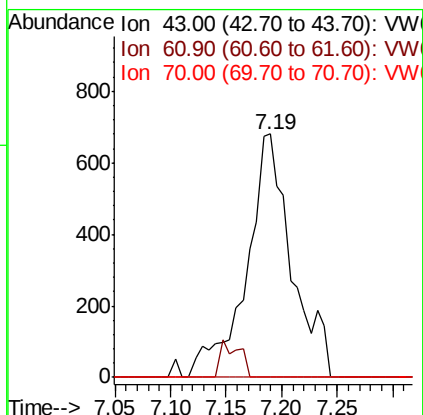
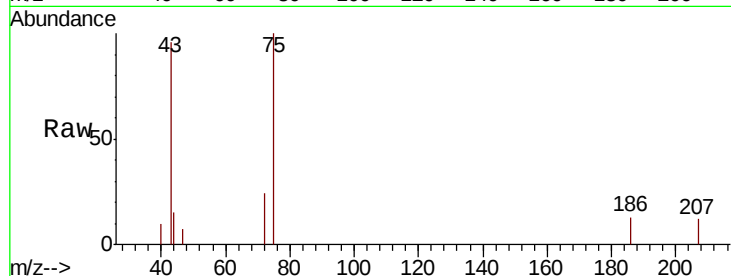




#37
Ethyl Acetate
Concen: 1.887 ug/l
RT: 7.19 min Scan# 867
Delta R.T. -0.07 min
Lab File: VW006660.D
Acq: 06 Nov 2018 03:19

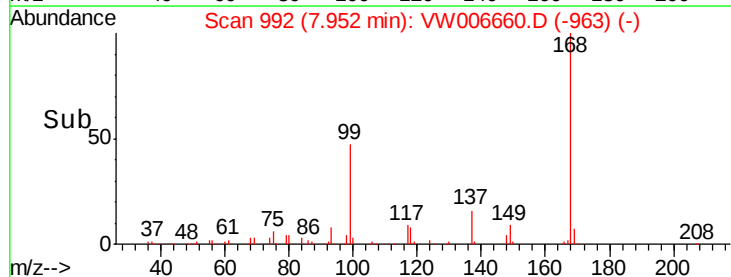
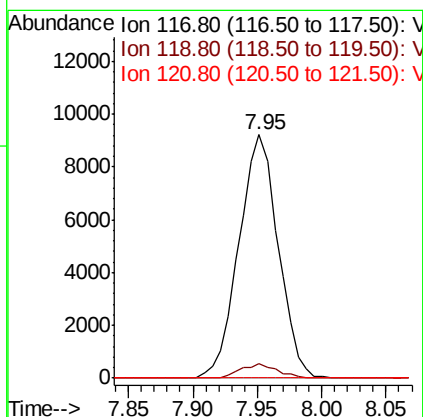
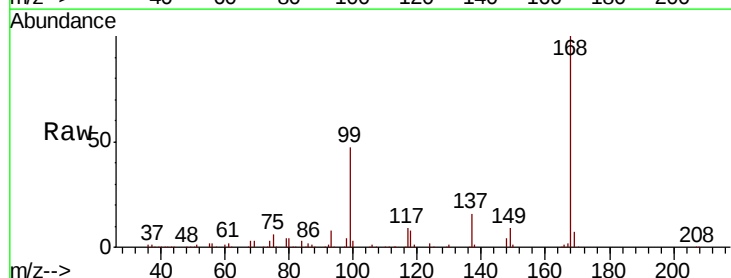
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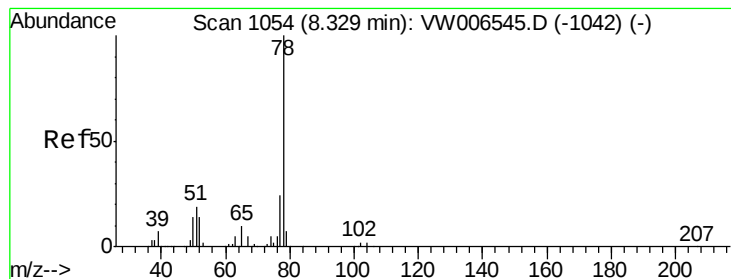
Tgt Ion: 43 Resp: 1935
Ion Ratio Lower Upper
43 100
61 0.0 12.1 18.1#
70 0.0 9.8 14.6#



#38
Carbon Tetrachloride
Concen: 6.288 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006660.D
Acq: 06 Nov 2018 03:19

Tgt Ion: 117 Resp: 19440
Ion Ratio Lower Upper
117 100
119 6.1 76.3 114.5#
121 0.0 24.1 36.1#





#40

Benzene

Concen: 14.624 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VW006660.D

Acq: 06 Nov 2018 03:19

Instrument :

MSVOA_W

ClientSampleId :

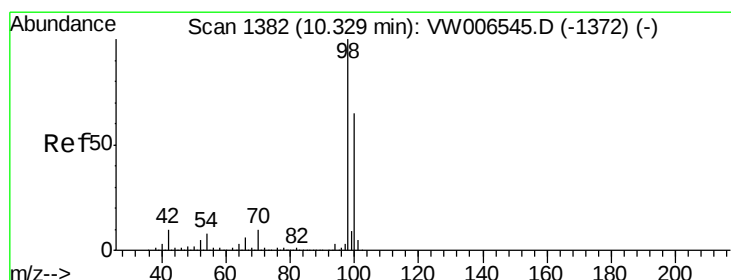
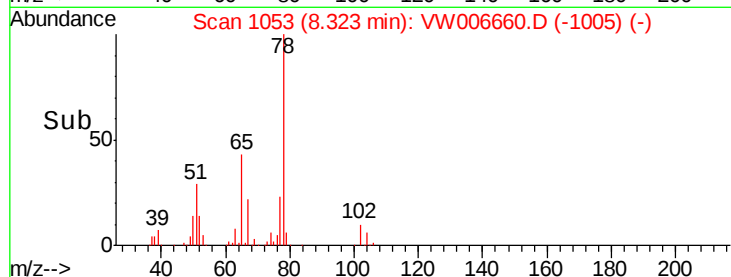
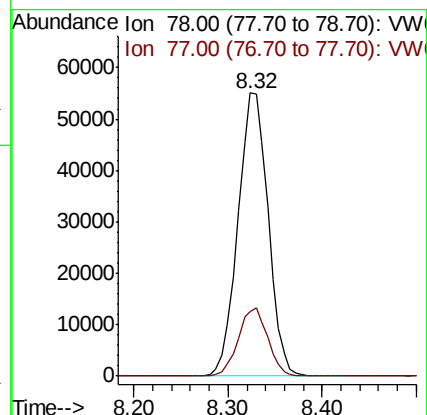
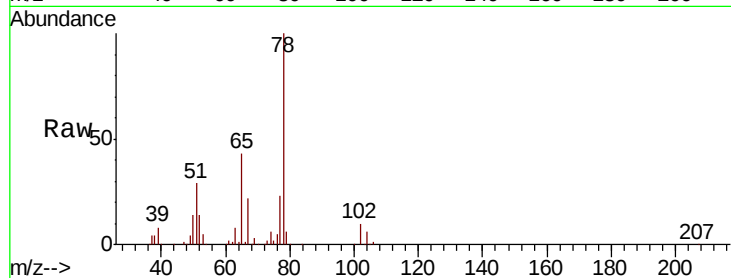
JC-03-110218-D

Tgt Ion: 78 Resp: 122902

Ion Ratio Lower Upper

78 100

77 22.7 19.2 28.8



#50

Toluene-d8

Concen: 37.127 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006660.D

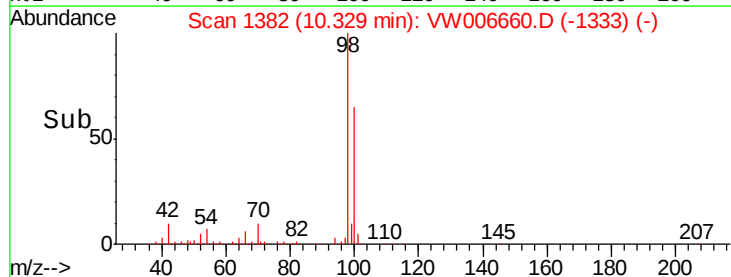
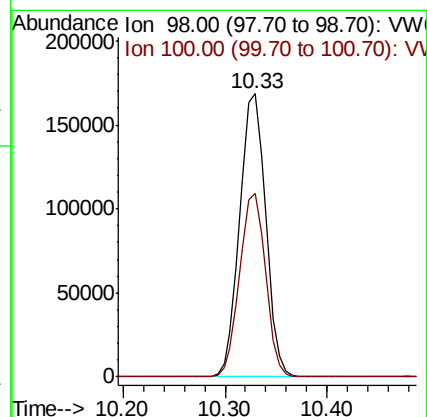
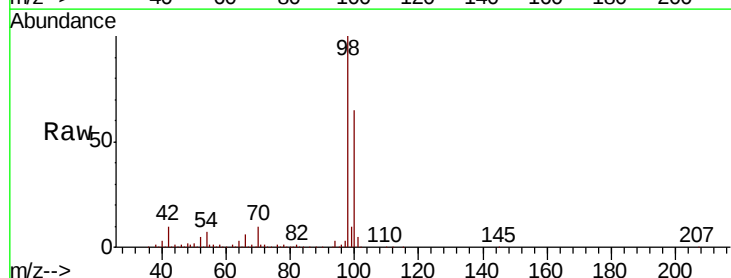
Acq: 06 Nov 2018 03:19

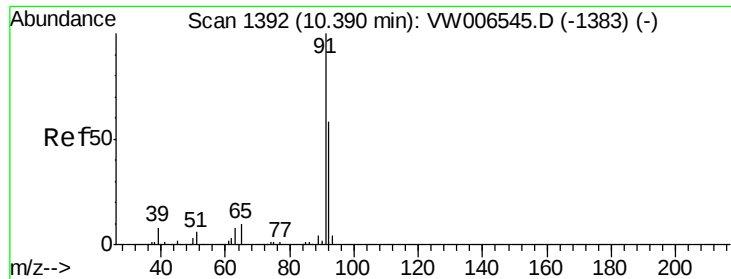
Tgt Ion: 98 Resp: 298433

Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4





#52

Toluene

Concen: 1.959 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006660.D

Acq: 06 Nov 2018 03:19

Instrument :

MSVOA_W

ClientSampleId :

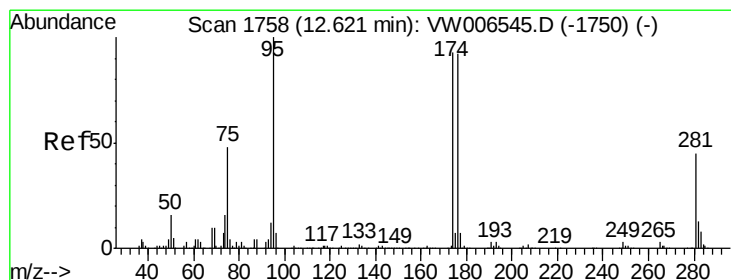
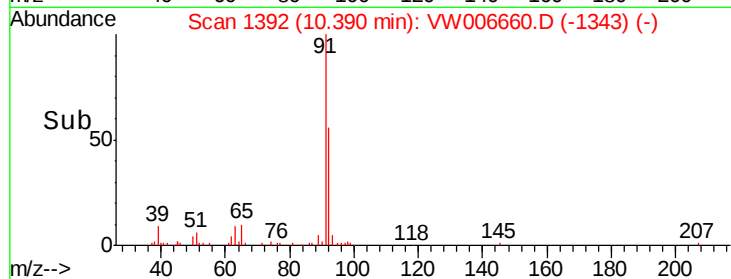
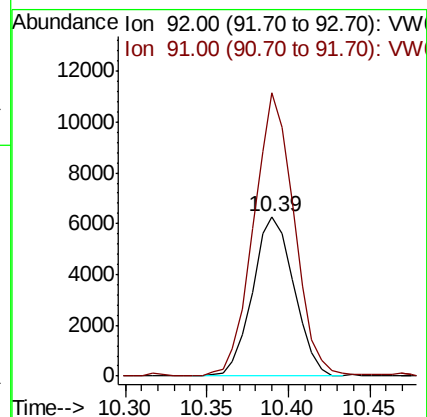
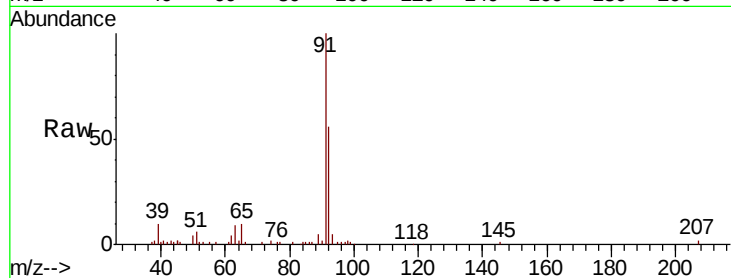
JC-03-110218-D

Tgt Ion: 92 Resp: 11045

Ion Ratio Lower Upper

92 100

91 174.5 138.6 208.0



#62

4-Bromofluorobenzene

Concen: 28.699 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006660.D

Acq: 06 Nov 2018 03:19

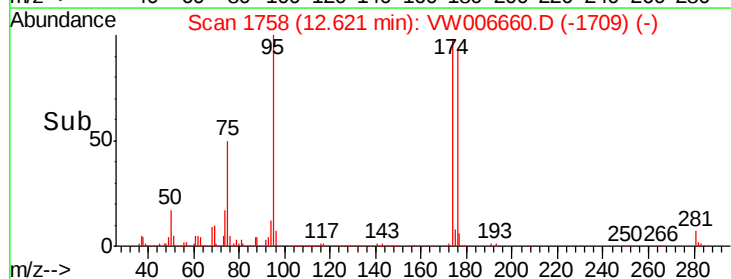
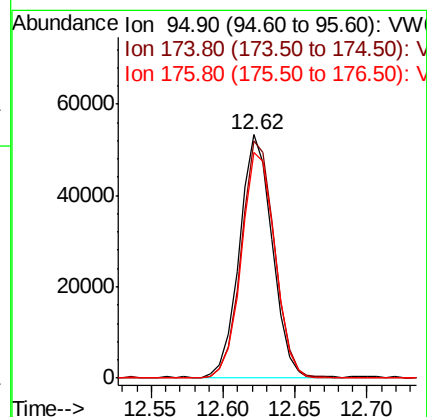
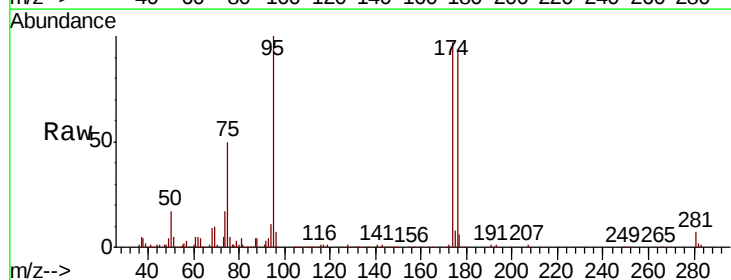
Tgt Ion: 95 Resp: 83634

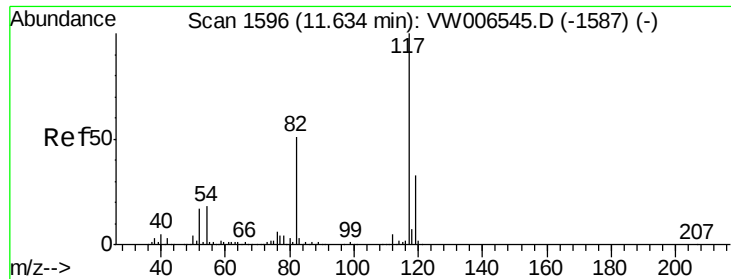
Ion Ratio Lower Upper

95 100

174 99.0 0.0 192.4

176 95.3 0.0 187.4

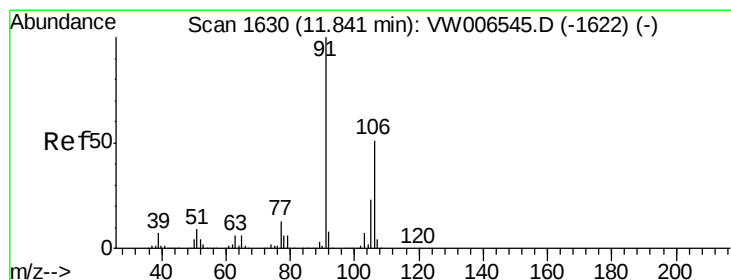
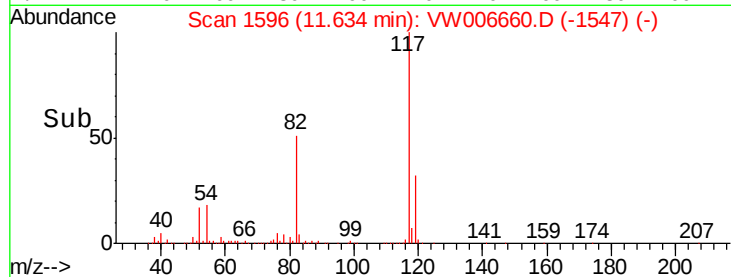
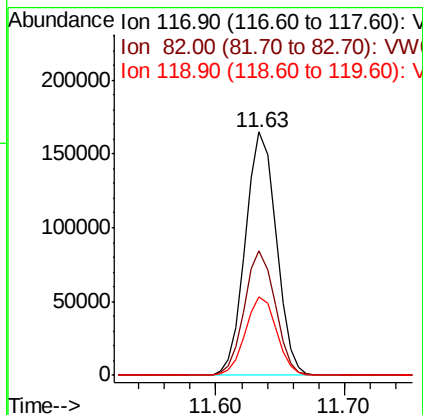
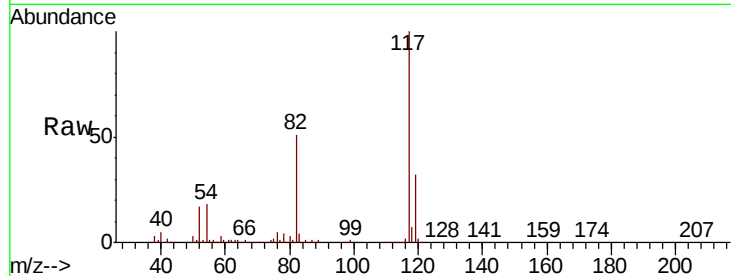




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006660.D
Acq: 06 Nov 2018 03:19

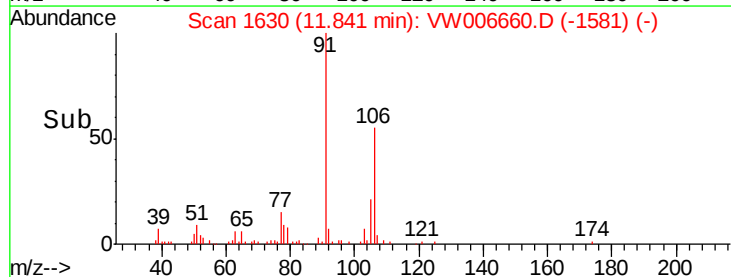
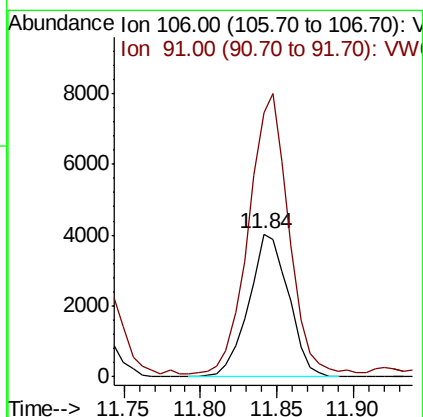
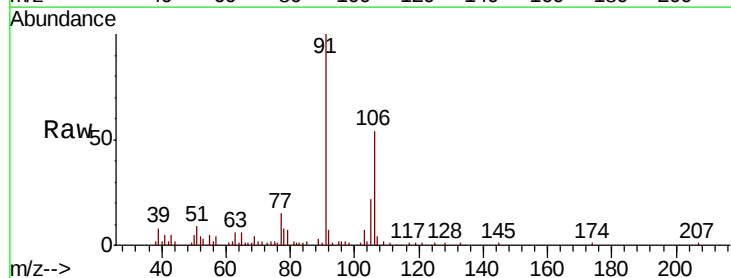
Instrument :
MSVOA_W
ClientSampleId :
JC-03-110218-D

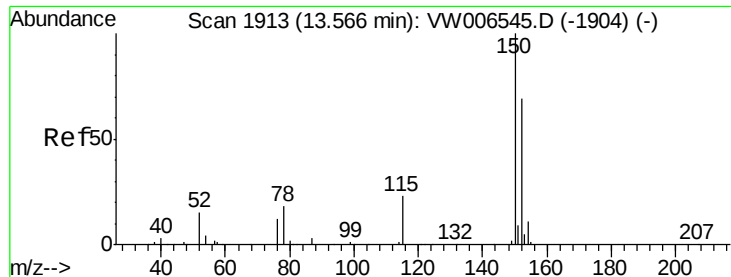
Tgt Ion:117 Resp: 273907
Ion Ratio Lower Upper
117 100
82 51.3 40.8 61.2
119 32.3 26.1 39.1



#68
m/p-Xylenes
Concen: 1.897 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006660.D
Acq: 06 Nov 2018 03:19

Tgt Ion:106 Resp: 7303
Ion Ratio Lower Upper
106 100
91 196.8 156.7 235.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006660.D

Acq: 06 Nov 2018 03:19

Instrument :

MSVOA_W

ClientSampleId :

JC-03-110218-D

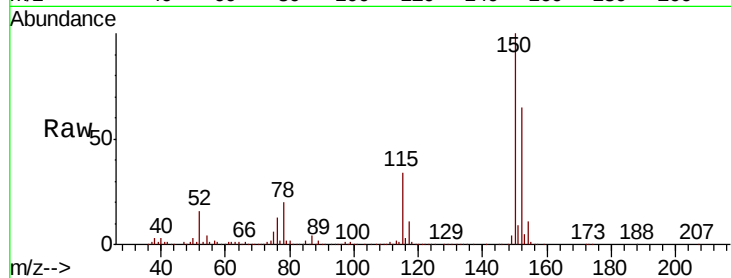
Tgt Ion:152 Resp: 98740

Ion Ratio Lower Upper

152 100

115 54.2 26.6 79.8

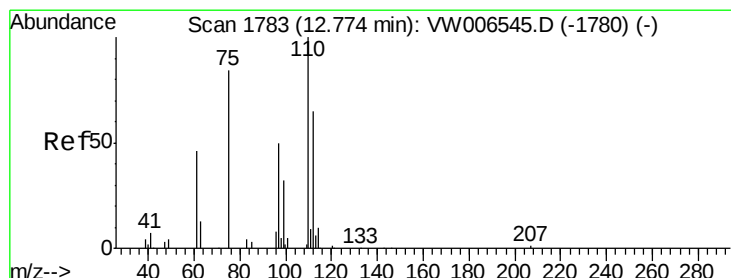
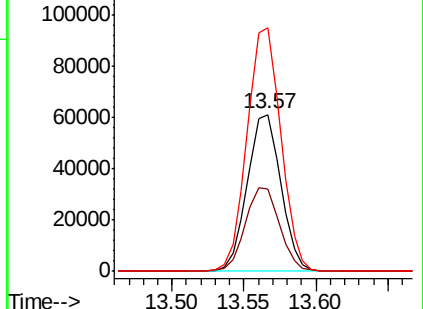
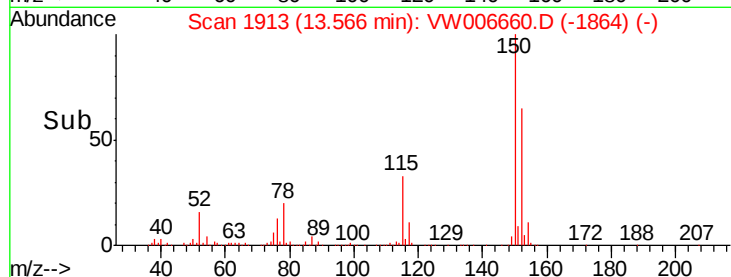
150 156.0 0.0 344.6



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: 53.543 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006660.D

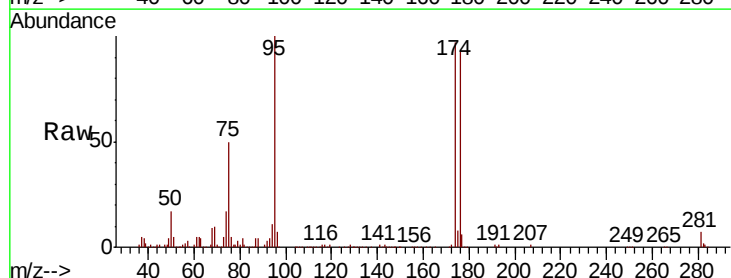
Acq: 06 Nov 2018 03:19

Tgt Ion: 75 Resp: 41249

Ion Ratio Lower Upper

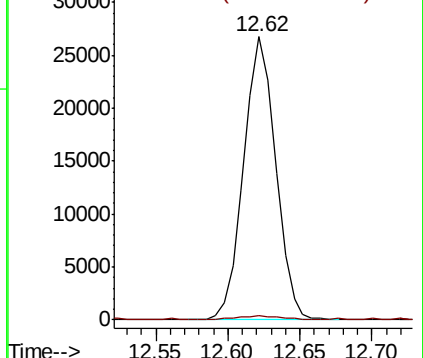
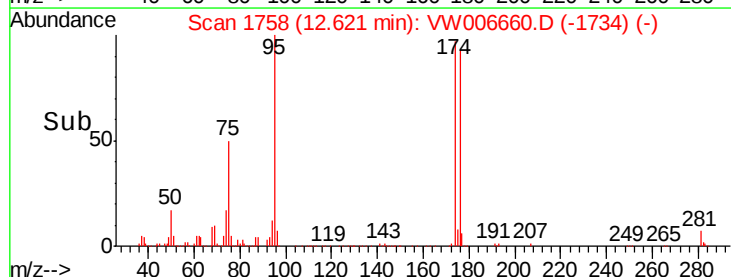
75 100

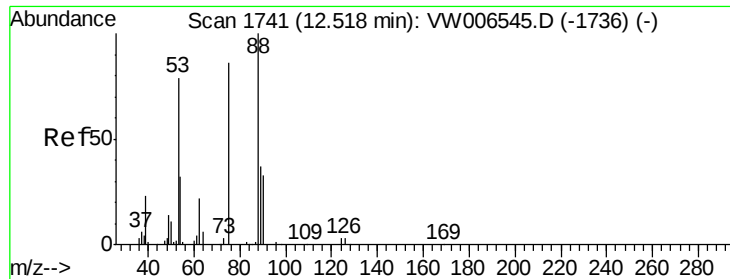
77 1.5 0.0 0.0#



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: 133.942 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006660.D

Acq: 06 Nov 2018 03:19

Instrument :

MSVOA_W

ClientSampleId :

JC-03-110218-D

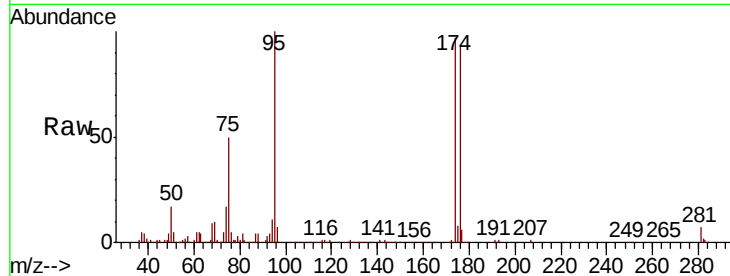
Tgt Ion: 75 Resp: 41249

Ion Ratio Lower Upper

75 100

53 0.7 77.2 115.8#

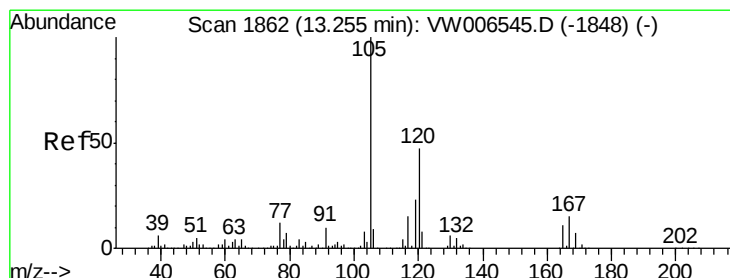
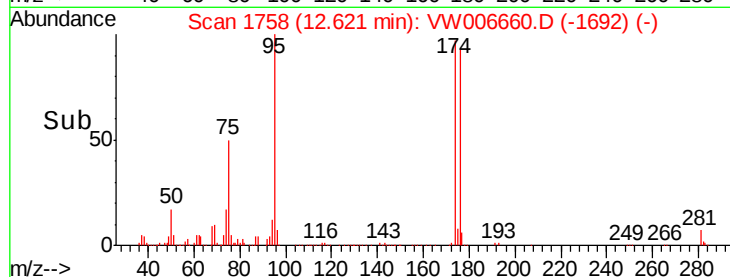
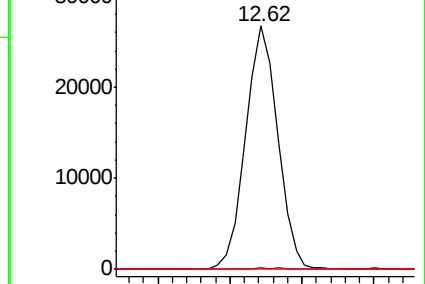
89 0.0 38.6 58.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#84

1,2,4-Trimethylbenzene

Concen: 1.345 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW006660.D

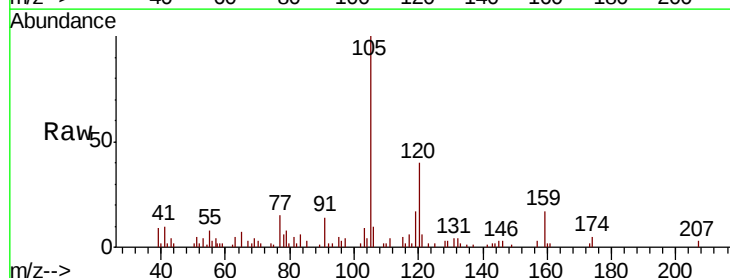
Acq: 06 Nov 2018 03:19

Tgt Ion:105 Resp: 7540

Ion Ratio Lower Upper

105 100

120 48.1 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

