

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW003981.D
 Acq On : 17 Jul 2018 13:34
 Operator : VA/AP
 Sample : J3966-01RE
 Misc : 5.96G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 72-11977RE

Quant Time: Jul 17 14:13:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 17 11:52:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	28168	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	45645	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	44016	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	18484	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	23802	75.60	ug/l	0.00
Spiked Amount			Recovery	=	151.20%	
35) Dibromofluoromethane	7.88	113	19540	66.72	ug/l	0.00
Spiked Amount			Recovery	=	133.44%	
50) Toluene-d8	10.33	98	55001	48.40	ug/l	0.00
Spiked Amount			Recovery	=	96.80%	
62) 4-Bromofluorobenzene	12.62	95	17627	43.01	ug/l	0.00
Spiked Amount			Recovery	=	86.02%	

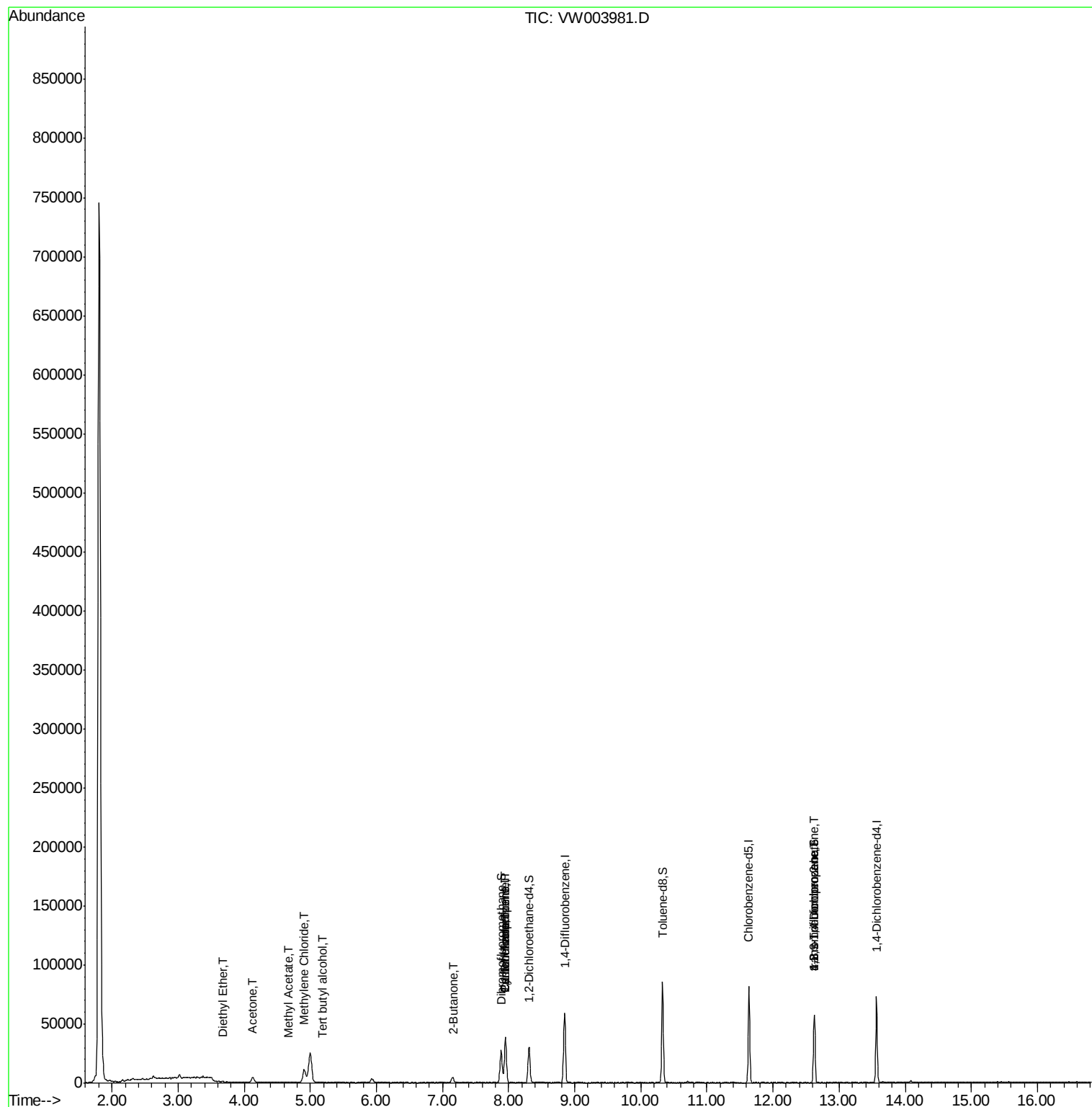
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.67	74	146	1.05	ug/l	56
11) Tert butyl alcohol	5.18	59	102	4.69	ug/l #	72
16) Acetone	4.13	43	7118	94.08	ug/l	90
18) Methyl Acetate	4.67	43	194	1.07	ug/l #	54
20) Methylene Chloride	4.90	84	7347	16.77	ug/l	97
25) 2-Butanone	7.17	43	217	2.13	ug/l #	51
31) Cyclohexane	7.95	56	914	1.75	ug/l #	32
36) 1,1-Dichloropropene	7.95	75	2395	5.10	ug/l #	45
38) Carbon Tetrachloride	7.96	117	3083	7.03	ug/l #	20
76) 1,2,3-Trichloropropane	12.62	75	8821	48.07	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	8821	106.33	ug/l #	11

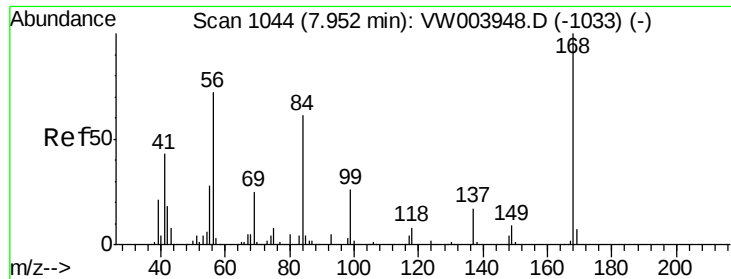
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071718\
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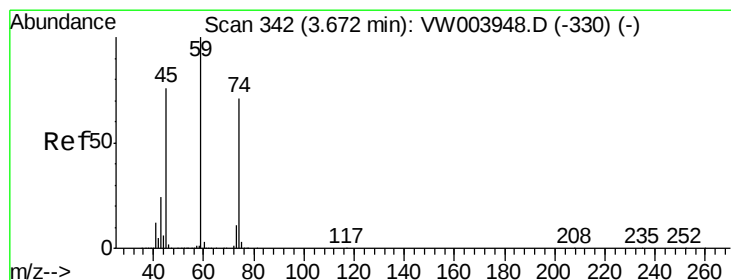
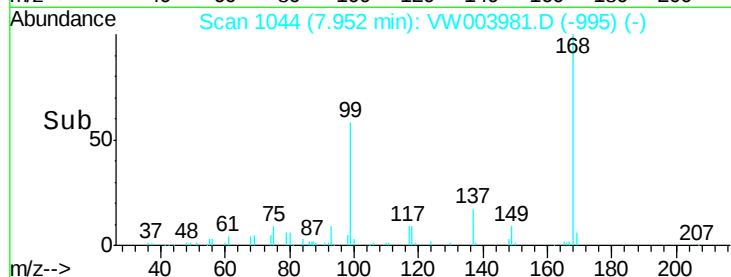
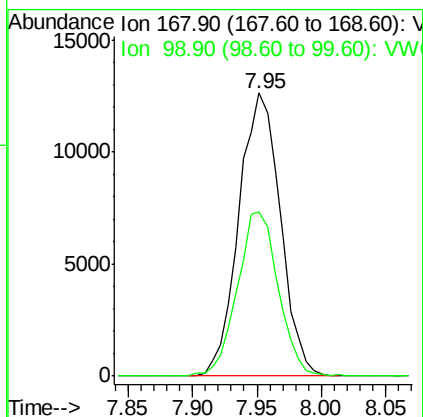
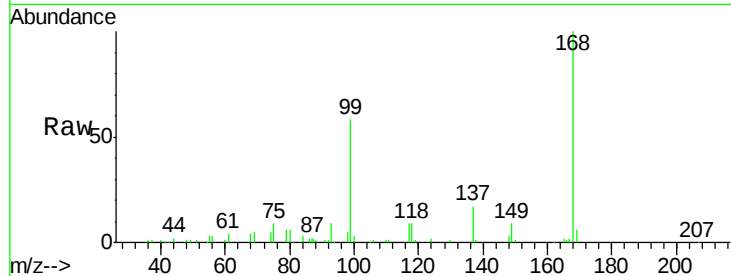


#1

Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VW003981.D
 Acq: 17 Jul 2018 13:34

Instrument :
 MSVOA_W
 ClientSampleId :
 72-11977RE

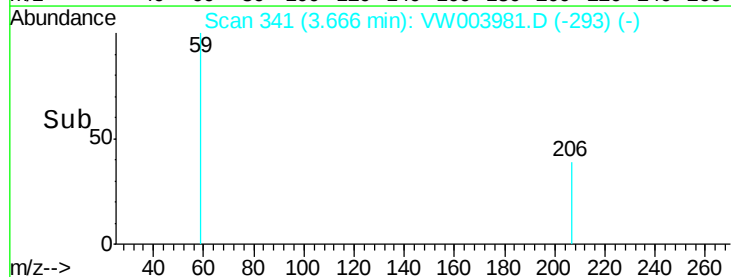
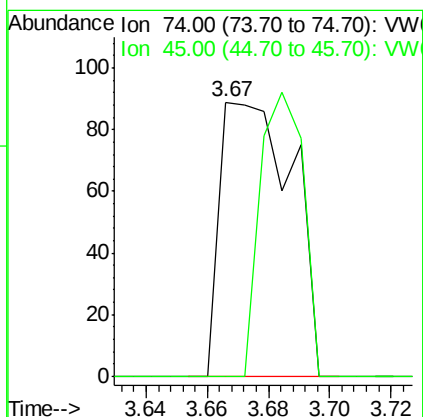
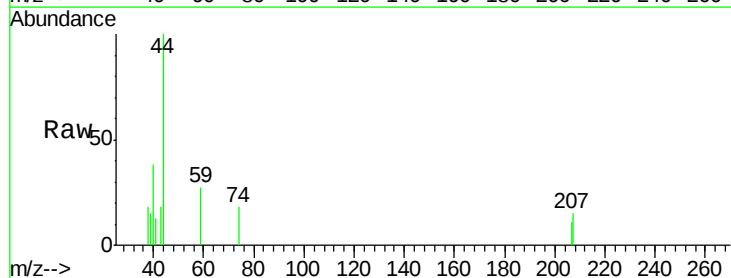
Tot Ion:168 Resp: 28168
 Ion Ratio Lower Upper
 168 100
 99 58.2 43.8 65.6

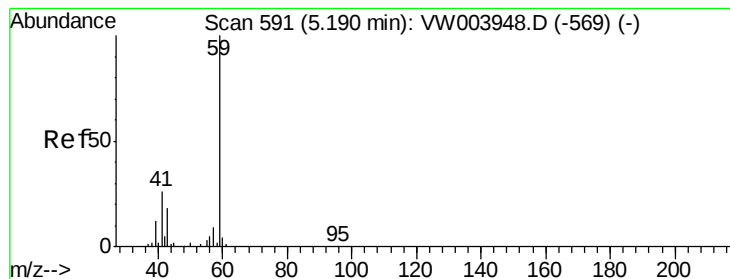


#8

Diethyl Ether
 Concen: 1.05 ug/l
 RT: 3.67 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VW003981.D
 Acq: 17 Jul 2018 13:34

Tgt Ion: 74 Resp: 146
 Ion Ratio Lower Upper
 74 100
 45 61.6 53.8 161.4



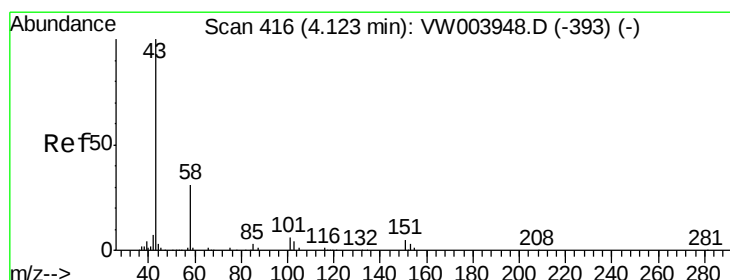
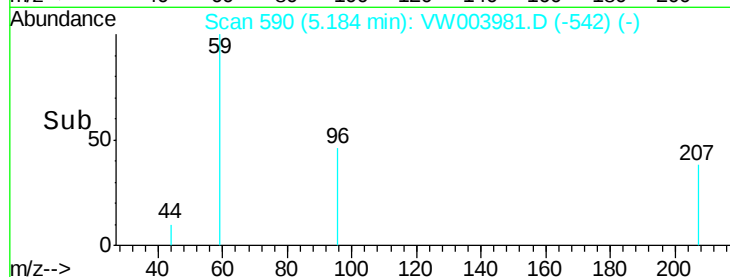
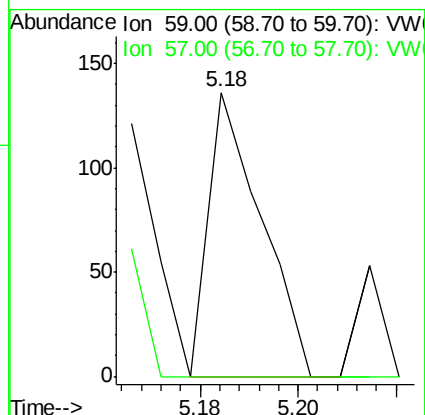
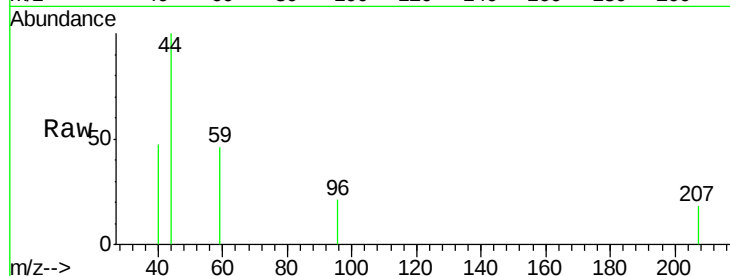


#11

Tert butyl alcohol
Concen: 4.69 ug/l
RT: 5.18 min Scan# 590
Delta R.T. -0.01 min
Lab File: VW003981.D
Acq: 17 Jul 2018 13:34

Instrument :
MSVOA_W
ClientSampled :
72-11977RE

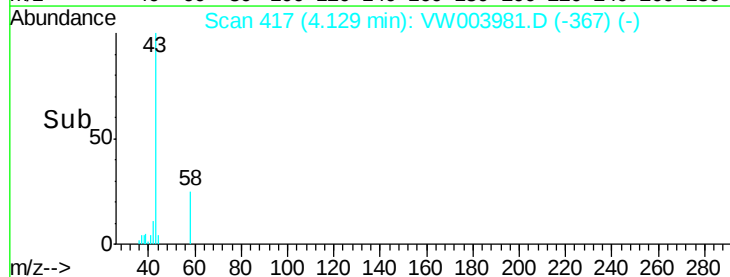
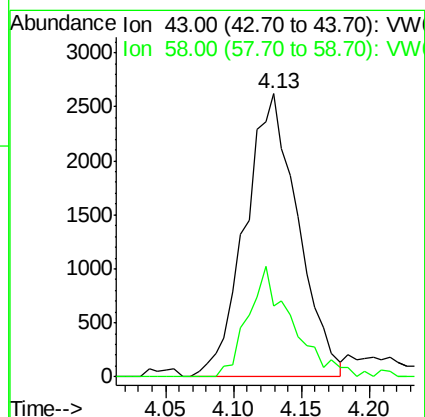
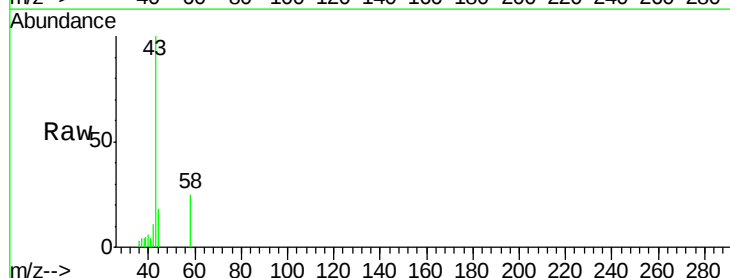
Tot Ion: 59 Resp: 102
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

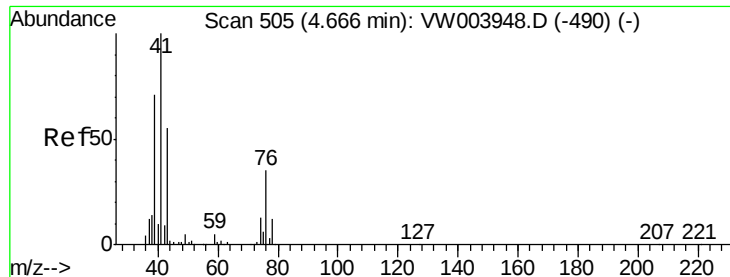


#16

Acetone
Concen: 94.08 ug/l
RT: 4.13 min Scan# 417
Delta R.T. 0.01 min
Lab File: VW003981.D
Acq: 17 Jul 2018 13:34

Tgt Ion: 43 Resp: 7118
Ion Ratio Lower Upper
43 100
58 25.0 24.5 36.7

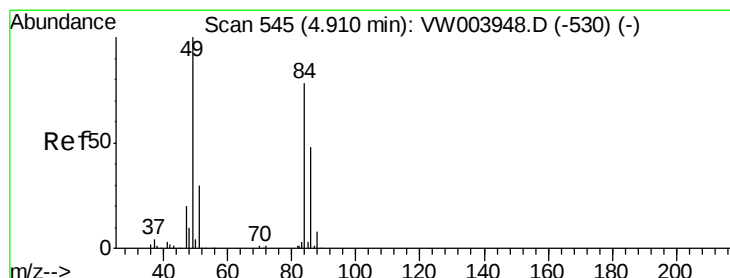
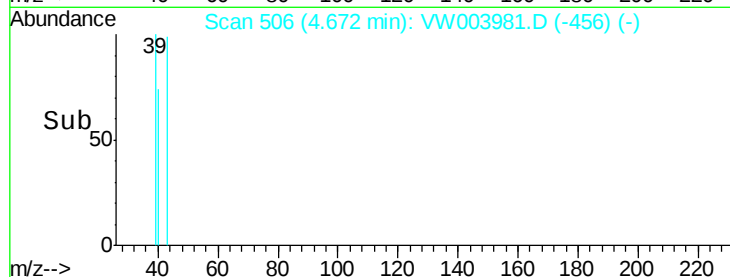
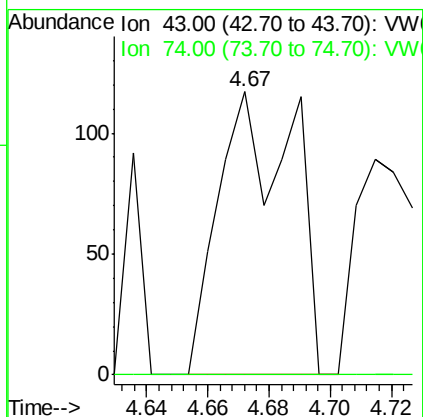
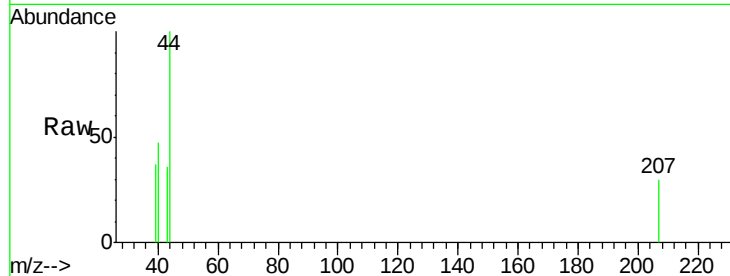




#18
Methyl Acetate
Concen: 1.07 ug/l
RT: 4.67 min Scan# 506
Delta R.T. 0.01 min
Lab File: VW003981.D
Acq: 17 Jul 2018 13:34

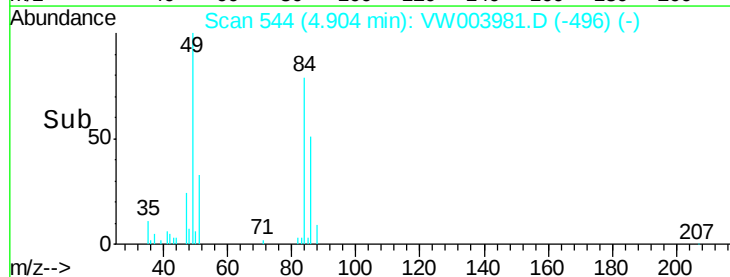
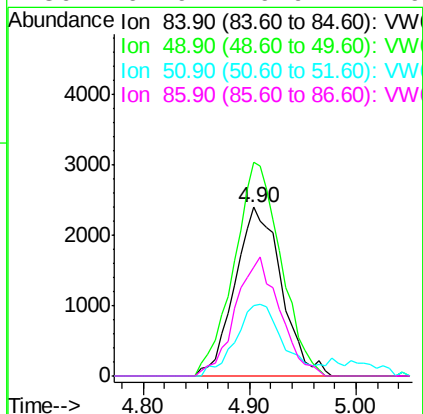
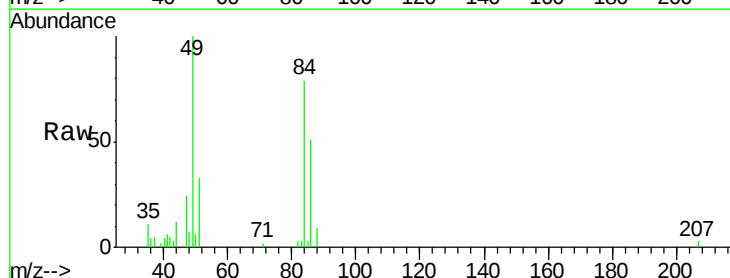
Instrument :
MSVOA_W
ClientSampleId :
72-11977RE

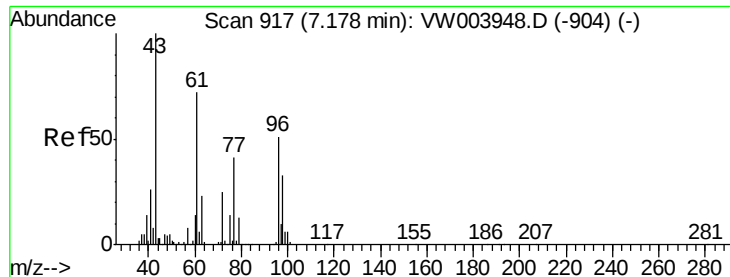
Tot Ion: 43 Resp: 194
Ion Ratio Lower Upper
43 100
74 0.0 17.7 26.5#



#20
Methylene Chloride
Concen: 16.77 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003981.D
Acq: 17 Jul 2018 13:34

Tgt Ion: 84 Resp: 7347
Ion Ratio Lower Upper
84 100
49 126.8 102.9 154.3
51 41.6 30.9 46.3
86 64.9 49.9 74.9





#25

2-Butanone

Concen: 2.13 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW003981.D

Acq: 17 Jul 2018 13:34

Instrument :

MSVOA_W

ClientSampleId :

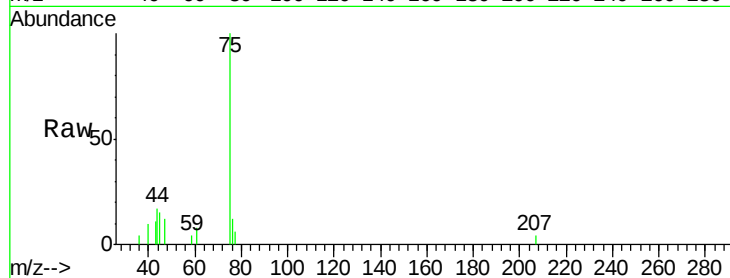
72-11977RE

Tot Ion: 43 Resp: 217

Ion Ratio Lower Upper

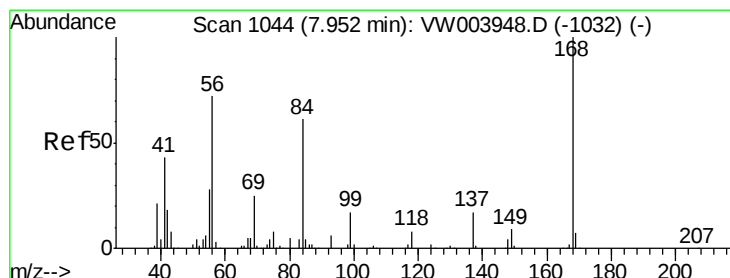
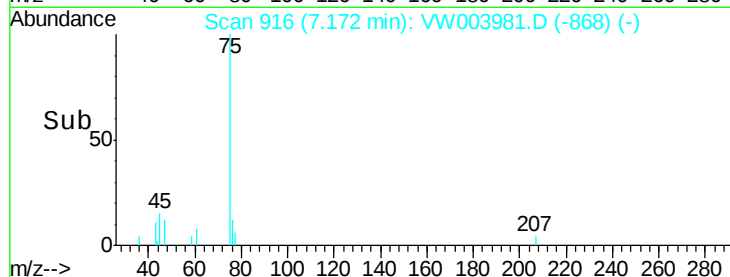
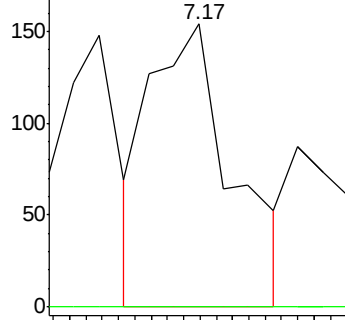
43 100

72 0.0 19.8 29.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#31

Cyclohexane

Concen: 1.75 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003981.D

Acq: 17 Jul 2018 13:34

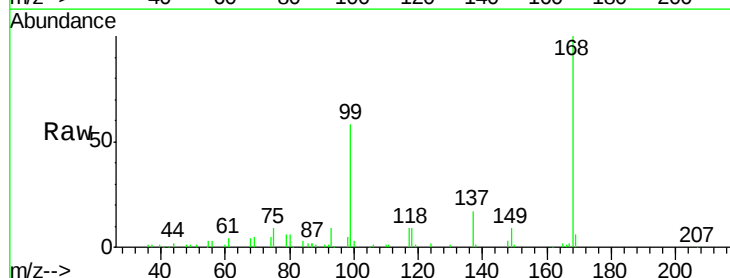
Tgt Ion: 56 Resp: 914

Ion Ratio Lower Upper

56 100

69 156.5 27.8 41.8#

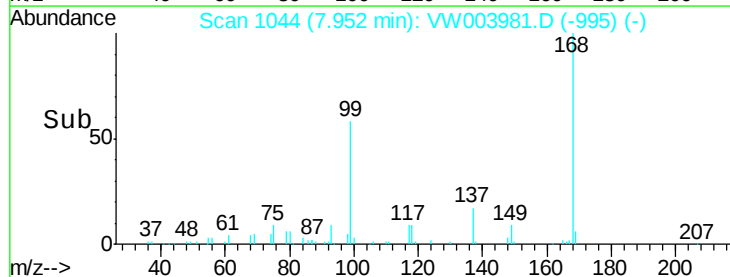
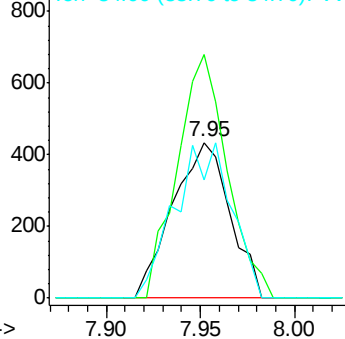
84 76.0 67.2 100.8

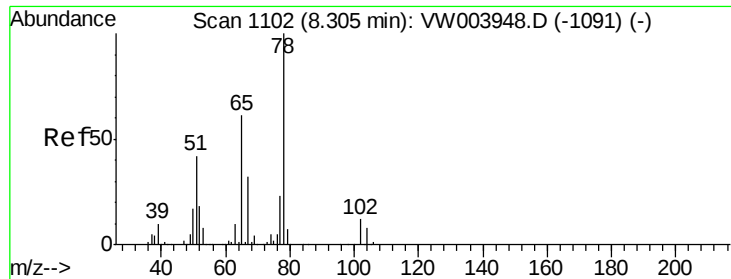


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW





#33

1,2-Dichloroethane-d4

Concen: 75.60 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW003981.D

Acq: 17 Jul 2018 13:34

Instrument :

MSVOA_W

ClientSampleId :

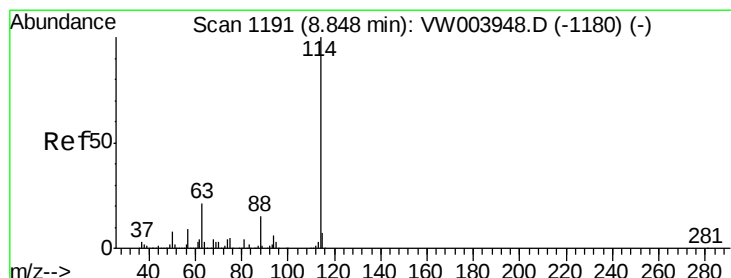
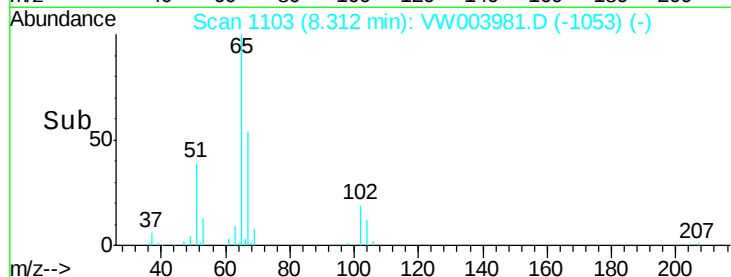
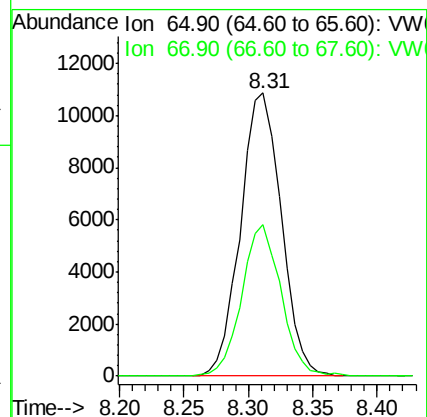
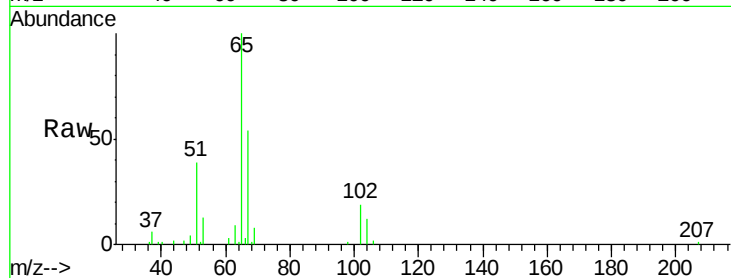
72-11977RE

Tot Ion: 65 Resp: 23802

Ion Ratio Lower Upper

65 100

67 51.7 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003981.D

Acq: 17 Jul 2018 13:34

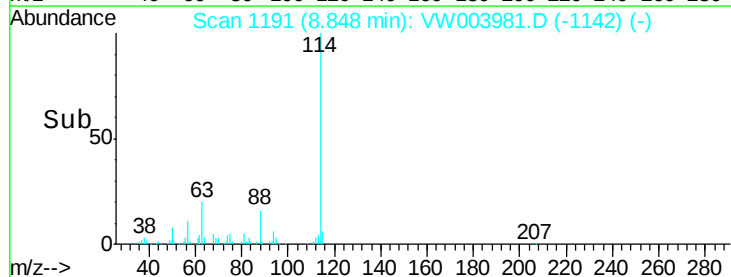
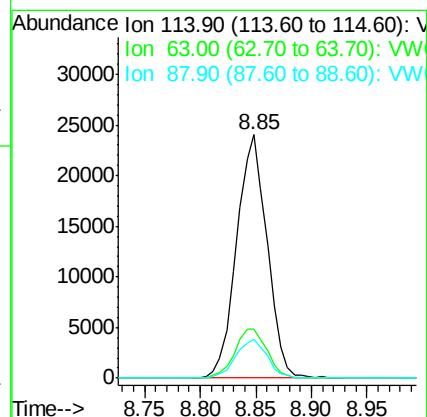
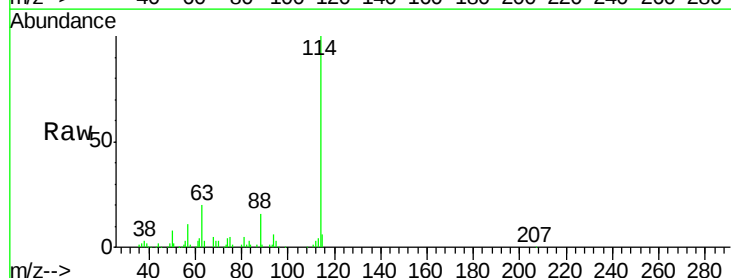
Tgt Ion: 114 Resp: 45645

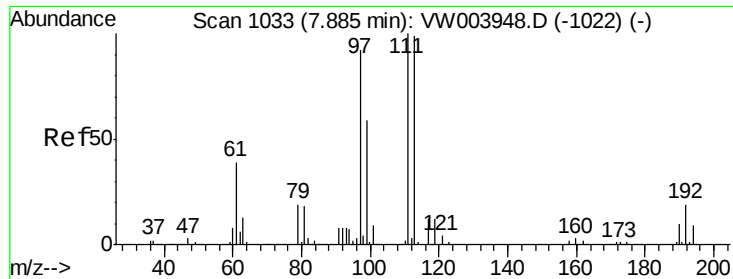
Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.8

88 15.7 0.0 30.4

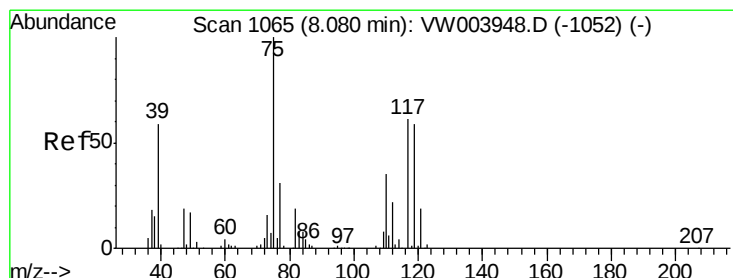
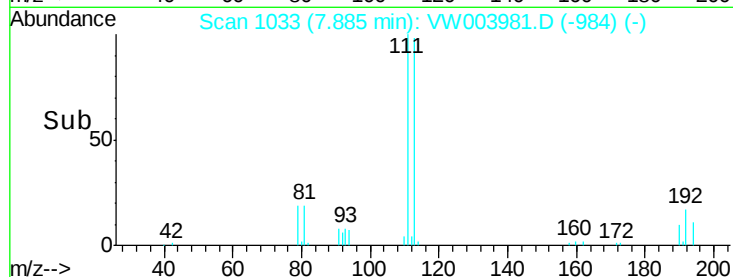
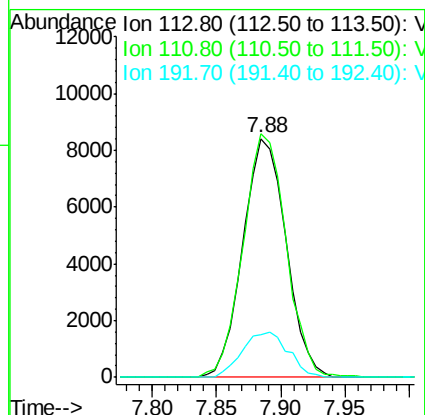
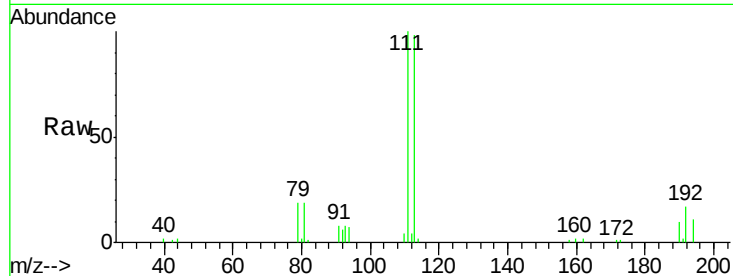




#35
Dibromofluoromethane
Concen: 66.72 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW003981.D
Acq: 17 Jul 2018 13:34

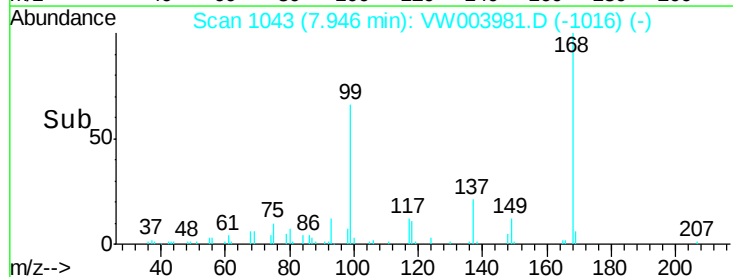
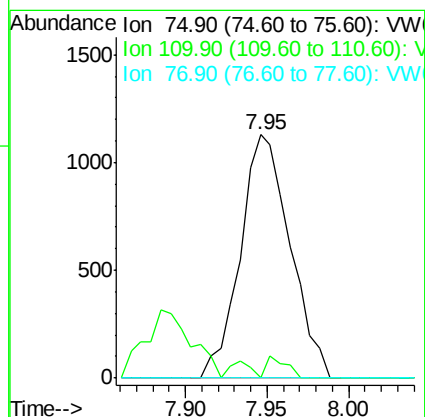
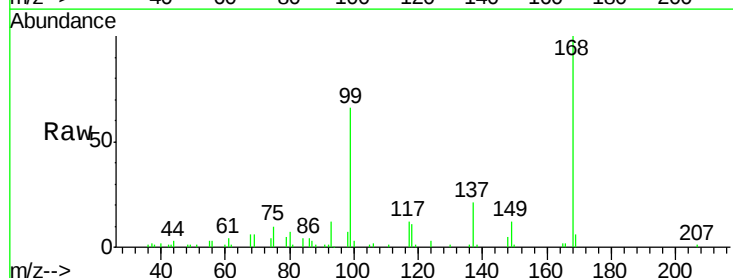
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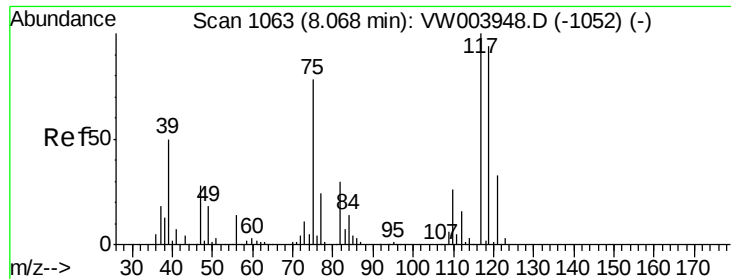
Tot Ion:113 Resp: 19540
Ion Ratio Lower Upper
113 100
111 101.8 81.3 121.9
192 20.1 15.8 23.6



#36
1,1-Dichloropropene
Concen: 5.10 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.13 min
Lab File: VW003981.D
Acq: 17 Jul 2018 13:34

Tgt Ion: 75 Resp: 2395
Ion Ratio Lower Upper
75 100
110 3.5 17.0 51.0#
77 0.0 24.9 37.3#

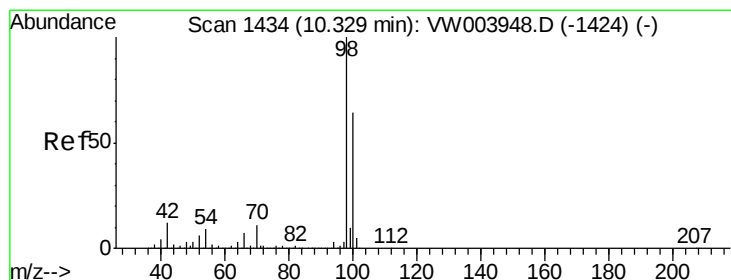
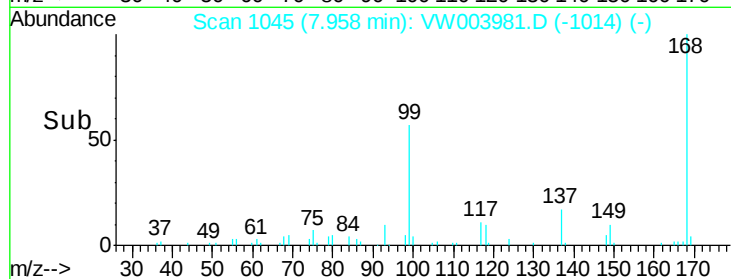
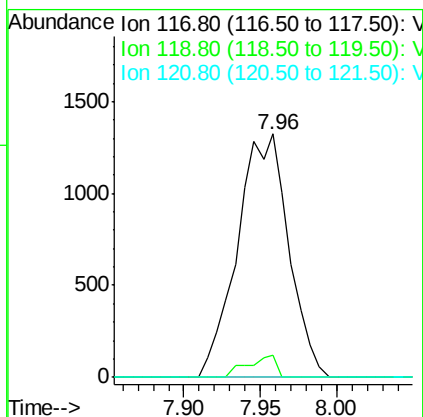
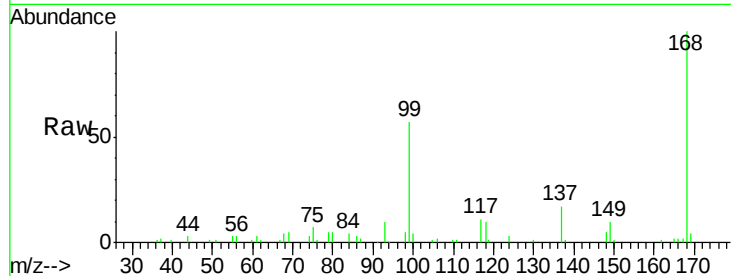




#38
Carbon Tetrachloride
Concen: 7.03 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.11 min
Lab File: VW003981.D
Acq: 17 Jul 2018 13:34

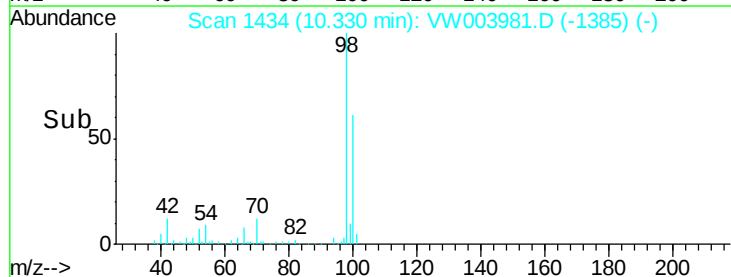
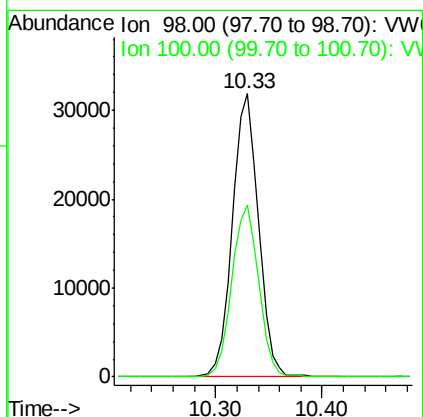
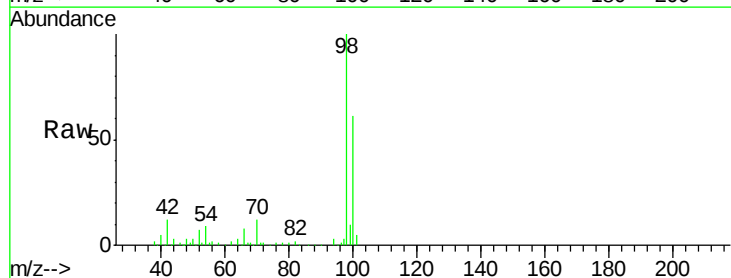
Instrument :
MSVOA_W
ClientSampleId :
72-11977RE

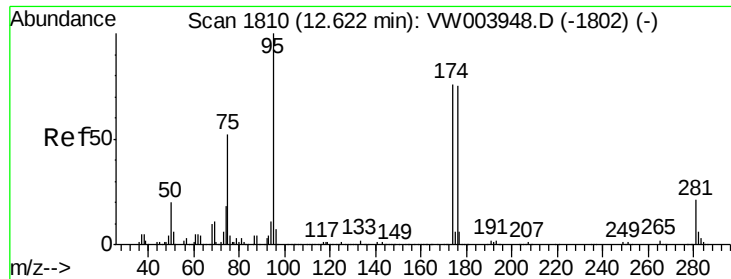
Tot Ion:117 Resp: 3083
Ion Ratio Lower Upper
117 100
119 9.1 75.3 112.9#
121 0.0 26.0 39.0#



#50
Toluene-d8
Concen: 48.40 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003981.D
Acq: 17 Jul 2018 13:34

Tgt Ion: 98 Resp: 55001
Ion Ratio Lower Upper
98 100
100 62.4 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 43.01 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW003981.D

Acq: 17 Jul 2018 13:34

Instrument :

MSVOA_W

ClientSampleId :

72-11977RE

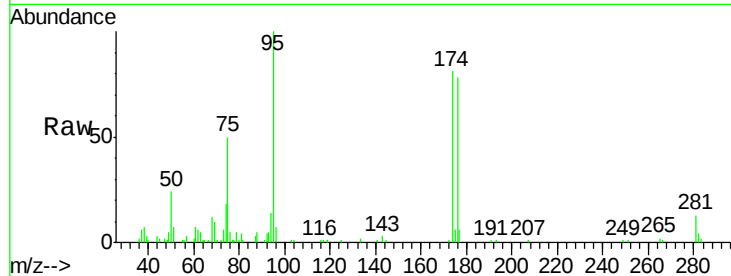
Tot Ion: 95 Resp: 17627

Ion Ratio Lower Upper

95 100

174 83.9 0.0 160.2

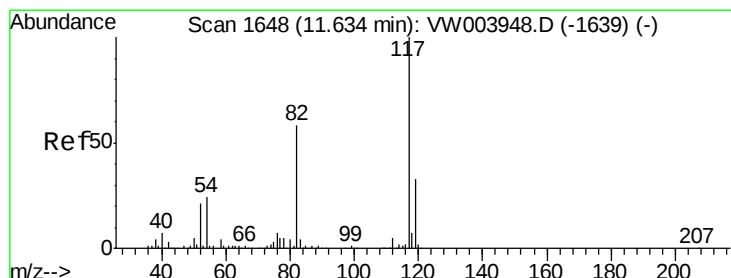
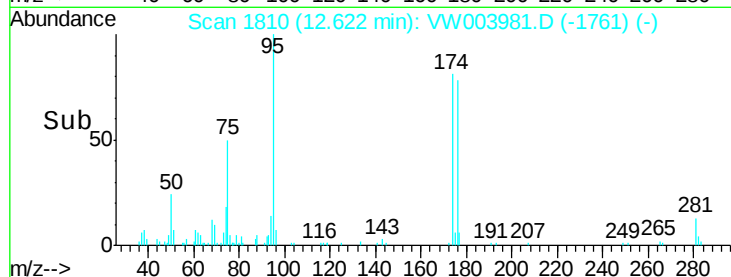
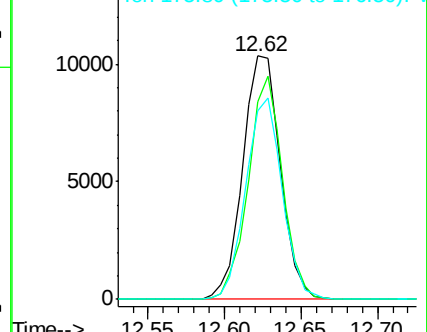
176 80.3 0.0 155.8



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: 50.00 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. 0.00 min

Lab File: VW003981.D

Acq: 17 Jul 2018 13:34

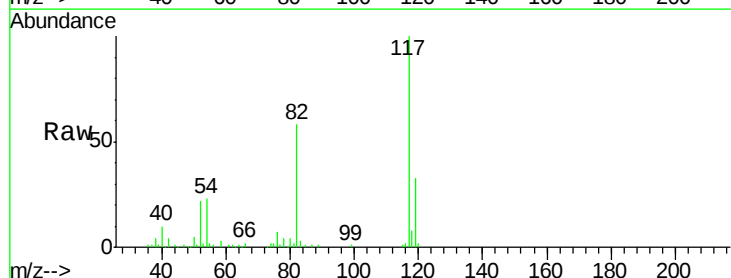
Tgt Ion: 117 Resp: 44016

Ion Ratio Lower Upper

117 100

82 57.8 46.5 69.7

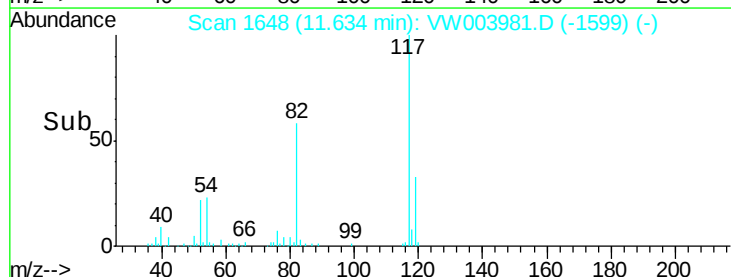
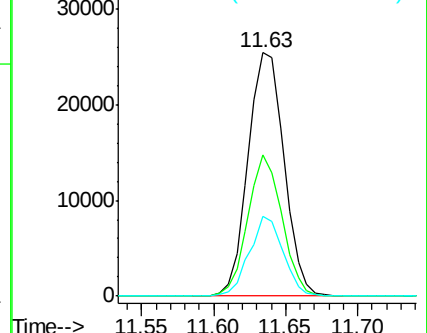
119 32.8 26.2 39.2

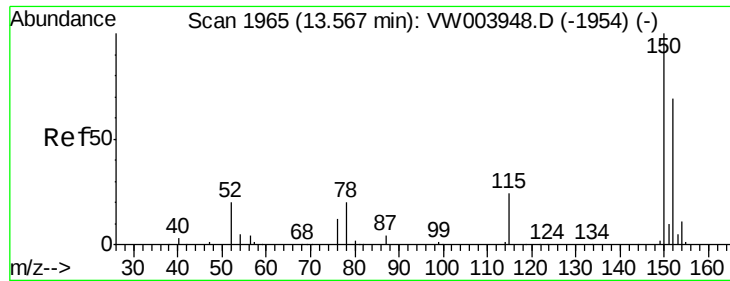


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003981.D

Acq: 17 Jul 2018 13:34

Instrument :

MSVOA_W

ClientSampleId :

72-11977RE

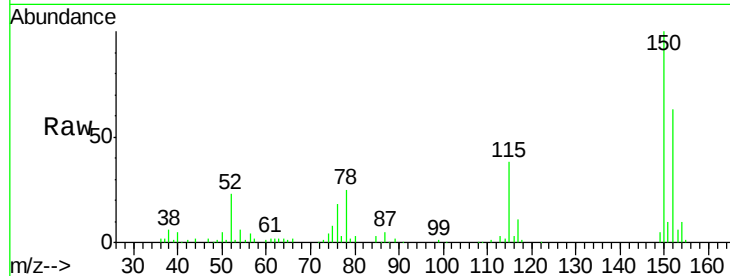
Tot Ion:152 Resp: 18484

Ion Ratio Lower Upper

152 100

115 57.9 29.2 87.6

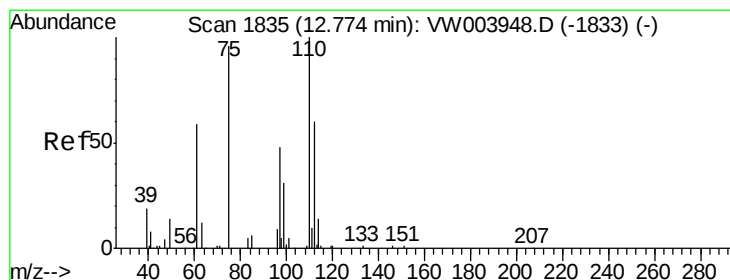
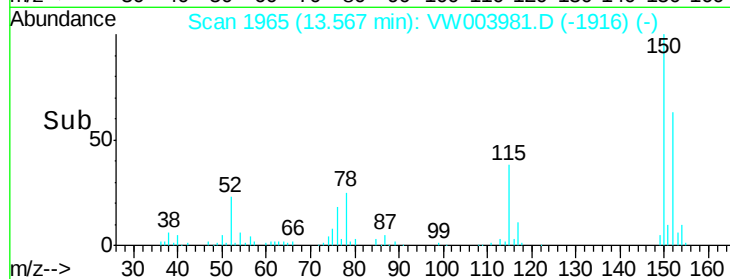
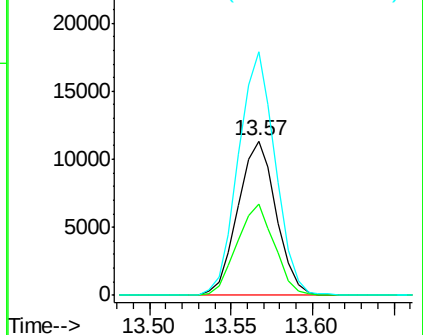
150 152.5 0.0 345.2



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: 48.07 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003981.D

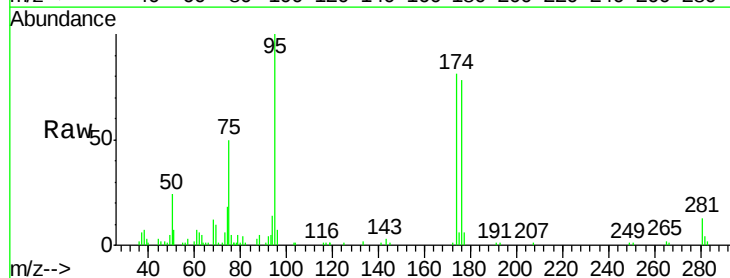
Acq: 17 Jul 2018 13:34

Tgt Ion: 75 Resp: 8821

Ion Ratio Lower Upper

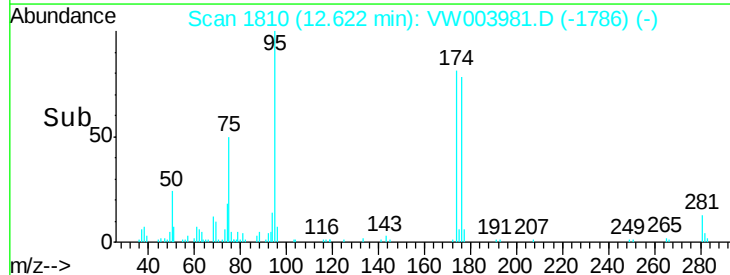
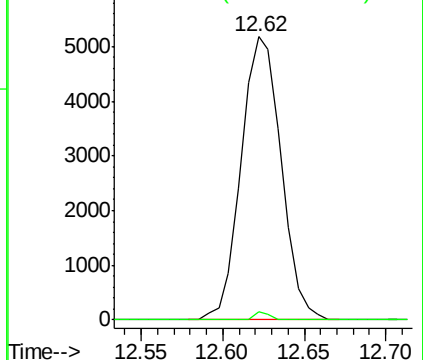
75 100

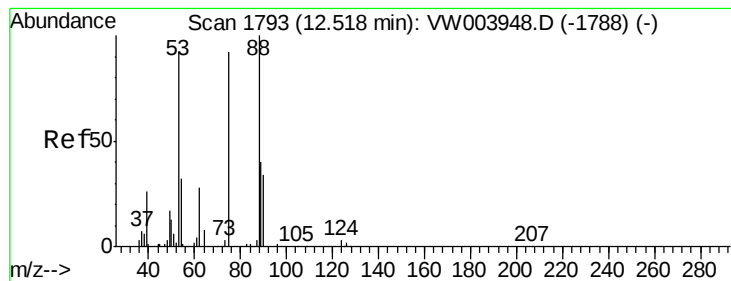
77 1.1 0.0 0.0#



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: 106.33 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003981.D

Acq: 17 Jul 2018 13:34

Instrument :

MSVOA_W

ClientSampleId :

72-11977RE

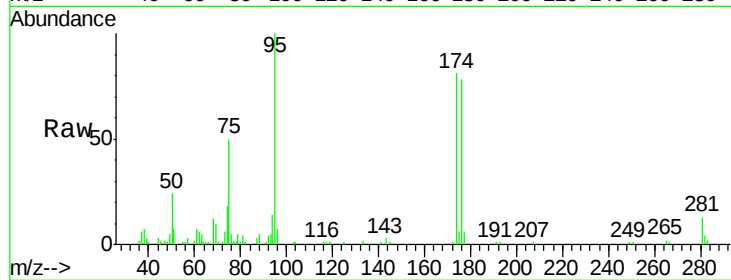
Tot Ion: 75 Resp: 8821

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.0 36.6 54.8#



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

