

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW003993.D
 Acq On : 17 Jul 2018 18:47
 Operator : VA/AP
 Sample : J3996-01
 Misc : 4.17G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MH-1

Quant Time: Jul 18 04:50:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	158070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	275656	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	271701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	135576	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	118883	67.28	ug/l	0.00
Spiked Amount			Recovery	=	134.56%	
35) Dibromofluoromethane	7.88	113	99214	56.10	ug/l	0.00
Spiked Amount			Recovery	=	112.20%	
50) Toluene-d8	10.33	98	342613	49.92	ug/l	0.00
Spiked Amount			Recovery	=	99.84%	
62) 4-Bromofluorobenzene	12.62	95	126254	51.02	ug/l	0.00
Spiked Amount			Recovery	=	102.04%	

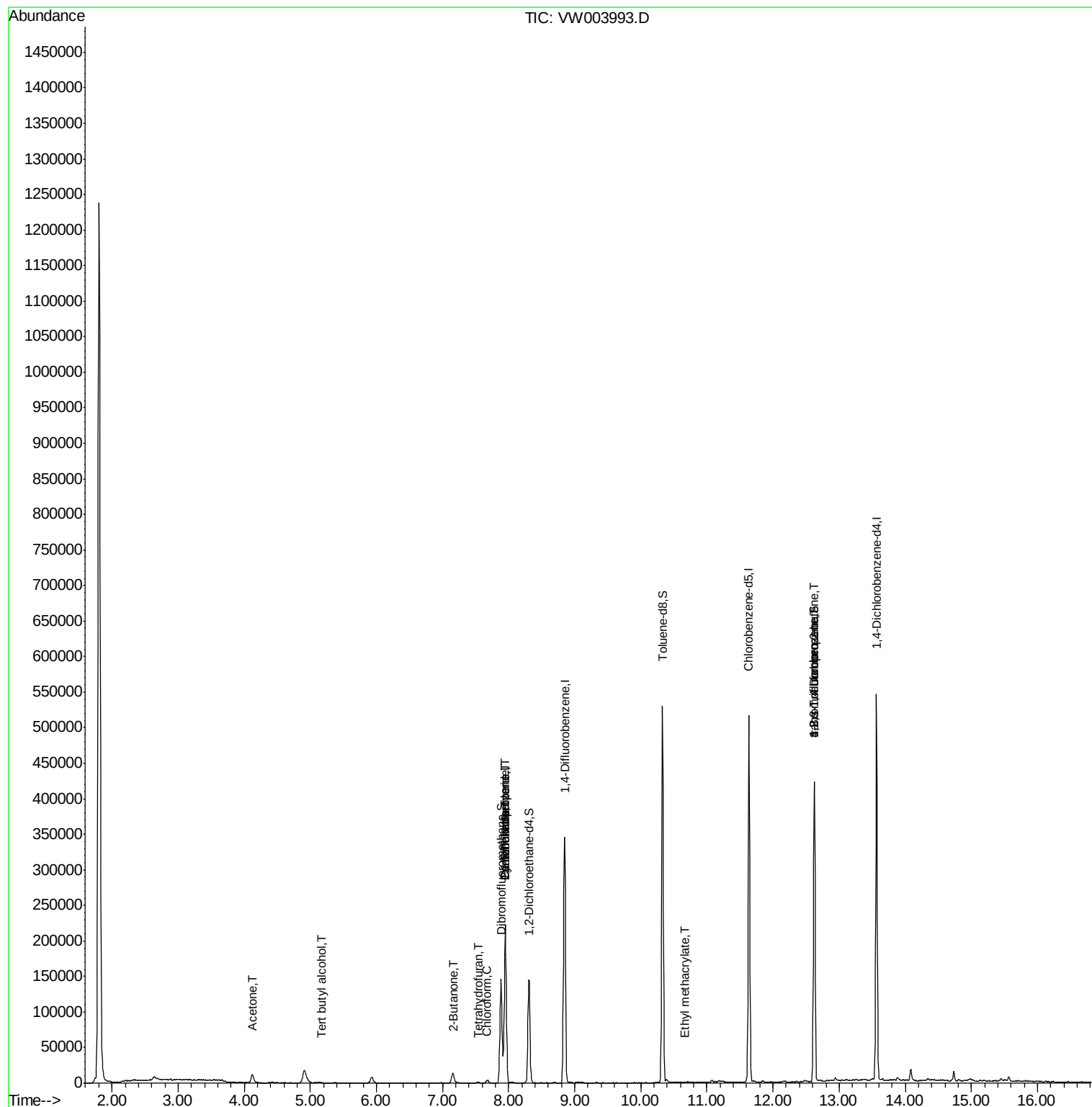
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	206	1.689	ug/l #	72
16) Acetone	4.12	43	20360	47.953	ug/l	95
25) 2-Butanone	7.18	43	1459	2.554	ug/l #	51
29) Tetrahydrofuran	7.54	42	432	1.214	ug/l #	59
30) Chloroform	7.67	83	3634	1.168	ug/l	98
31) Cyclohexane	7.95	56	4187	1.428	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	13417	4.731	ug/l #	50
38) Carbon Tetrachloride	7.95	117	16107	6.078	ug/l #	18
56) Ethyl methacrylate	10.67	69	28	2.959	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	68466	50.868	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	68466	112.518	ug/l #	11

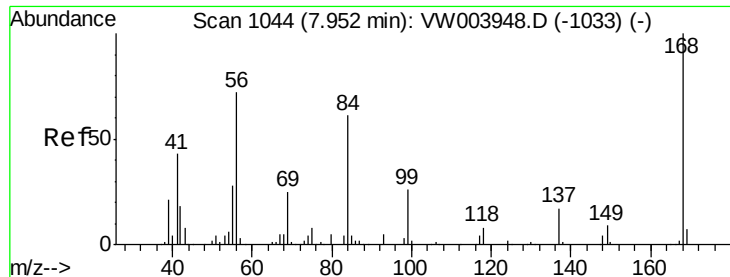
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003993.D

Acq: 17 Jul 2018 18:47

Instrument :

MSVOA_W

ClientSampled :

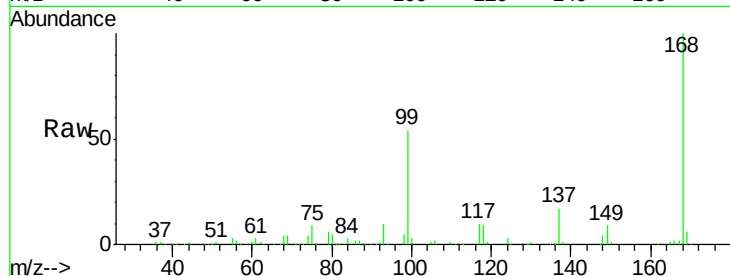
MH-1

Tot Ion:168 Resp: 158070

Ion Ratio Lower Upper

168 100

99 53.8 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

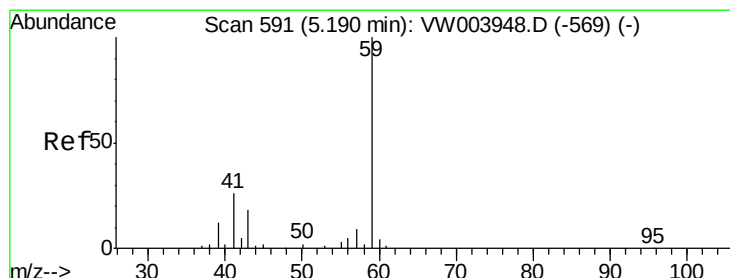
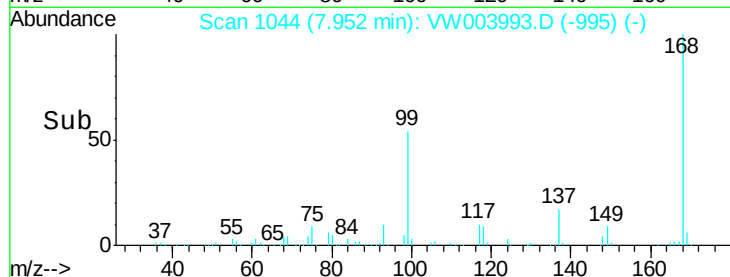
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.689 ug/l

RT: 5.18 min Scan# 589

Delta R.T. -0.01 min

Lab File: VW003993.D

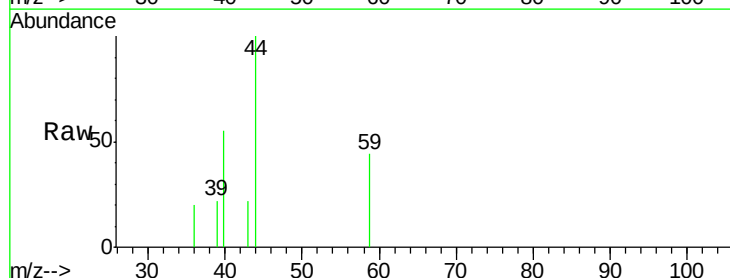
Acq: 17 Jul 2018 18:47

Tgt Ion: 59 Resp: 206

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

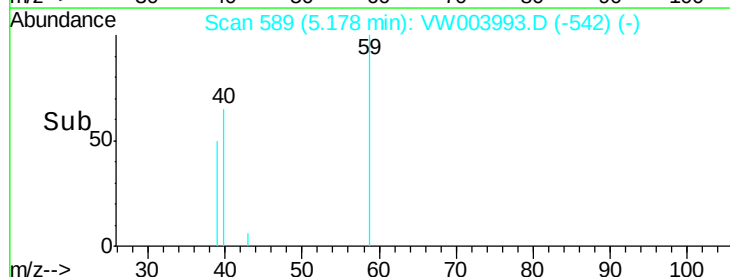
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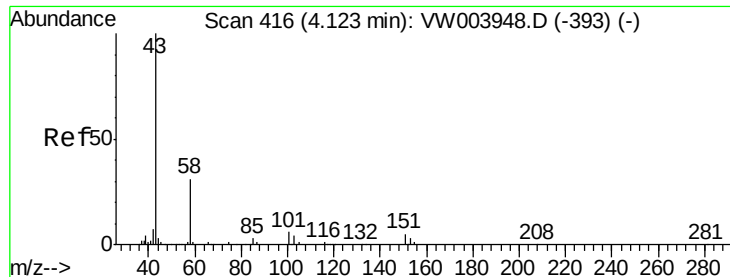
100

50

0

Time-->





#16

Acetone

Concen: 47.953 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.00 min

Lab File: VW003993.D

Acq: 17 Jul 2018 18:47

Instrument :

MSVOA_W

ClientSampled :

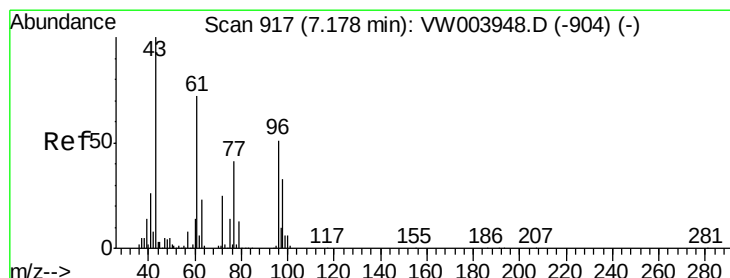
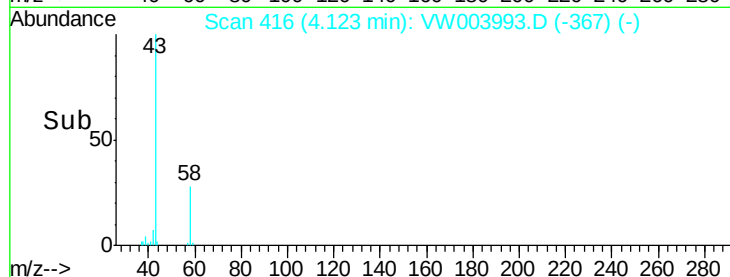
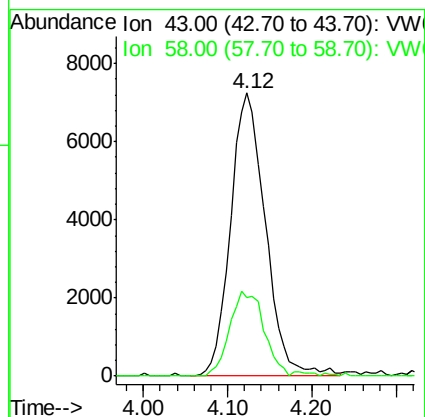
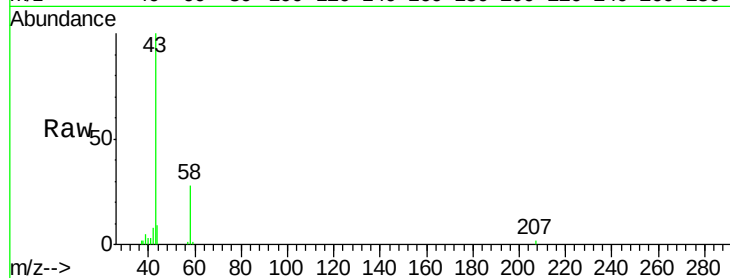
MH-1

Tot Ion: 43 Resp: 20360

Ion Ratio Lower Upper

43 100

58 27.6 24.5 36.7



#25

2-Butanone

Concen: 2.554 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW003993.D

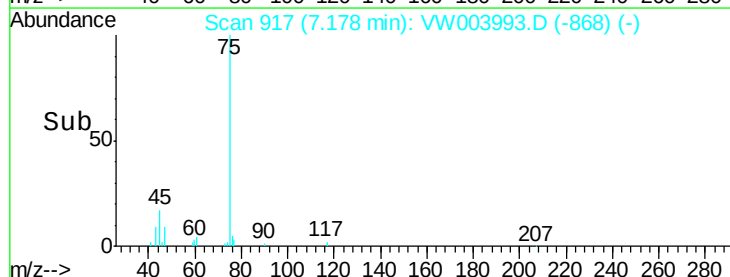
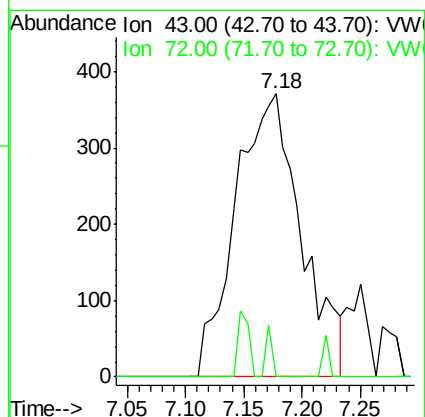
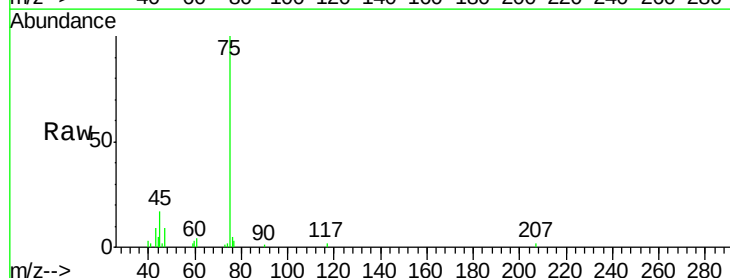
Acq: 17 Jul 2018 18:47

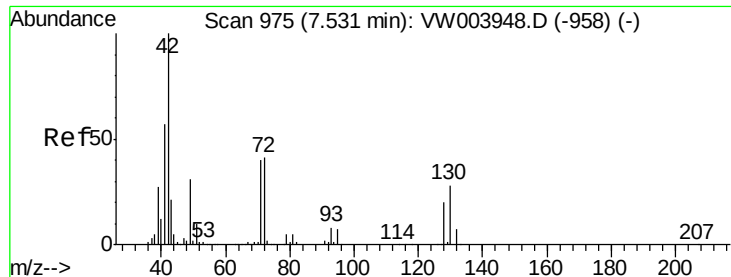
Tgt Ion: 43 Resp: 1459

Ion Ratio Lower Upper

43 100

72 0.0 19.8 29.6#

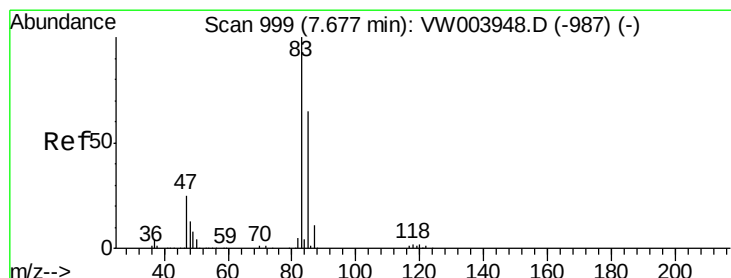
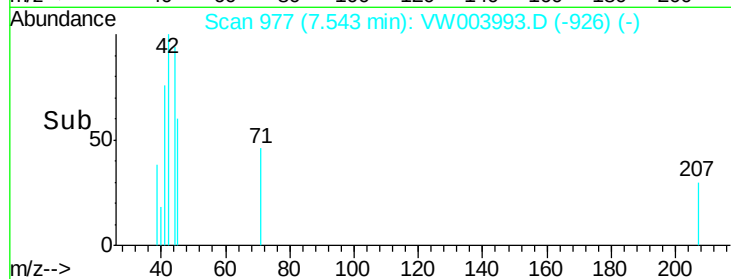
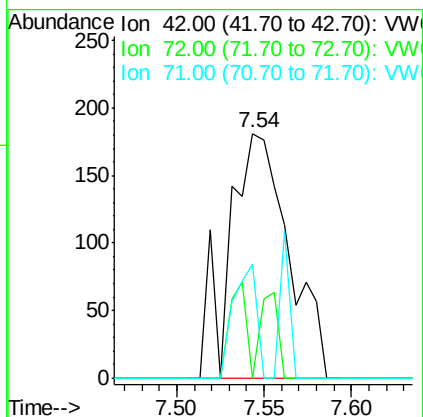
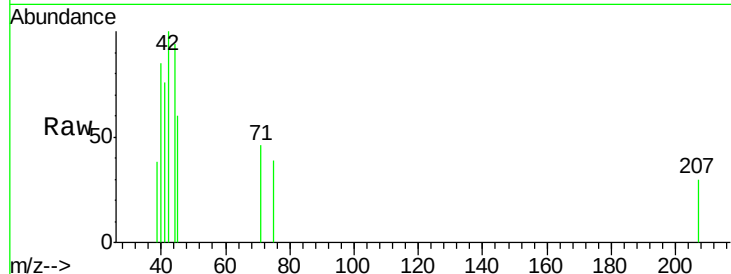




#29
Tetrahydrofuran
Concen: 1.214 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003993.D
Acq: 17 Jul 2018 18:47

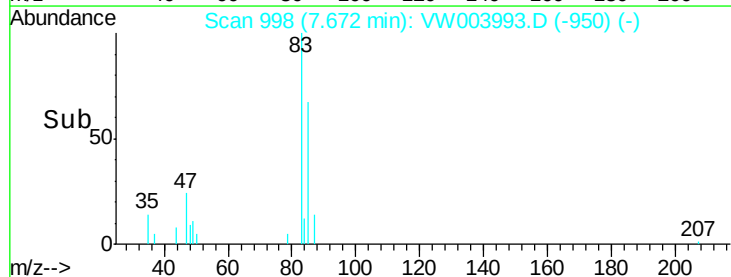
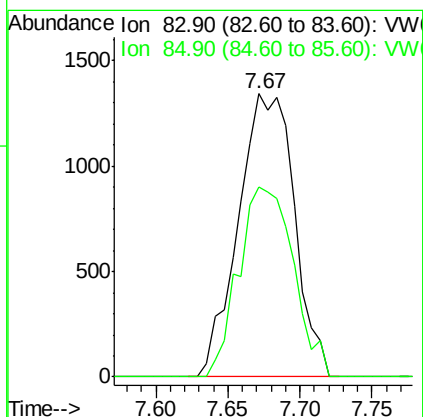
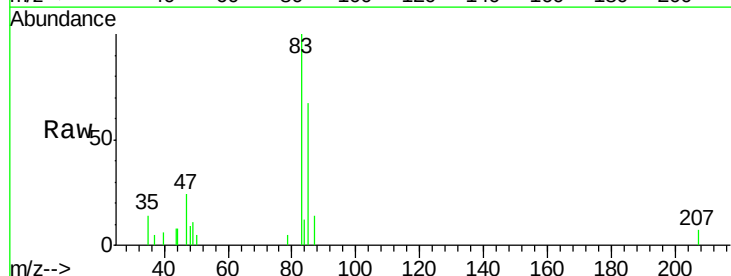
Instrument :
MSVOA_W
ClientSampleId :
MH-1

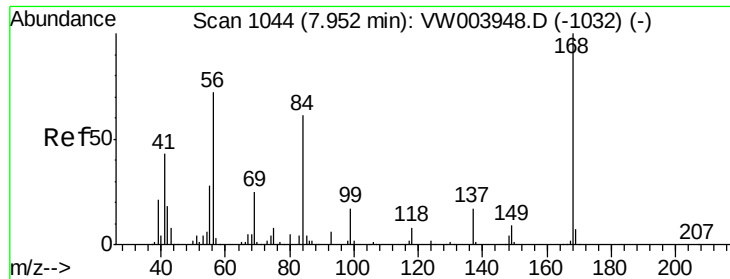
Tot Ion: 42 Resp: 432
Ion Ratio Lower Upper
42 100
72 11.1 32.6 48.8#
71 18.1 30.5 45.7#



#30
Chloroform
Concen: 1.168 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.01 min
Lab File: VW003993.D
Acq: 17 Jul 2018 18:47

Tgt Ion: 83 Resp: 3634
Ion Ratio Lower Upper
83 100
85 67.2 52.2 78.4

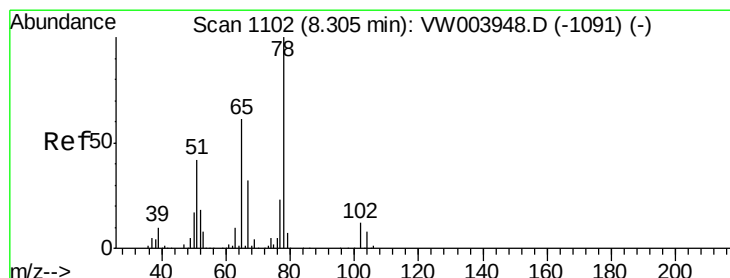
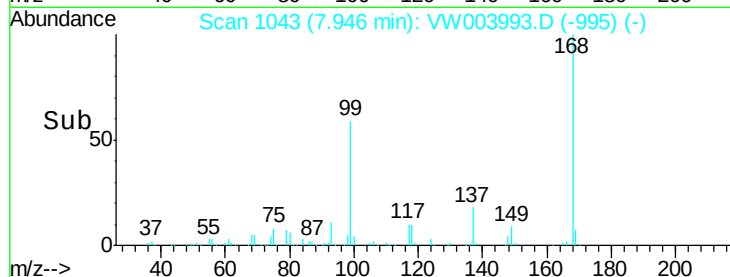
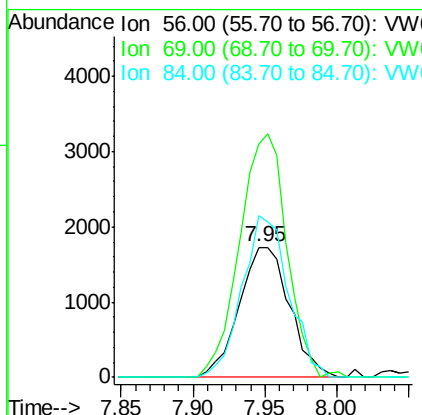
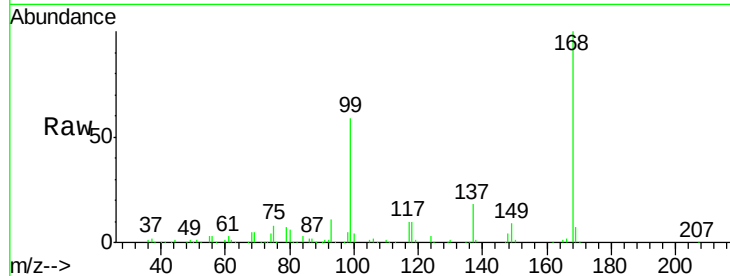




#31
Cyclohexane
Concen: 1.428 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW003993.D
Acq: 17 Jul 2018 18:47

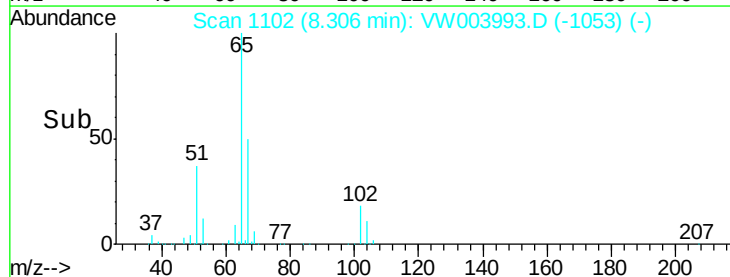
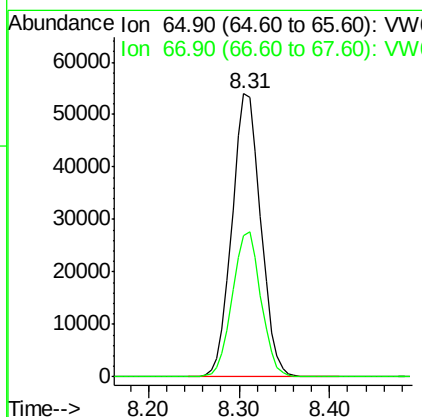
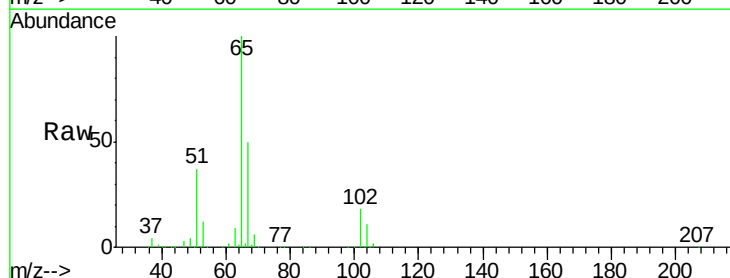
Instrument :
MSVOA_W
ClientSampled :
MH-1

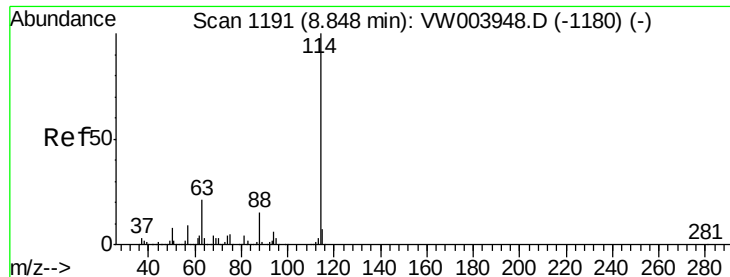
Tot Ion: 56 Resp: 4187
Ion Ratio Lower Upper
56 100
69 179.4 27.8 41.8#
84 123.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 67.283 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VW003993.D
Acq: 17 Jul 2018 18:47

Tgt Ion: 65 Resp: 118883
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.0

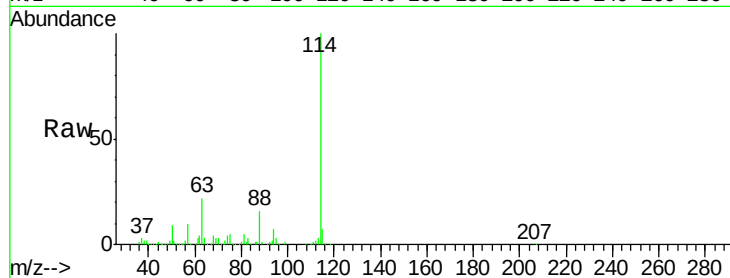




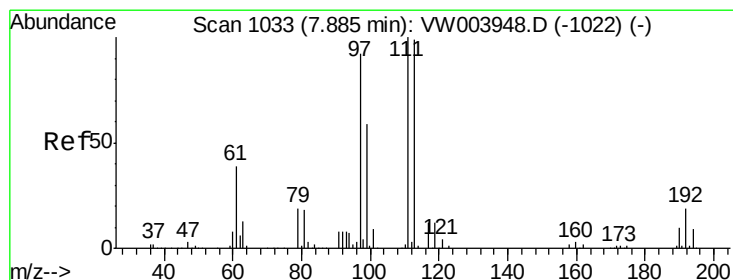
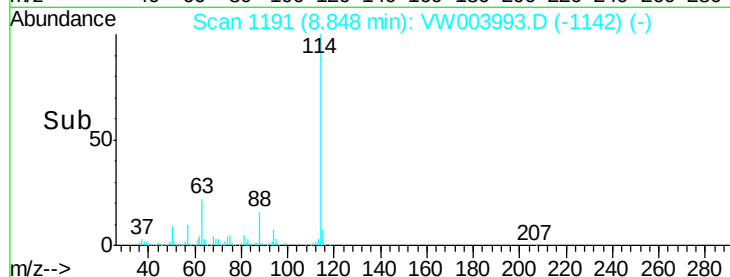
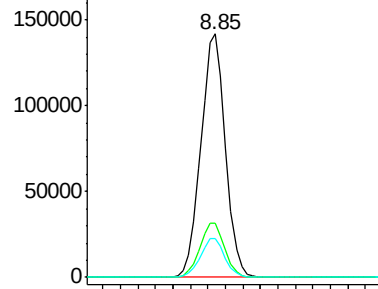
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003993.D
 Acq: 17 Jul 2018 18:47

Instrument :
 MSVOA_W
 ClientSampleId :
 MH-1

Tot Ion:114 Resp: 275656
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 42.8
 88 16.1 0.0 30.4

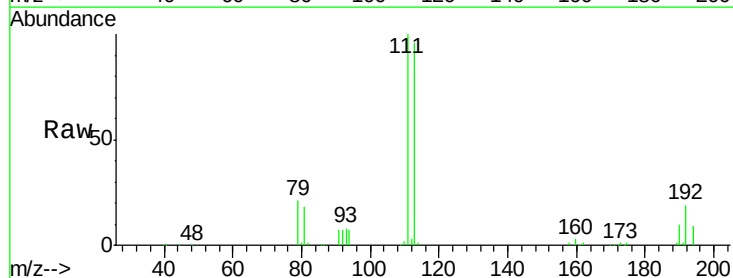


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VV
 Ion 87.90 (87.60 to 88.60): VV

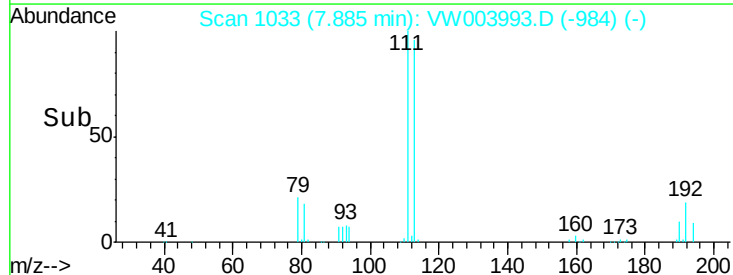
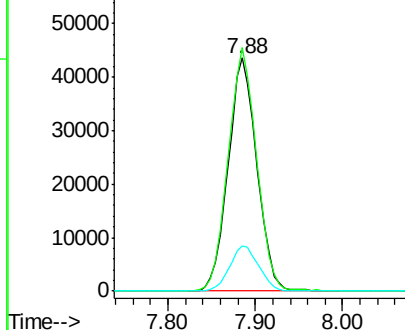


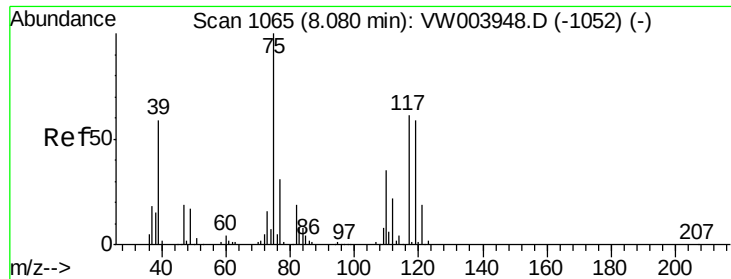
#35
 Dibromofluoromethane
 Concen: 56.095 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003993.D
 Acq: 17 Jul 2018 18:47

Tgt Ion:113 Resp: 99214
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.3 121.9
 192 19.7 15.8 23.6



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: 4.731 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW003993.D

Acq: 17 Jul 2018 18:47

Instrument :

MSVOA_W

ClientSampleId :

MH-1

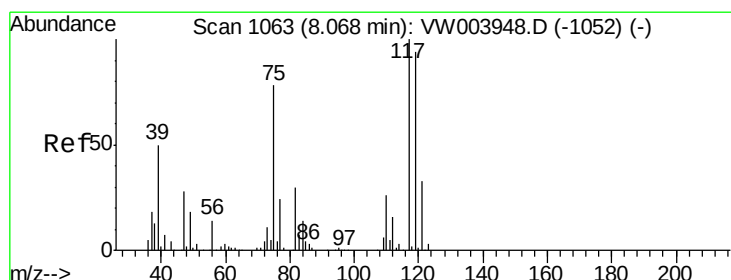
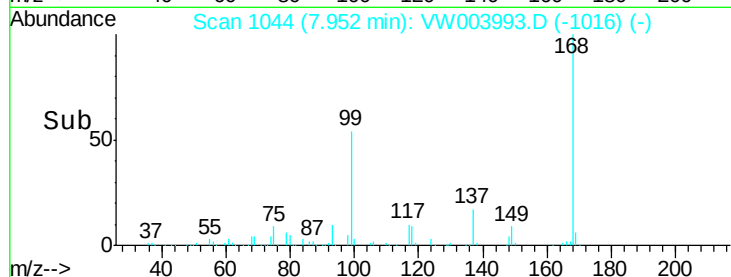
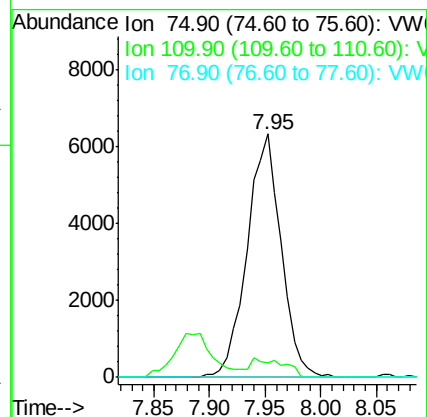
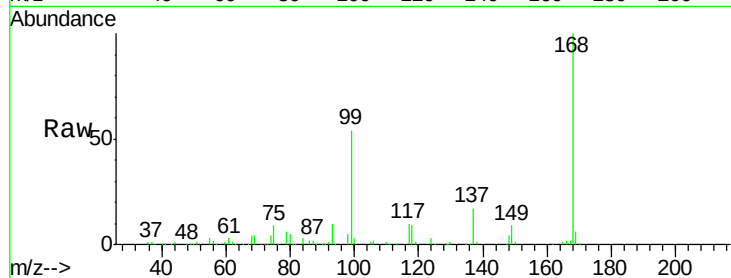
Tot Ion: 75 Resp: 13417

Ion Ratio Lower Upper

75 100

110 8.5 17.0 51.0#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 6.078 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.12 min

Lab File: VW003993.D

Acq: 17 Jul 2018 18:47

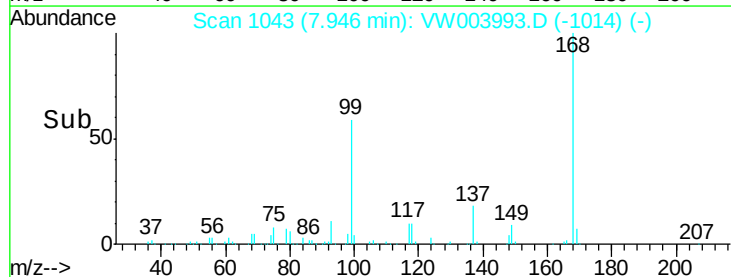
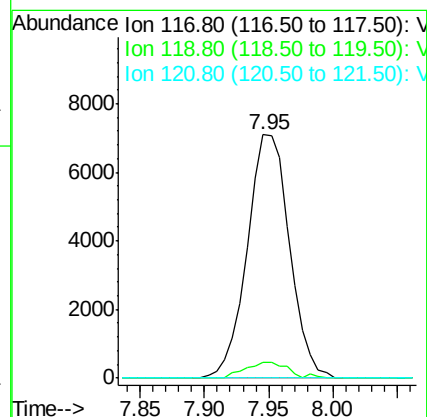
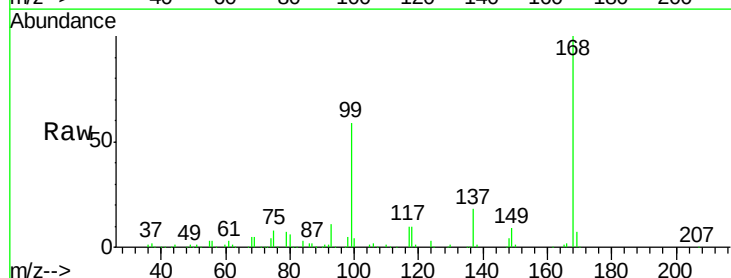
Tgt Ion: 117 Resp: 16107

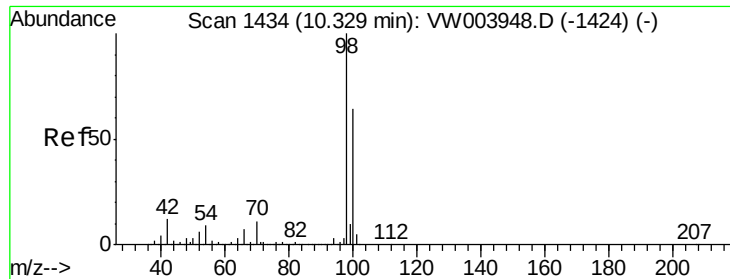
Ion Ratio Lower Upper

117 100

119 6.4 75.3 112.9#

121 0.0 26.0 39.0#





#50

Toluene-d8

Concen: 49.923 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003993.D

Acq: 17 Jul 2018 18:47

Instrument :

MSVOA_W

ClientSampled :

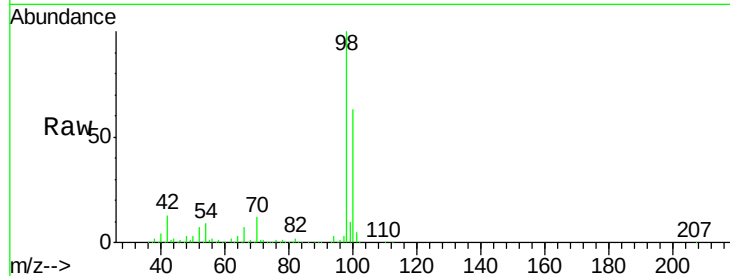
MH-1

Tot Ion: 98 Resp: 342613

Ion Ratio Lower Upper

98 100

100 62.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.33

200000

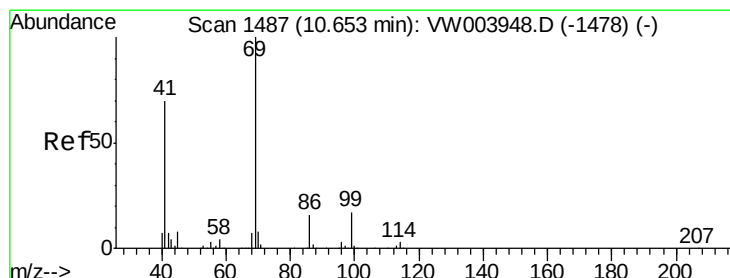
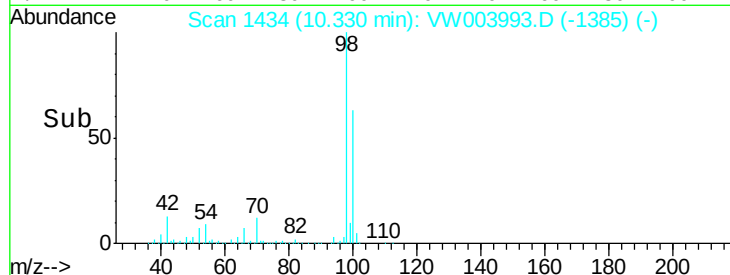
150000

100000

50000

0

Time--> 10.20 10.30 10.40



#56

Ethyl methacrylate

Concen: 2.959 ug/l

RT: 10.67 min Scan# 1490

Delta R.T. 0.02 min

Lab File: VW003993.D

Acq: 17 Jul 2018 18:47

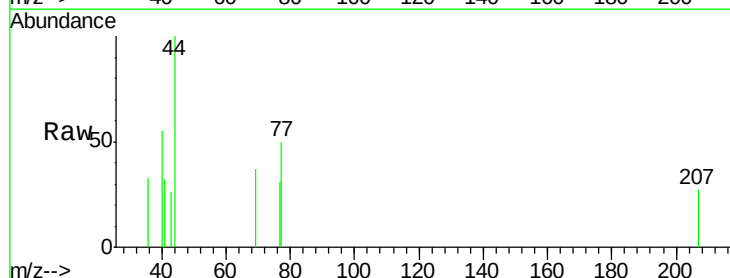
Tgt Ion: 69 Resp: 28

Ion Ratio Lower Upper

69 100

41 682.1 56.5 84.7#

39 0.0 30.2 45.4#



Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

200

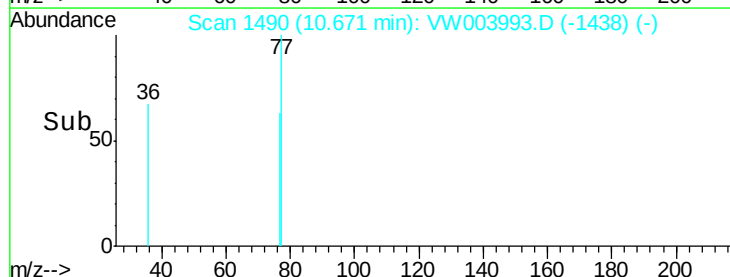
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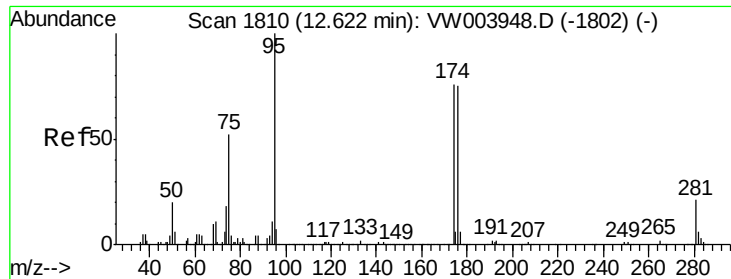
100

50

0

Time--> 10.66 10.67 10.68

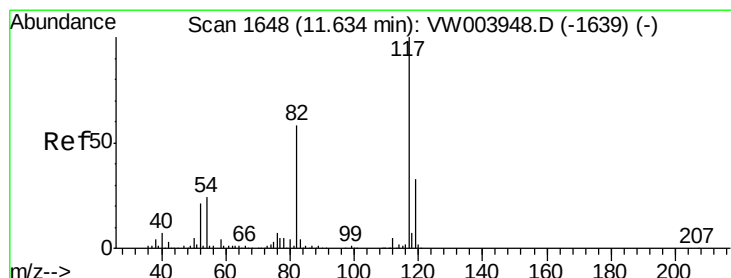
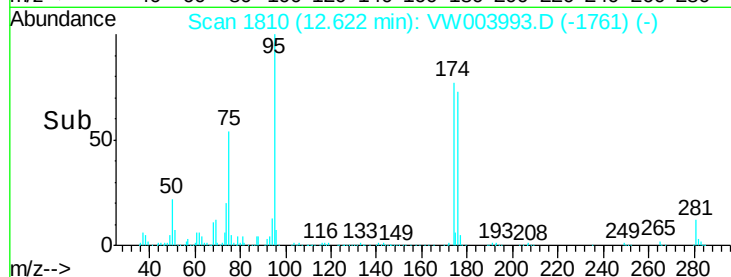
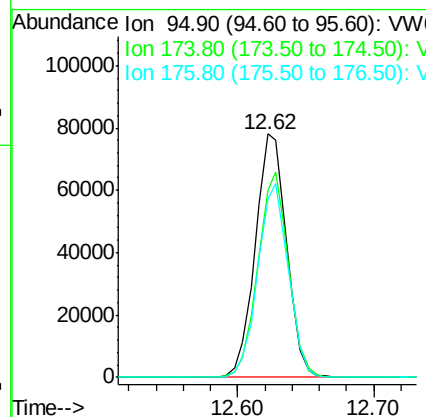
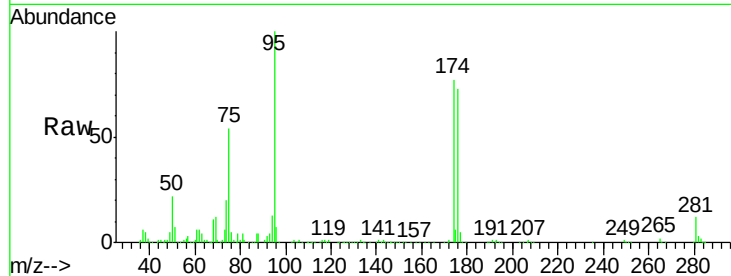




#62
4-Bromofluorobenzene
Concen: 51.017 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW003993.D
Acq: 17 Jul 2018 18:47

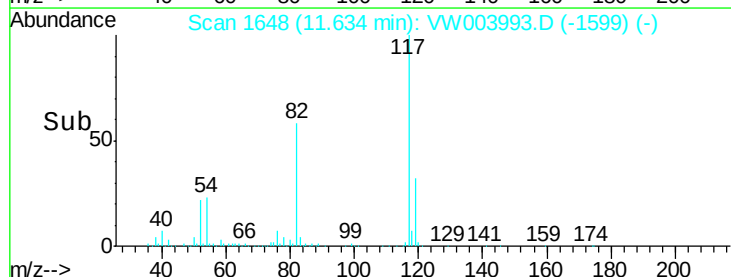
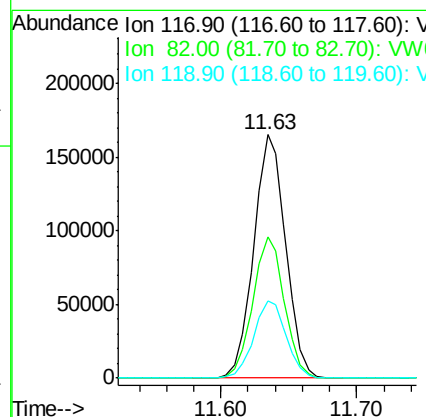
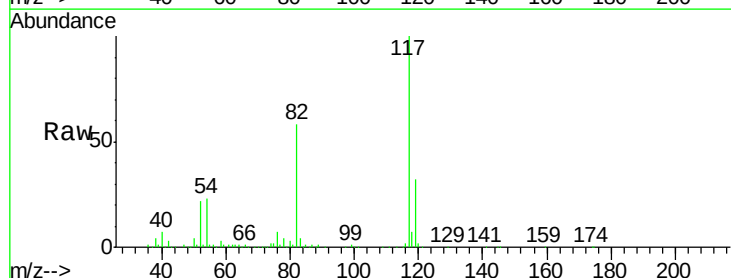
Instrument :
MSVOA_W
ClientSampleId :
MH-1

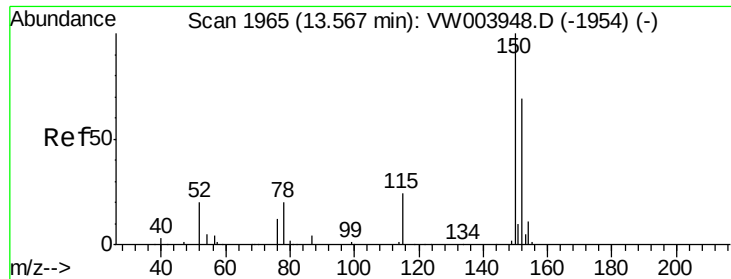
Tot Ion: 95 Resp: 126254
Ion Ratio Lower Upper
95 100
174 82.2 0.0 160.2
176 77.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003993.D
Acq: 17 Jul 2018 18:47

Tgt Ion: 117 Resp: 271701
Ion Ratio Lower Upper
117 100
82 57.9 46.5 69.7
119 31.9 26.2 39.2

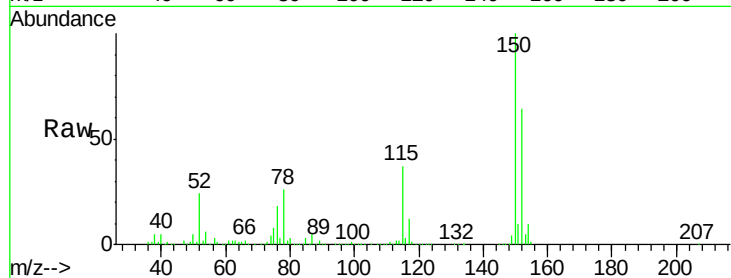




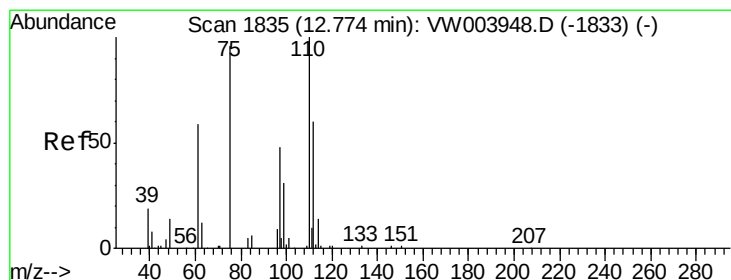
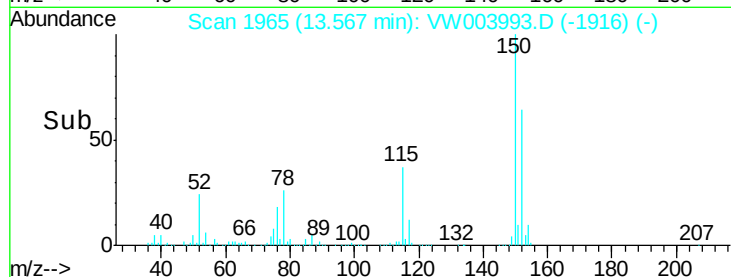
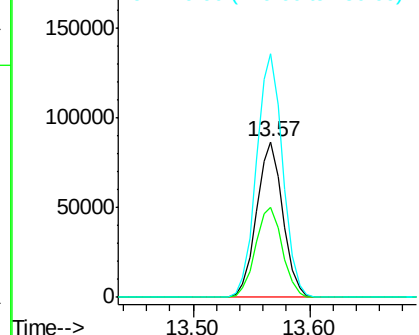
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: VW003993.D
 Acq: 17 Jul 2018 18:47

Instrument :
 MSVOA_W
 ClientSampled :
 MH-1

Tot Ion:152 Resp: 135576
 Ion Ratio Lower Upper
 152 100
 115 59.3 29.2 87.6
 150 156.8 0.0 345.2

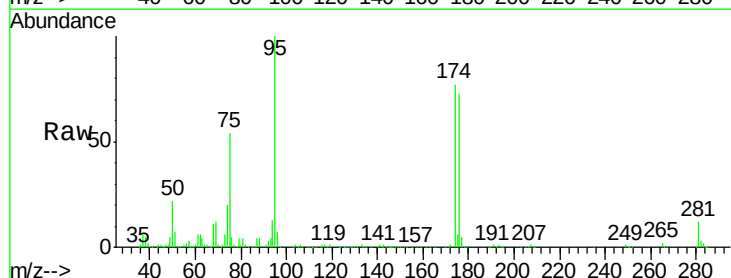


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

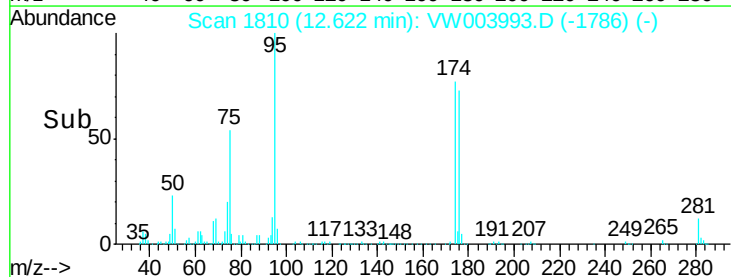
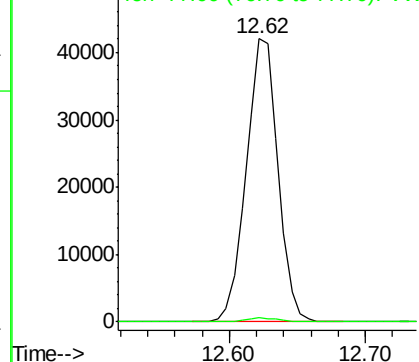


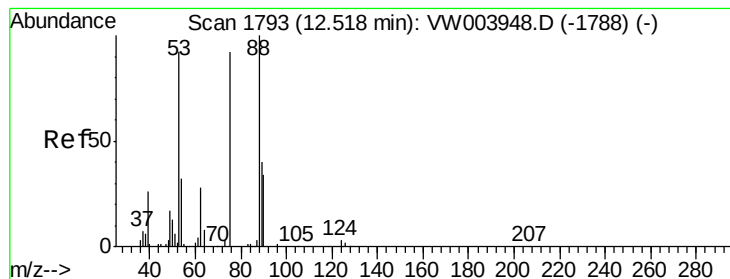
#76
 1,2,3-Trichloropropane
 Concen: 50.868 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW003993.D
 Acq: 17 Jul 2018 18:47

Tgt Ion: 75 Resp: 68466
 Ion Ratio Lower Upper
 75 100
 77 1.7 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: 112.518 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003993.D

Acq: 17 Jul 2018 18:47

Instrument :

MSVOA_W

ClientSampleId :

MH-1

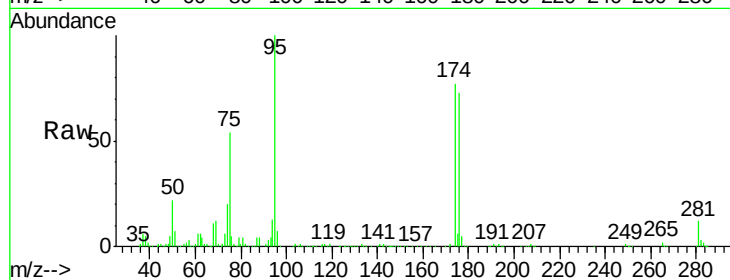
Tot Ion: 75 Resp: 68466

Ion Ratio Lower Upper

75 100

53 0.2 77.6 116.4#

89 0.1 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

