

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071819\
 Data File : VW011360.D
 Acq On : 19 Jul 2019 04:19
 Operator : SY/VA
 Sample : K3835-09
 Misc : 5.66G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-5(0-2)

Quant Time: Jul 19 06:50:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

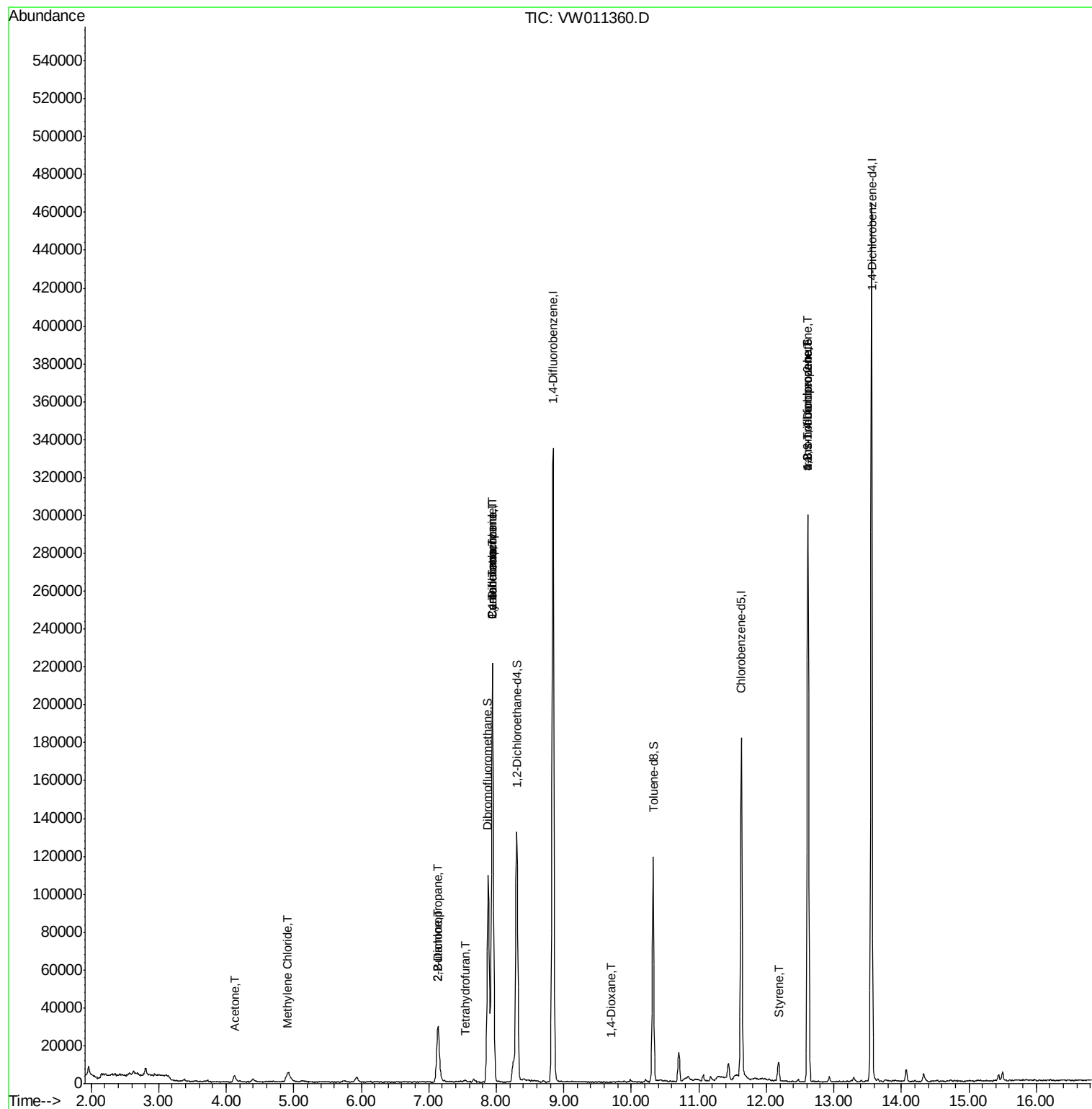
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	157463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	263472	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	94072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	110683	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	104309	52.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.44%	
35) Dibromofluoromethane	7.88	113	78719	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
50) Toluene-d8	10.32	98	73059	11.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	23.02%	
62) 4-Bromofluorobenzene	12.62	95	95239	40.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.86%	
Target Compounds						
16) Acetone	4.12	43	6479	13.609	ug/l	93
18) Methyl Acetate	4.67	43	1029	Below Cal	#	73
20) Methylene Chloride	4.91	84	4103	2.185	ug/l	94
25) 2-Butanone	7.13	43	2630	3.519	ug/l #	54
26) 2,2-Dichloropropane	7.14	77	2122	1.133	ug/l #	53
29) Tetrahydrofuran	7.54	42	692	1.412	ug/l #	62
31) Cyclohexane	7.94	56	3999	1.043	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	14245	5.077	ug/l #	51
38) Carbon Tetrachloride	7.95	117	15976	6.717	ug/l #	16
49) 1,4-Dioxane	9.69	88	20	1.215	ug/l #	3
70) Styrene	12.18	104	4539	2.106	ug/l	91
76) 1,2,3-Trichloropropane	12.62	75	50991	39.865	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	50991	90.168	ug/l #	6

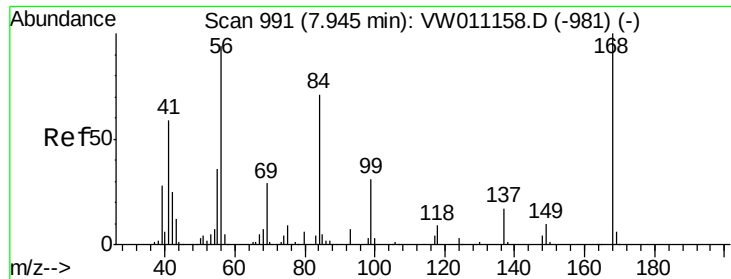
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011360.D

Acq: 19 Jul 2019 04:19

Instrument :

MSVOA_W

ClientSampleId :

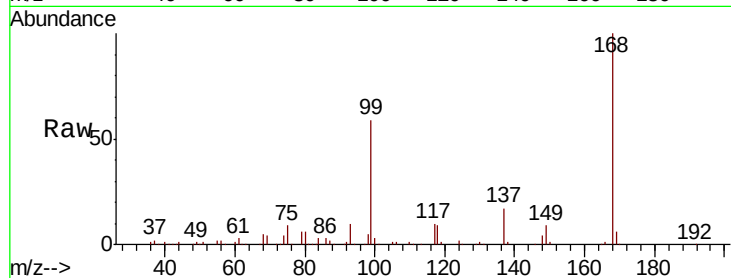
SB-5(0-2)

Tot Ion:168 Resp: 157463

Ion Ratio Lower Upper

168 100

99 59.2 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

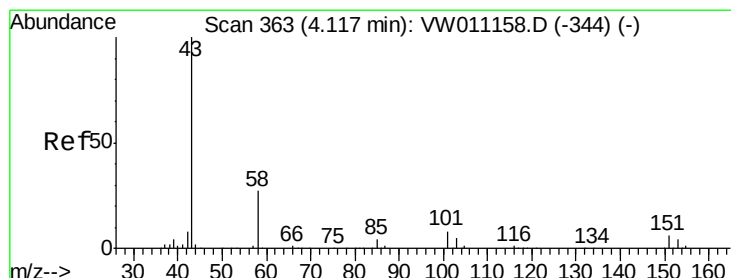
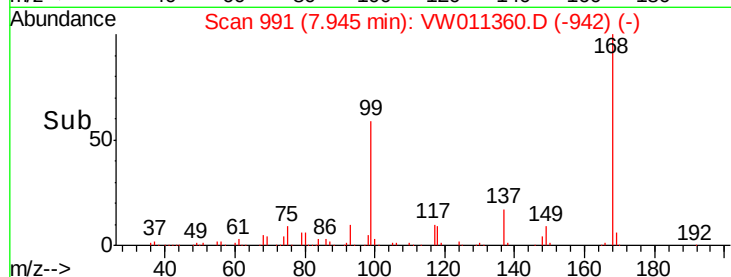
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 13.609 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011360.D

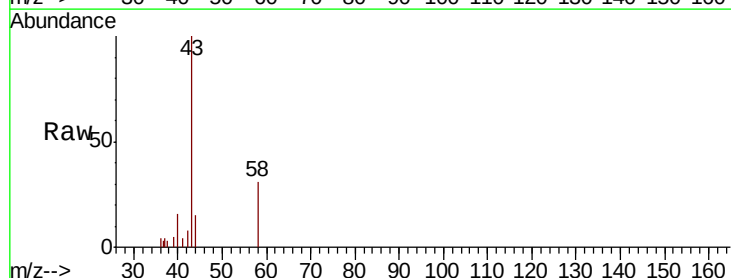
Acq: 19 Jul 2019 04:19

Tgt Ion: 43 Resp: 6479

Ion Ratio Lower Upper

43 100

58 30.9 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

2500

2000

1500

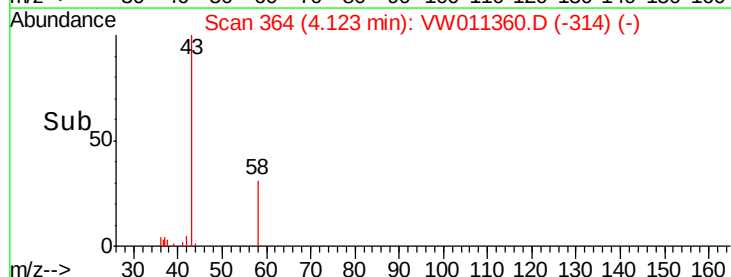
1000

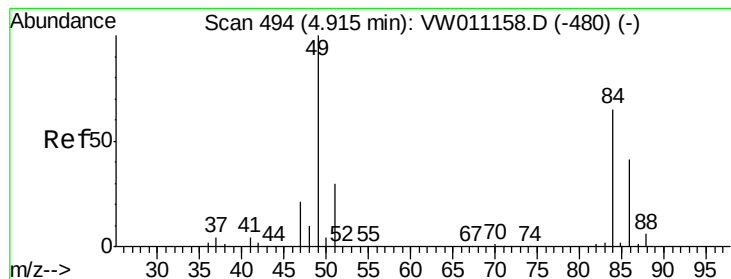
500

0

4.00 4.10 4.20

Time-->





#20

Methvlene Chloride

Concen: 2.185 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW011360.D

Acq: 19 Jul 2019 04:19

Instrument :

MSVOA_W

ClientSampleId :

SB-5(0-2)

Tot Ion: 84 Resp: 4103

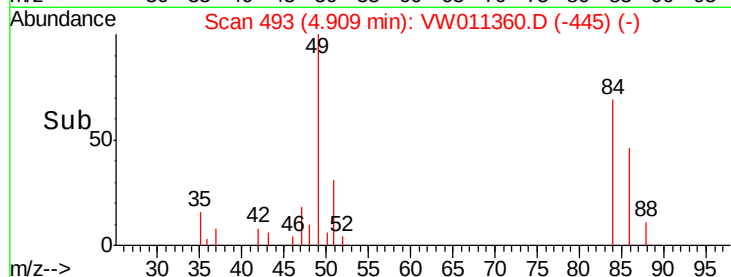
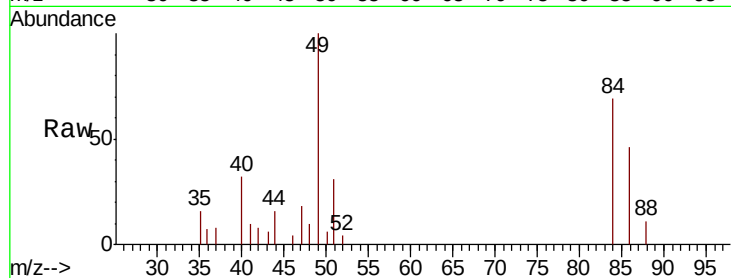
Ion Ratio Lower Upper

84 100

49 144.3 123.8 185.6

51 44.6 37.4 56.2

86 67.0 51.1 76.7

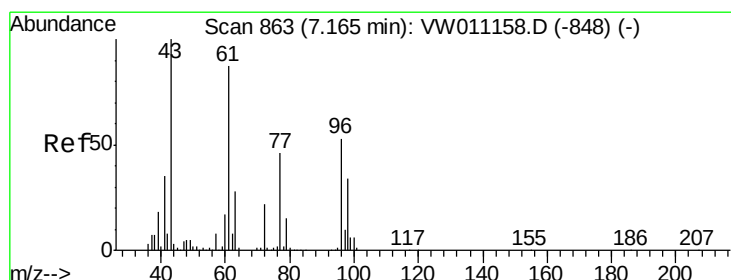
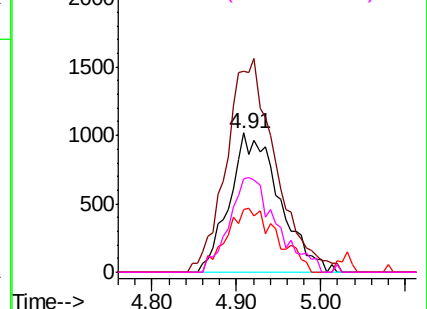


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25

2-Butanone

Concen: 3.519 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: VW011360.D

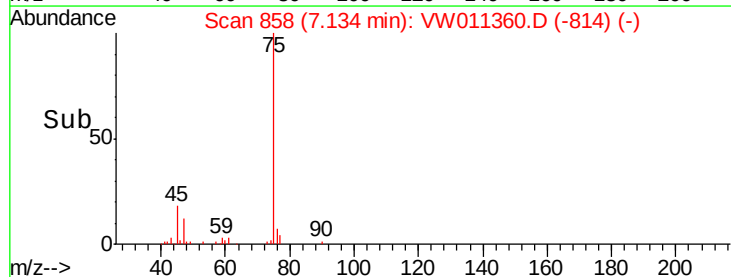
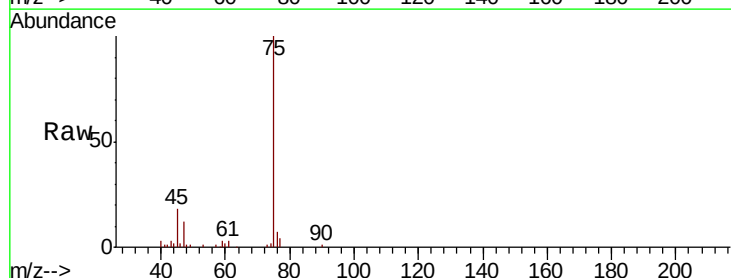
Acq: 19 Jul 2019 04:19

Tgt Ion: 43 Resp: 2630

Ion Ratio Lower Upper

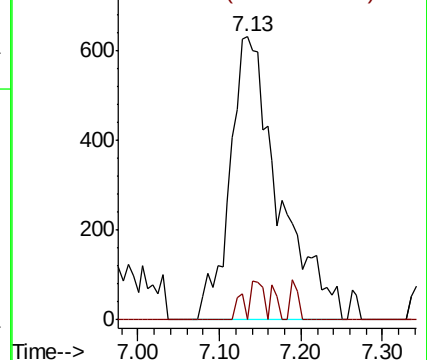
43 100

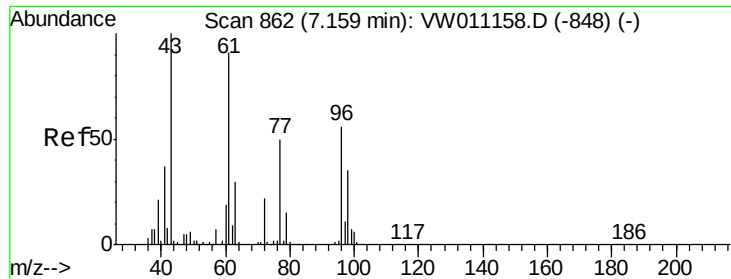
72 0.0 17.6 26.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

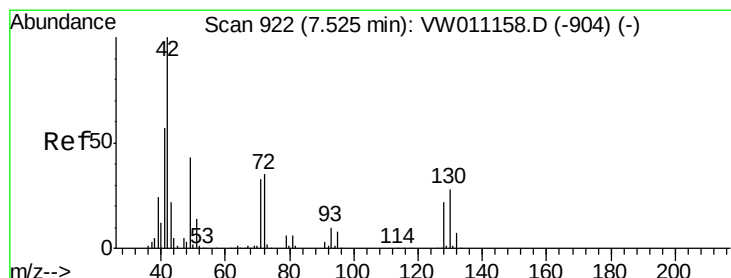
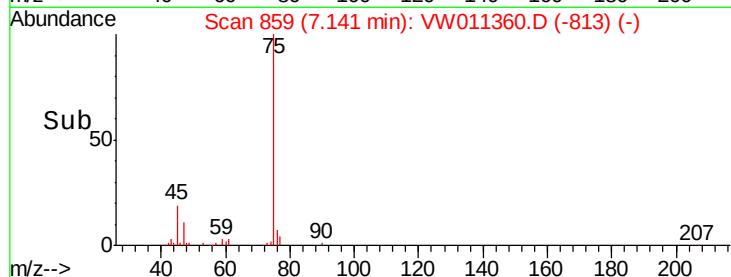
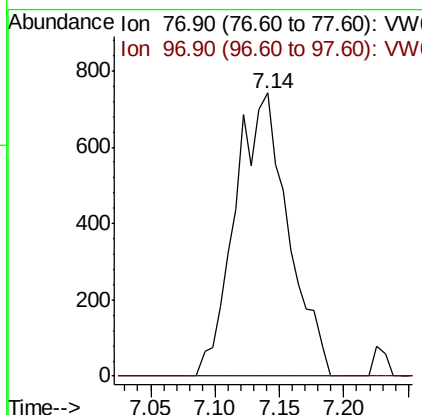
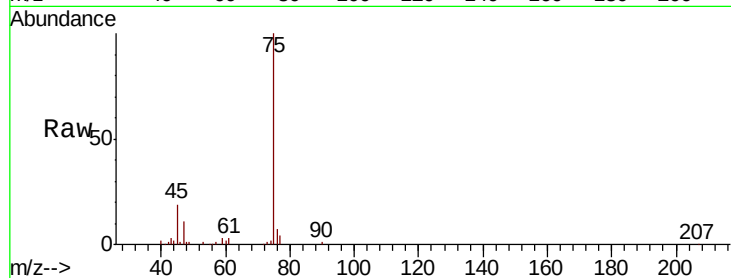




#26
 2,2-Dichloropropane
 Concen: 1.133 ug/l
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: VW011360.D
 Acq: 19 Jul 2019 04:19

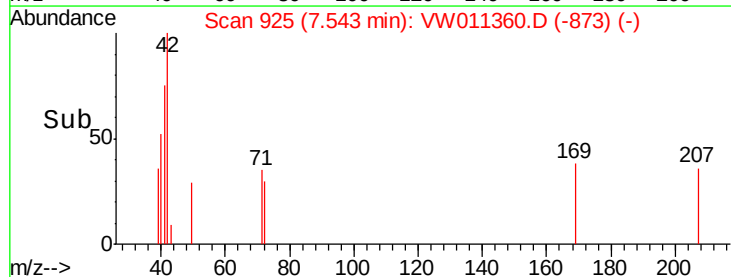
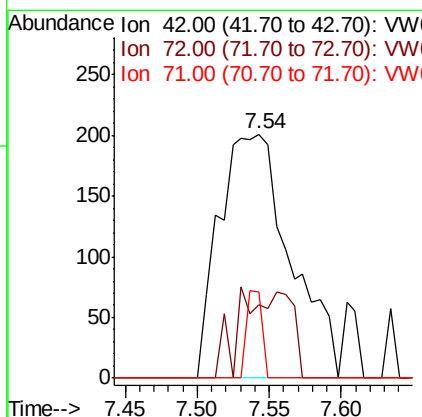
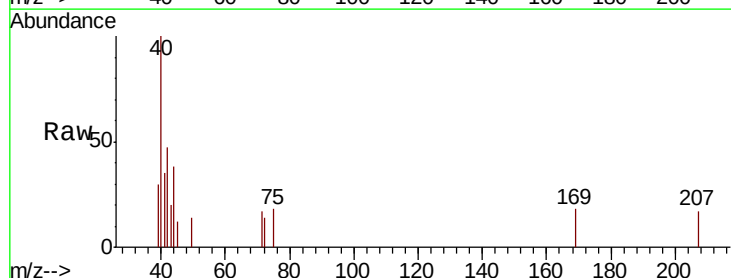
Instrument :
 MSVOA_W
 ClientSampled :
 SB-5(0-2)

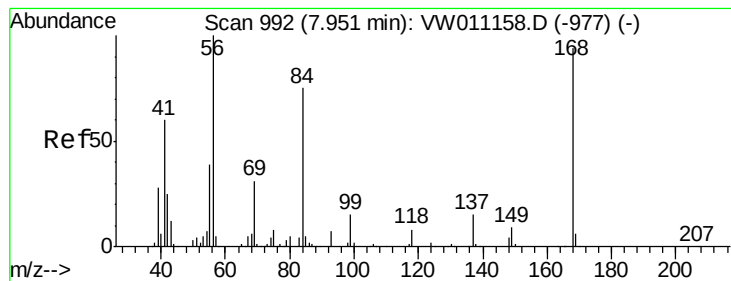
Tot Ion: 77 Resp: 2122
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.2 33.5#



#29
 Tetrahydrofuran
 Concen: 1.412 ug/l
 RT: 7.54 min Scan# 925
 Delta R.T. 0.02 min
 Lab File: VW011360.D
 Acq: 19 Jul 2019 04:19

Tgt Ion: 42 Resp: 692
 Ion Ratio Lower Upper
 42 100
 72 15.8 27.4 41.2#
 71 7.5 25.9 38.9#





#31

Cyclohexane

Concen: 1.043 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW011360.D

Acq: 19 Jul 2019 04:19

Instrument :

MSVOA_W

ClientSampleId :

SB-5(0-2)

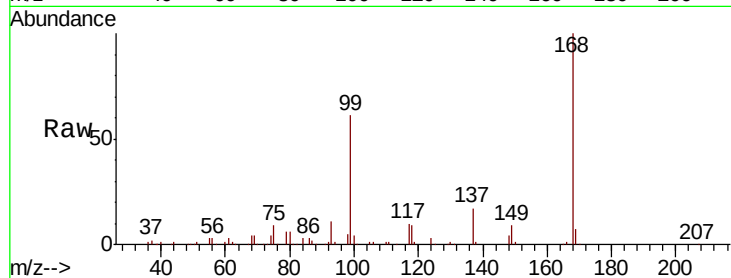
Tot Ion: 56 Resp: 3999

Ion Ratio Lower Upper

56 100

69 161.6 24.6 36.8#

84 132.2 60.1 90.1#

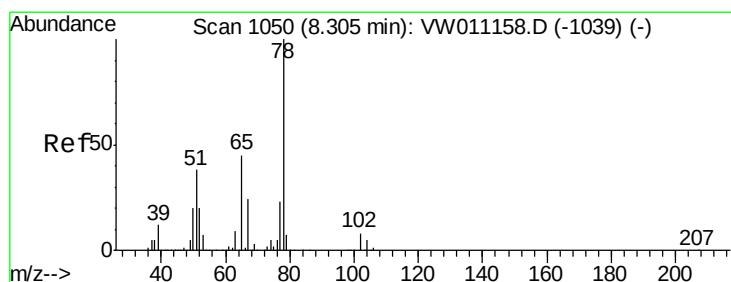
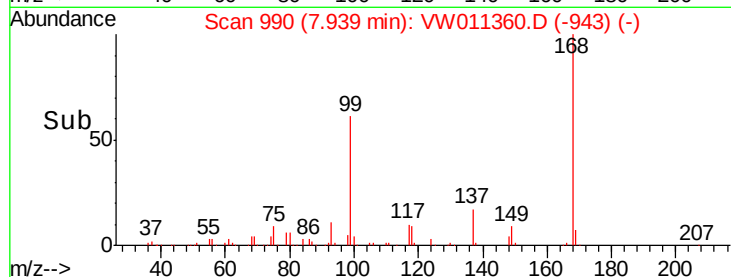
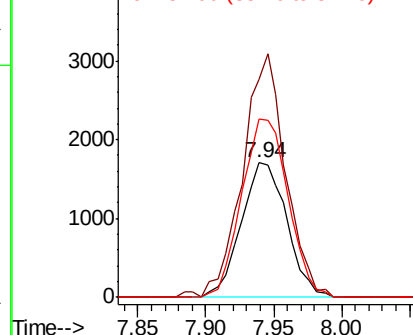


Abundance

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: 52.719 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011360.D

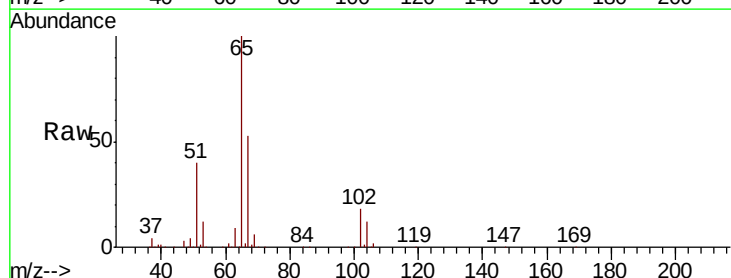
Acq: 19 Jul 2019 04:19

Tgt Ion: 65 Resp: 104309

Ion Ratio Lower Upper

65 100

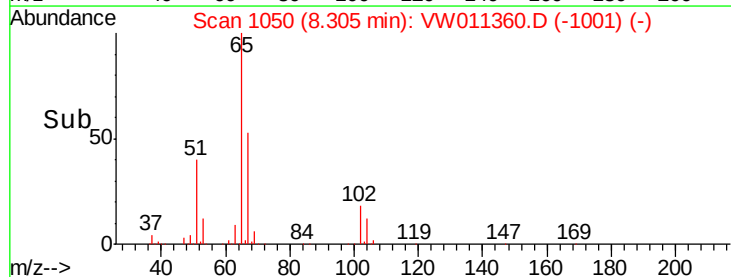
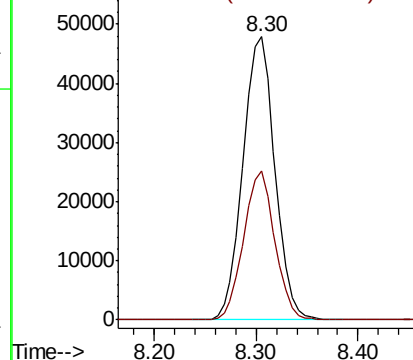
67 51.4 0.0 104.4

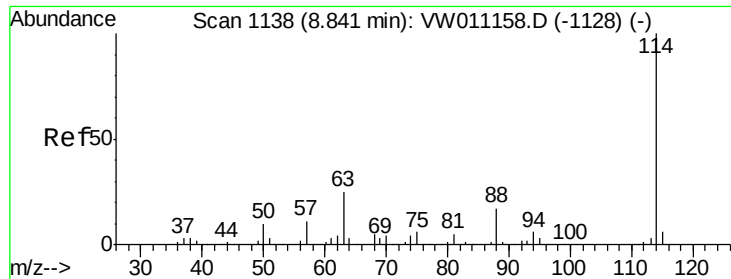


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

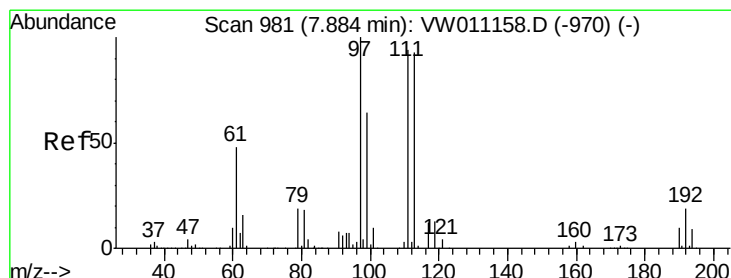
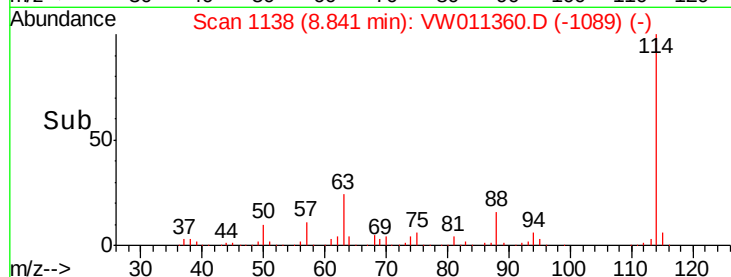
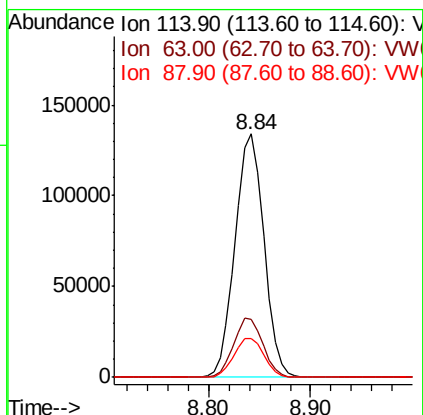
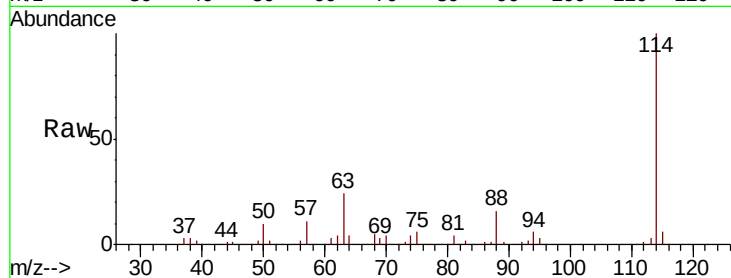




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011360.D
 Acq: 19 Jul 2019 04:19

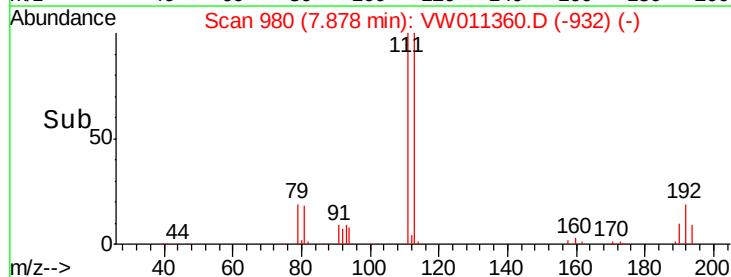
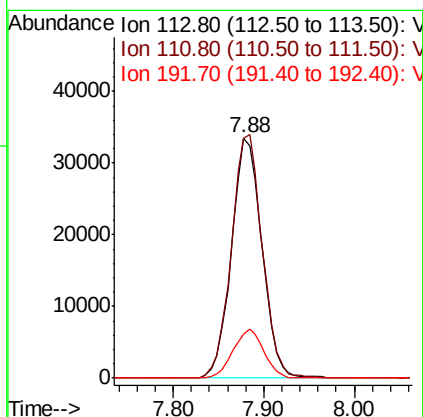
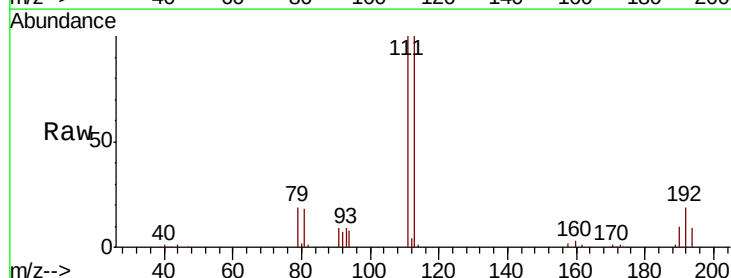
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-5(0-2)

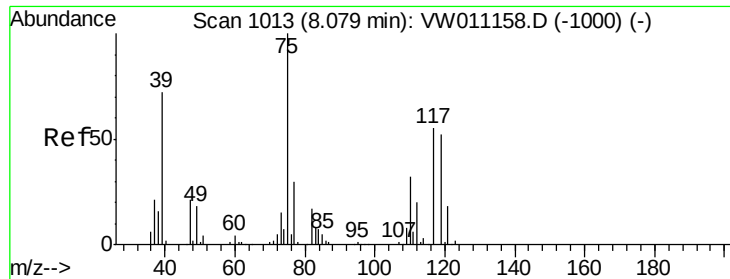
Tot Ion:114 Resp: 263472
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 50.8
 88 15.9 0.0 34.2



#35
 Dibromofluoromethane
 Concen: 50.126 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011360.D
 Acq: 19 Jul 2019 04:19

Tgt Ion:113 Resp: 78719
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.4 123.6
 192 20.4 15.8 23.8

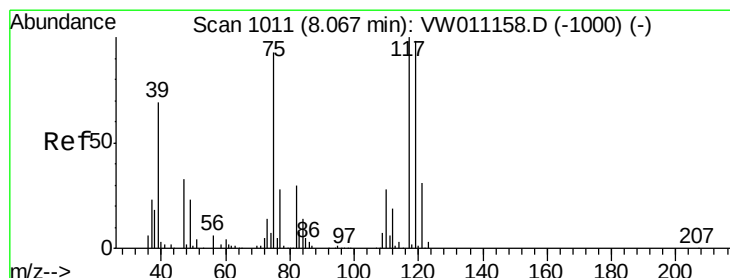
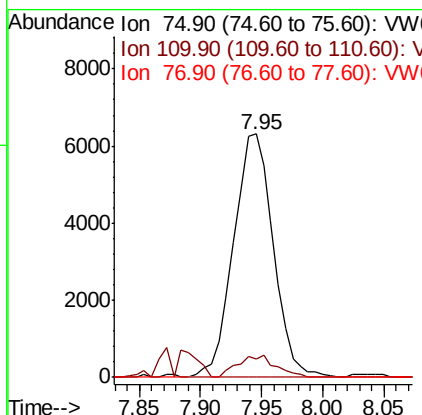
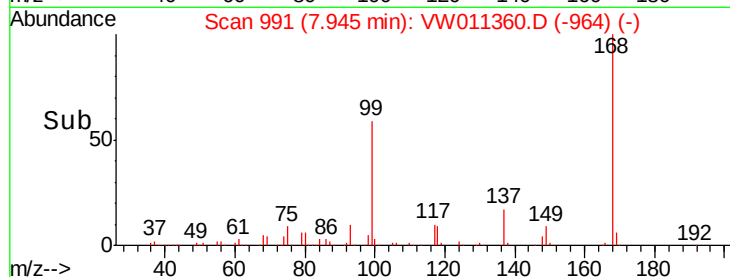
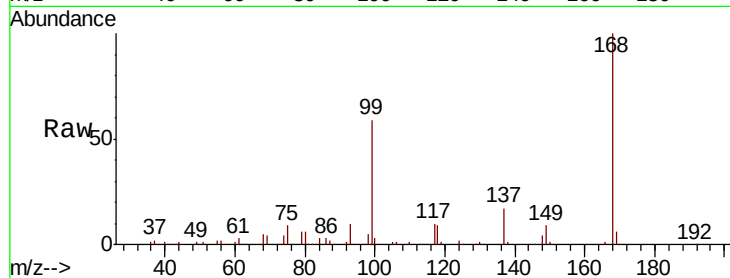




#36
 1,1-Dichloropropene
 Concen: 5.077 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011360.D
 Acq: 19 Jul 2019 04:19

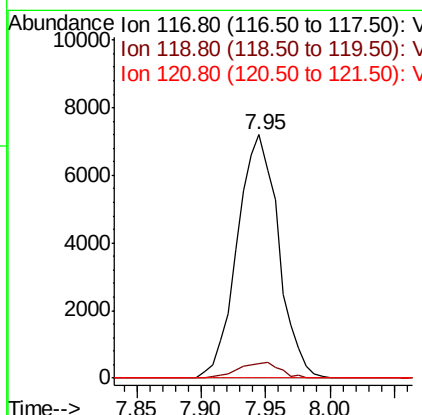
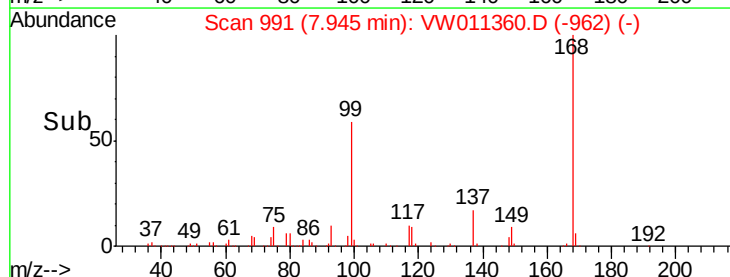
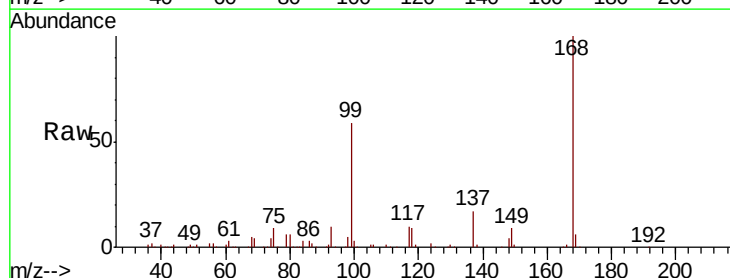
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-5(0-2)

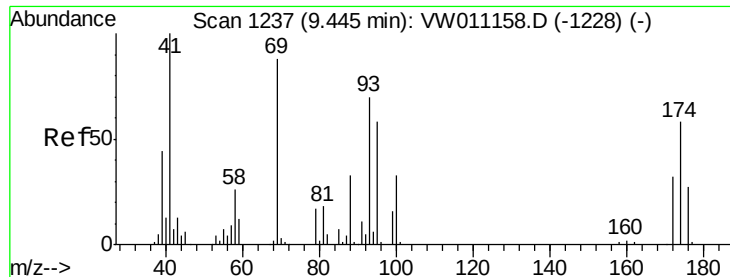
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.6	15.9	47.6#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.717 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011360.D
 Acq: 19 Jul 2019 04:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.1	78.1	117.1#
121	0.0	25.1	37.7#





#49

1,4-Dioxane

Concen: 1.215 ug/l

RT: 9.69 min Scan# 1278

Delta R.T. 0.25 min

Lab File: VW011360.D

Acq: 19 Jul 2019 04:19

Instrument :

MSVOA_W

ClientSampled :

SB-5(0-2)

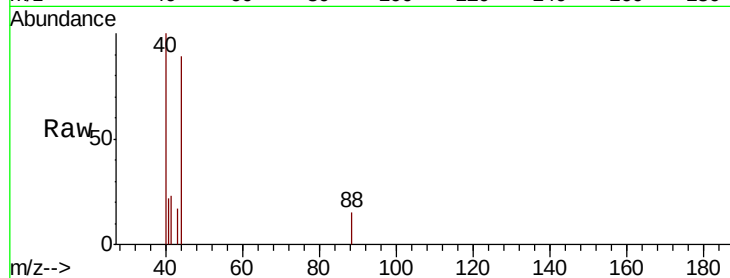
Tot Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 110.0 33.4 50.0#

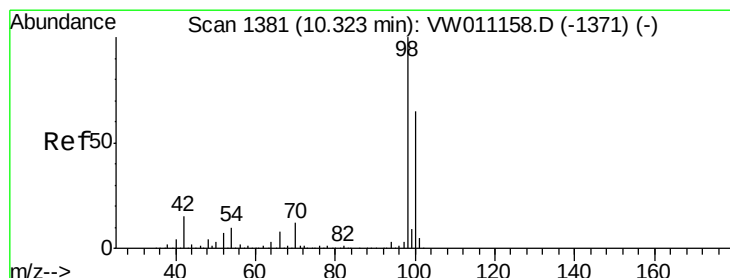
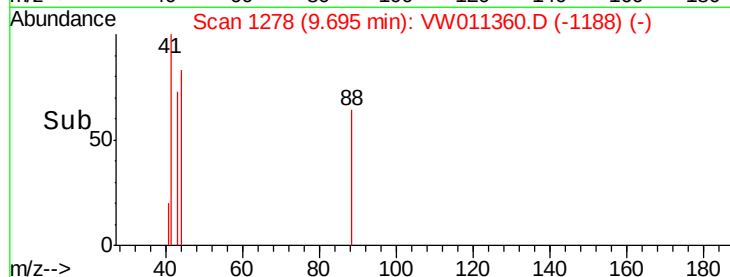
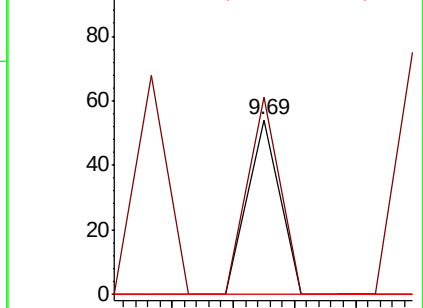
58 0.0 64.5 96.7#



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 11.509 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011360.D

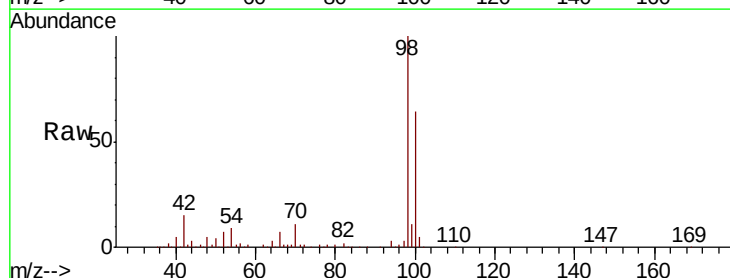
Acq: 19 Jul 2019 04:19

Tgt Ion: 98 Resp: 73059

Ion Ratio Lower Upper

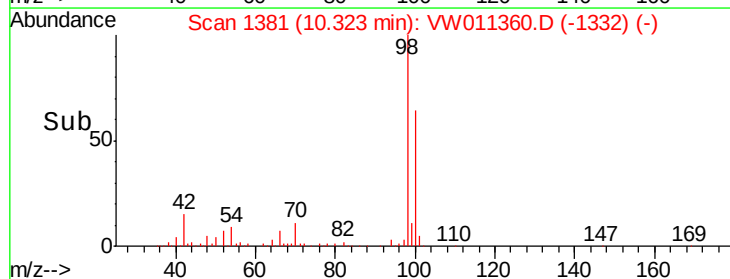
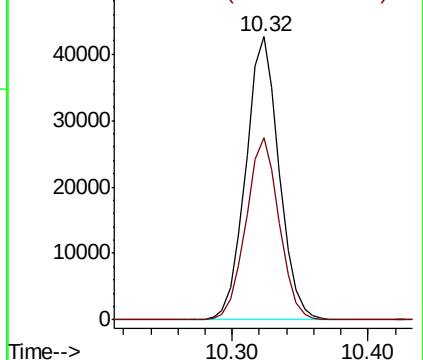
98 100

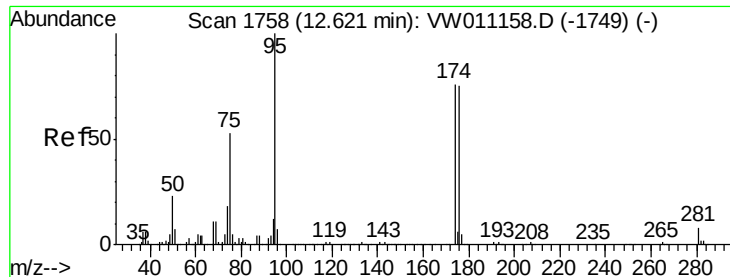
100 64.1 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 40.933 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011360.D

Acq: 19 Jul 2019 04:19

Instrument :

MSVOA_W

ClientSampleId :

SB-5(0-2)

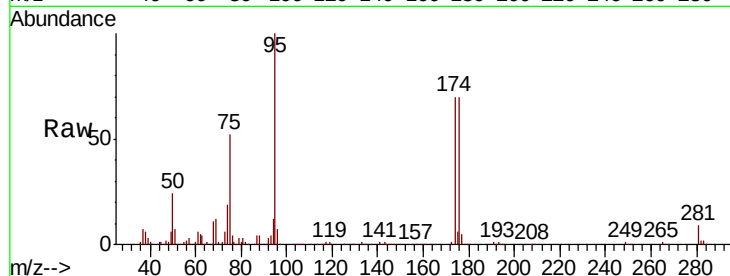
Tot Ion: 95 Resp: 95239

Ion Ratio Lower Upper

95 100

174 75.2 0.0 147.6

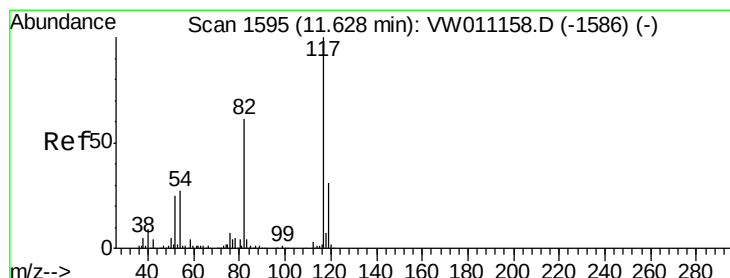
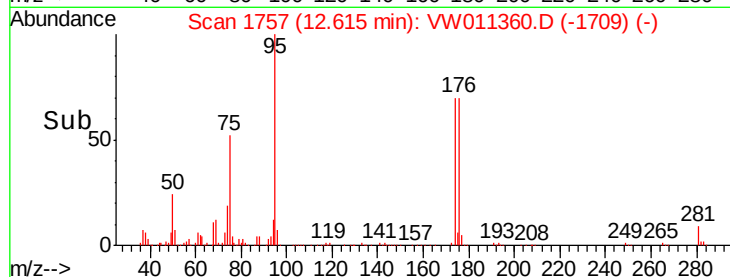
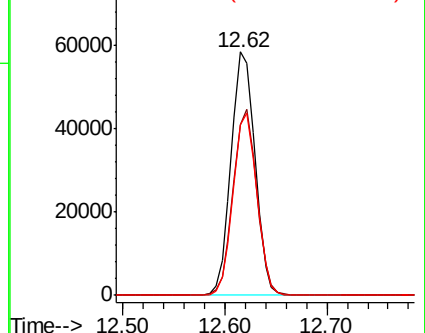
176 73.7 0.0 144.6



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. 0.01 min

Lab File: VW011360.D

Acq: 19 Jul 2019 04:19

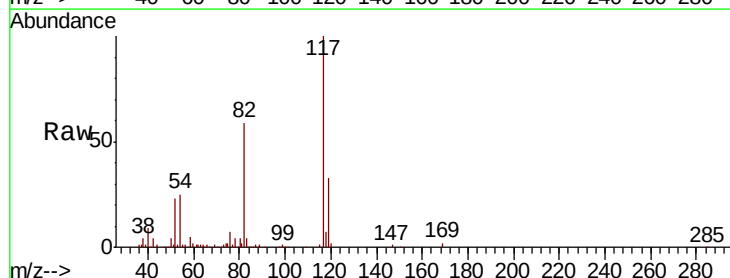
Tgt Ion: 117 Resp: 94072

Ion Ratio Lower Upper

117 100

82 59.3 48.9 73.3

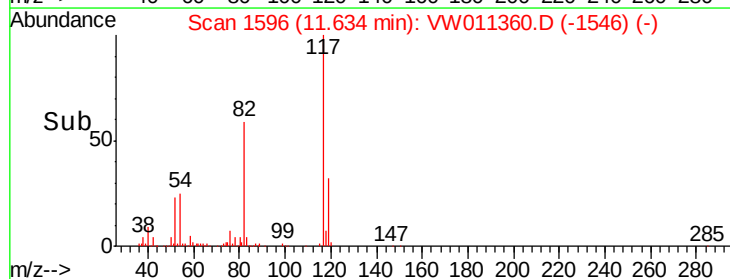
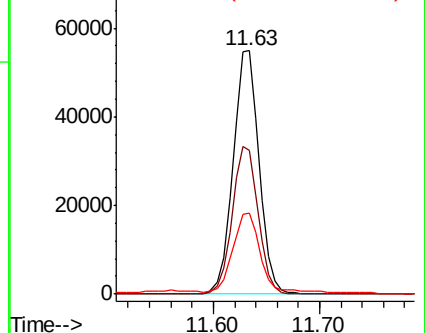
119 32.8 25.0 37.6

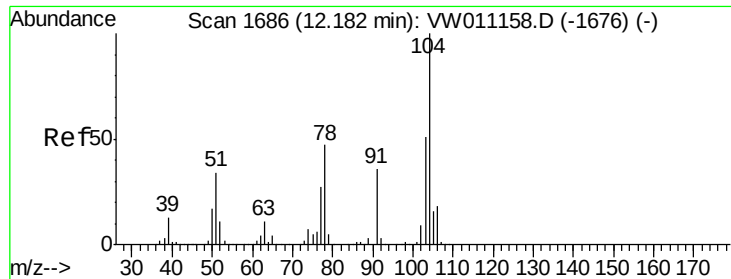


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

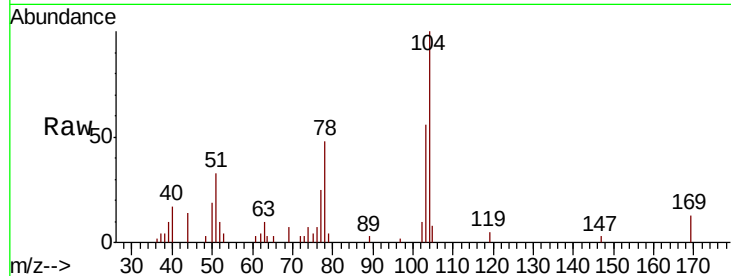




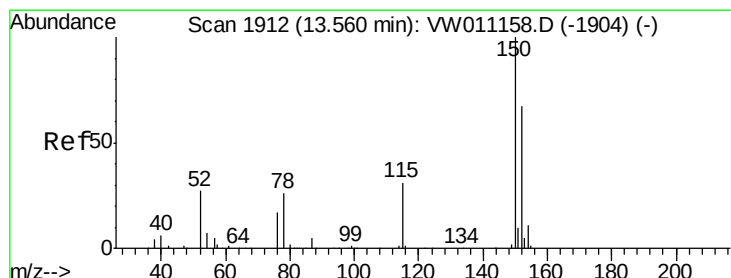
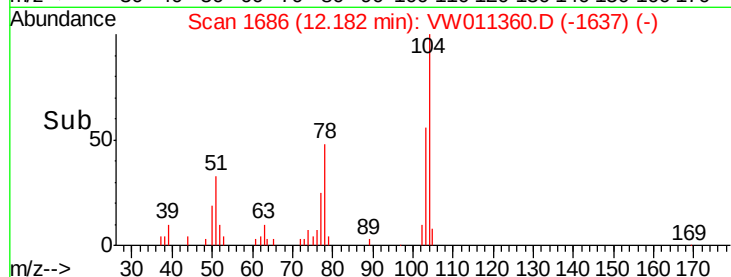
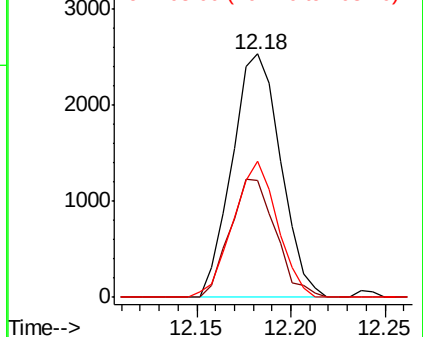
#70
Stvrene
Concen: 2.106 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011360.D
Acq: 19 Jul 2019 04:19

Instrument :
MSVOA_W
ClientSampleId :
SB-5(0-2)

Tot Ion:104 Resp: 4539
Ion Ratio Lower Upper
104 100
78 45.6 43.1 64.7
103 51.0 44.1 66.1

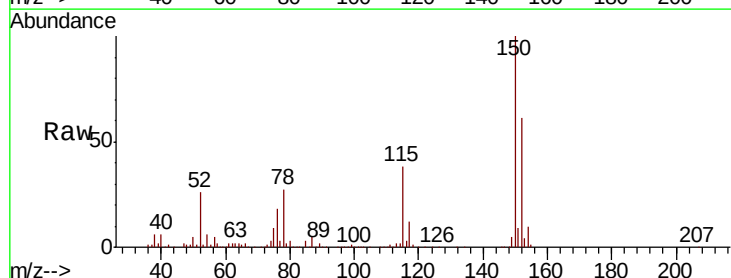


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

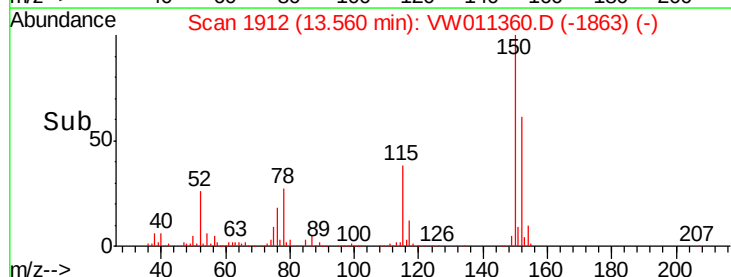
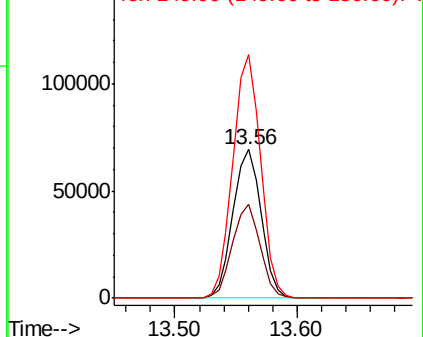


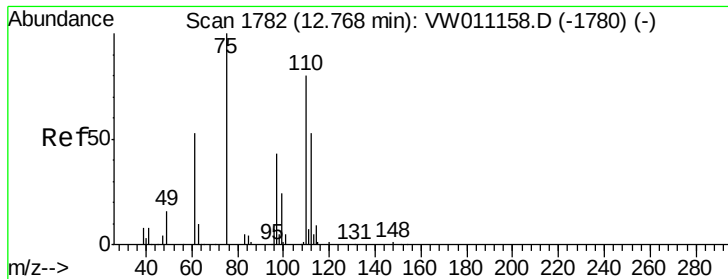
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011360.D
Acq: 19 Jul 2019 04:19

Tgt Ion:152 Resp: 110683
Ion Ratio Lower Upper
152 100
115 61.6 30.1 90.3
150 161.1 0.0 346.0



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: 39.865 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011360.D

Acq: 19 Jul 2019 04:19

Instrument :

MSVOA_W

ClientSampleId :

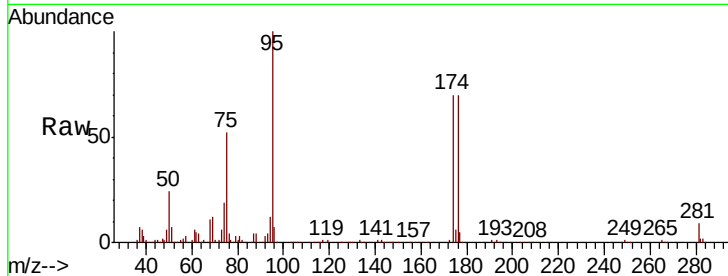
SB-5(0-2)

Tot Ion: 75 Resp: 50991

Ion Ratio Lower Upper

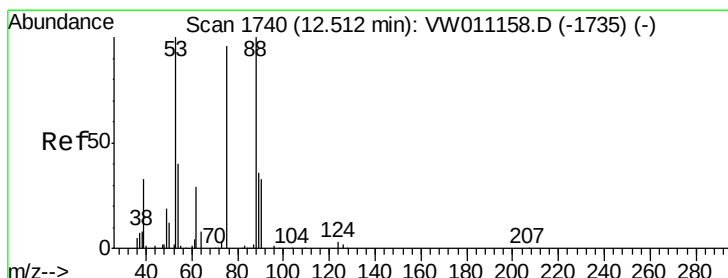
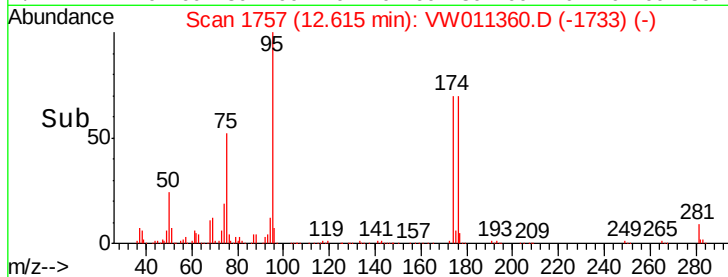
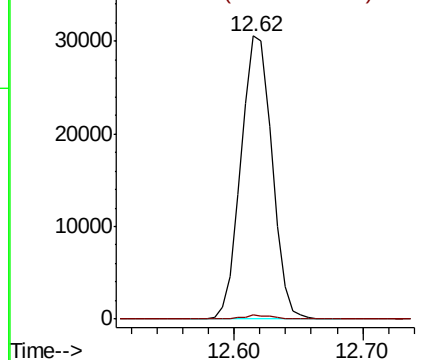
75 100

77 1.4 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: 90.168 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011360.D

Acq: 19 Jul 2019 04:19

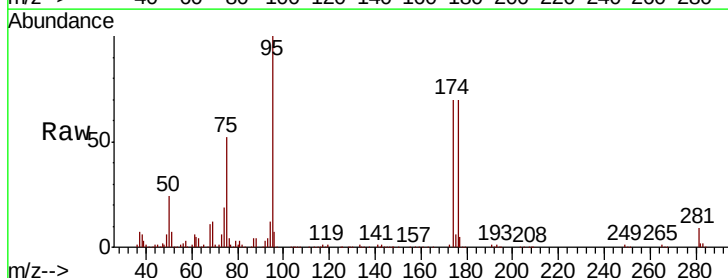
Tgt Ion: 75 Resp: 50991

Ion Ratio Lower Upper

75 100

53 0.2 89.8 134.6#

89 0.0 34.3 51.5#



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

