

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101618\
 Data File : VW006106.D
 Acq On : 17 Oct 2018 05:13
 Operator : VA/AP
 Sample : J5539-03
 Misc : 10.66G/5ML/MSVOA_W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DUP

Quant Time: Oct 17 07:21:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	57820	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	77946	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	58057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	21499	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	19363	40.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.78%	
35) Dibromofluoromethane	7.88	113	18208	39.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.06%	
50) Toluene-d8	10.33	98	69855	39.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.74%	
62) 4-Bromofluorobenzene	12.63	95	19685	29.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	59.82%	

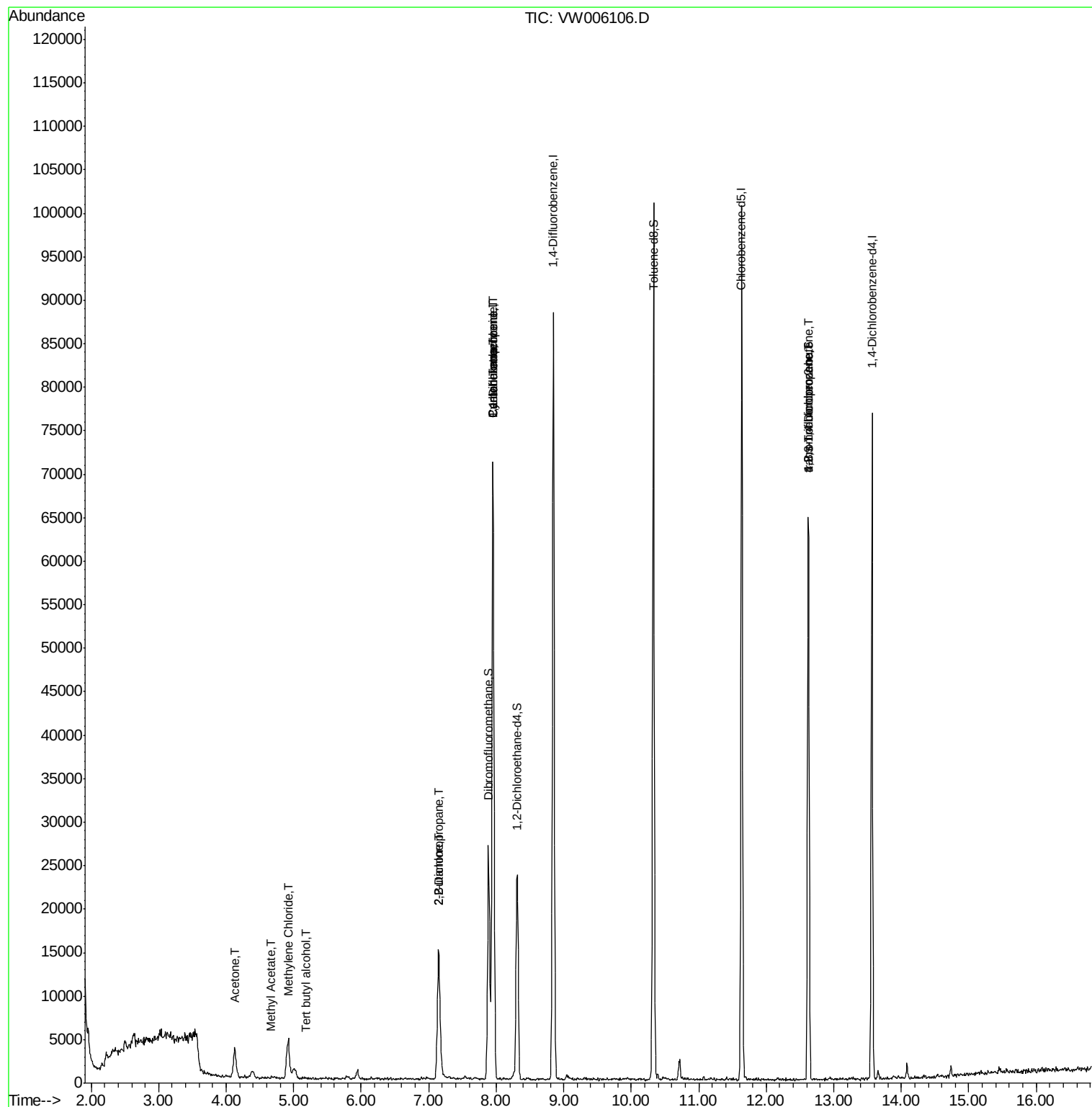
Target Compounds					Qvalue
11) Tert butyl alcohol	5.18	59	52	1.613 ug/l #	71
16) Acetone	4.12	43	6147	56.919 ug/l	99
18) Methyl Acetate	4.67	43	396	1.642 ug/l #	49
20) Methylene Chloride	4.91	84	3392	5.230 ug/l	92
25) 2-Butanone	7.15	43	741	5.722 ug/l #	46
26) 2,2-Dichloropropane	7.14	77	1028	1.655 ug/l #	51
31) Cyclohexane	7.95	56	1149	1.310 ug/l #	17
36) 1,1-Dichloropropene	7.95	75	3852	5.362 ug/l #	49
38) Carbon Tetrachloride	7.95	117	5206	6.610 ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	9885	60.197 ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	9885	143.895 ug/l #	10

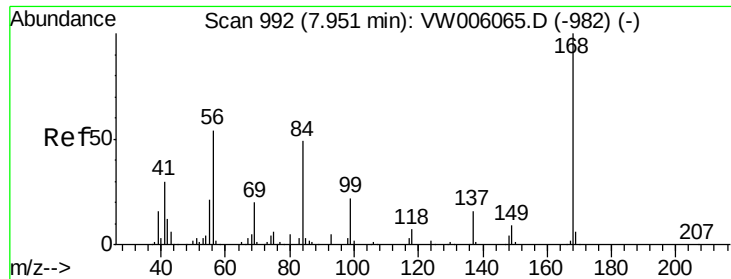
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006106.D

Acq: 17 Oct 2018 05:13

Instrument :

MSVOA_W

ClientSampled :

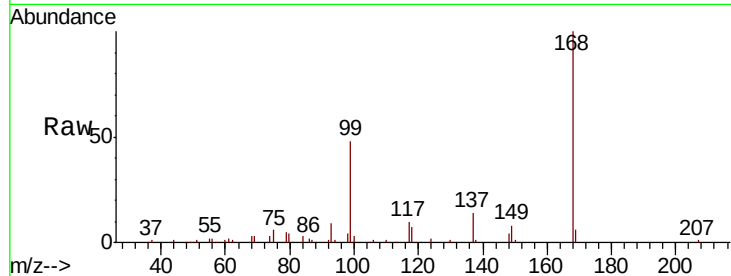
DUP

Tgt Ion:168 Resp: 57820

Ion Ratio Lower Upper

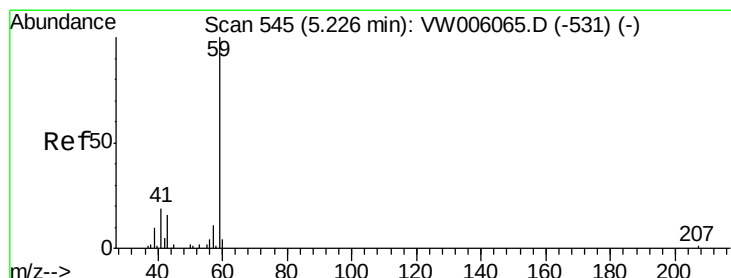
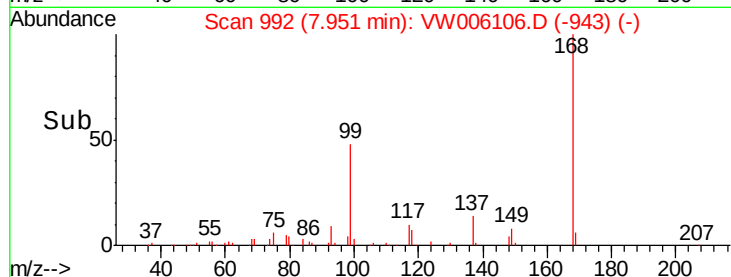
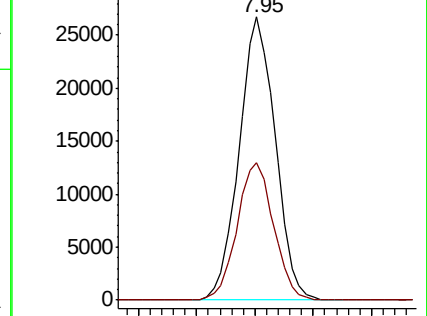
168 100

99 48.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.613 ug/l

RT: 5.18 min Scan# 537

Delta R.T. -0.05 min

Lab File: VW006106.D

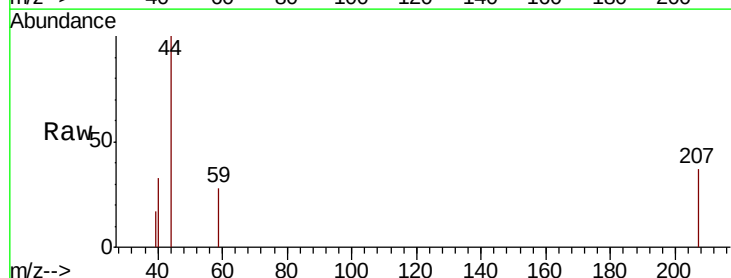
Acq: 17 Oct 2018 05:13

Tgt Ion: 59 Resp: 52

Ion Ratio Lower Upper

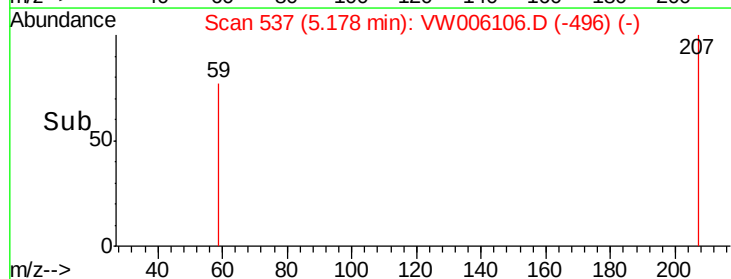
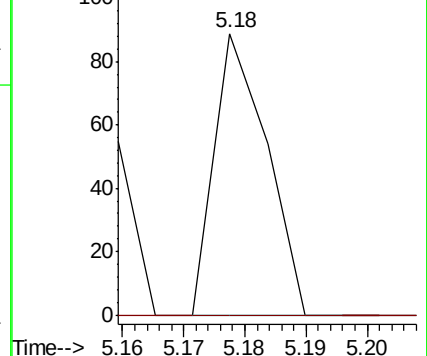
59 100

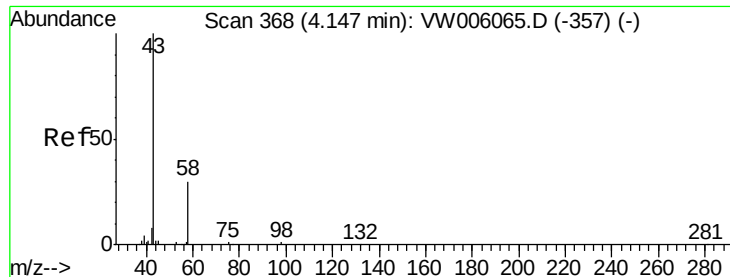
57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 56.919 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW006106.D

Acq: 17 Oct 2018 05:13

Instrument :

MSVOA_W

ClientSampled :

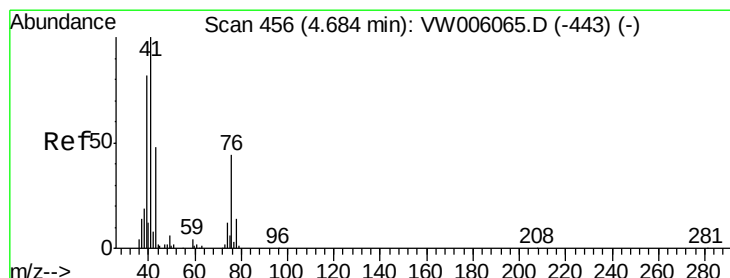
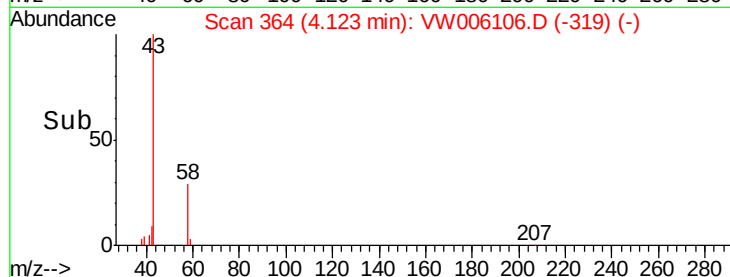
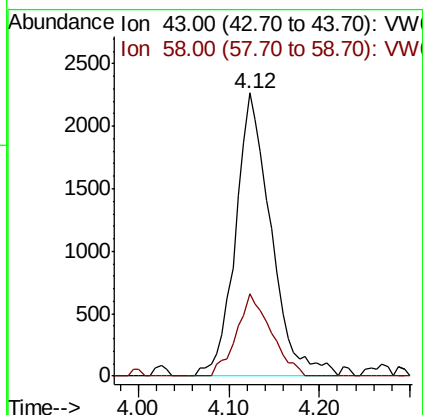
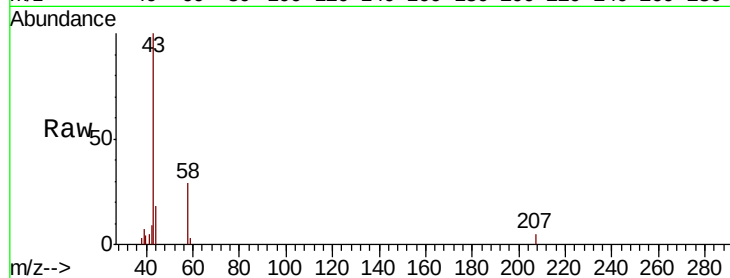
DUP

Tgt Ion: 43 Resp: 6147

Ion Ratio Lower Upper

43 100

58 29.3 24.0 36.0



#18

Methyl Acetate

Concen: 1.642 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.02 min

Lab File: VW006106.D

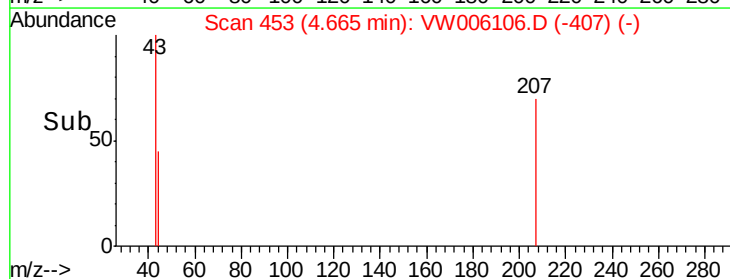
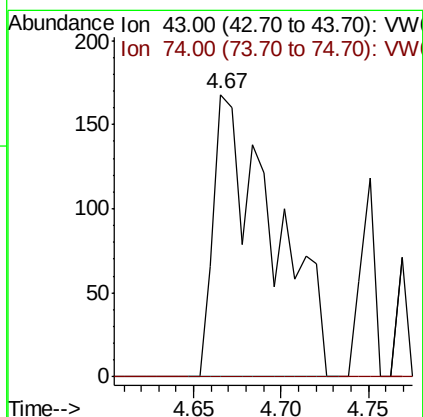
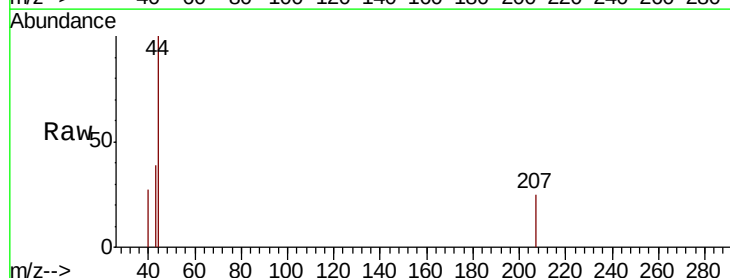
Acq: 17 Oct 2018 05:13

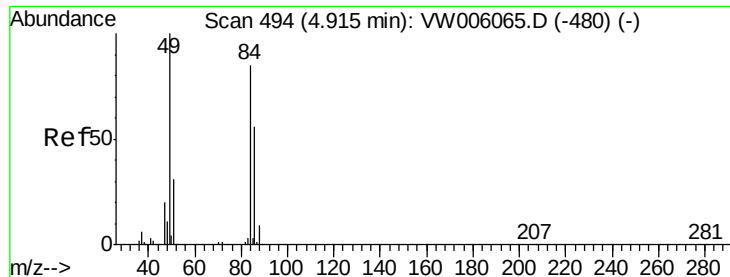
Tgt Ion: 43 Resp: 396

Ion Ratio Lower Upper

43 100

74 0.0 20.5 30.7#

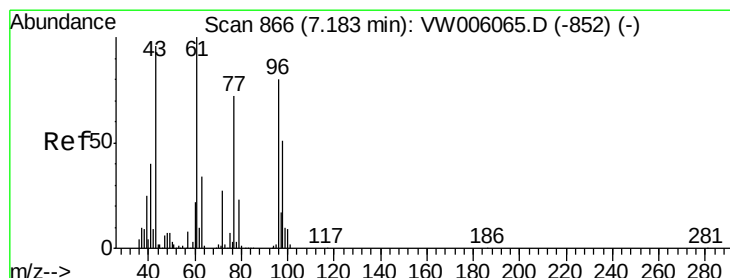
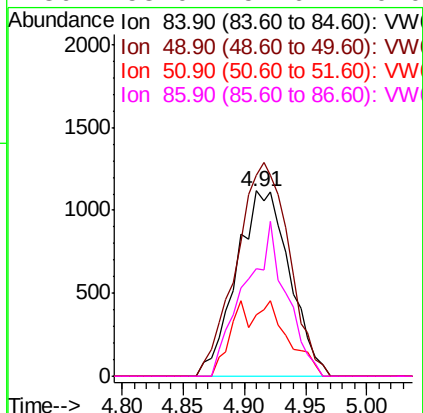
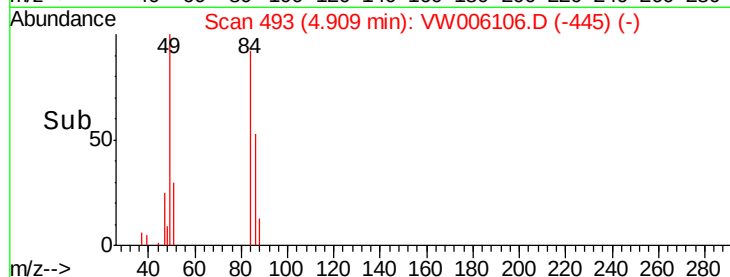
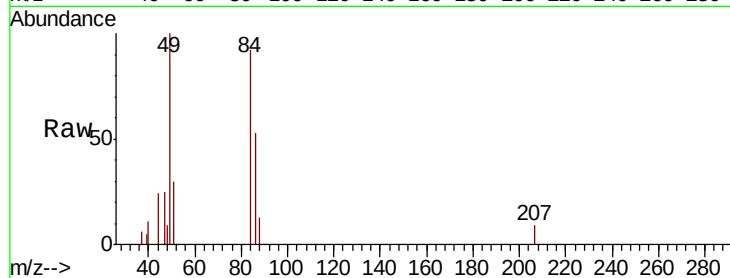




#20
Methylene Chloride
Concen: 5.230 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006106.D
Acq: 17 Oct 2018 05:13

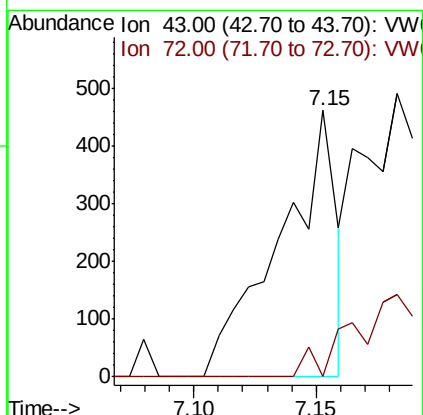
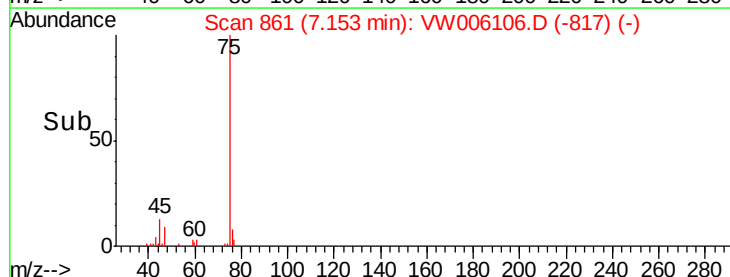
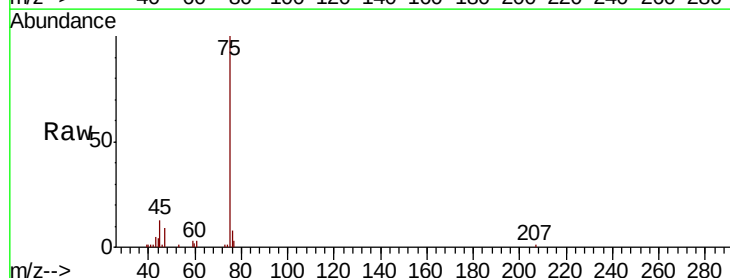
Instrument :
MSVOA_W
ClientSampleId :
DUP

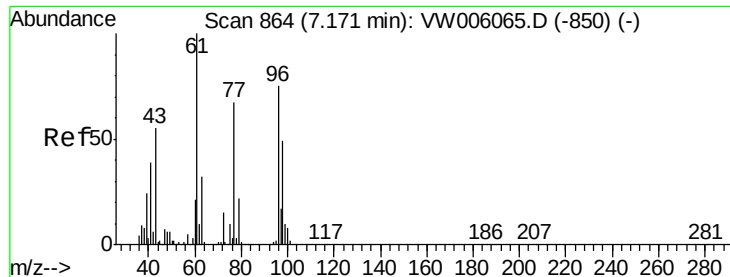
Tgt Ion:	84	Resp:	3392
Ion	Ratio	Lower	Upper
84	100		
49	108.8	93.6	140.4
51	33.1	29.0	43.4
86	58.0	52.6	79.0



#25
2-Butanone
Concen: 5.722 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.03 min
Lab File: VW006106.D
Acq: 17 Oct 2018 05:13

Tgt Ion:	43	Resp:	741
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.8	34.2#

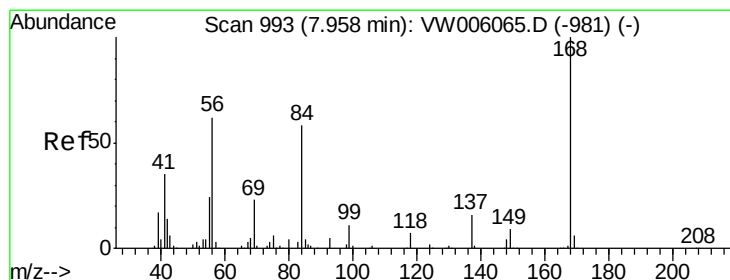
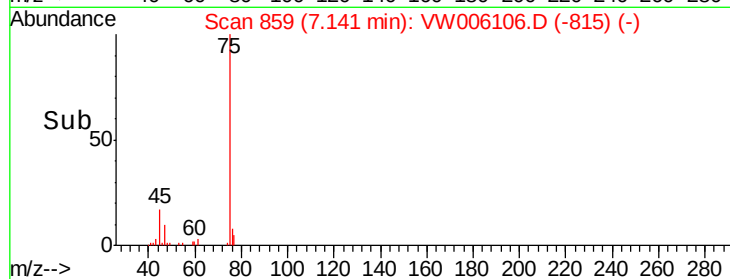
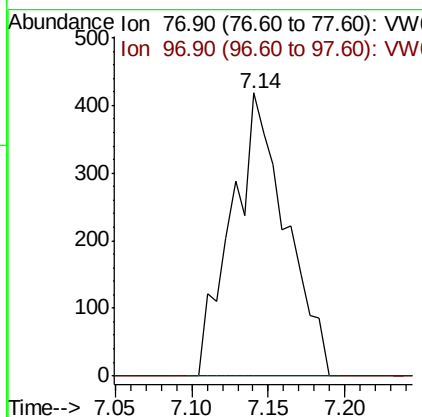
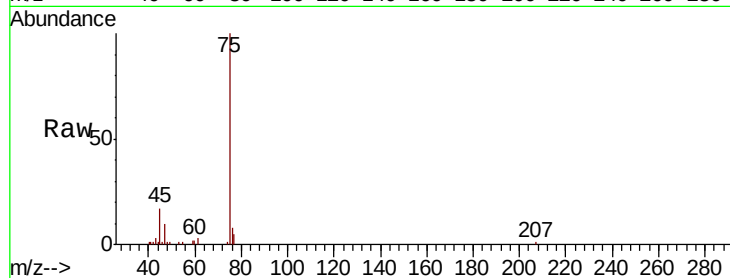




#26
 2,2-Dichloropropane
 Concen: 1.655 ug/l
 RT: 7.14 min Scan# 859
 Delta R.T. -0.03 min
 Lab File: VW006106.D
 Acq: 17 Oct 2018 05:13

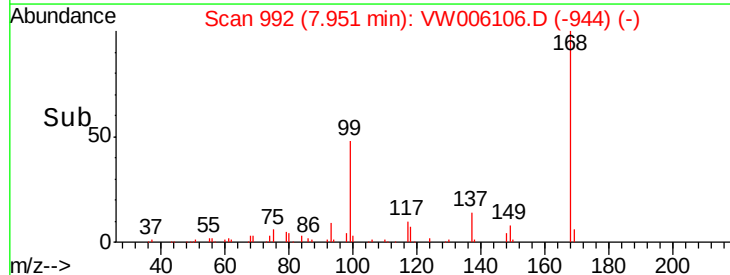
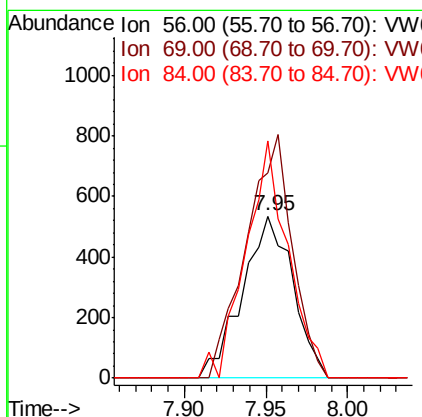
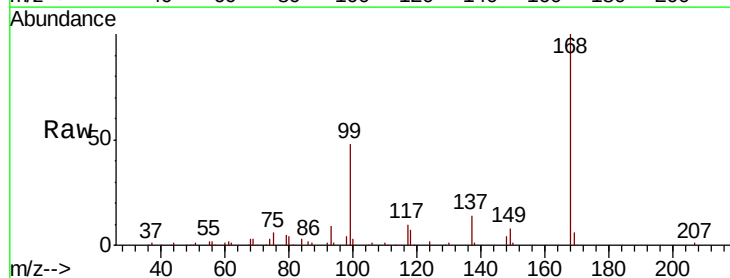
Instrument :
 MSVOA_W
 ClientSampleId :
 DUP

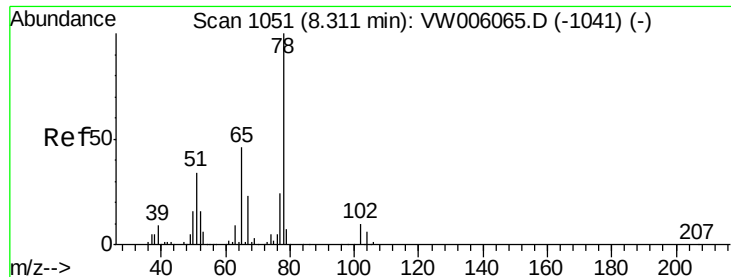
Tgt Ion: 77 Resp: 1028
 Ion Ratio Lower Upper
 77 100
 97 0.0 12.2 36.4#



#31
 Cyclohexane
 Concen: 1.310 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: VW006106.D
 Acq: 17 Oct 2018 05:13

Tgt Ion: 56 Resp: 1149
 Ion Ratio Lower Upper
 56 100
 69 126.9 29.4 44.0#
 84 145.9 74.0 111.0#

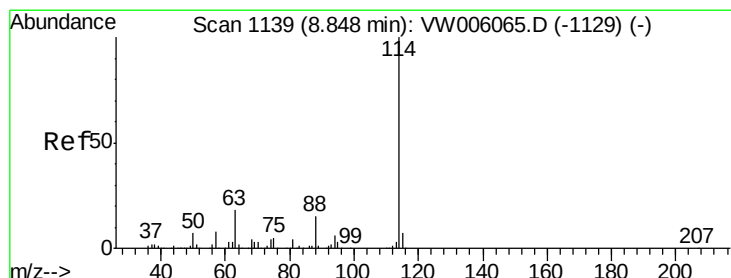
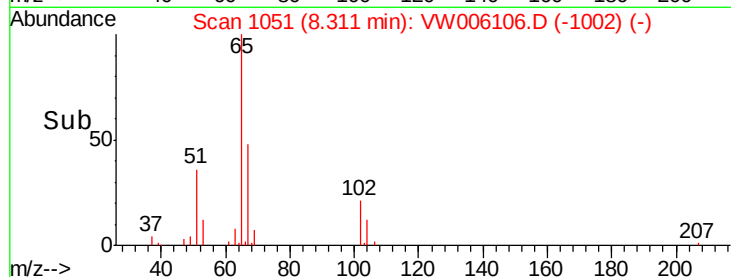
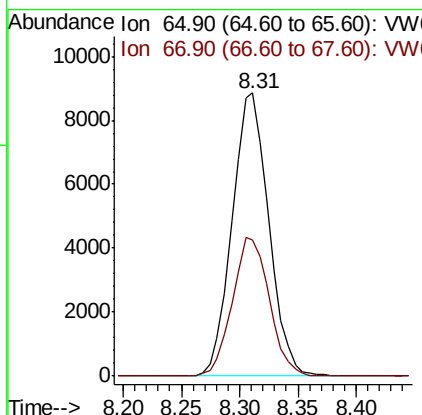
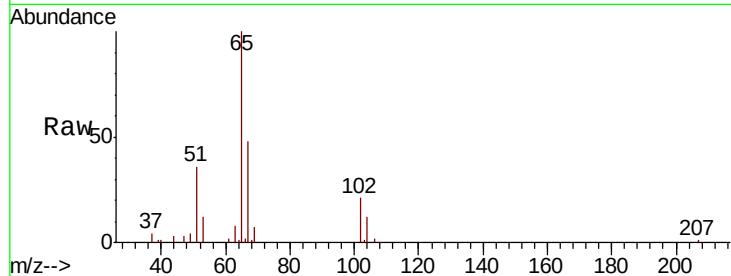




#33
 1,2-Dichloroethane-d4
 Concen: 40.393 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006106.D
 Acq: 17 Oct 2018 05:13

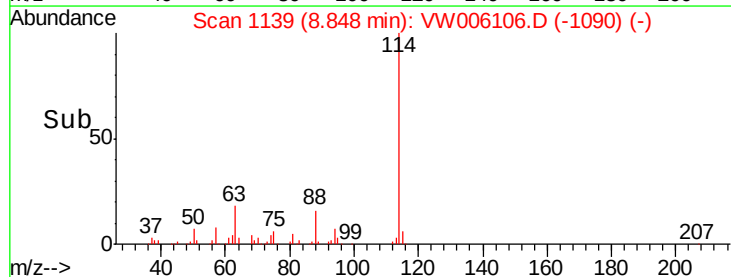
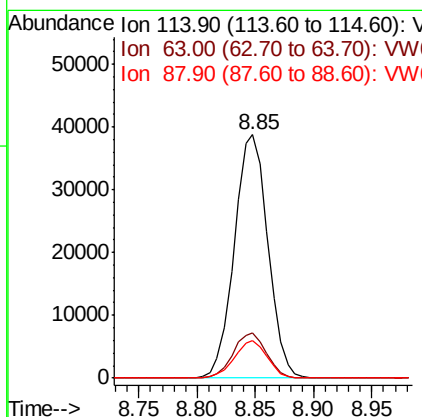
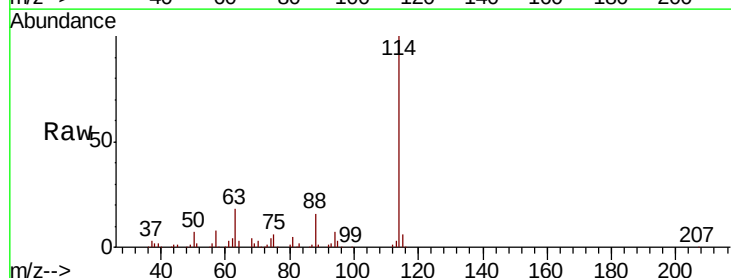
Instrument :
 MSVOA_W
 ClientSampleId :
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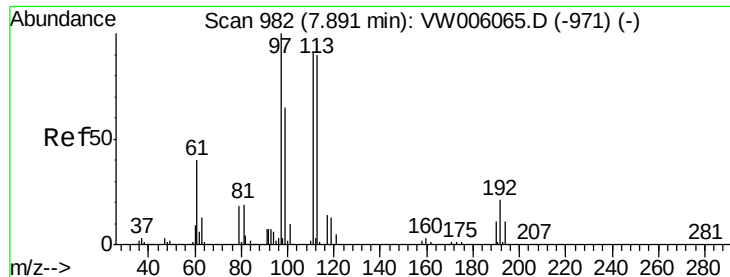
Tgt Ion: 65 Resp: 19363
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006106.D
 Acq: 17 Oct 2018 05:13

Tgt Ion: 114 Resp: 77946
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.8
 88 15.5 0.0 29.0

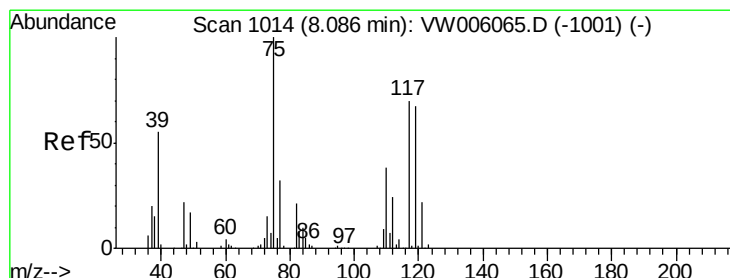
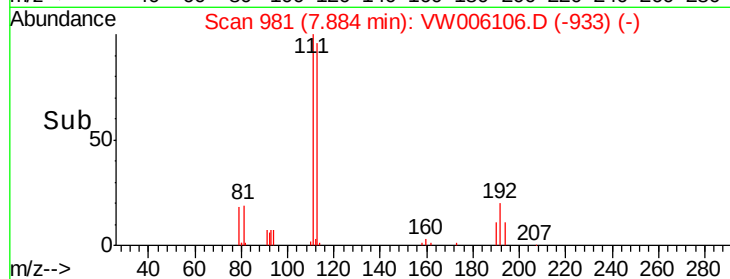
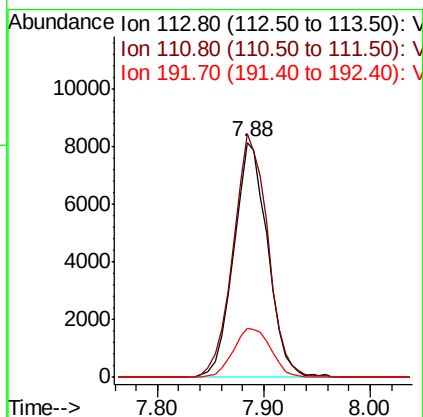
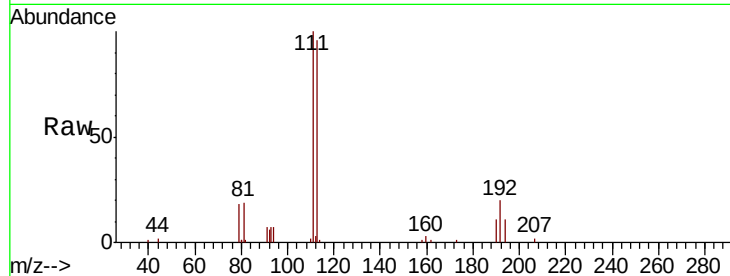




#35
 Dibromofluoromethane
 Concen: 39.533 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006106.D
 Acq: 17 Oct 2018 05:13

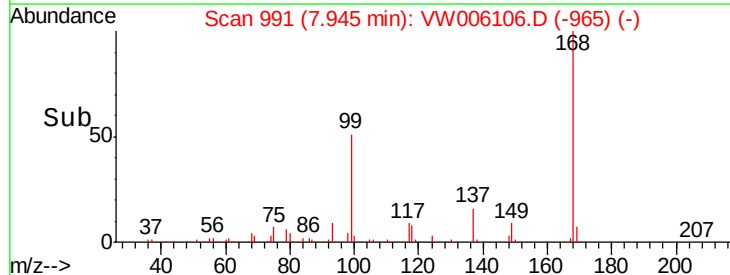
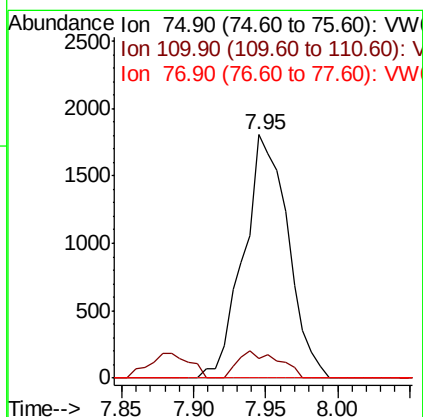
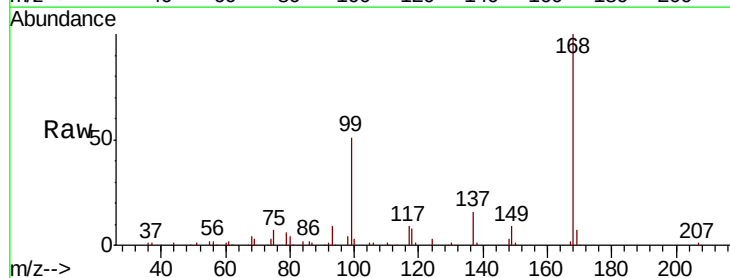
Instrument :
 MSVOA_W
 ClientSampled :
 DUP

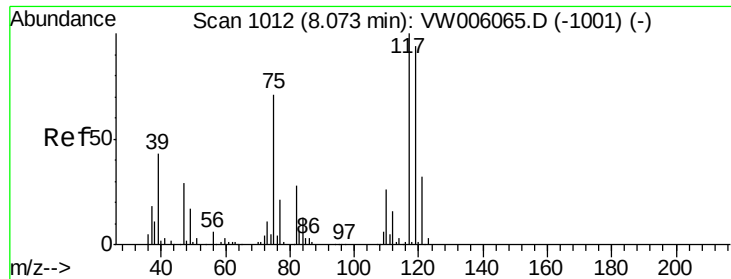
Tgt Ion: 113 Resp: 18208
 Ion Ratio Lower Upper
 113 100
 111 105.9 81.4 122.0
 192 23.0 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 5.362 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006106.D
 Acq: 17 Oct 2018 05:13

Tgt Ion: 75 Resp: 3852
 Ion Ratio Lower Upper
 75 100
 110 10.3 19.1 57.1#
 77 0.0 25.0 37.4#

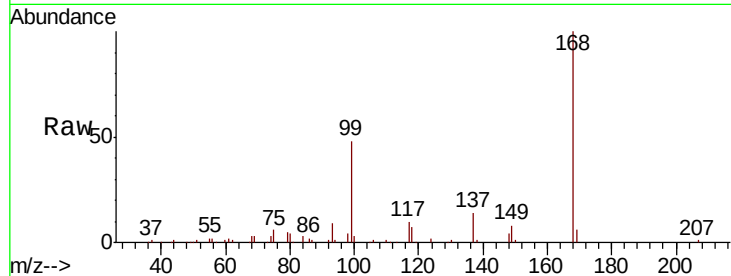




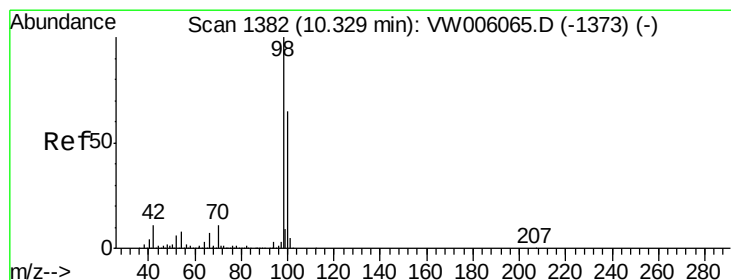
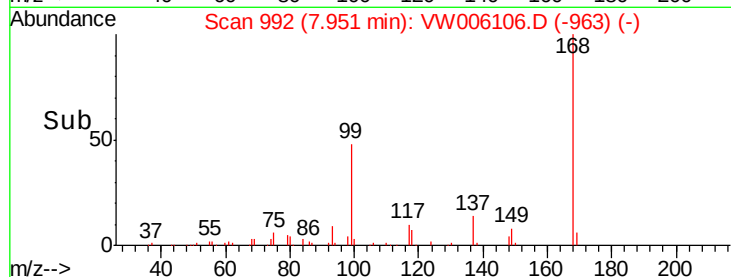
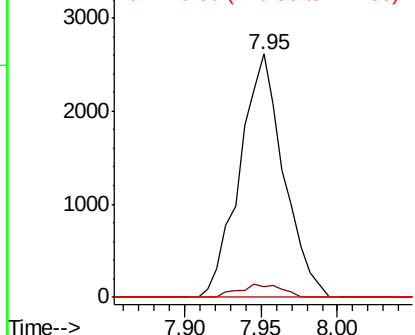
#38
Carbon Tetrachloride
Concen: 6.610 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006106.D
Acq: 17 Oct 2018 05:13

Instrument :
MSVOA_W
ClientSampled :
DUP

Tgt Ion: 117 Resp: 5206
Ion Ratio Lower Upper
117 100
119 4.5 75.2 112.8#
121 0.0 25.3 37.9#

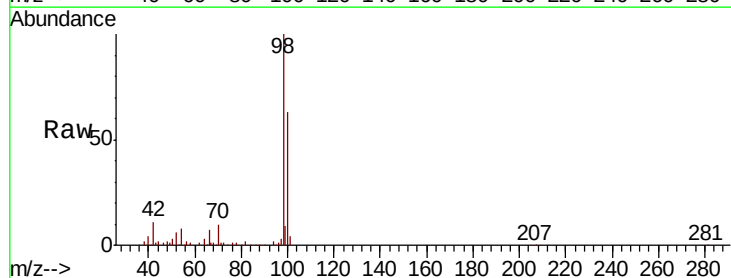


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

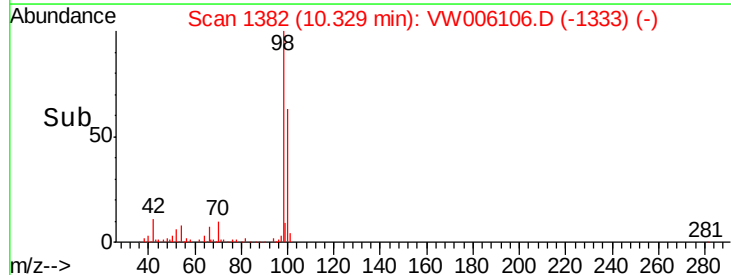
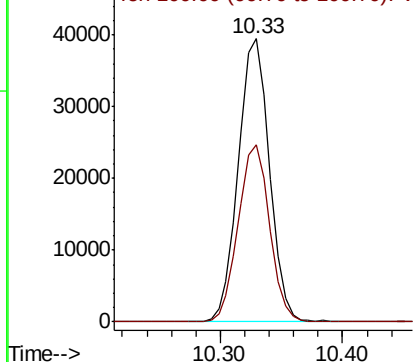


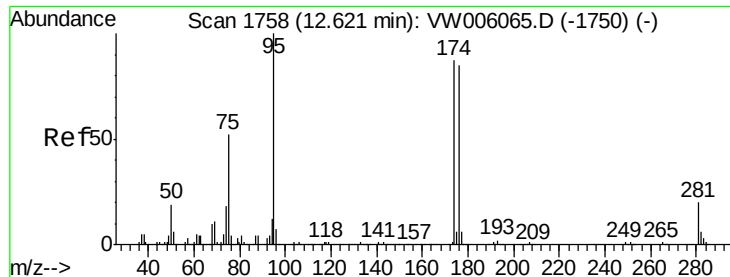
#50
Toluene-d8
Concen: 39.865 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006106.D
Acq: 17 Oct 2018 05:13

Tgt Ion: 98 Resp: 69855
Ion Ratio Lower Upper
98 100
100 62.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 29.910 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW006106.D

Acq: 17 Oct 2018 05:13

Instrument :

MSVOA_W

ClientSampleId :

DUP

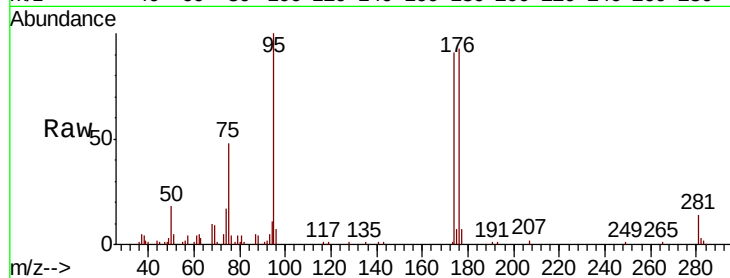
Tgt Ion: 95 Resp: 19685

Ion Ratio Lower Upper

95 100

174 91.5 0.0 186.0

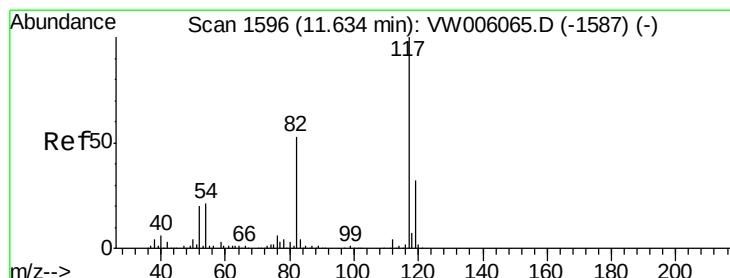
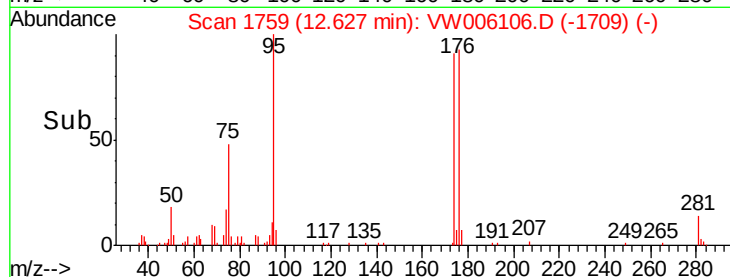
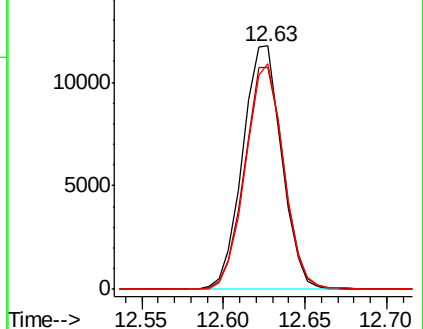
176 90.2 0.0 181.6



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. -0.00 min

Lab File: VW006106.D

Acq: 17 Oct 2018 05:13

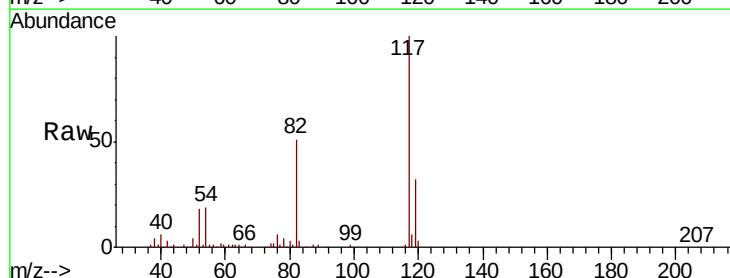
Tgt Ion: 117 Resp: 58057

Ion Ratio Lower Upper

117 100

82 51.2 42.1 63.1

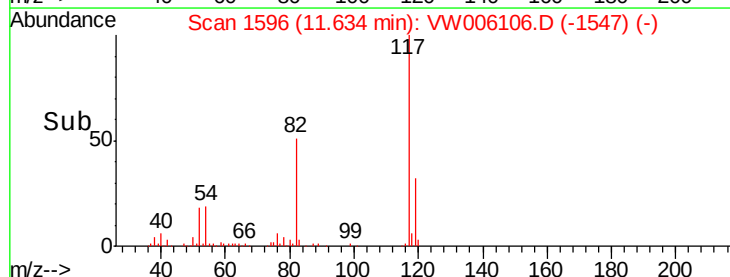
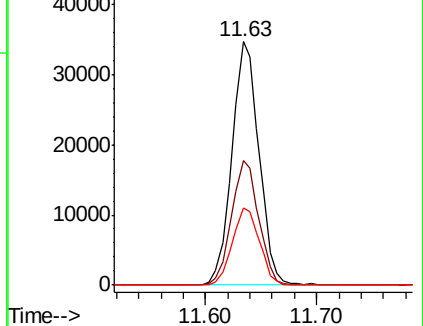
119 31.7 25.8 38.6

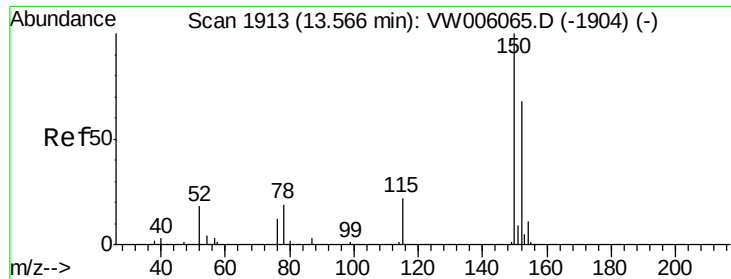


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

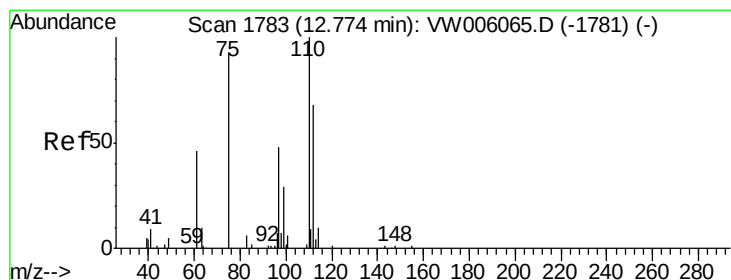
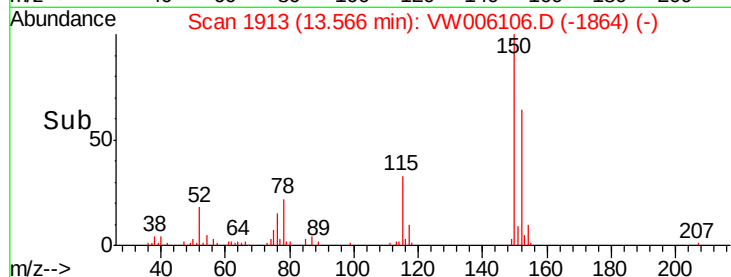
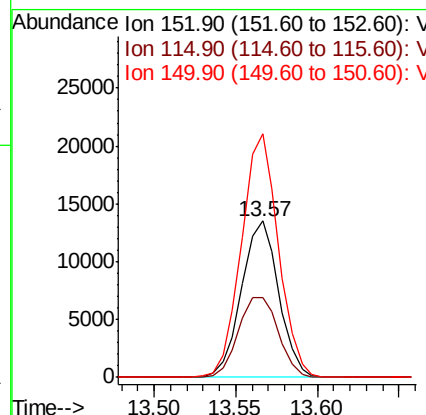
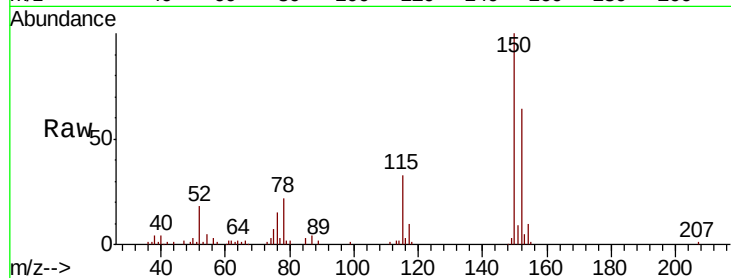




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. -0.00 min
 Lab File: VW006106.D
 Acq: 17 Oct 2018 05:13

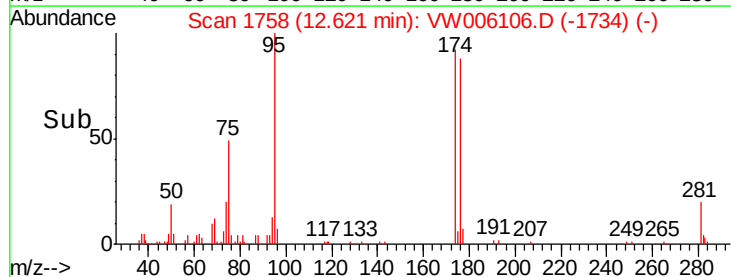
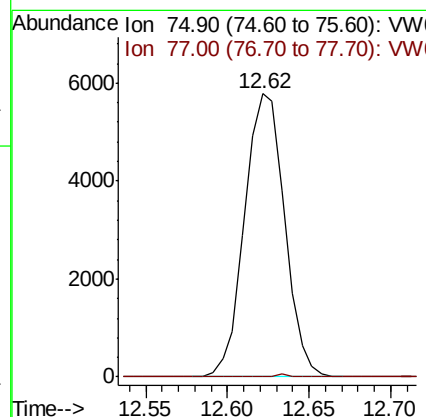
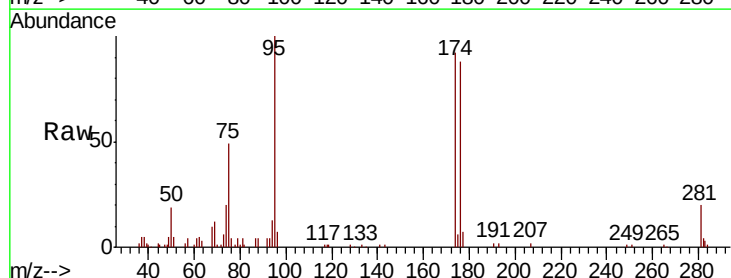
Instrument :
 MSVOA_W
 ClientSampled :
 DUP

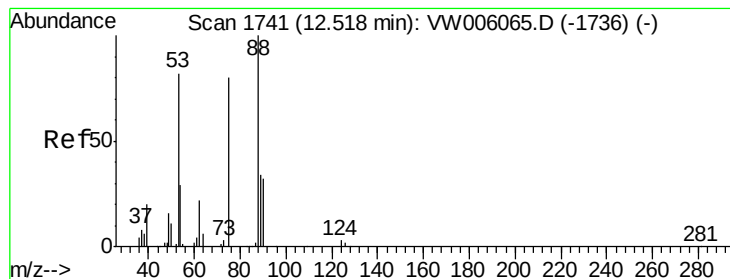
Tgt Ion:152 Resp: 21499
 Ion Ratio Lower Upper
 152 100
 115 55.2 27.8 83.3
 150 154.6 0.0 349.2



#76
 1,2,3-Trichloropropane
 Concen: 60.197 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006106.D
 Acq: 17 Oct 2018 05:13

Tgt Ion: 75 Resp: 9885
 Ion Ratio Lower Upper
 75 100
 77 0.3 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 143.895 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006106.D

Acq: 17 Oct 2018 05:13

Instrument :

MSVOA_W

ClientSampleId :

DUP

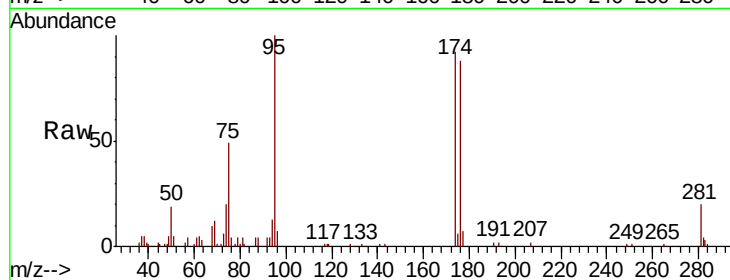
Tgt Ion: 75 Resp: 9885

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#



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

