

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101718\
 Data File : VW006127.D
 Acq On : 17 Oct 2018 15:36
 Operator : VA/AP
 Sample : J5526-18RE
 Misc : 7.5G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-4A-G-101518-3

Quant Time: Oct 18 10:42:22 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	215659	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	302691	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	253102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	115129	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	79909	44.69	ug/l	0.00
Spiked Amount			Recovery	=	89.38%	
35) Dibromofluoromethane	7.89	113	79822	44.63	ug/l	0.00
Spiked Amount			Recovery	=	89.26%	
50) Toluene-d8	10.33	98	299502	44.01	ug/l	0.00
Spiked Amount			Recovery	=	88.02%	
62) 4-Bromofluorobenzene	12.62	95	97896	38.30	ug/l	0.00
Spiked Amount			Recovery	=	76.60%	

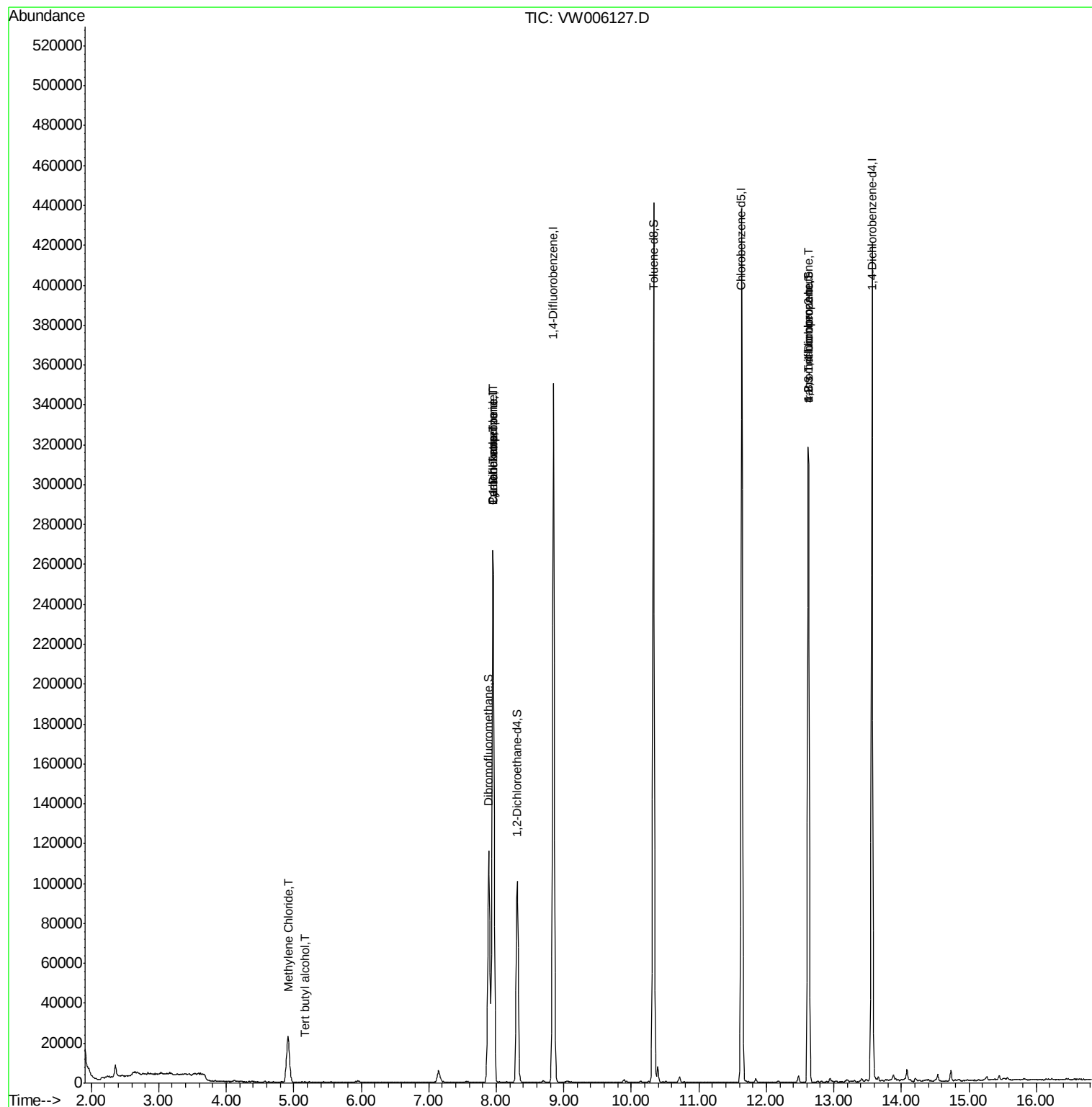
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	142	1.18	ug/l	# 71
16) Acetone	4.12	43	1309	Below	Cal	91
20) Methylene Chloride	4.92	84	18404	8.37	ug/l	97
31) Cyclohexane	7.95	56	4031	1.23	ug/l	# 22
36) 1,1-Dichloropropene	7.95	75	13867	4.97	ug/l	# 48
38) Carbon Tetrachloride	7.95	117	19668	6.43	ug/l	# 17
76) 1,2,3-Trichloropropane	12.62	75	50920	57.91	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.62	75	50920	138.42	ug/l	# 10

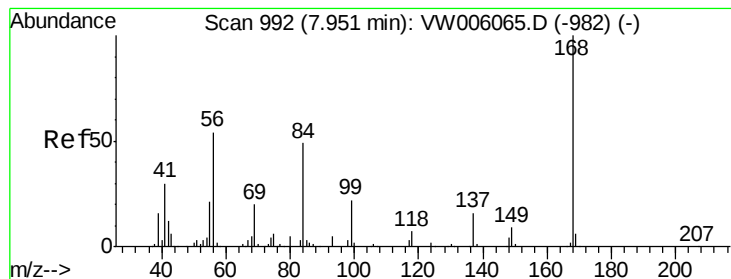
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SUP-4A-G-101518-3

Quant Time: Oct 18 10:42:22 2018
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Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006127.D

Acq: 17 Oct 2018 15:36

Instrument :

MSVOA_W

ClientSampleId :

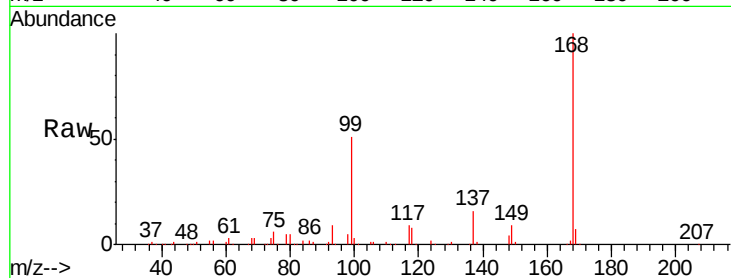
SUP-4A-G-101518-3

Tgt Ion:168 Resp: 215659

Ion Ratio Lower Upper

168 100

99 51.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

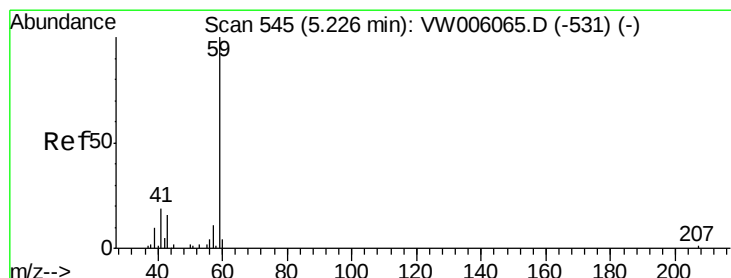
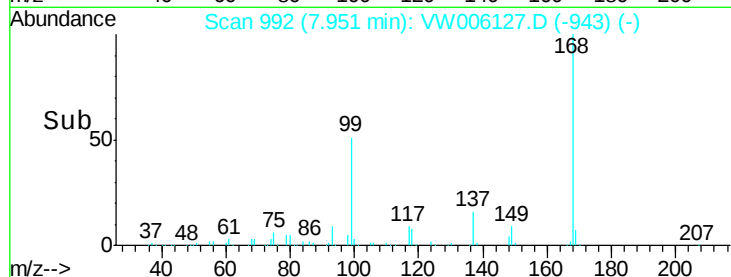
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.18 ug/l

RT: 5.17 min Scan# 535

Delta R.T. -0.06 min

Lab File: VW006127.D

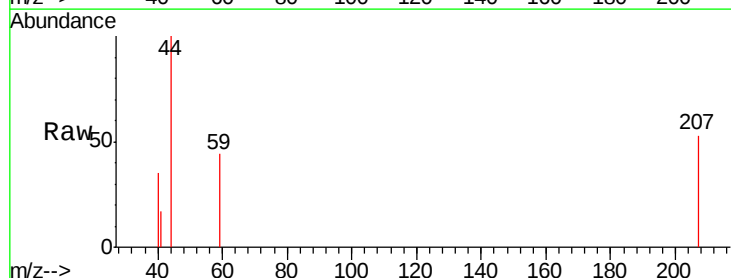
Acq: 17 Oct 2018 15:36

Tgt Ion: 59 Resp: 142

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

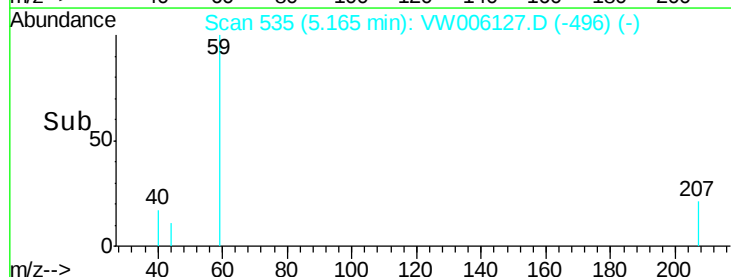
150

100

50

0

Time-->

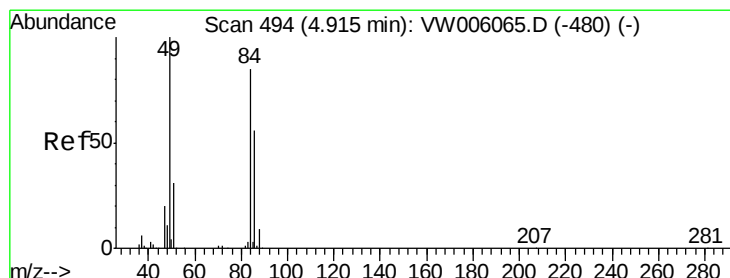
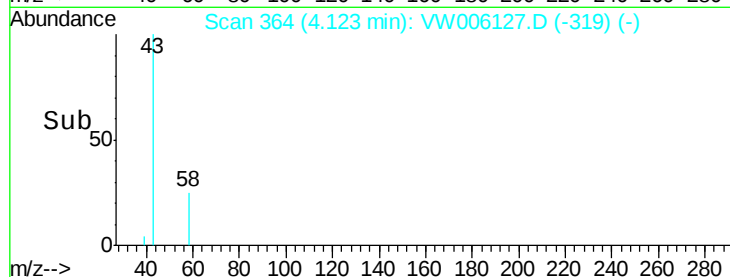
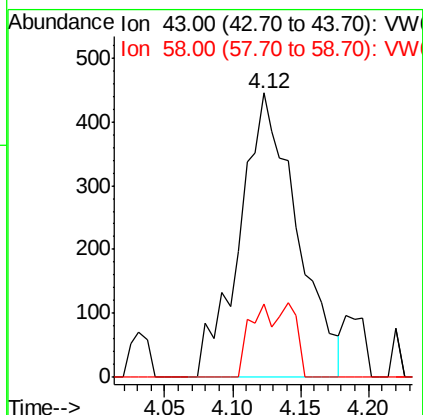
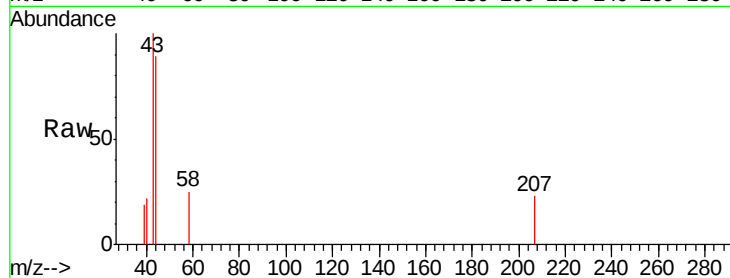




#16
Acetone
Concen: Below Cal
RT: 4.12 min Scan# 364
Delta R.T. -0.02 min
Lab File: VW006127.D
Acq: 17 Oct 2018 15:36

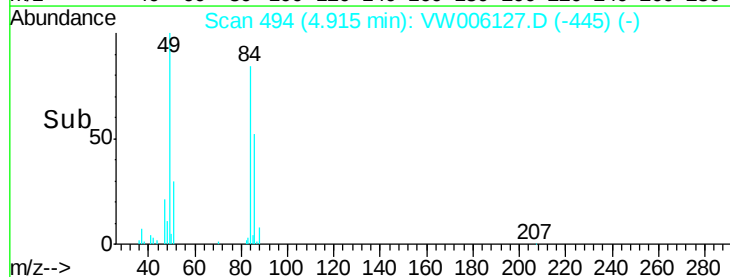
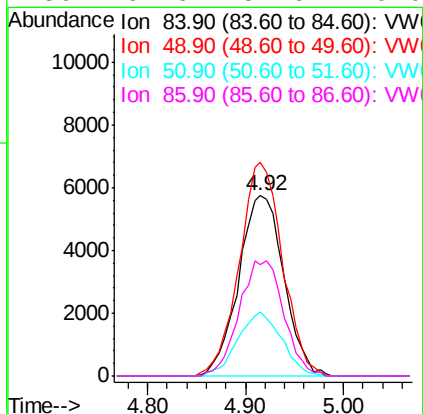
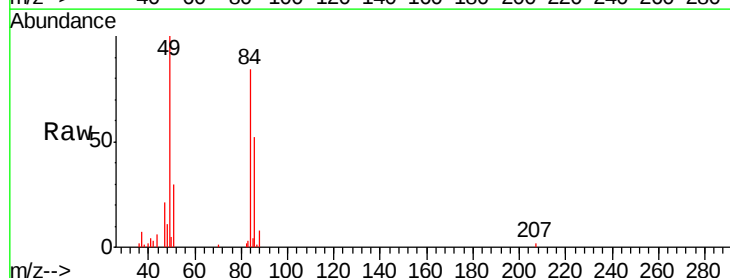
Instrument :
MSVOA_W
ClientSampleId :
SUP-4A-G-101518-3

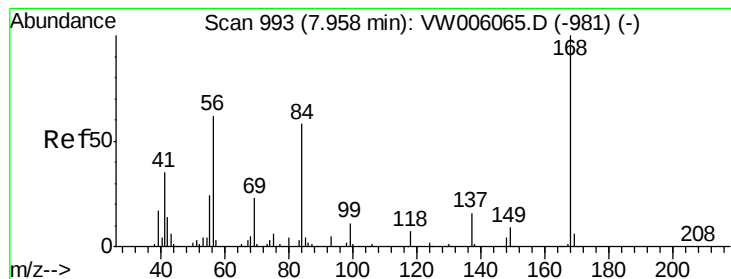
Tgt Ion: 43 Resp: 1309
Ion Ratio Lower Upper
43 100
58 25.3 24.0 36.0



#20
Methylene Chloride
Concen: 8.37 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006127.D
Acq: 17 Oct 2018 15:36

Tgt Ion: 84 Resp: 18404
Ion Ratio Lower Upper
84 100
49 118.7 93.6 140.4
51 35.3 29.0 43.4
86 61.6 52.6 79.0





#31

Cyclohexane

Concen: 1.23 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006127.D

Acq: 17 Oct 2018 15:36

Instrument :

MSVOA_W

ClientSampleId :

SUP-4A-G-101518-3

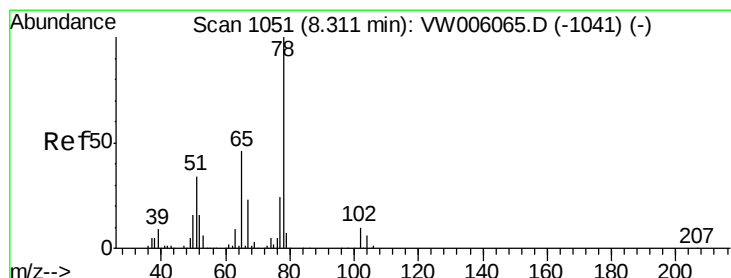
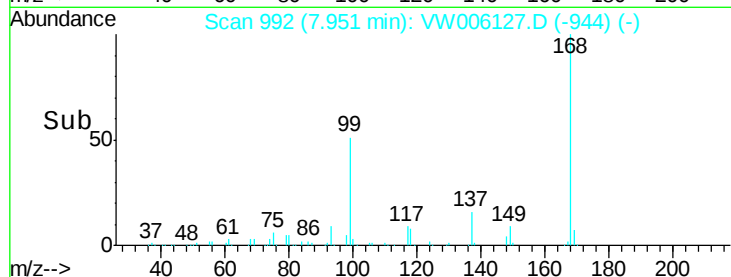
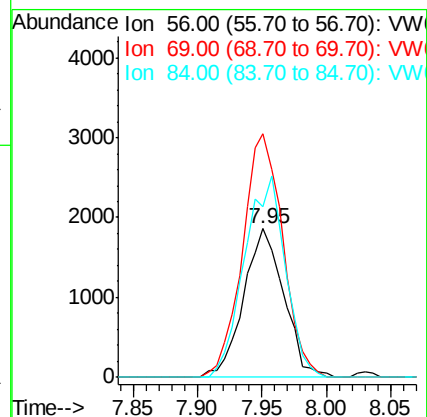
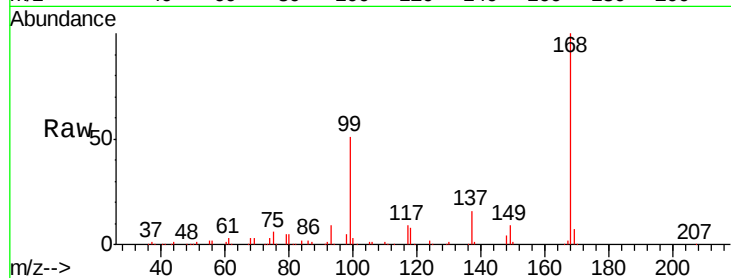
Tgt Ion: 56 Resp: 4031

Ion Ratio Lower Upper

56 100

69 163.9 29.4 44.0#

84 115.3 74.0 111.0#



#33

1,2-Dichloroethane-d4

Concen: 44.69 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006127.D

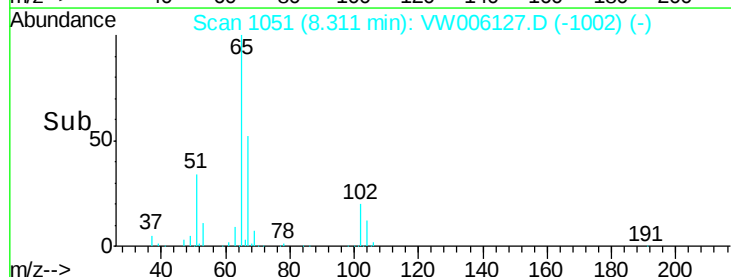
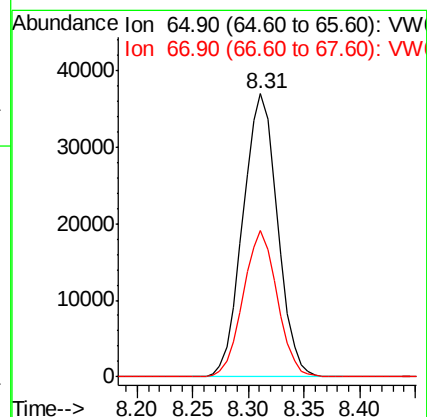
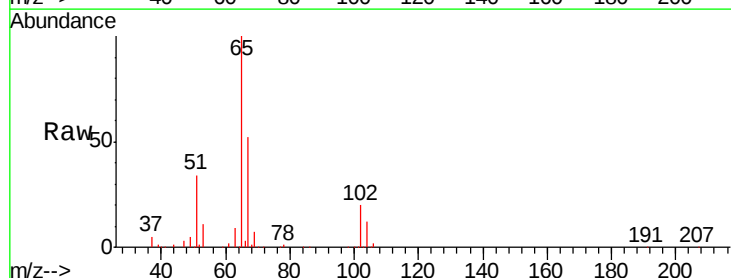
Acq: 17 Oct 2018 15:36

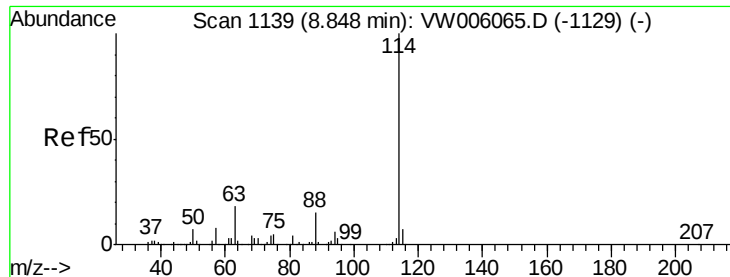
Tgt Ion: 65 Resp: 79909

Ion Ratio Lower Upper

65 100

67 50.8 0.0 101.0

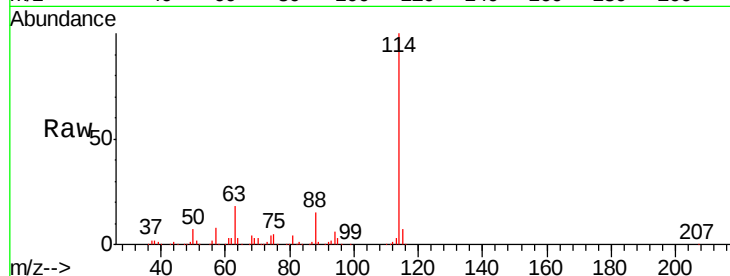




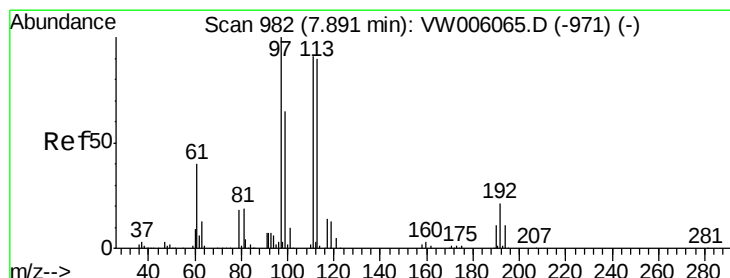
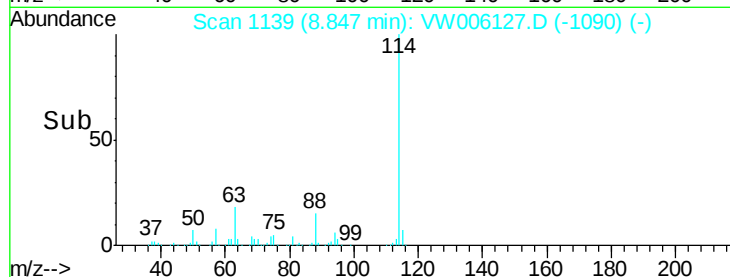
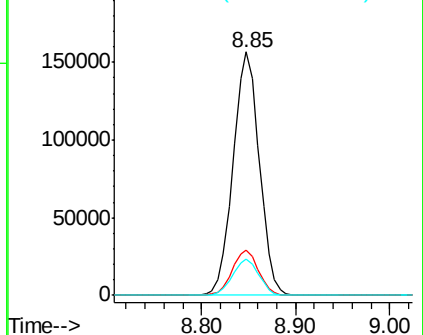
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006127.D
 Acq: 17 Oct 2018 15:36

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-4A-G-101518-3

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	36.8
88	15.1	0.0	29.0

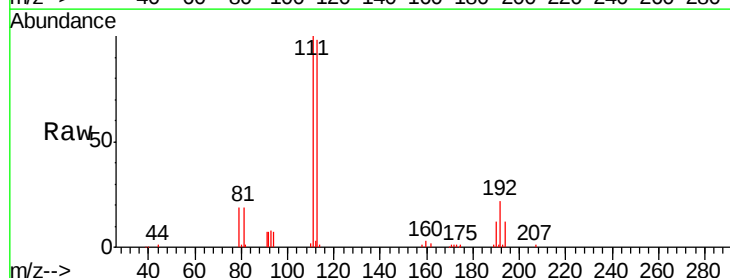


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

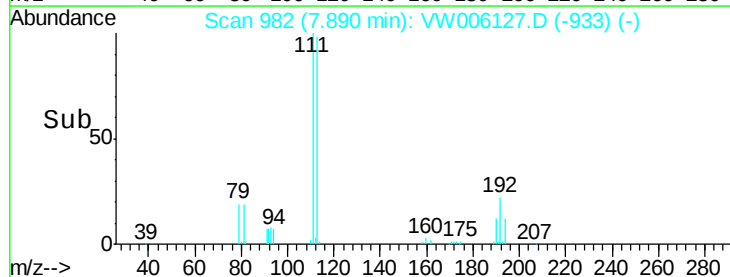
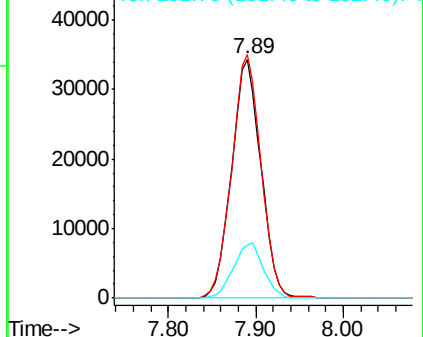


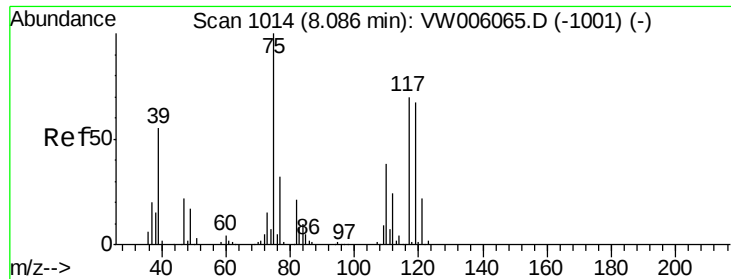
#35
 Dibromofluoromethane
 Concen: 44.63 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006127.D
 Acq: 17 Oct 2018 15:36

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.4	122.0
192	23.4	18.7	28.1



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

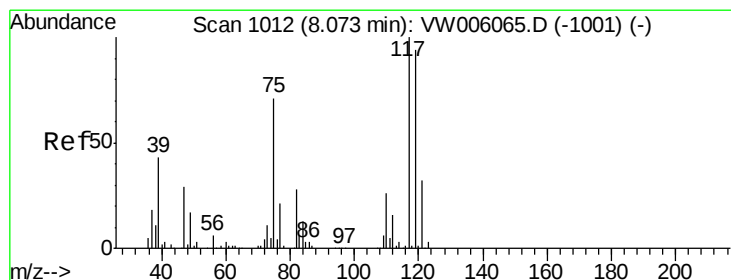
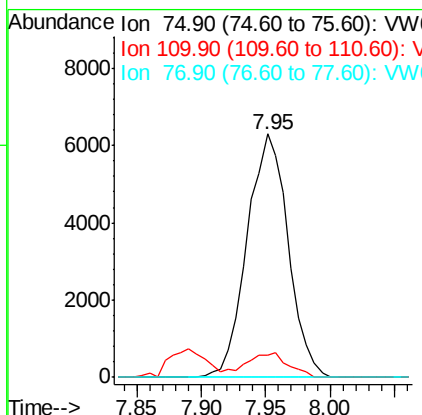
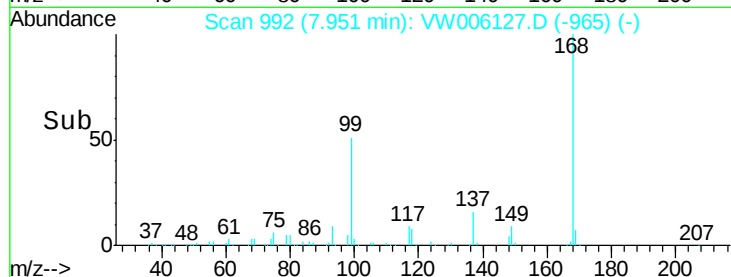
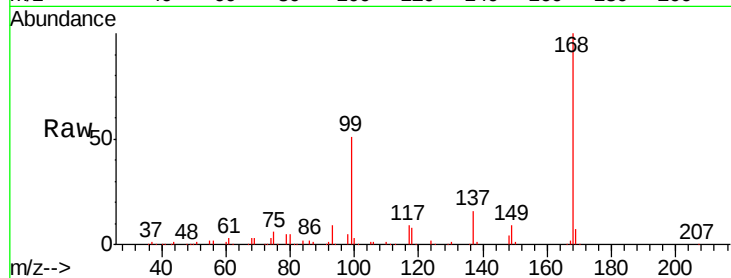




#36
 1,1-Dichloropropene
 Concen: 4.97 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006127.D
 Acq: 17 Oct 2018 15:36

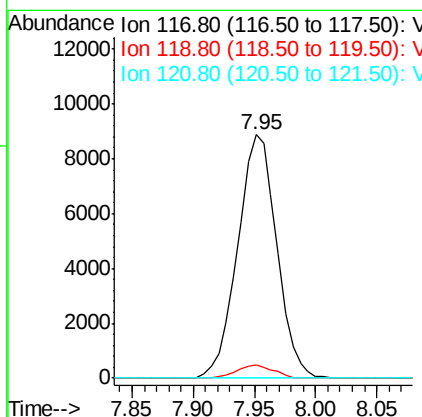
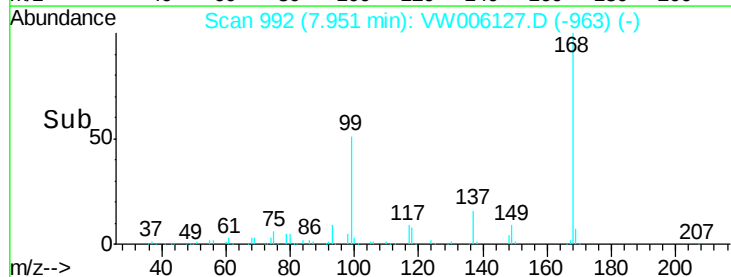
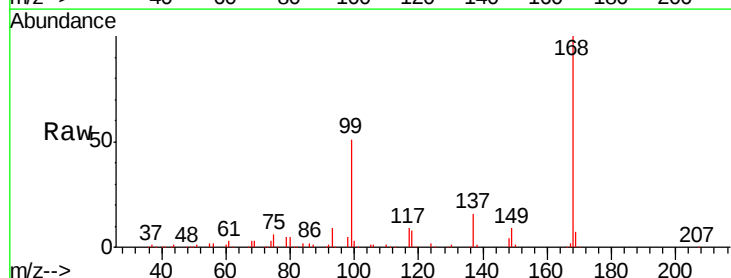
Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-4A-G-101518-3

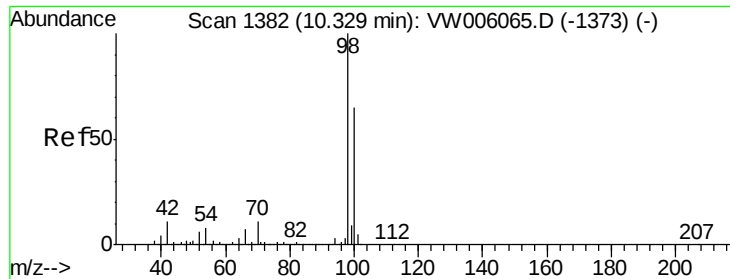
Tgt Ion: 75 Resp: 13867
 Ion Ratio Lower Upper
 75 100
 110 9.4 19.1 57.1#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.43 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006127.D
 Acq: 17 Oct 2018 15:36

Tgt Ion: 117 Resp: 19668
 Ion Ratio Lower Upper
 117 100
 119 5.3 75.2 112.8#
 121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 44.01 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006127.D

Acq: 17 Oct 2018 15:36

Instrument :

MSVOA_W

ClientSampleId :

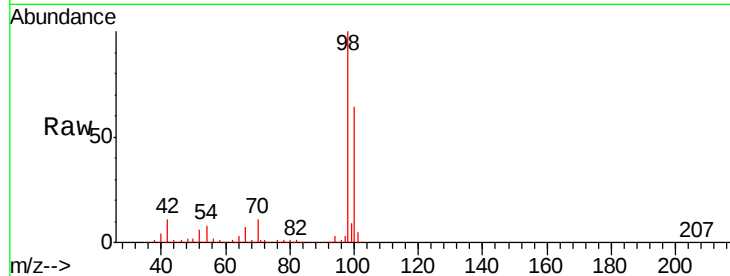
SUP-4A-G-101518-3

Tgt Ion: 98 Resp: 299502

Ion Ratio Lower Upper

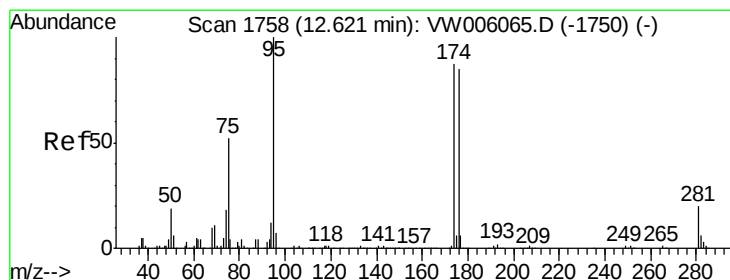
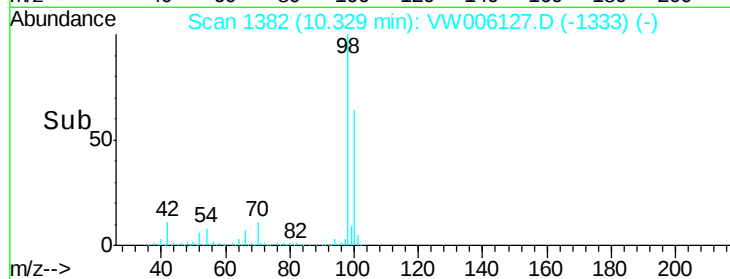
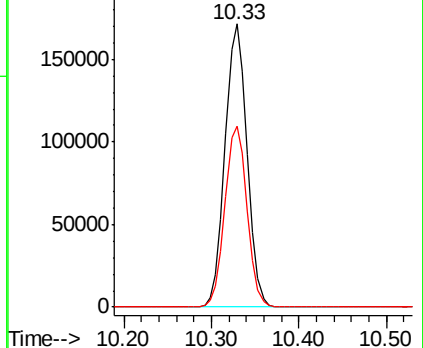
98 100

100 64.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 38.30 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006127.D

Acq: 17 Oct 2018 15:36

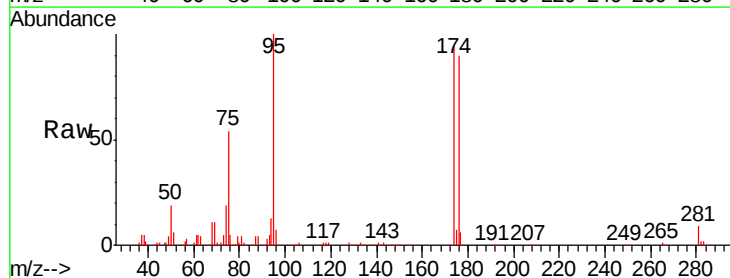
Tgt Ion: 95 Resp: 97896

Ion Ratio Lower Upper

95 100

174 95.7 0.0 186.0

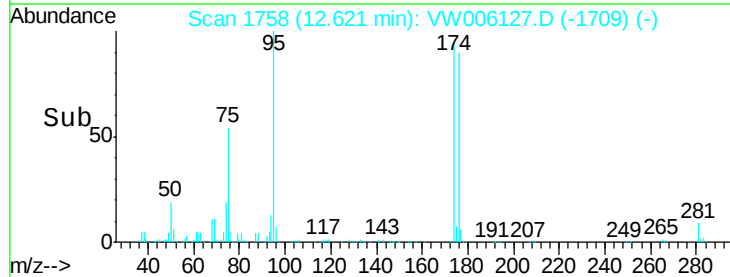
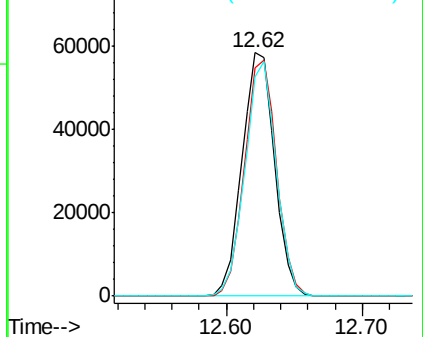
176 92.7 0.0 181.6

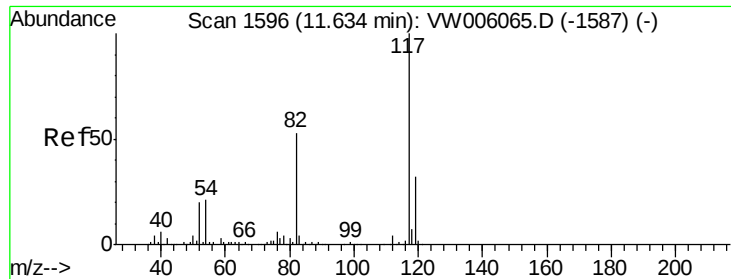


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

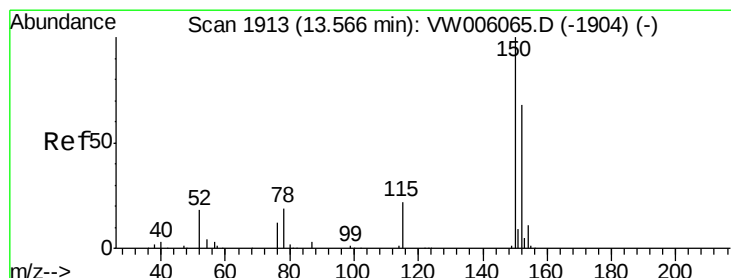
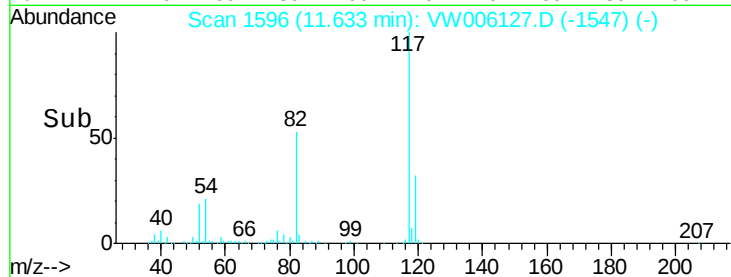
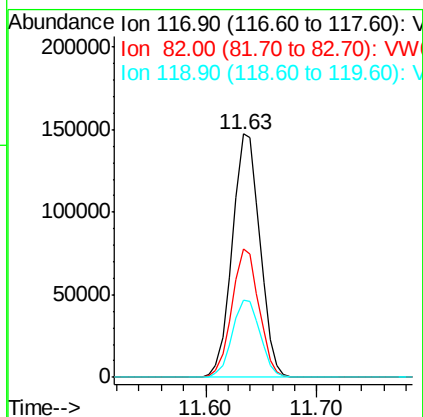
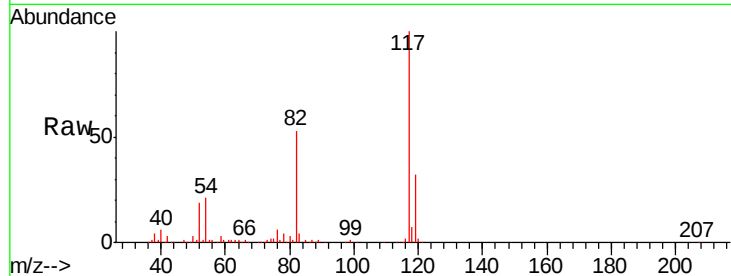




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006127.D
Acq: 17 Oct 2018 15:36

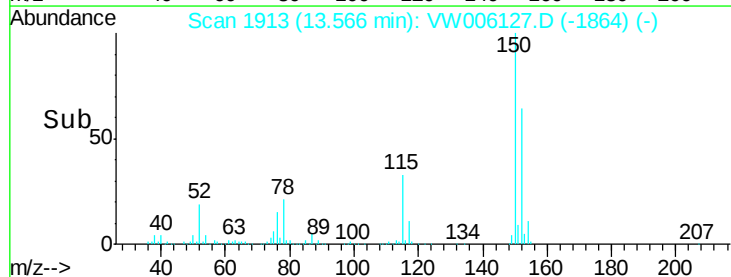
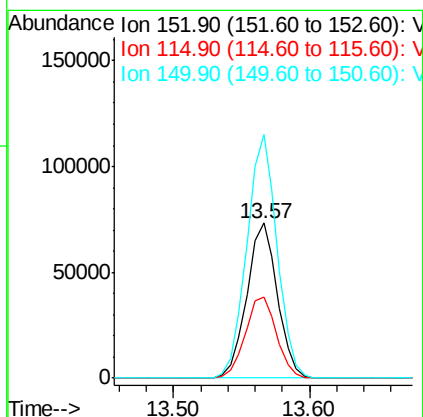
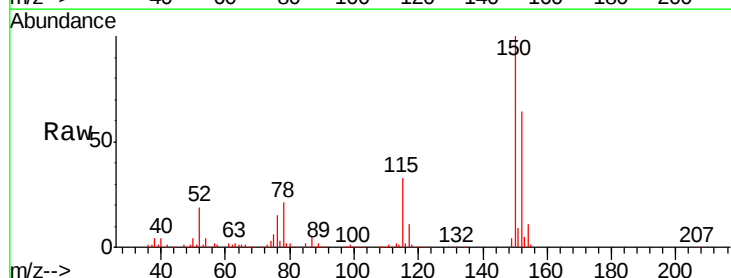
Instrument :
MSVOA_W
ClientSampleId :
SUP-4A-G-101518-3

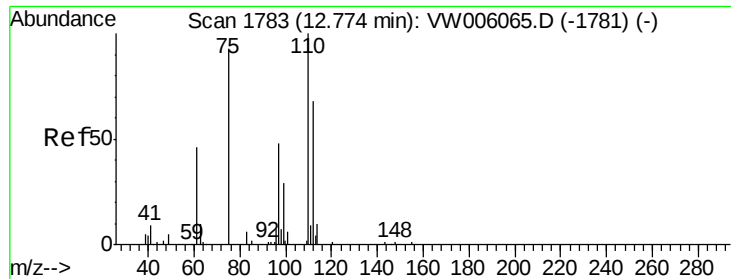
Tgt Ion:117 Resp: 253102
Ion Ratio Lower Upper
117 100
82 52.8 42.1 63.1
119 31.8 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006127.D
Acq: 17 Oct 2018 15:36

Tgt Ion:152 Resp: 115129
Ion Ratio Lower Upper
152 100
115 53.9 27.8 83.3
150 155.9 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 57.91 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006127.D

Acq: 17 Oct 2018 15:36

Instrument :

MSVOA_W

ClientSampleId :

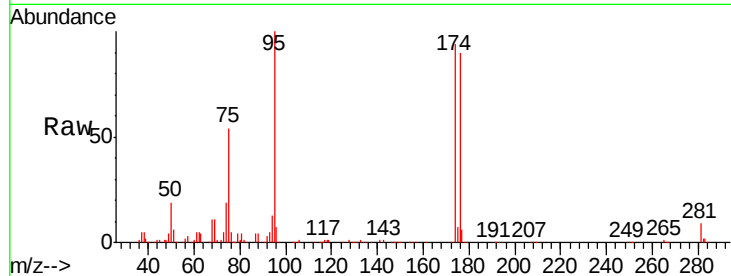
SUP-4A-G-101518-3

Tgt Ion: 75 Resp: 50920

Ion Ratio Lower Upper

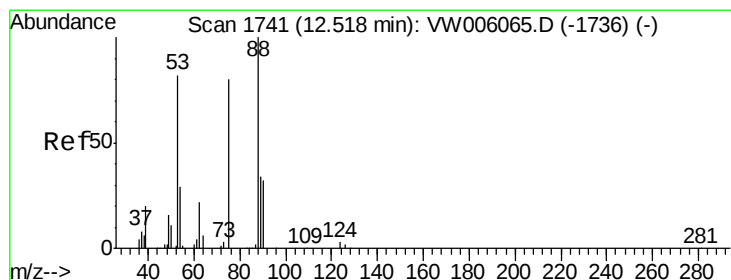
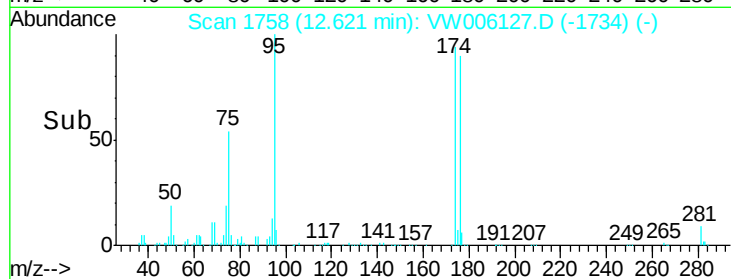
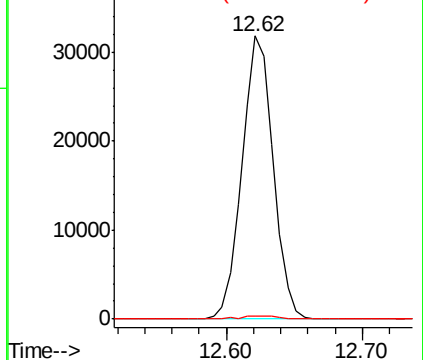
75 100

77 1.3 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: 138.42 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006127.D

Acq: 17 Oct 2018 15:36

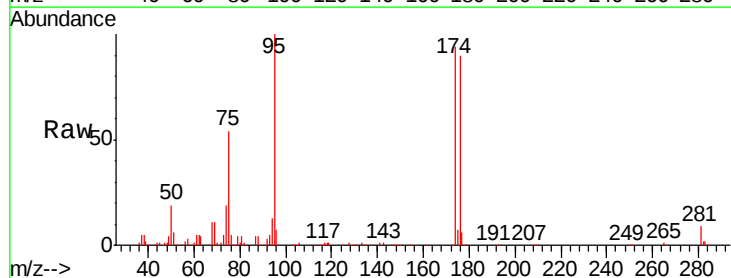
Tgt Ion: 75 Resp: 50920

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.1 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

