

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101618\
 Data File : VW006083.D
 Acq On : 16 Oct 2018 17:10
 Operator : VA/AP
 Sample : J5526-05
 Misc : 7.06G/5ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-4B-G-101518-5

Quant Time: Oct 16 17:52:29 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	284302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	411279	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	360871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	172684	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	107926	45.79	ug/l	0.00
Spiked Amount			Recovery	=	91.58%	
35) Dibromofluoromethane	7.89	113	109503	45.06	ug/l	0.00
Spiked Amount			Recovery	=	90.12%	
50) Toluene-d8	10.33	98	395644	42.79	ug/l	0.00
Spiked Amount			Recovery	=	85.58%	
62) 4-Bromofluorobenzene	12.62	95	137099	39.48	ug/l	0.00
Spiked Amount			Recovery	=	78.96%	

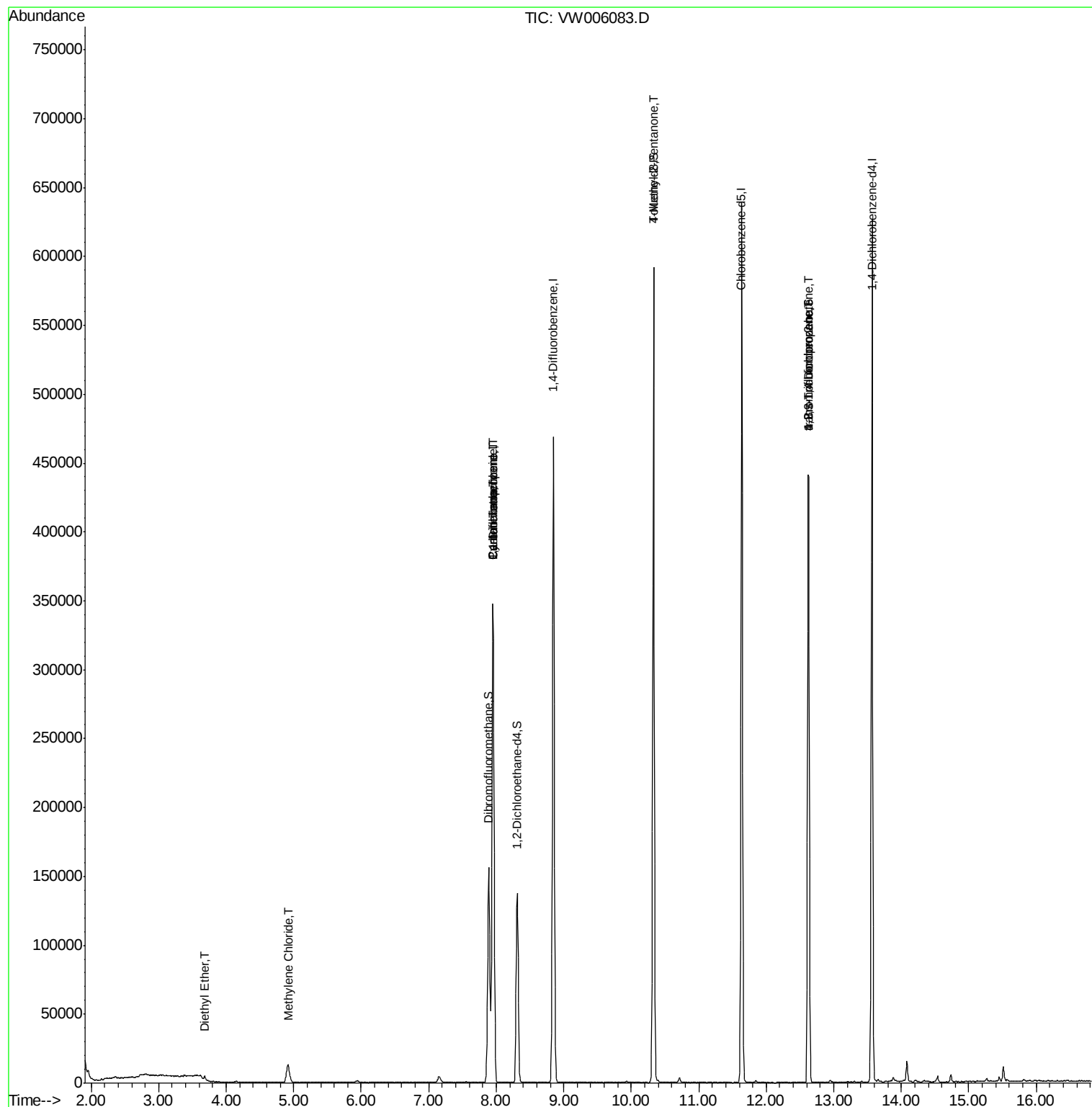
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	1787	1.40	ug/l	58
16) Acetone	4.14	43	699	Below Cal	#	82
20) Methylene Chloride	4.92	84	10437	2.64	ug/l	96
31) Cyclohexane	7.95	56	5350	1.24	ug/l	# 10
36) 1,1-Dichloropropene	7.95	75	18325	4.83	ug/l	# 48
38) Carbon Tetrachloride	7.95	117	25561	6.15	ug/l	# 16
51) 4-Methyl-2-Pentanone	10.33	43	1823	1.26	ug/l	# 1
76) 1,2,3-Trichloropropane	12.62	75	71009	53.84	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.62	75	71009	128.69	ug/l	# 10

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

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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: VW006083.D

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Instrument :

MSVOA_W

ClientSampleId :

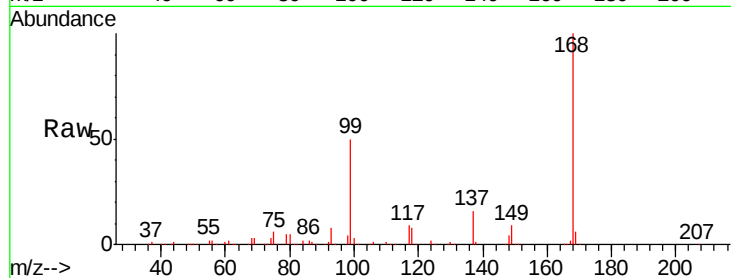
SUP-4B-G-101518-5

Tgt Ion:168 Resp: 284302

Ion Ratio Lower Upper

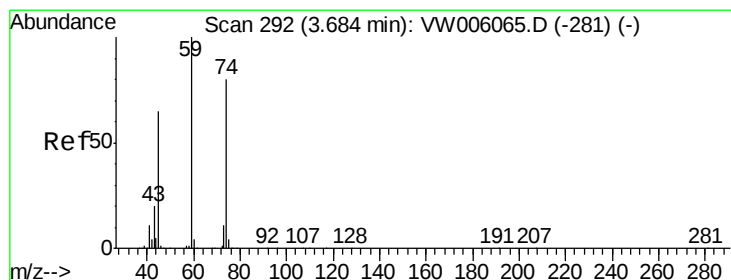
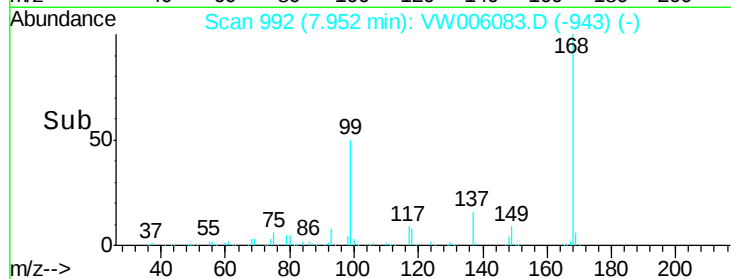
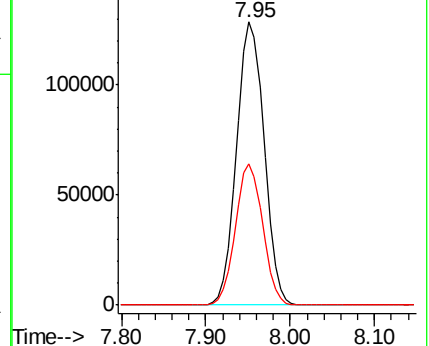
168 100

99 50.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.40 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006083.D

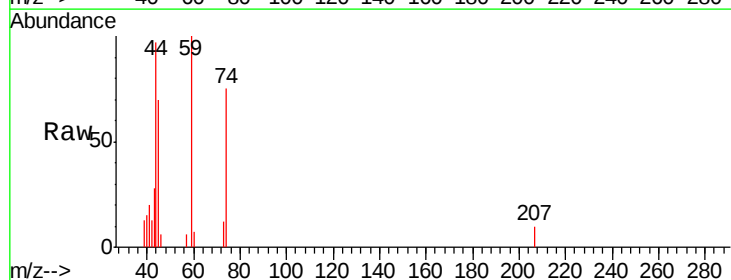
Acq: 16 Oct 2018 17:10

Tgt Ion: 74 Resp: 1787

Ion Ratio Lower Upper

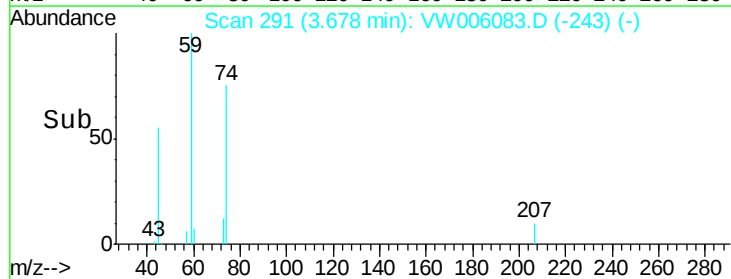
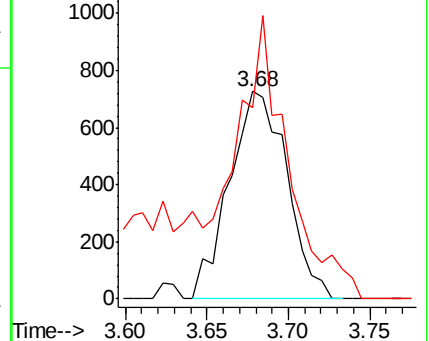
74 100

45 123.7 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: Below Cal

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006083.D

Acq: 16 Oct 2018 17:10

Instrument :

MSVOA_W

ClientSampleId :

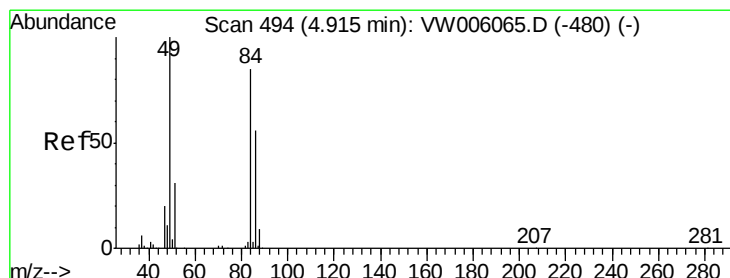
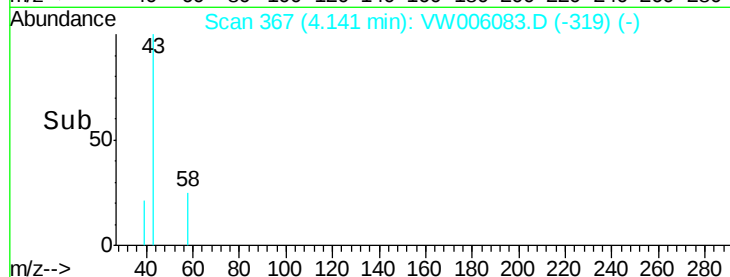
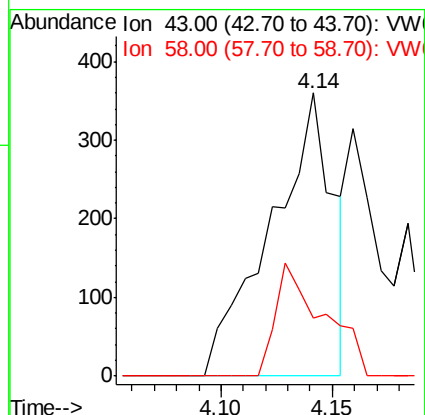
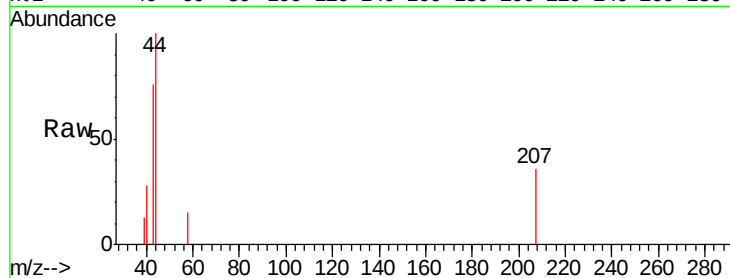
SUP-4B-G-101518-5

Tgt Ion: 43 Resp: 699

Ion Ratio Lower Upper

43 100

58 20.3 24.0 36.0#



#20

Methylene Chloride

Concen: 2.64 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006083.D

Acq: 16 Oct 2018 17:10

Tgt Ion: 84 Resp: 10437

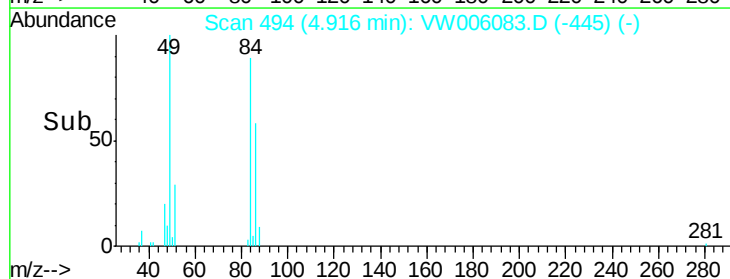
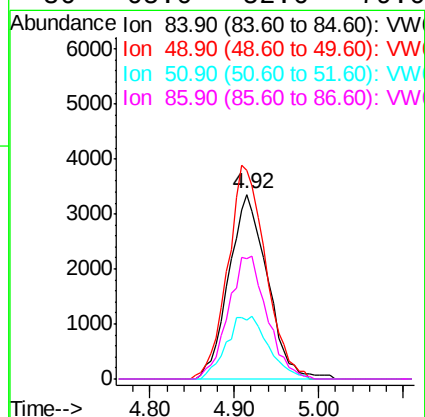
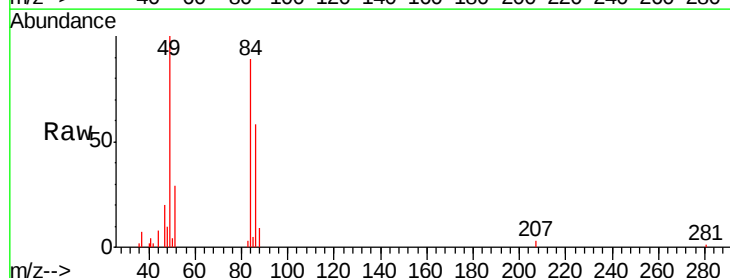
Ion Ratio Lower Upper

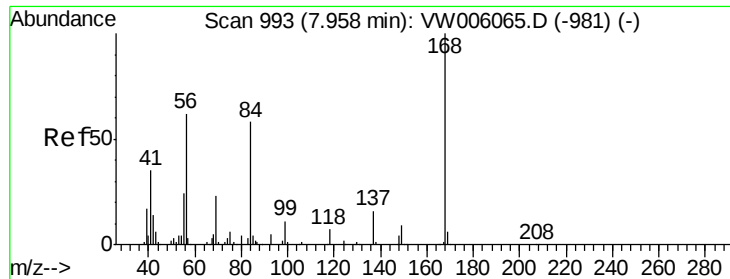
84 100

49 112.6 93.6 140.4

51 32.2 29.0 43.4

86 65.0 52.6 79.0

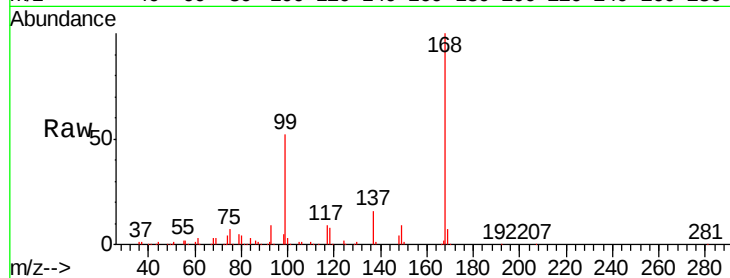




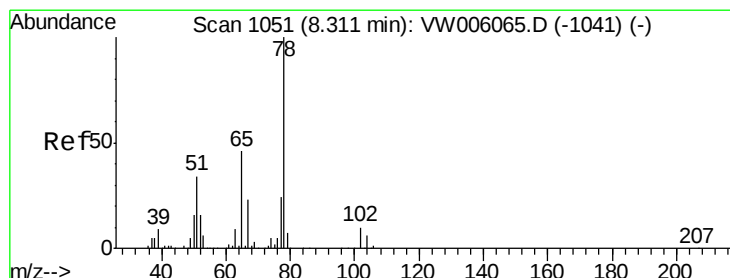
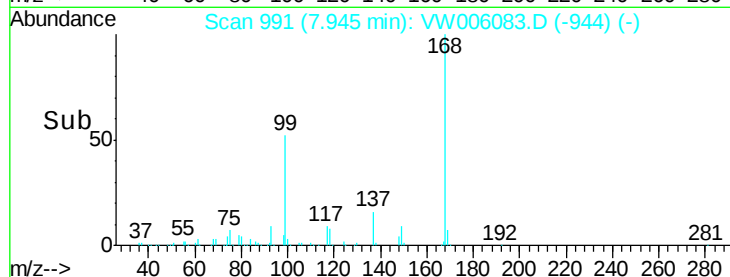
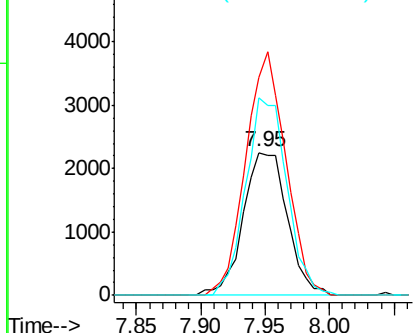
#31
Cyclohexane
Concen: 1.24 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006083.D
Acq: 16 Oct 2018 17:10

Instrument :
MSVOA_W
ClientSampleId :
SUP-4B-G-101518-5

Tgt Ion: 56 Resp: 5350
Ion Ratio Lower Upper
56 100
69 152.7 29.4 44.0#
84 138.6 74.0 111.0#

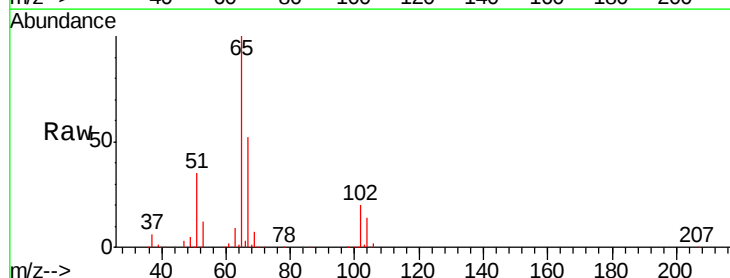


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

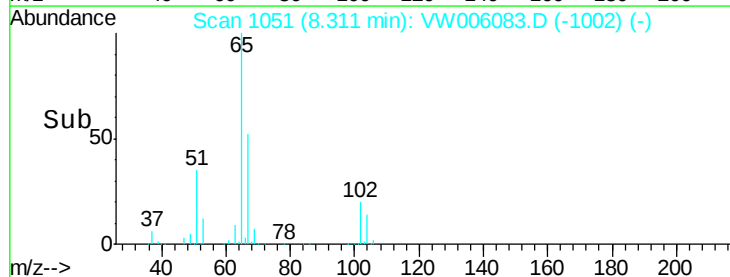
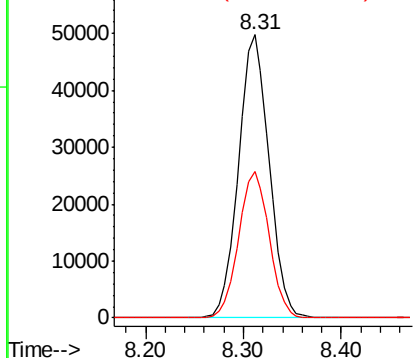


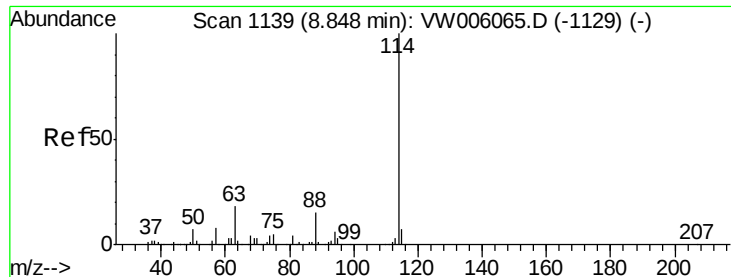
#33
1,2-Dichloroethane-d4
Concen: 45.79 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006083.D
Acq: 16 Oct 2018 17:10

Tgt Ion: 65 Resp: 107926
Ion Ratio Lower Upper
65 100
67 51.6 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

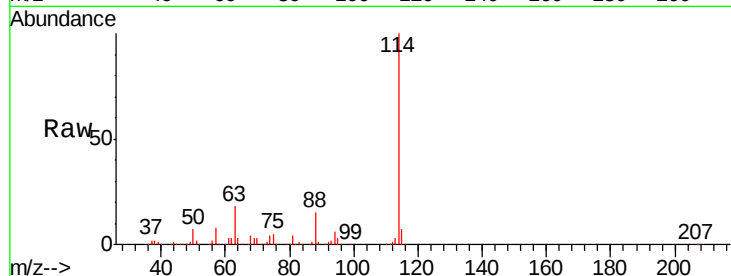




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006083.D
 Acq: 16 Oct 2018 17:10

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-4B-G-101518-5

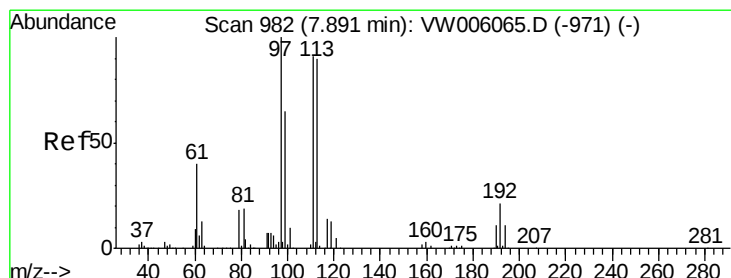
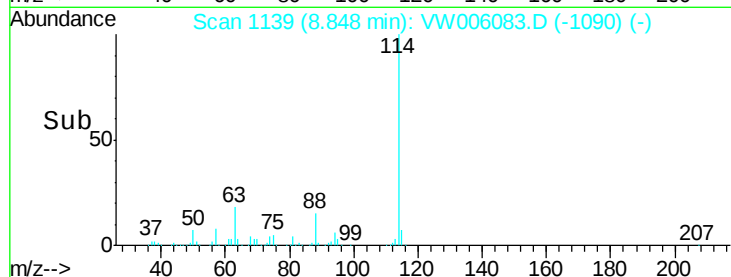
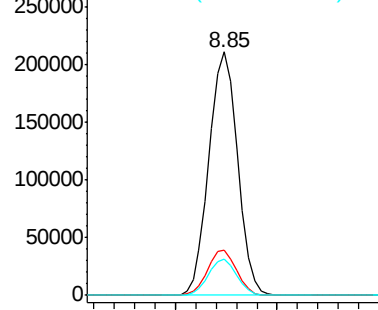
Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	36.8
88	15.0	0.0	29.0



Abundance Ion 113.90 (113.60 to 114.60): V

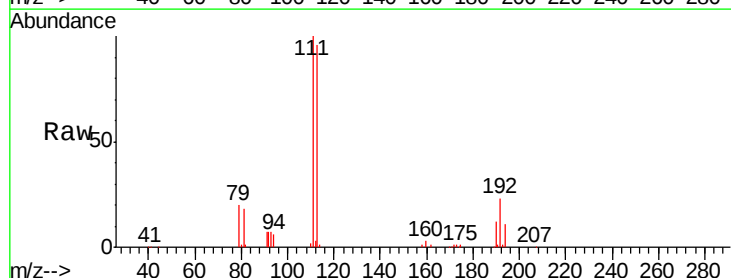
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 45.06 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006083.D
 Acq: 16 Oct 2018 17:10

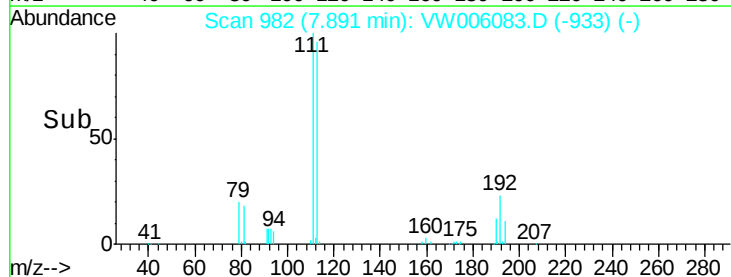
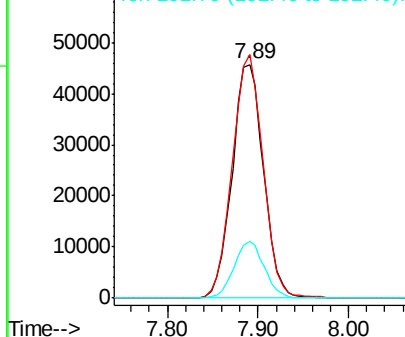
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.4	122.0
192	23.2	18.7	28.1

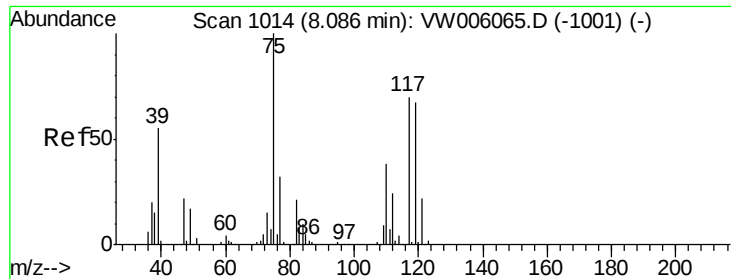


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

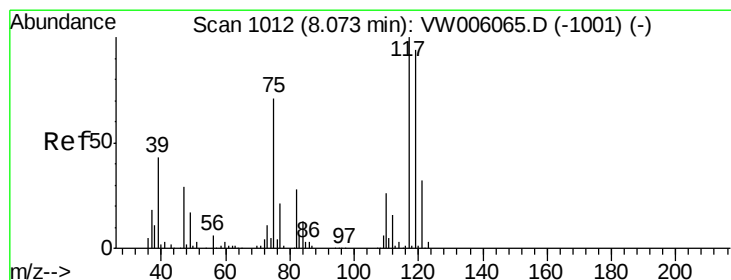
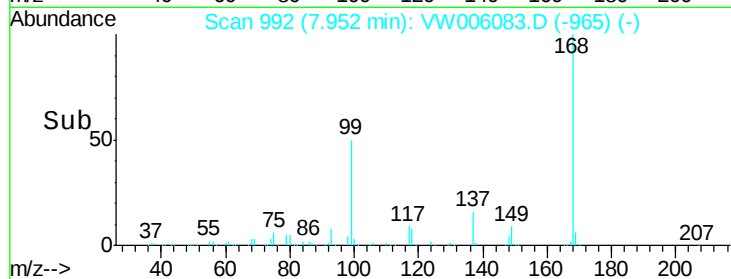
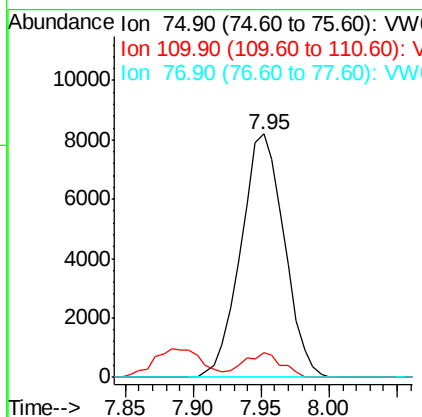
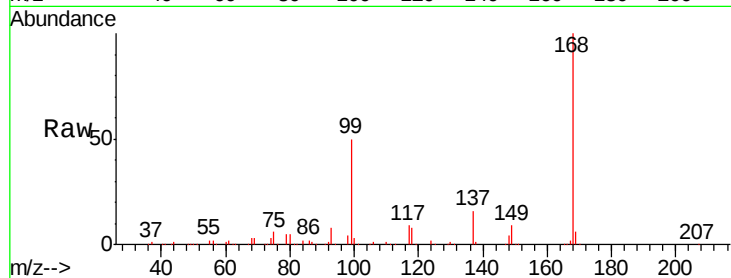




#36
 1,1-Dichloropropene
 Concen: 4.83 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006083.D
 Acq: 16 Oct 2018 17:10

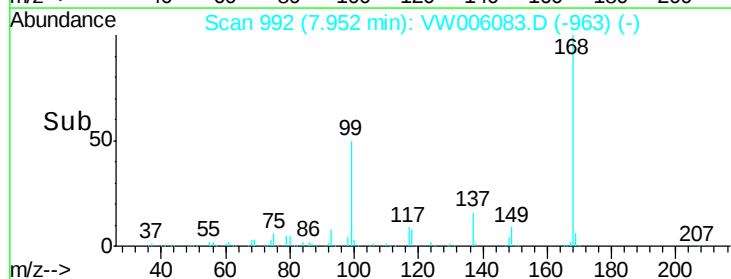
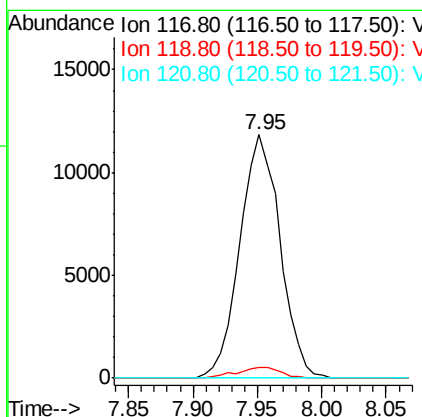
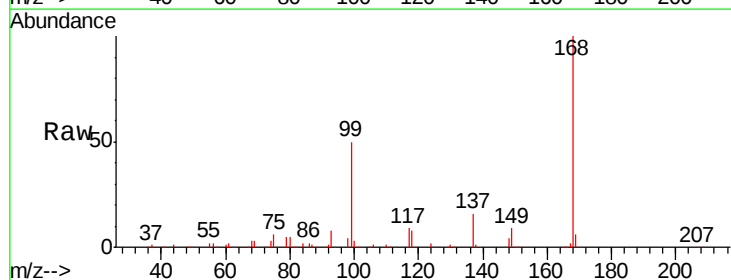
Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-4B-G-101518-5

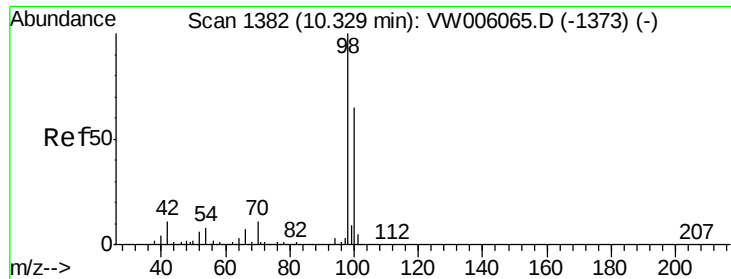
Tgt Ion: 75 Resp: 18325
 Ion Ratio Lower Upper
 75 100
 110 8.8 19.1 57.1#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.15 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006083.D
 Acq: 16 Oct 2018 17:10

Tgt Ion: 117 Resp: 25561
 Ion Ratio Lower Upper
 117 100
 119 4.6 75.2 112.8#
 121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 42.79 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006083.D

Acq: 16 Oct 2018 17:10

Instrument :

MSVOA_W

ClientSampleId :

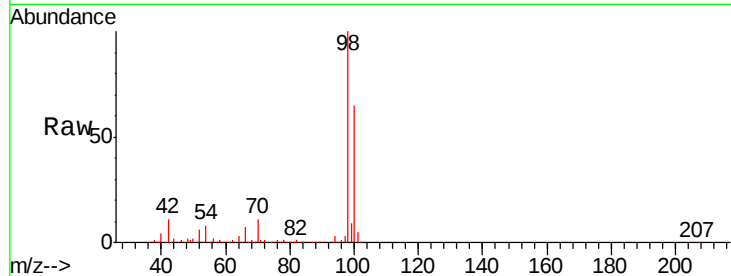
SUP-4B-G-101518-5

Tgt Ion: 98 Resp: 395644

Ion Ratio Lower Upper

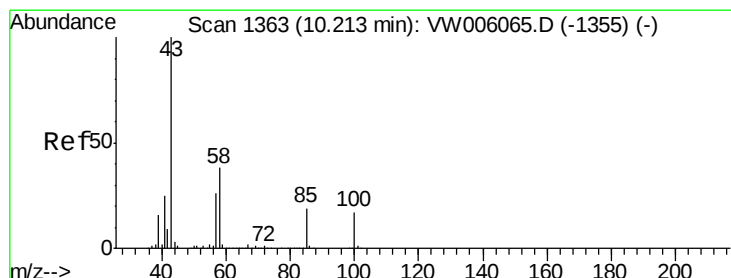
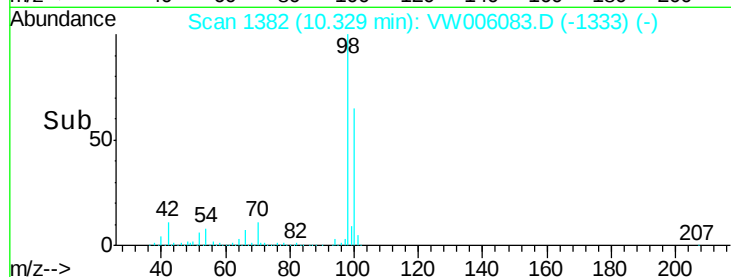
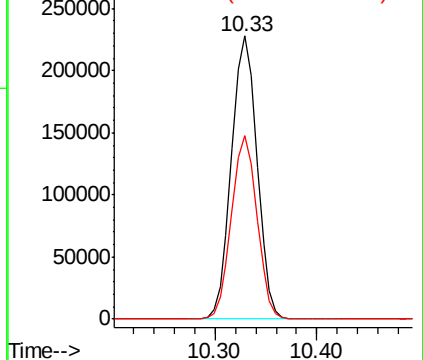
98 100

100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 1.26 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.12 min

Lab File: VW006083.D

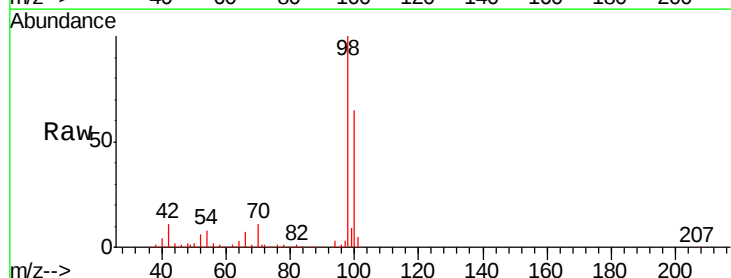
Acq: 16 Oct 2018 17:10

Tgt Ion: 43 Resp: 1823

Ion Ratio Lower Upper

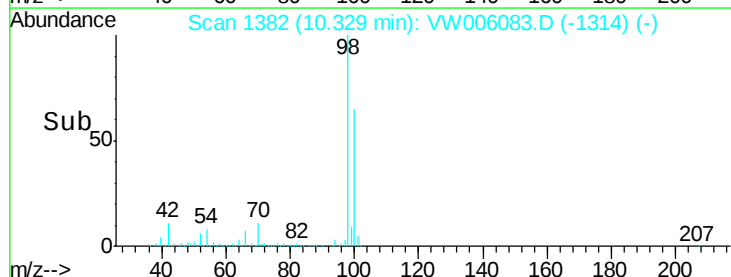
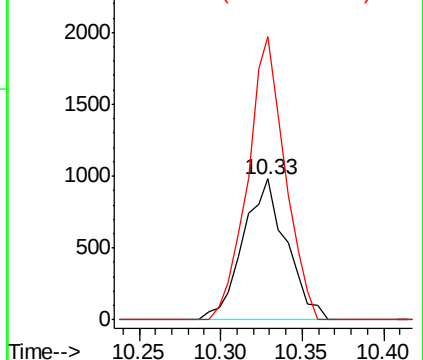
43 100

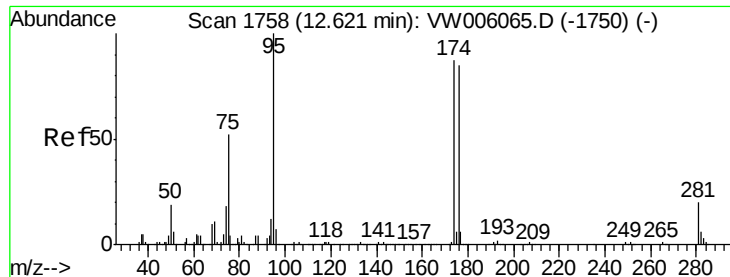
58 173.2 31.5 47.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

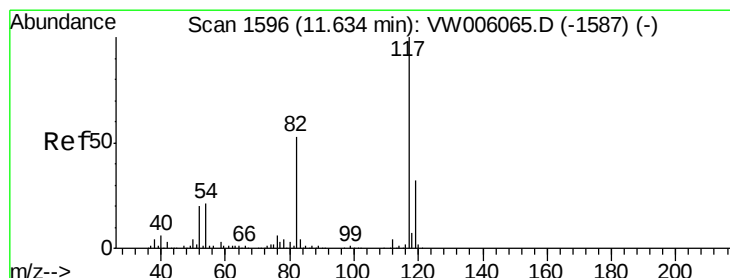
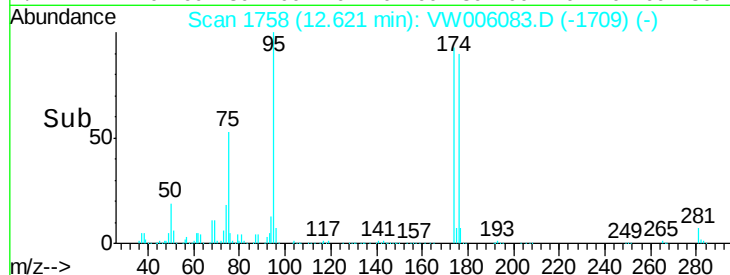
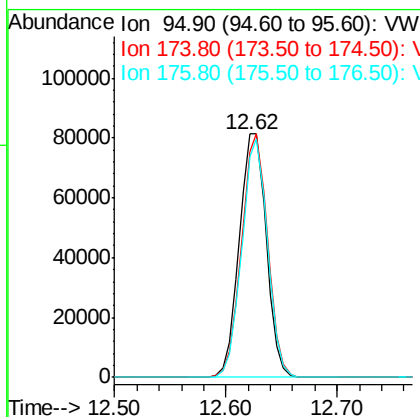
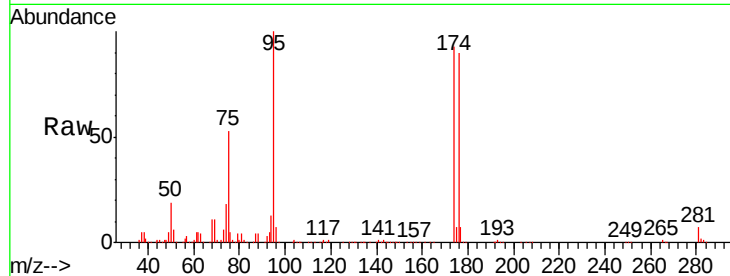




#62
4-Bromofluorobenzene
Concen: 39.48 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006083.D
Acq: 16 Oct 2018 17:10

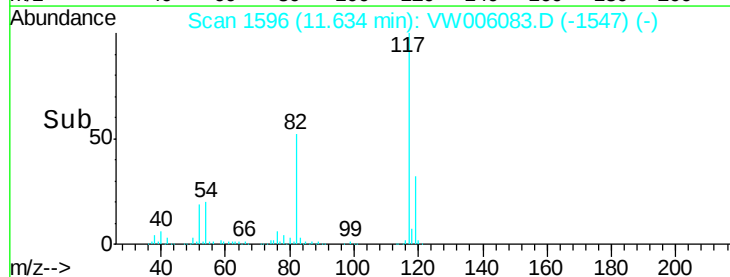
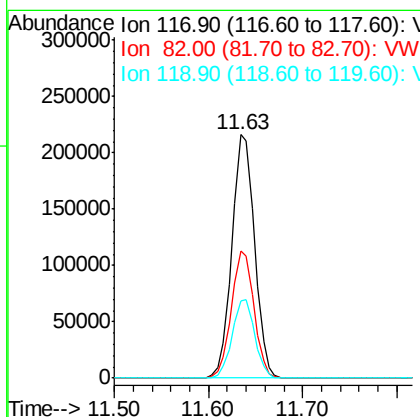
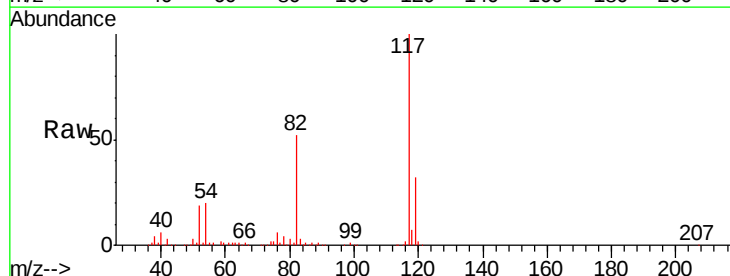
Instrument :
MSVOA_W
ClientSampleId :
SUP-4B-G-101518-5

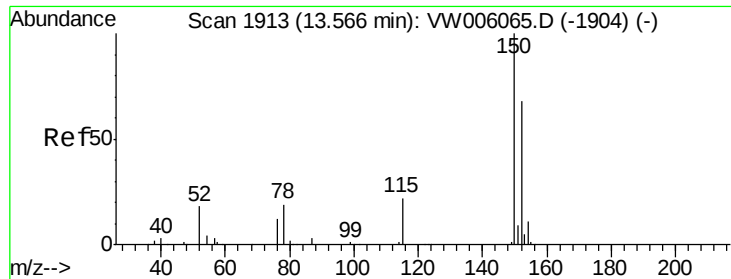
Tgt Ion: 95 Resp: 137099
Ion Ratio Lower Upper
95 100
174 96.2 0.0 186.0
176 93.0 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006083.D
Acq: 16 Oct 2018 17:10

Tgt Ion: 117 Resp: 360871
Ion Ratio Lower Upper
117 100
82 52.1 42.1 63.1
119 31.6 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: VW006083.D

Acq: 16 Oct 2018 17:10

Instrument :

MSVOA_W

ClientSampleId :

SUP-4B-G-101518-5

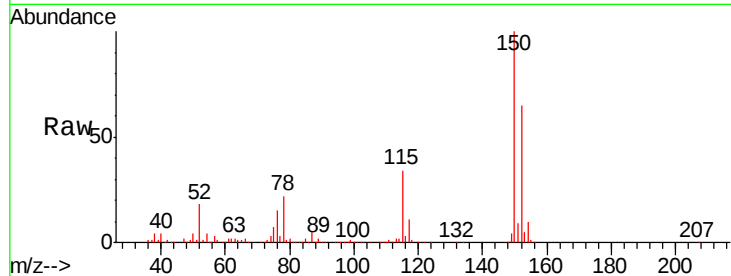
Tgt Ion:152 Resp: 172684

Ion Ratio Lower Upper

152 100

115 54.3 27.8 83.3

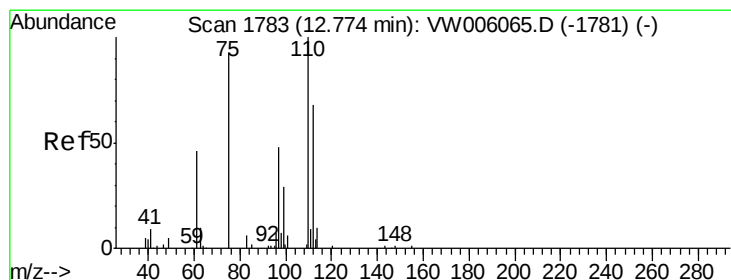
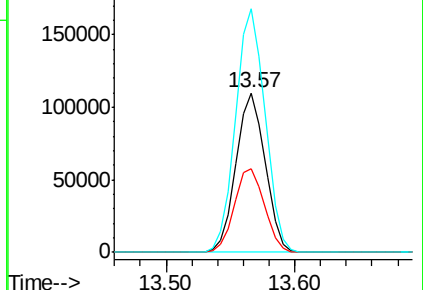
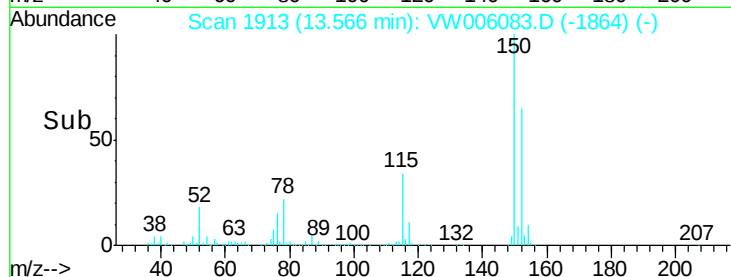
150 154.9 0.0 349.2



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: 53.84 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006083.D

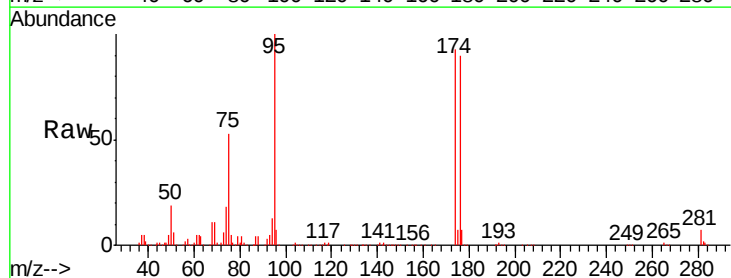
Acq: 16 Oct 2018 17:10

Tgt Ion: 75 Resp: 71009

Ion Ratio Lower Upper

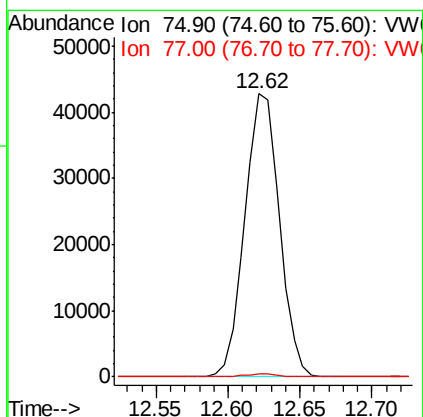
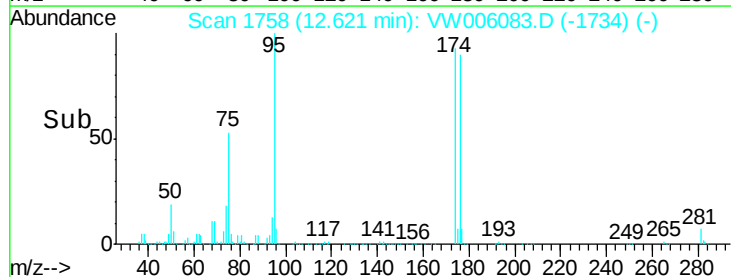
75 100

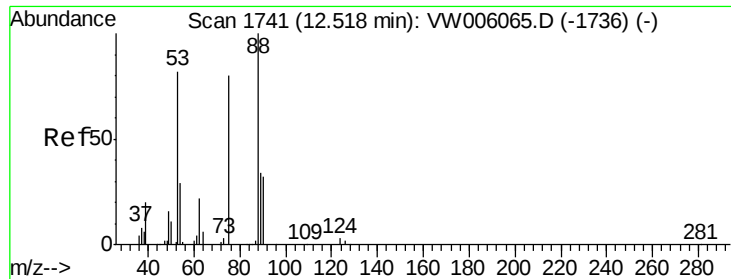
77 1.1 0.0 0.0#



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: 128.69 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006083.D

Acq: 16 Oct 2018 17:10

Instrument :

MSVOA_W

ClientSampleId :

SUP-4B-G-101518-5

Tgt Ion: 75 Resp: 71009

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#

