

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103118\
 Data File : VW006501.D
 Acq On : 30 Oct 2018 15:00
 Operator : SY/AP
 Sample : J5691-02RE
 Misc : 6.18G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-11

Quant Time: Oct 30 17:13:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	184245	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	260602	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	239934	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	134330	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	72926	47.74	ug/l	0.00
Spiked Amount			Recovery	=	95.48%	
35) Dibromofluoromethane	7.88	113	72943	47.37	ug/l	0.00
Spiked Amount			Recovery	=	94.74%	
50) Toluene-d8	10.32	98	291065	49.68	ug/l	0.00
Spiked Amount			Recovery	=	99.36%	
62) 4-Bromofluorobenzene	12.62	95	110640	50.28	ug/l	0.00
Spiked Amount			Recovery	=	100.56%	

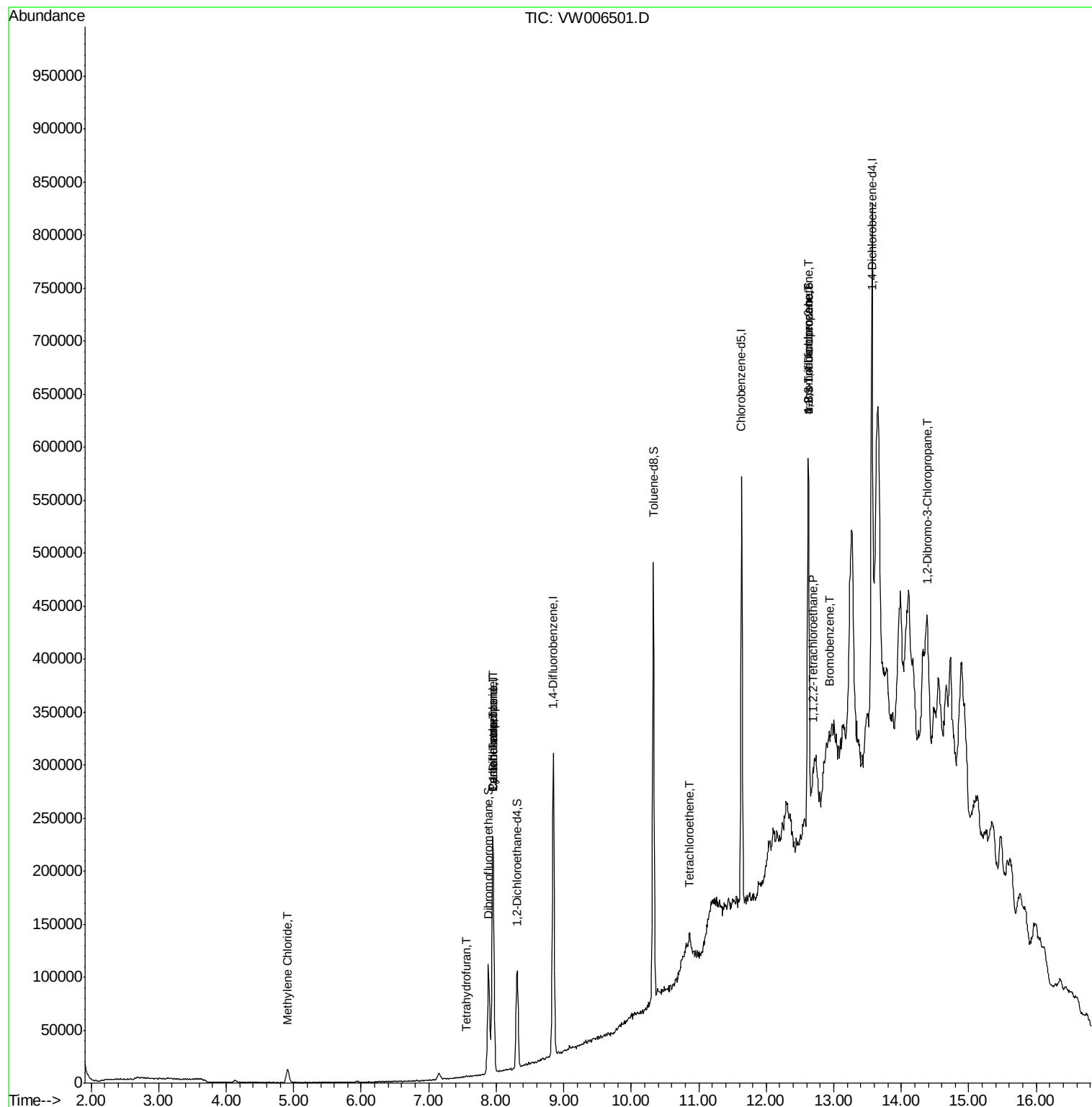
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	3526	Below Cal	#	83
20) Methylene Chloride	4.91	84	10434	4.99	ug/l	93
29) Tetrahydrofuran	7.55	42	335	1.32	ug/l #	41
31) Cyclohexane	7.95	56	3283	1.17	ug/l #	5
36) 1,1-Dichloropropene	7.95	75	11401	4.75	ug/l #	53
38) Carbon Tetrachloride	7.95	117	16220	6.16	ug/l #	17
64) Tetrachloroethene	10.87	164	3072	1.65	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.69	83	2849	1.97	ug/l #	42
76) 1,2,3-Trichloropropane	12.62	75	50115	48.84	ug/l #	100
77) Bromobenzene	12.93	156	6073	2.61	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	50115	116.76	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	14.40	75	342	1.32	ug/l	58

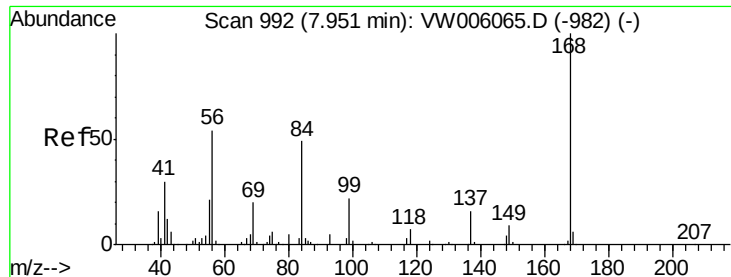
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW103118\
Data File : VW006501.D
Acq On : 30 Oct 2018 15:00
Operator : SY/AP
Sample : J5691-02RE
Misc : 6.18G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-11

Quant Time: Oct 30 17:13:41 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 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: VW006501.D

Acq: 30 Oct 2018 15:00

Instrument :

MSVOA_W

ClientSampleID :

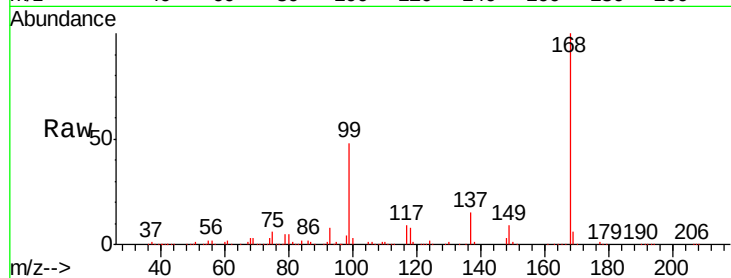
SB-11

Tgt Ion:168 Resp: 184245

Ion Ratio Lower Upper

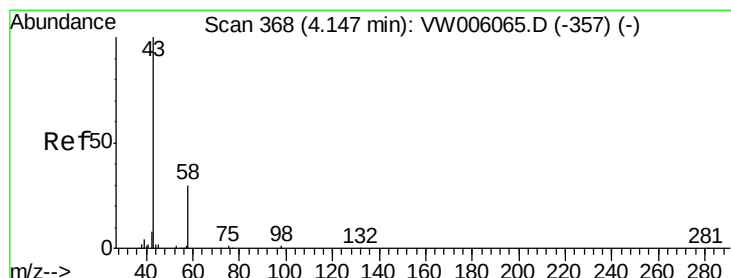
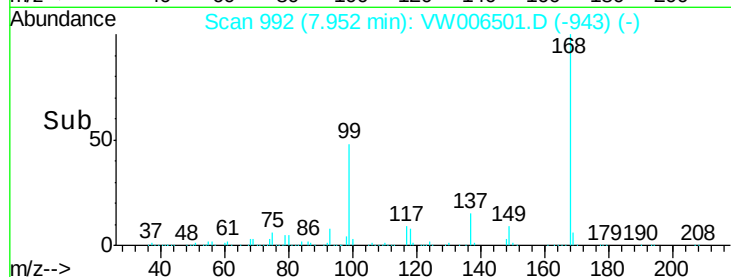
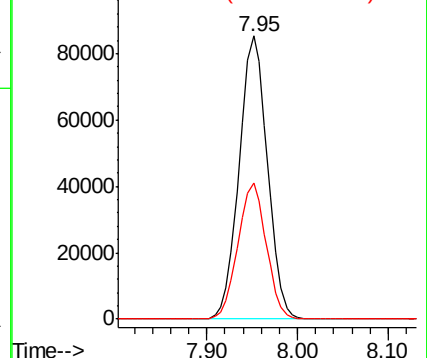
168 100

99 48.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: Below Cal

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006501.D

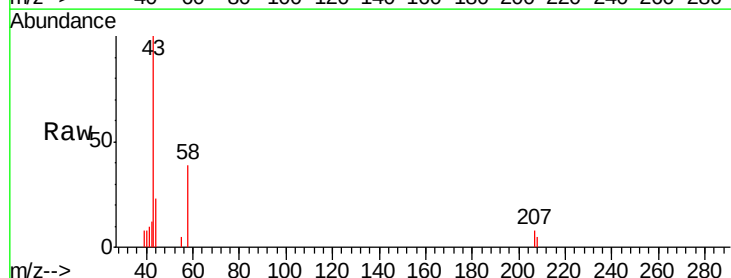
Acq: 30 Oct 2018 15:00

Tgt Ion: 43 Resp: 3526

Ion Ratio Lower Upper

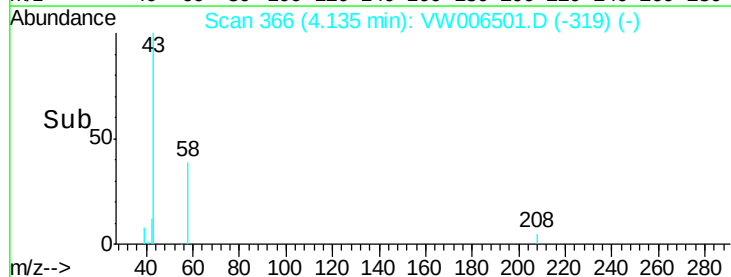
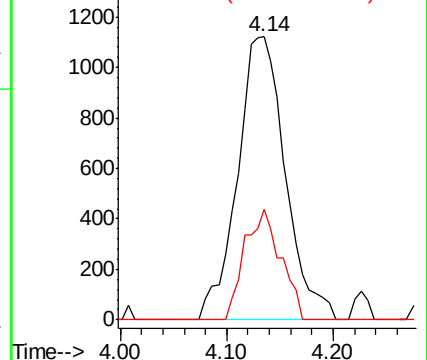
43 100

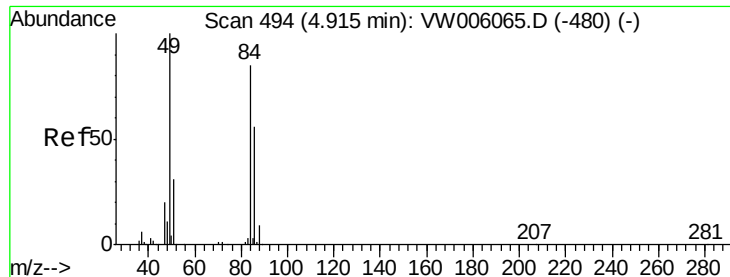
58 38.9 24.0 36.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

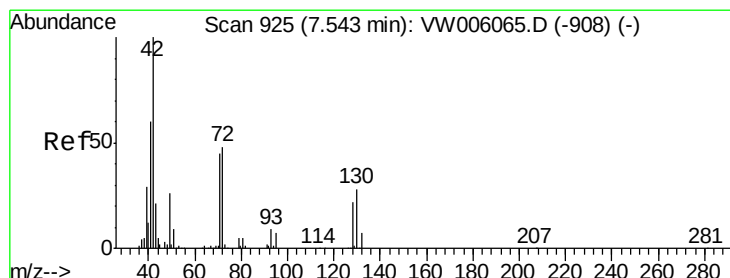
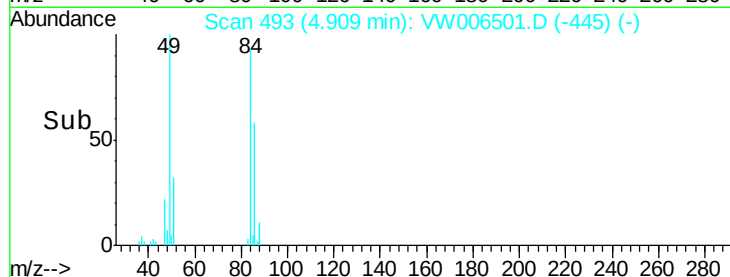
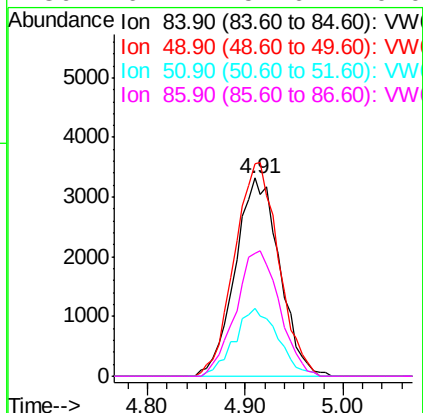
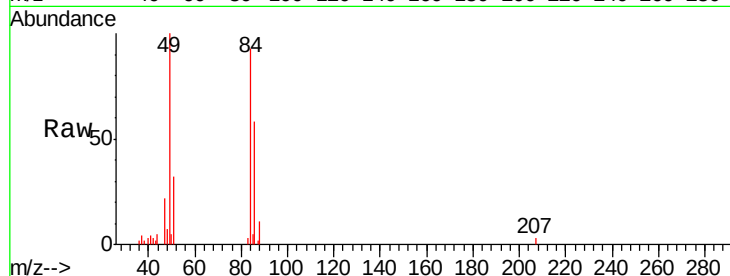




#20
Methylene Chloride
Concen: 4.99 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006501.D
Acq: 30 Oct 2018 15:00

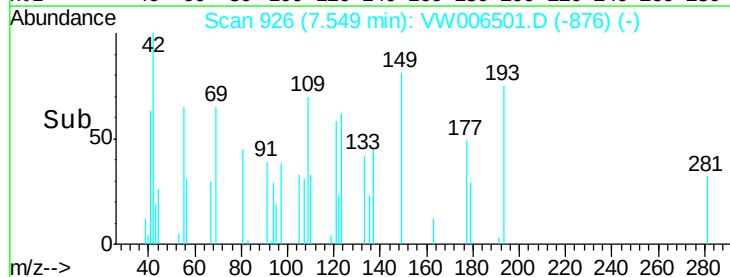
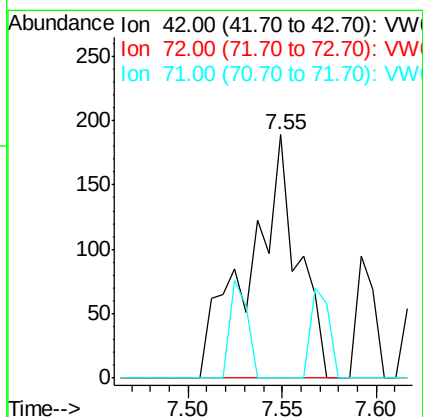
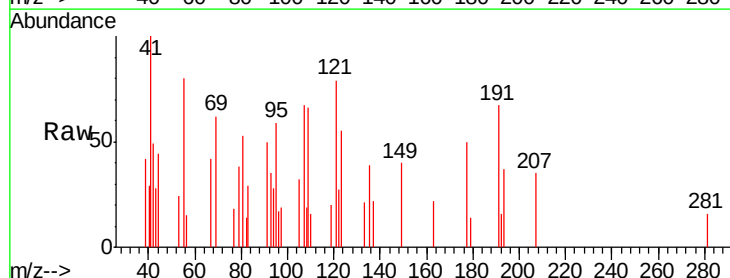
Instrument :
MSVOA_W
ClientSampled :
SB-11

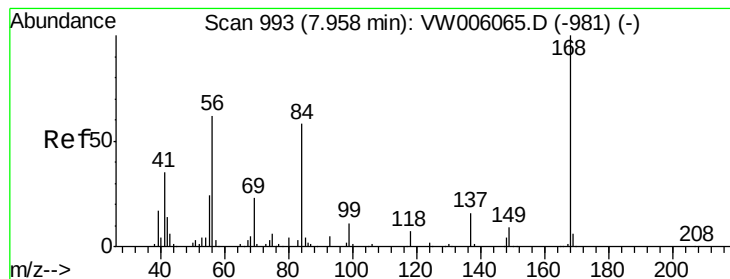
Tgt Ion: 84 Resp: 10434
Ion Ratio Lower Upper
84 100
49 107.4 93.6 140.4
51 34.1 29.0 43.4
86 62.1 52.6 79.0



#29
Tetrahydrofuran
Concen: 1.32 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.01 min
Lab File: VW006501.D
Acq: 30 Oct 2018 15:00

Tgt Ion: 42 Resp: 335
Ion Ratio Lower Upper
42 100
72 0.0 38.0 57.0#
71 14.0 35.3 52.9#





#31

Cyclohexane

Concen: 1.17 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006501.D

Acq: 30 Oct 2018 15:00

Instrument :

MSVOA_W

ClientSampled :

SB-11

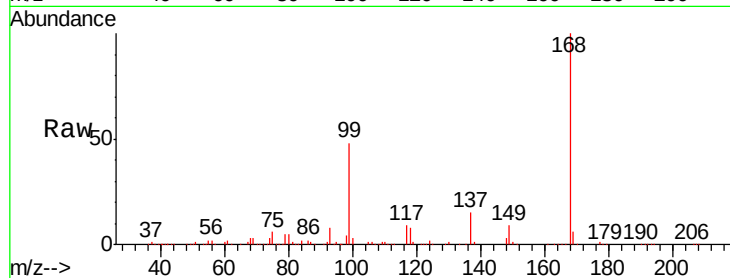
Tgt Ion: 56 Resp: 3283

Ion Ratio Lower Upper

56 100

69 169.2 29.4 44.0#

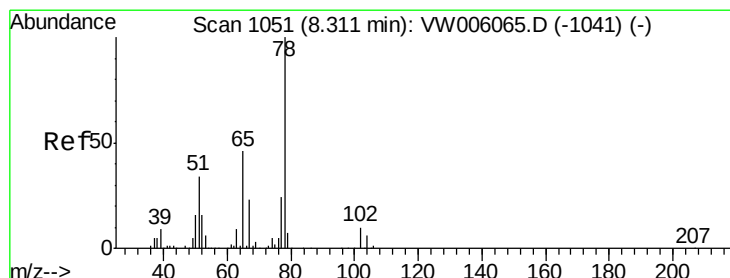
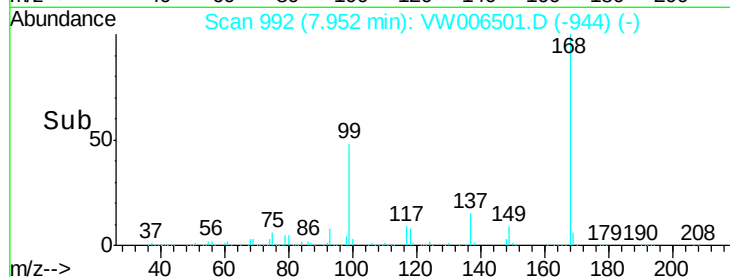
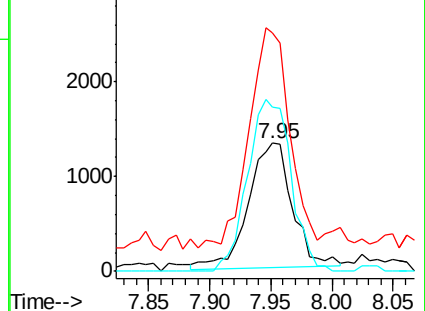
84 135.2 74.0 111.0#



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: 47.74 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006501.D

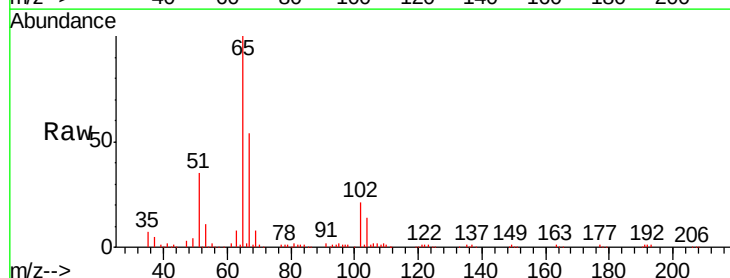
Acq: 30 Oct 2018 15:00

Tgt Ion: 65 Resp: 72926

Ion Ratio Lower Upper

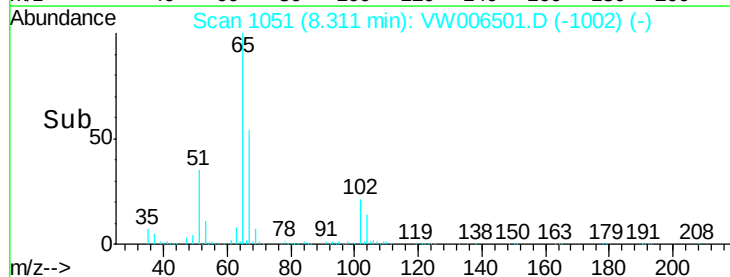
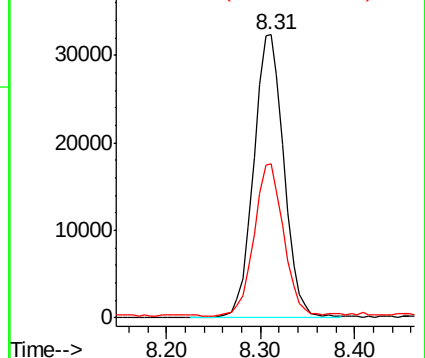
65 100

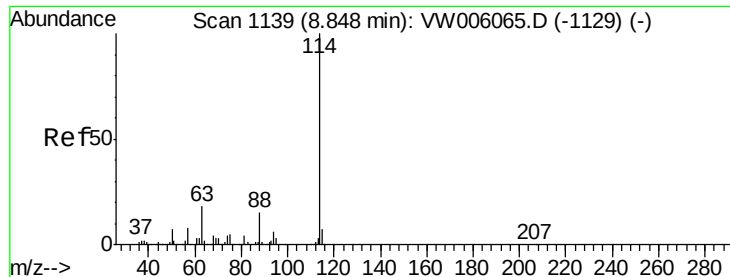
67 52.2 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

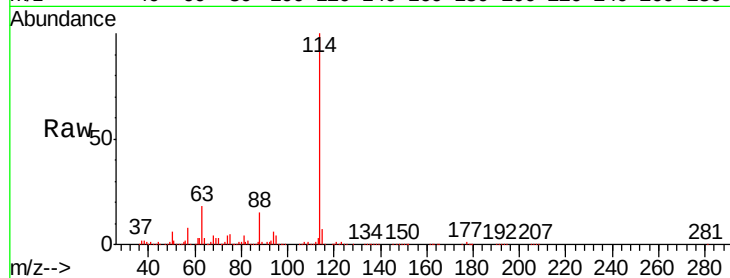




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006501.D
 Acq: 30 Oct 2018 15:00

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-11

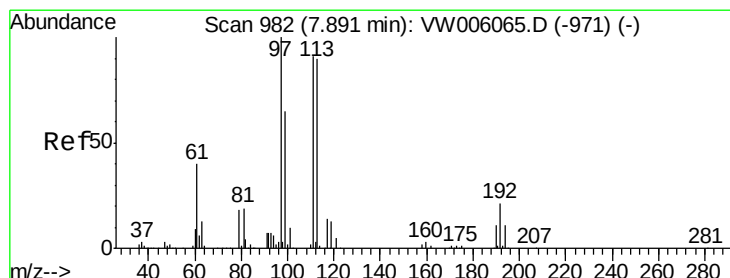
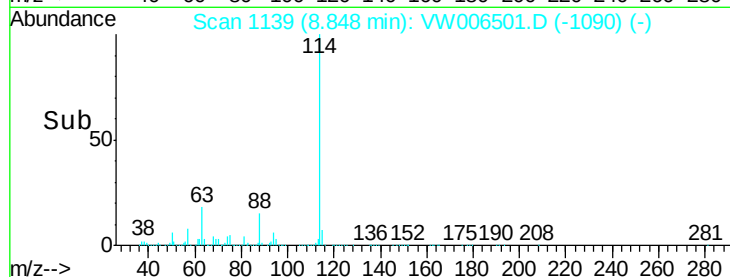
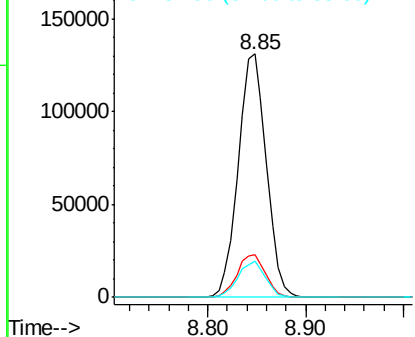
Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	36.8
88	14.7	0.0	29.0



Abundance Ion 113.90 (113.60 to 114.60): V

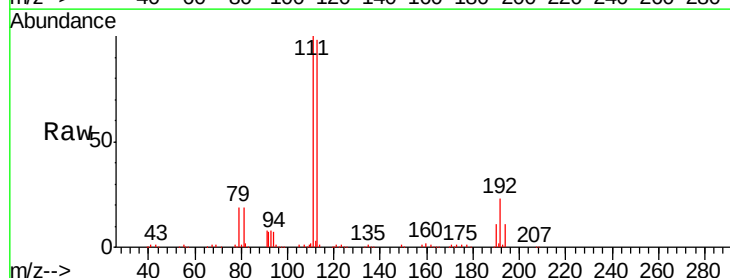
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 47.37 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006501.D
 Acq: 30 Oct 2018 15:00

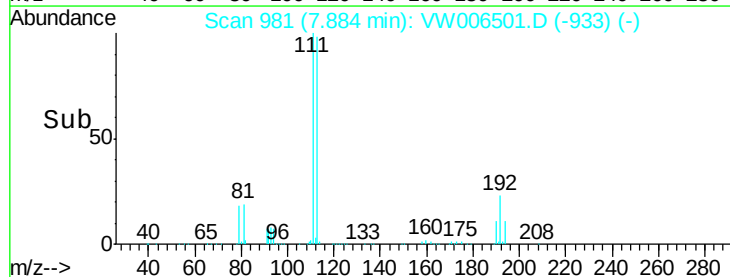
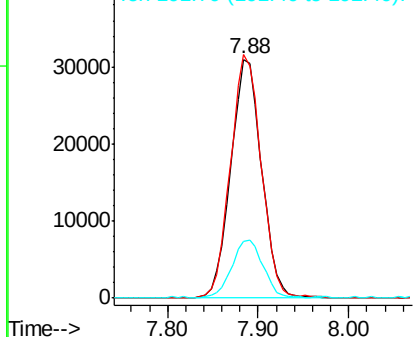
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.4	122.0
192	24.0	18.7	28.1

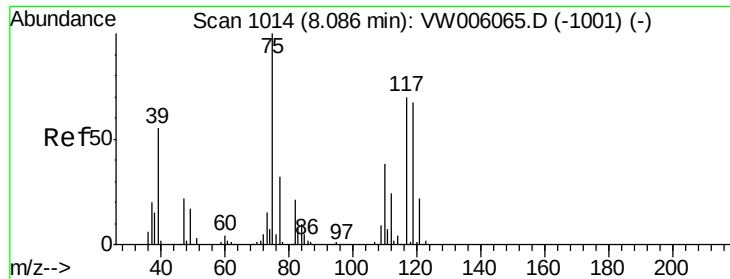


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

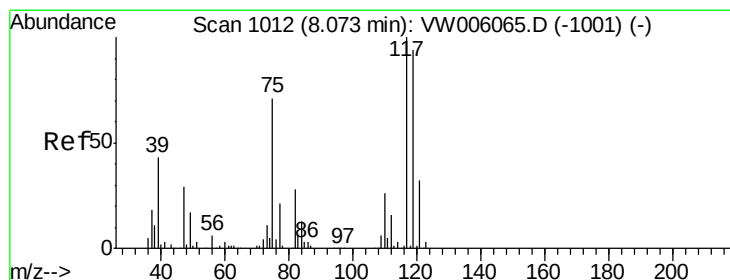
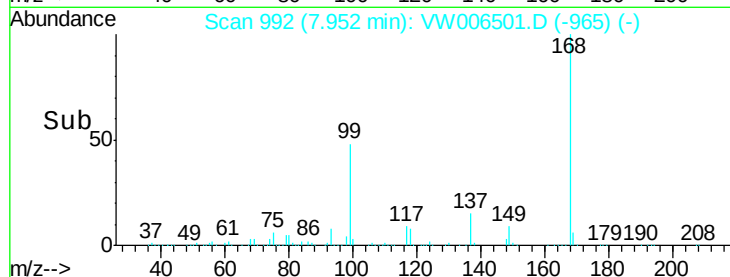
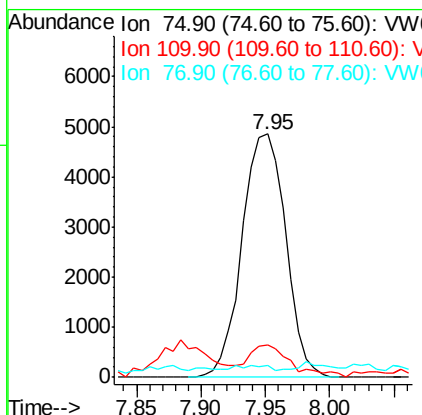
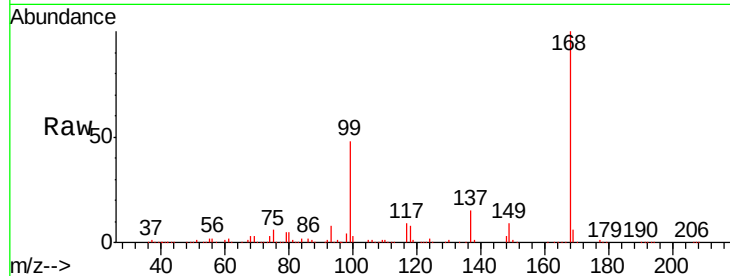




#36
 1,1-Dichloropropene
 Concen: 4.75 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006501.D
 Acq: 30 Oct 2018 15:00

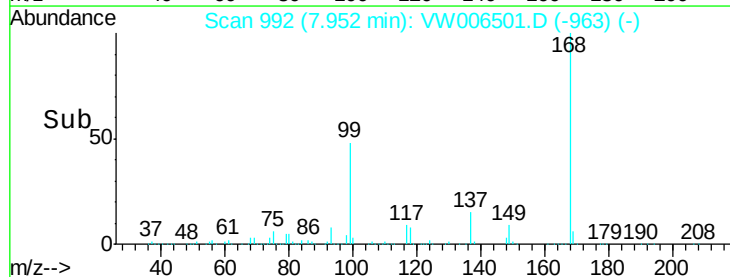
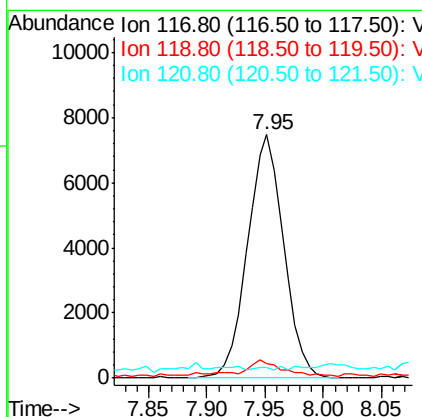
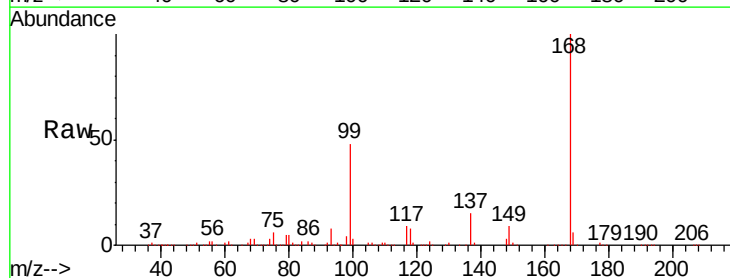
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-11

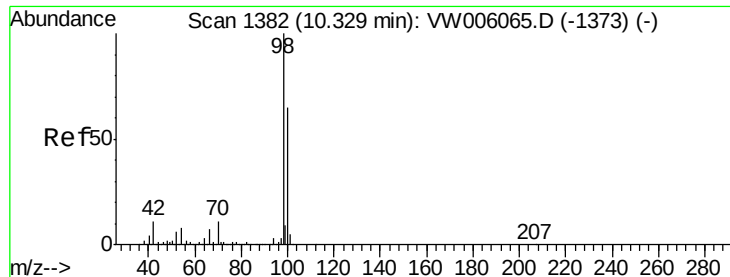
Tgt Ion: 75 Resp: 11401
 Ion Ratio Lower Upper
 75 100
 110 13.1 19.1 57.1#
 77 1.5 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.16 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006501.D
 Acq: 30 Oct 2018 15:00

Tgt Ion: 117 Resp: 16220
 Ion Ratio Lower Upper
 117 100
 119 5.2 75.2 112.8#
 121 0.2 25.3 37.9#

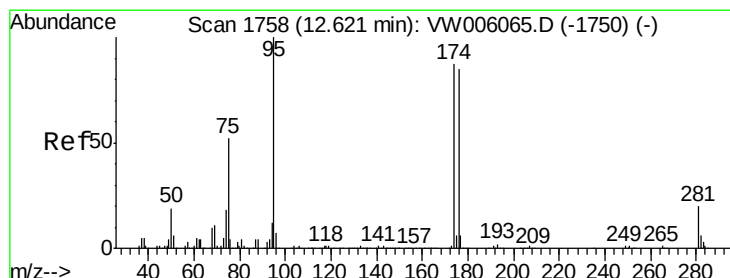
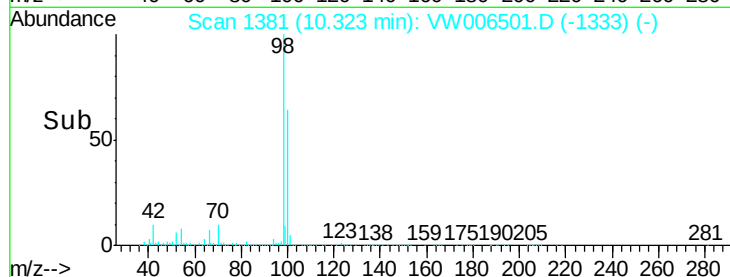
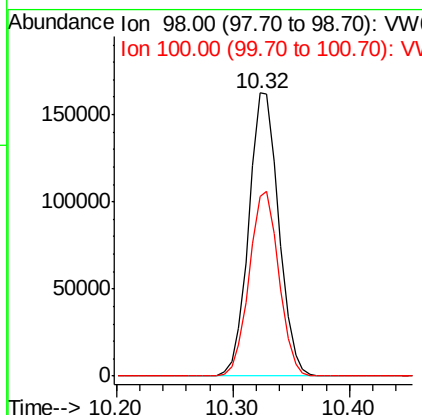
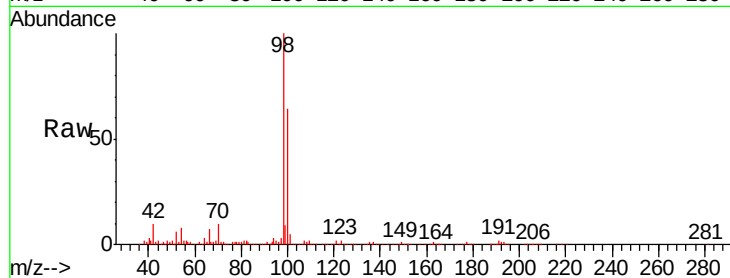




#50
Toluene-d8
Concen: 49.68 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006501.D
Acq: 30 Oct 2018 15:00

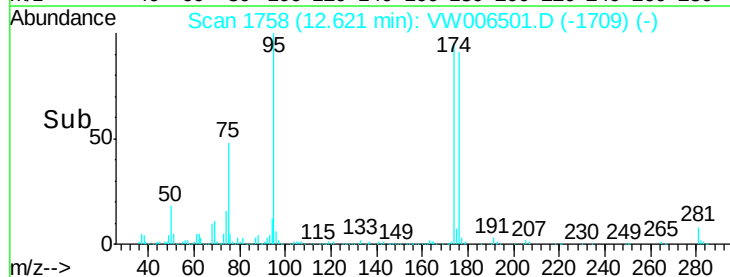
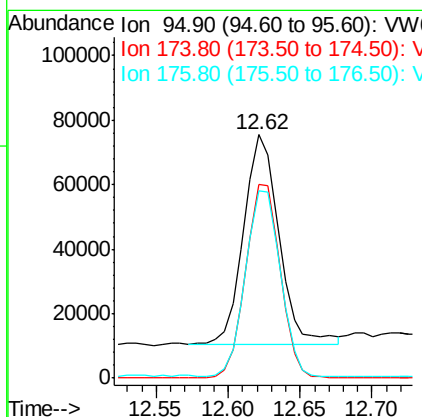
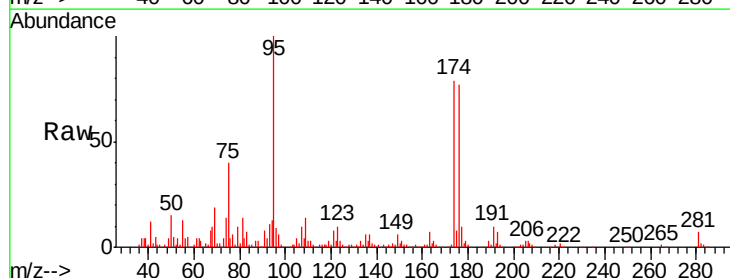
Instrument :
MSVOA_W
ClientSampleId :
SB-11

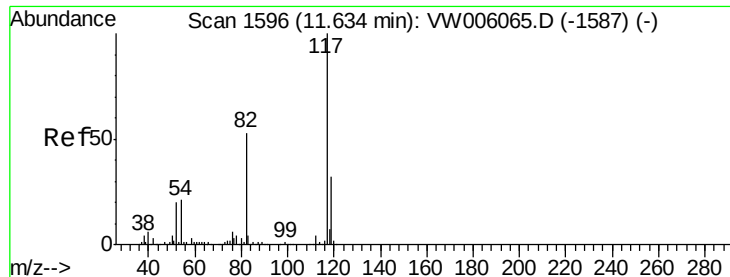
Tgt Ion: 98 Resp: 291065
Ion Ratio Lower Upper
98 100
100 65.0 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 50.28 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006501.D
Acq: 30 Oct 2018 15:00

Tgt Ion: 95 Resp: 110640
Ion Ratio Lower Upper
95 100
174 89.5 0.0 186.0
176 87.1 0.0 181.6

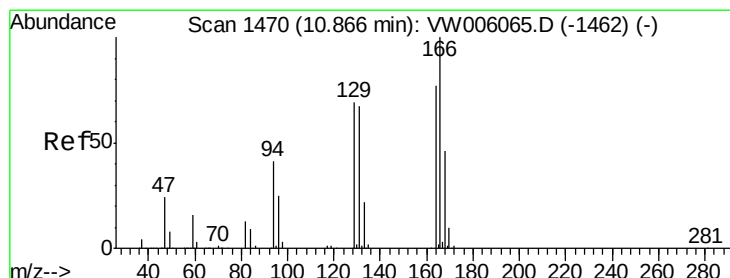
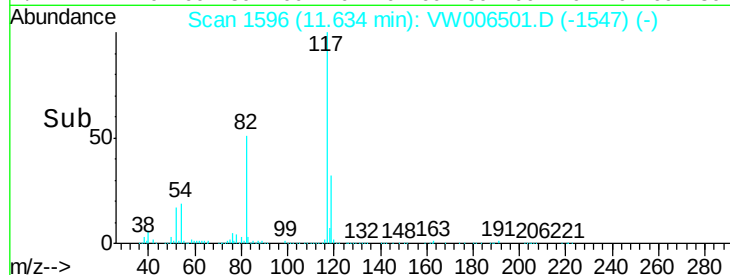
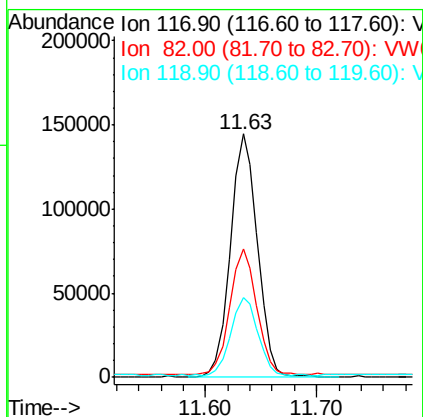
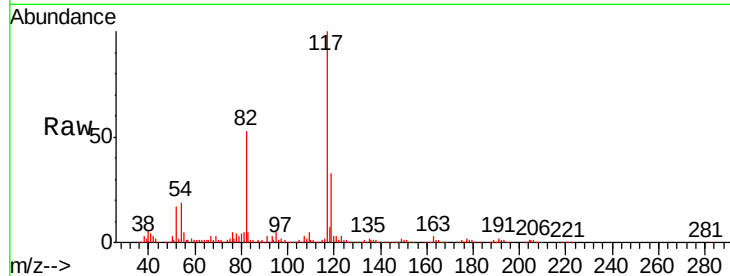




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006501.D
Acq: 30 Oct 2018 15:00

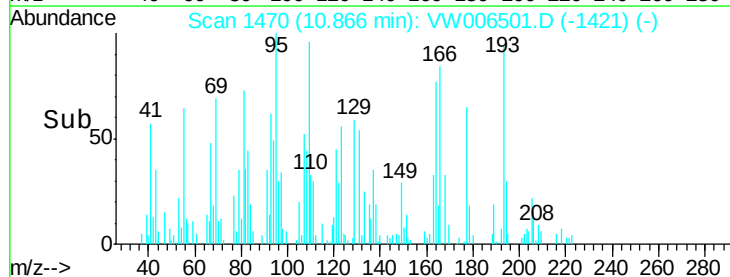
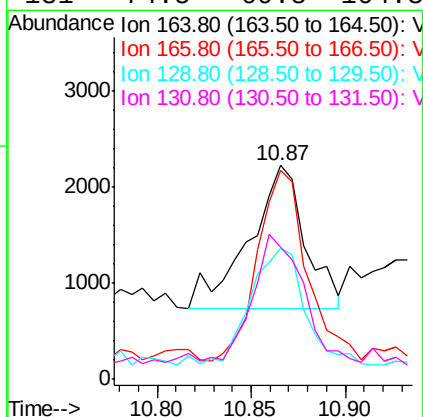
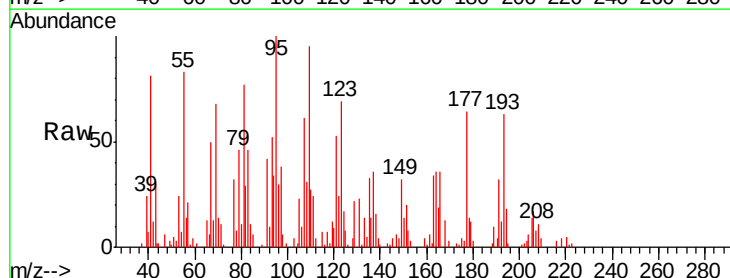
Instrument :
MSVOA_W
ClientSampled :
SB-11

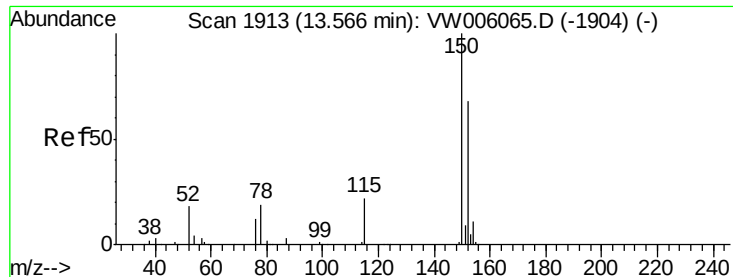
Tgt Ion:117 Resp: 239934
Ion Ratio Lower Upper
117 100
82 51.5 42.1 63.1
119 31.8 25.8 38.6



#64
Tetrachloroethene
Concen: 1.65 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006501.D
Acq: 30 Oct 2018 15:00

Tgt Ion:164 Resp: 3072
Ion Ratio Lower Upper
164 100
166 125.4 103.4 155.0
129 75.2 71.8 107.8
131 74.5 69.5 104.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006501.D

Acq: 30 Oct 2018 15:00

Instrument :

MSVOA_W

ClientSampleId :

SB-11

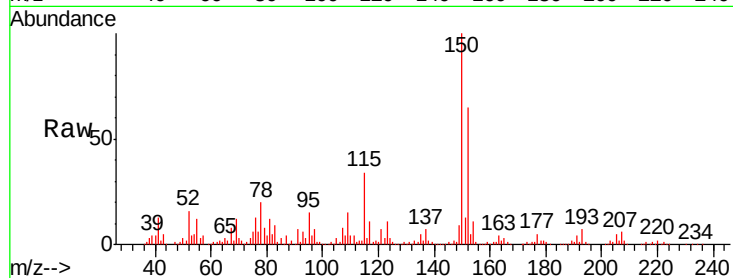
Tgt Ion: 152 Resp: 134330

Ion Ratio Lower Upper

152 100

115 50.6 27.8 83.3

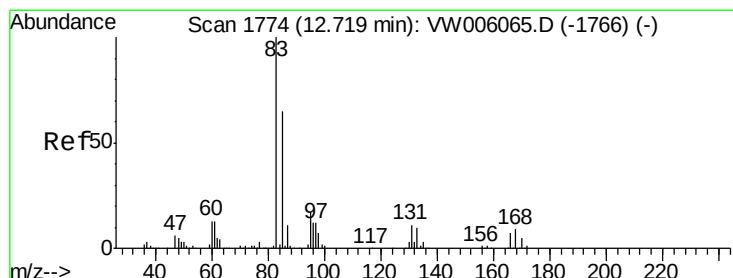
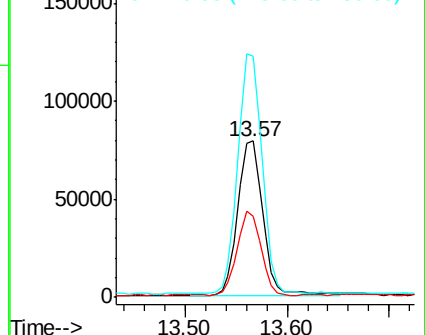
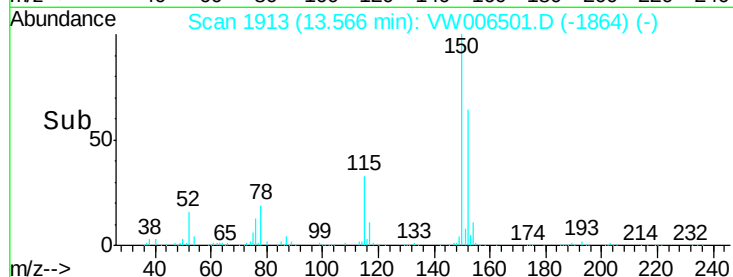
150 149.1 0.0 349.2



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



#75

1,1,2,2-Tetrachloroethane

Concen: 1.97 ug/l

RT: 12.69 min Scan# 1769

Delta R.T. -0.03 min

Lab File: VW006501.D

Acq: 30 Oct 2018 15:00

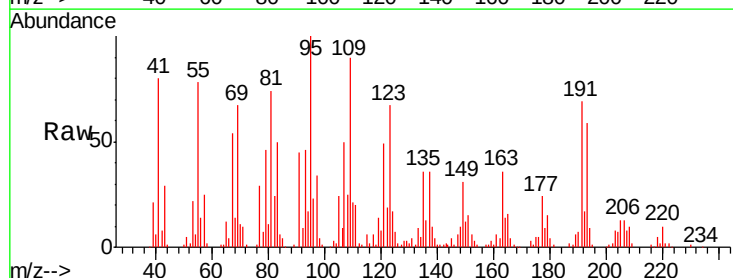
Tgt Ion: 83 Resp: 2849

Ion Ratio Lower Upper

83 100

131 13.1 5.9 17.7

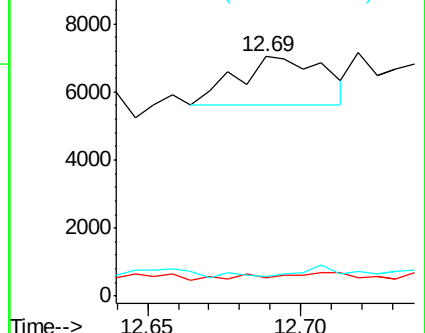
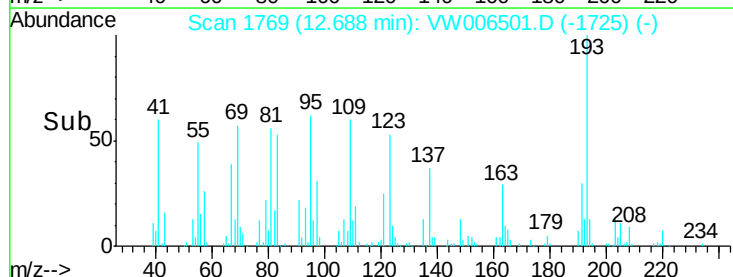
85 10.9 31.9 95.9#

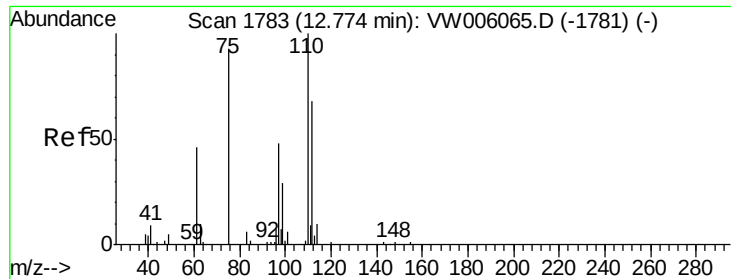


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW





#76

1,2,3-Trichloropropane

Concen: 48.84 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006501.D

Acq: 30 Oct 2018 15:00

Instrument :

MSVOA_W

ClientSampled :

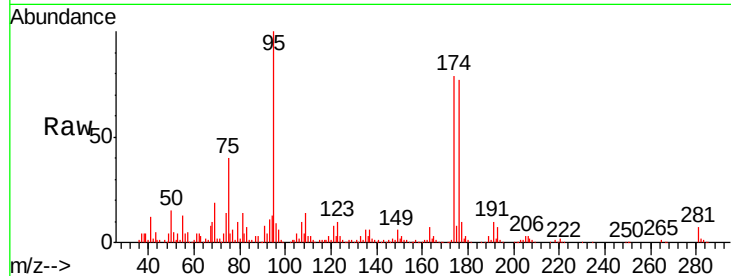
SB-11

Tgt Ion: 75 Resp: 50115

Ion Ratio Lower Upper

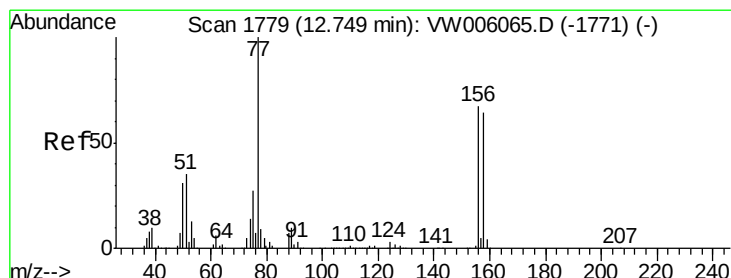
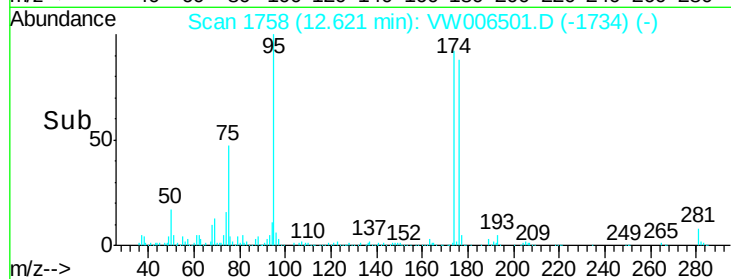
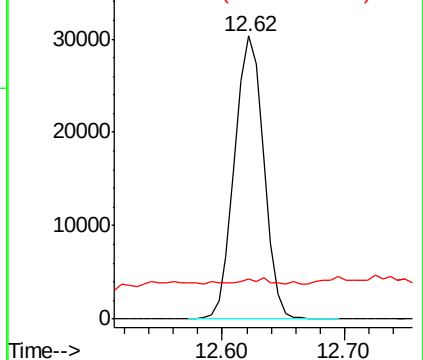
75 100

77 3.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#77

Bromobenzene

Concen: 2.61 ug/l

RT: 12.93 min Scan# 1808

Delta R.T. 0.18 min

Lab File: VW006501.D

Acq: 30 Oct 2018 15:00

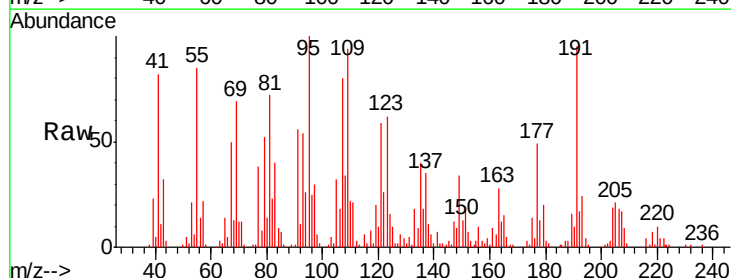
Tgt Ion: 156 Resp: 6073

Ion Ratio Lower Upper

156 100

77 0.0 79.1 237.4#

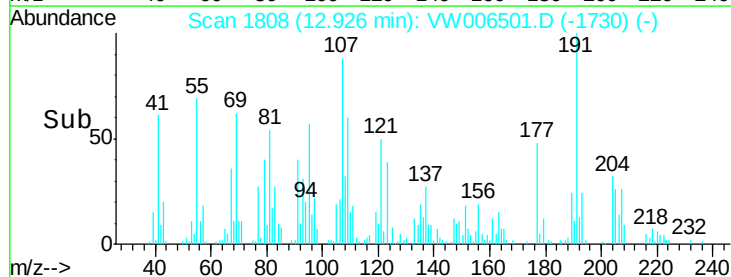
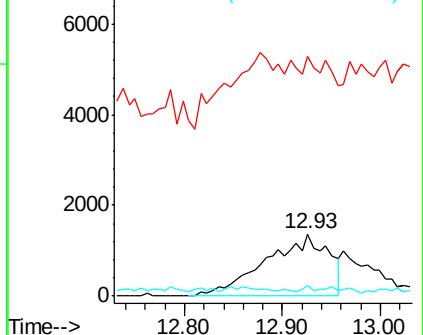
158 2.3 48.5 145.6#

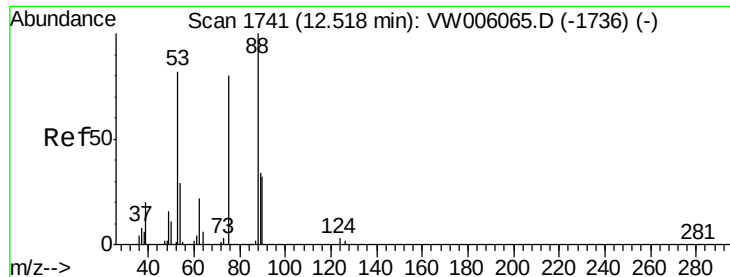


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V





#81

trans-1,4-Dichloro-2-butene

Concen: 116.76 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006501.D

Acq: 30 Oct 2018 15:00

Instrument :

MSVOA_W

ClientSampleId :

SB-11

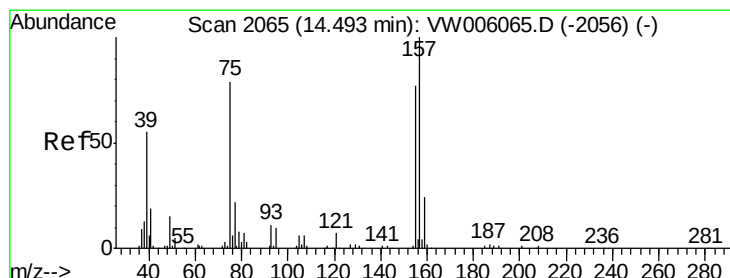
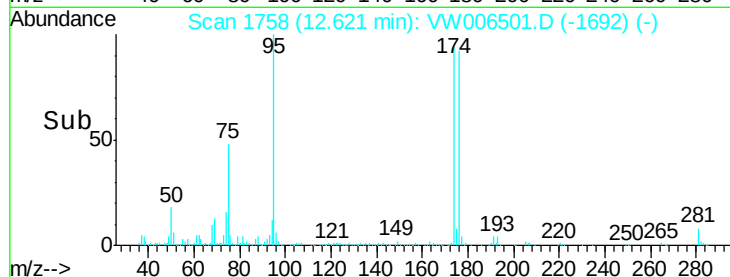
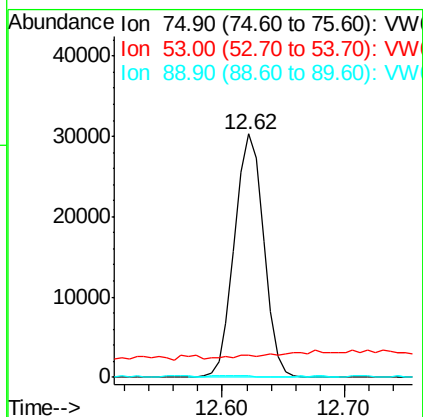
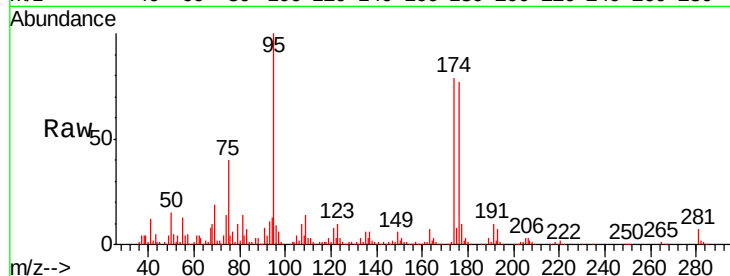
Tgt Ion: 75 Resp: 50115

Ion Ratio Lower Upper

75 100

53 0.7 79.8 119.6#

89 0.8 37.5 56.3#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.32 ug/l

RT: 14.40 min Scan# 2049

Delta R.T. -0.10 min

Lab File: VW006501.D

Acq: 30 Oct 2018 15:00

Tgt Ion: 75 Resp: 342

Ion Ratio Lower Upper

75 100

155 64.9 46.5 139.5

157 61.7 59.8 179.4

