

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102718\
 Data File : VW006381.D
 Acq On : 26 Oct 2018 01:42
 Operator : SY/AP
 Sample : J5610-02RE
 Misc : 5.14G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1(7-9)

Quant Time: Oct 26 07:23:27 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	231812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	343272	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	264008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	94724	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	103715	53.97	ug/l	0.00
Spiked Amount			Recovery	=	107.94%	
35) Dibromofluoromethane	7.88	113	100910	49.75	ug/l	0.00
Spiked Amount			Recovery	=	99.50%	
50) Toluene-d8	10.32	98	338150	43.82	ug/l	0.00
Spiked Amount			Recovery	=	87.64%	
62) 4-Bromofluorobenzene	12.62	95	93919	32.40	ug/l	0.00
Spiked Amount			Recovery	=	64.80%	

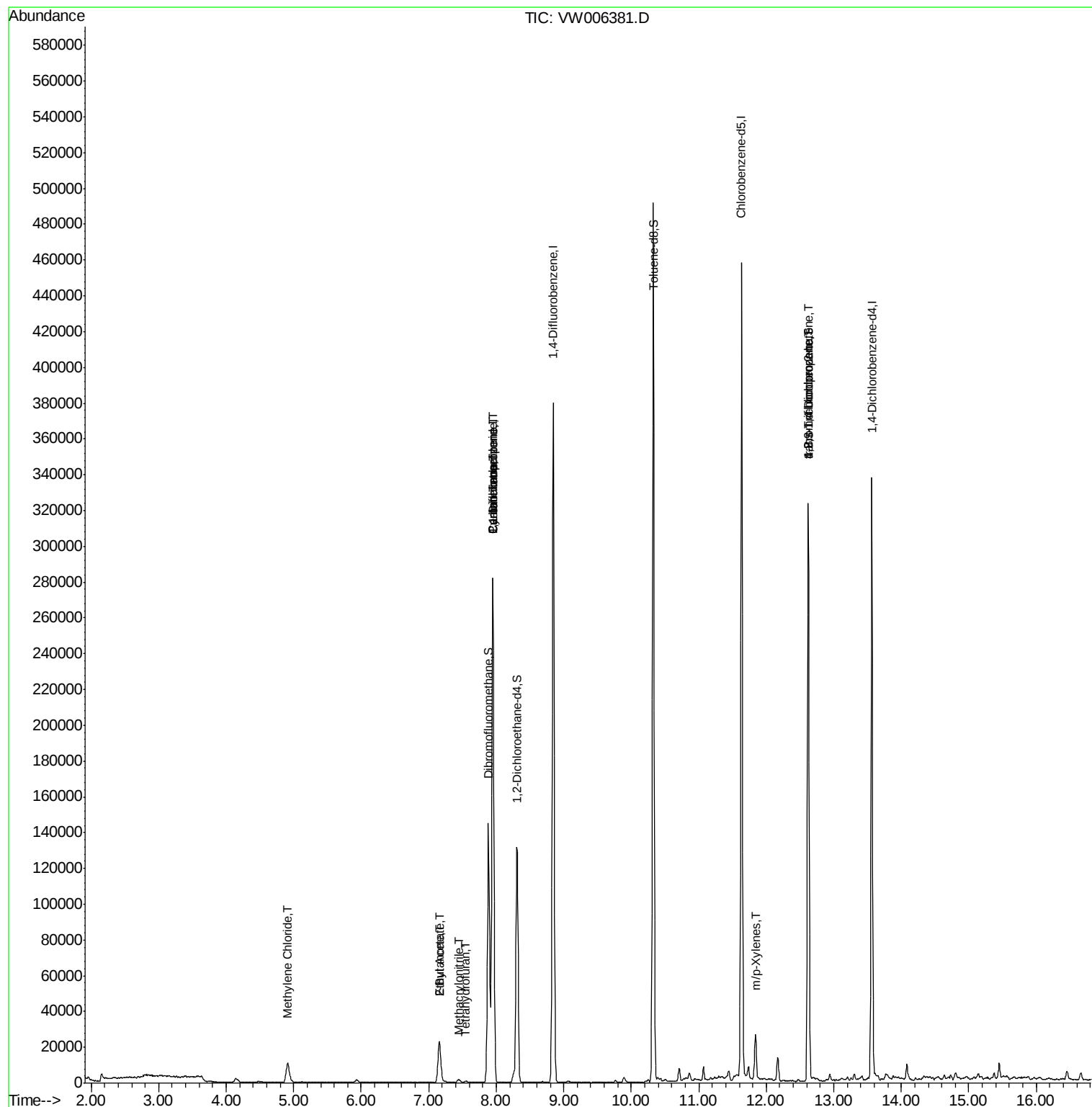
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	4195	Below Cal	#	88
20) Methylene Chloride	4.91	84	9651	3.223	ug/l #	88
25) 2-Butanone	7.16	43	1223	2.356	ug/l #	77
29) Tetrahydrofuran	7.54	42	362	1.134	ug/l #	86
31) Cyclohexane	7.95	56	4104	1.167	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	15197	4.803	ug/l #	48
37) Ethyl Acetate	7.16	43	1223	1.040	ug/l #	1
38) Carbon Tetrachloride	7.95	117	20827	6.005	ug/l #	17
41) Methacrylonitrile	7.45	41	950	1.341	ug/l #	50
68) m/p-Xylenes	11.84	106	7705	1.990	ug/l	97
76) 1,2,3-Trichloropropane	12.62	75	47619	65.817	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	47619	157.329	ug/l #	10

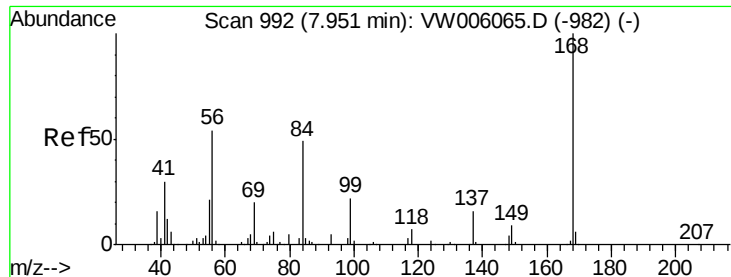
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102718\
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SB-1(7-9)

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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: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006381.D

Acq: 26 Oct 2018 01:42

Instrument :

MSVOA_W

ClientSampleId :

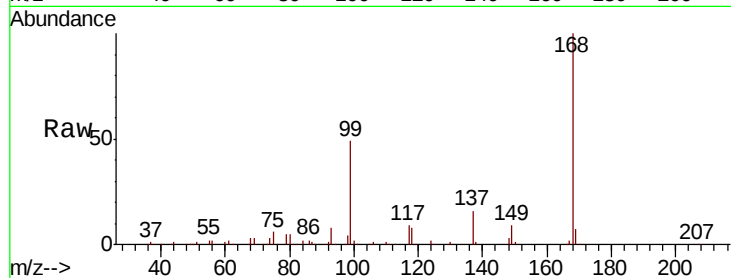
SB-1(7-9)

Tot Ion:168 Resp: 231812

Ion Ratio Lower Upper

168 100

99 48.5 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

120000

100000

80000

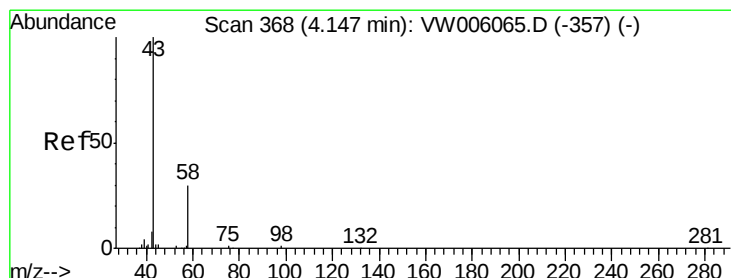
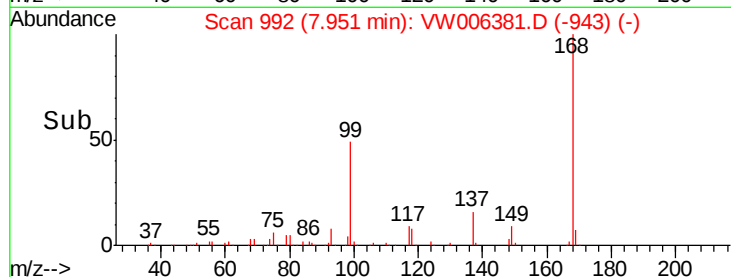
60000

40000

20000

0

Time-->



#16

Acetone

Concen: Below Cal

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006381.D

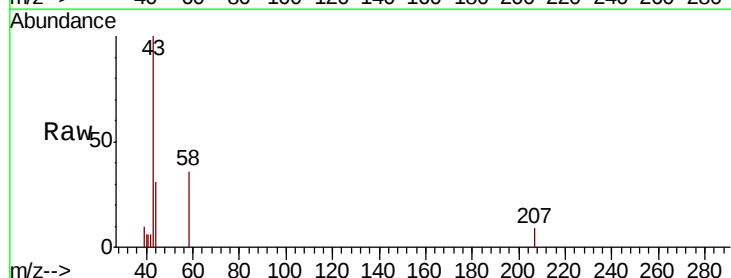
Acq: 26 Oct 2018 01:42

Tgt Ion: 43 Resp: 4195

Ion Ratio Lower Upper

43 100

58 36.4 24.0 36.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

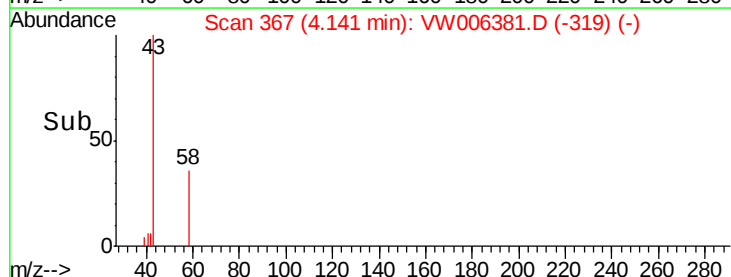
4.14

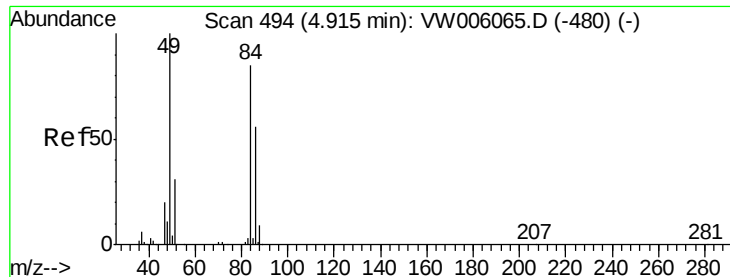
1000

500

0

Time-->





#20

Methylene Chloride

Concen: 3.223 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006381.D

Acq: 26 Oct 2018 01:42

Instrument :

MSVOA_W

ClientSampled :

SB-1(7-9)

Tot Ion: 84 Resp: 9651

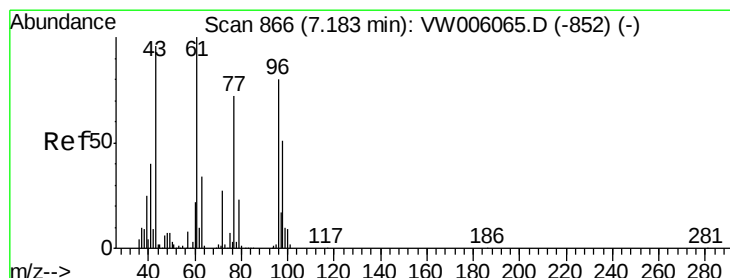
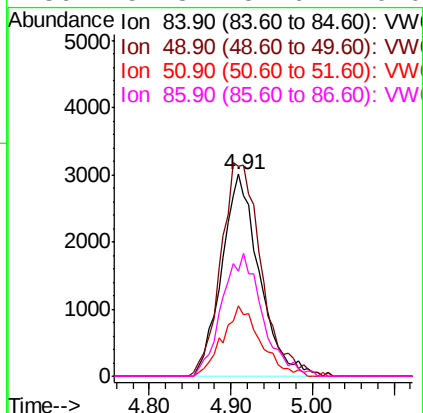
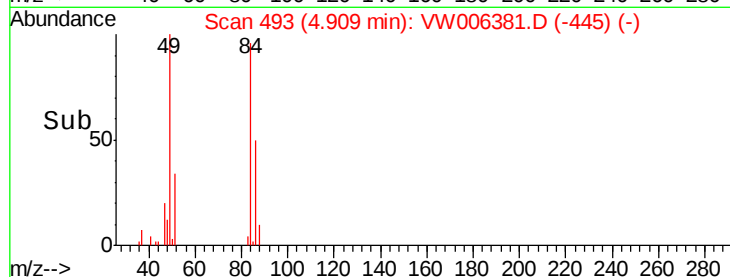
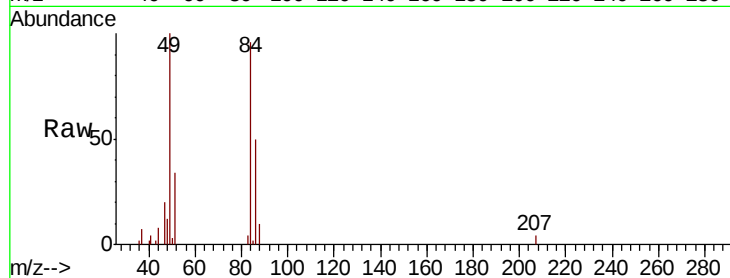
Ion Ratio Lower Upper

84 100

49 104.2 93.6 140.4

51 35.0 29.0 43.4

86 52.3 52.6 79.0#



#25

2-Butanone

Concen: 2.356 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

Lab File: VW006381.D

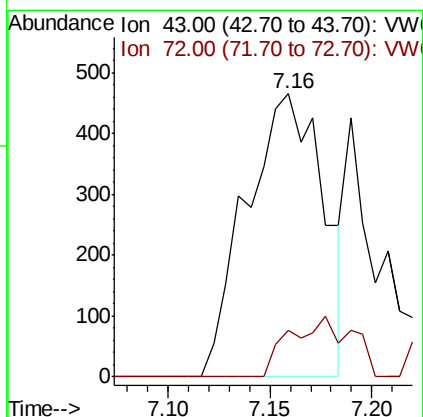
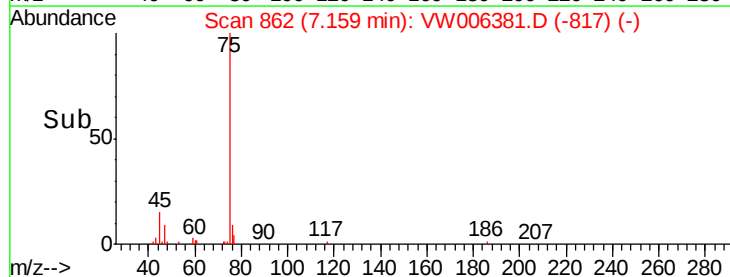
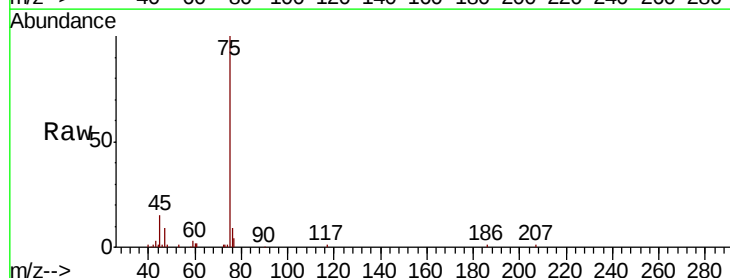
Acq: 26 Oct 2018 01:42

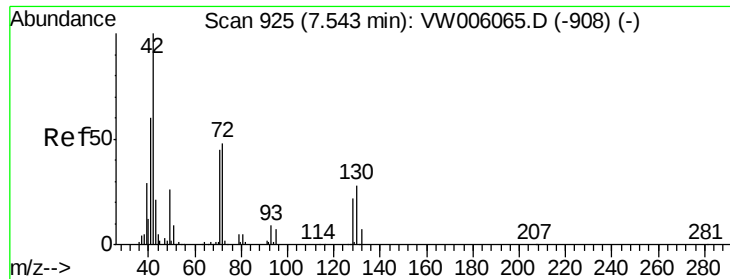
Tgt Ion: 43 Resp: 1223

Ion Ratio Lower Upper

43 100

72 16.3 22.8 34.2#

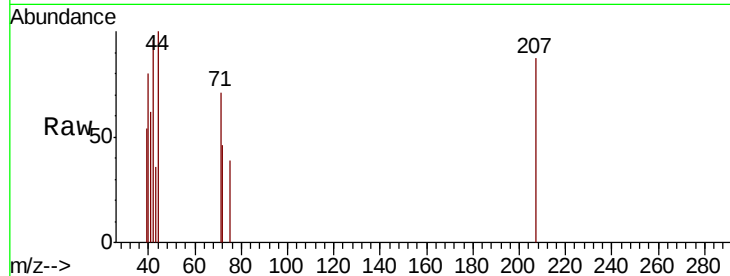




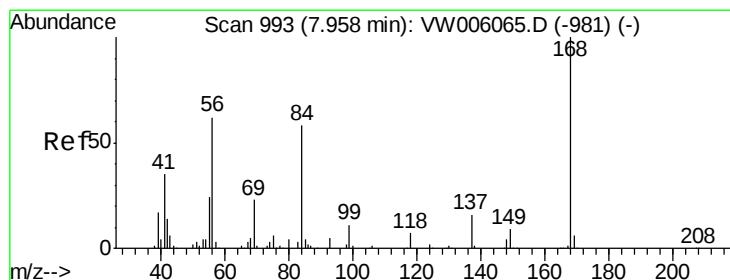
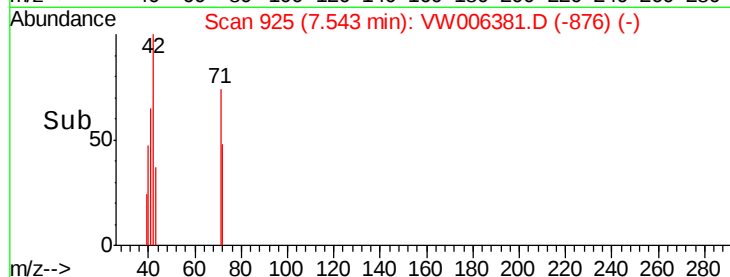
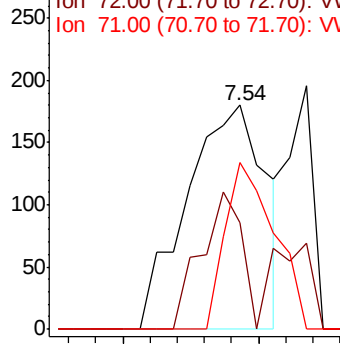
#29
Tetrahydrofuran
Concen: 1.134 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: VW006381.D
Acq: 26 Oct 2018 01:42

Instrument :
MSVOA_W
ClientSampled :
SB-1(7-9)

Tot Ion	Ratio	Lower	Upper
42	100		
72	31.8	38.0	57.0#
71	46.1	35.3	52.9

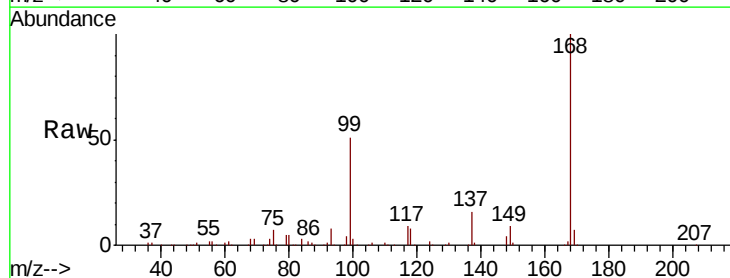


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

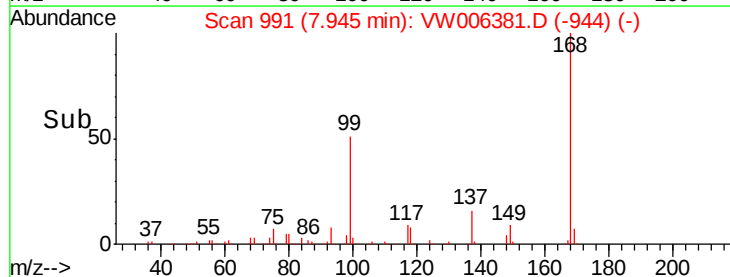
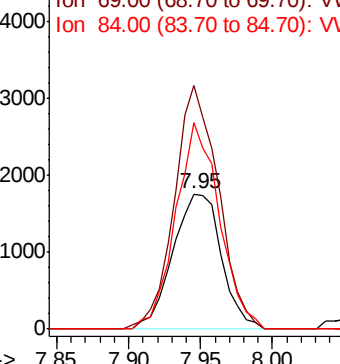


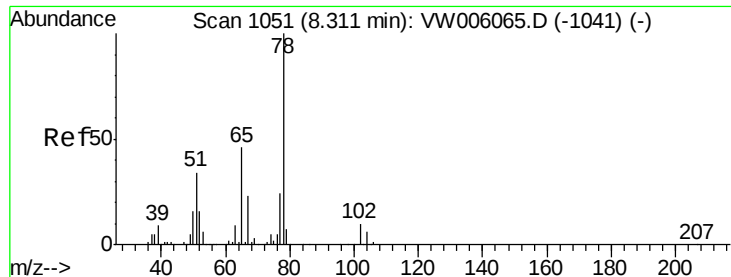
#31
Cyclohexane
Concen: 1.167 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006381.D
Acq: 26 Oct 2018 01:42

Tgt Ion	Ratio	Lower	Upper
56	100		
69	180.2	29.4	44.0#
84	153.0	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: 53.966 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006381.D

Acq: 26 Oct 2018 01:42

Instrument :

MSVOA_W

ClientSampled :

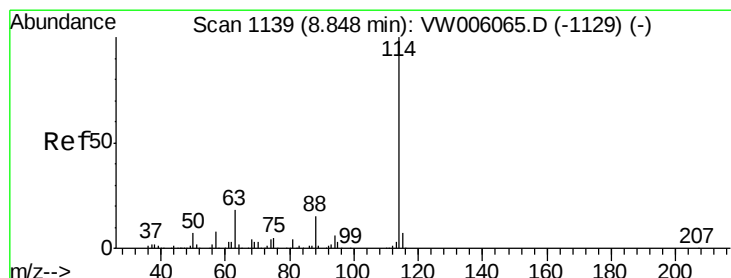
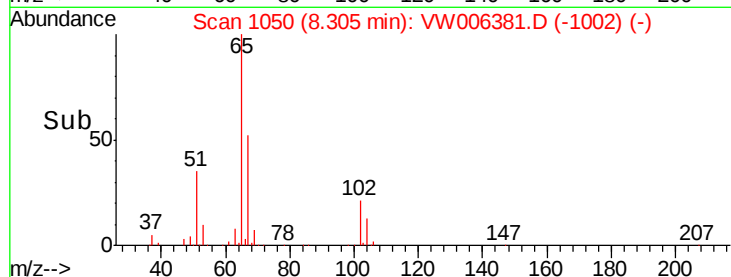
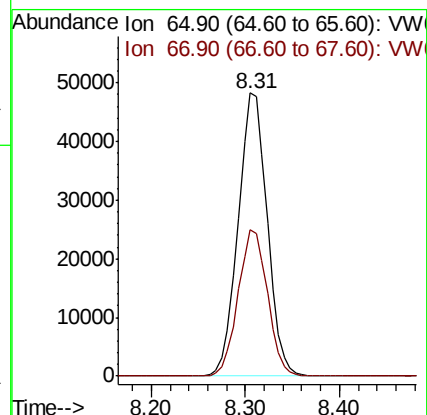
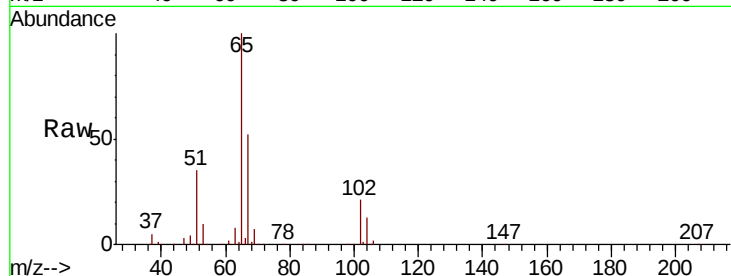
SB-1(7-9)

Tot Ion: 65 Resp: 103715

Ion Ratio Lower Upper

65 100

67 52.2 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW006381.D

Acq: 26 Oct 2018 01:42

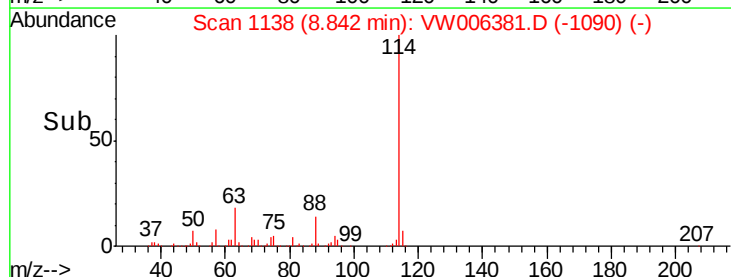
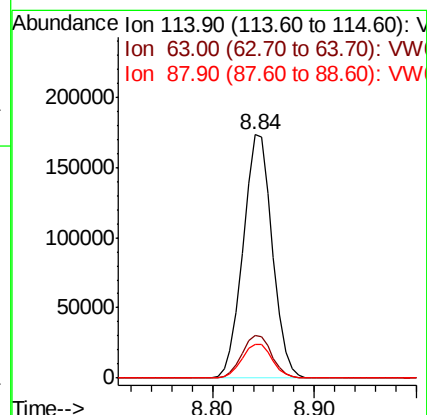
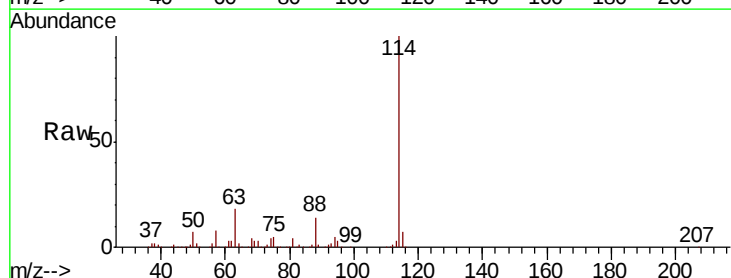
Tgt Ion: 114 Resp: 343272

Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.8

88 14.0 0.0 29.0

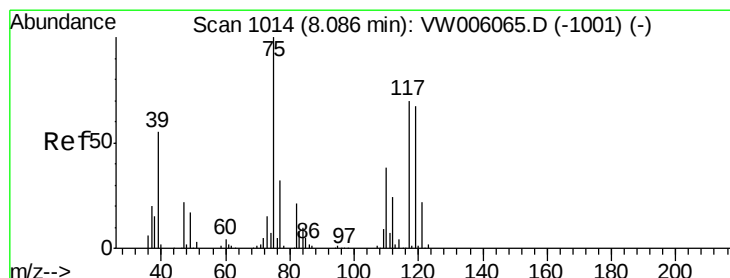
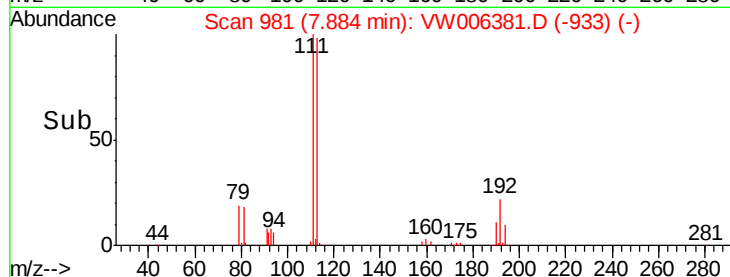
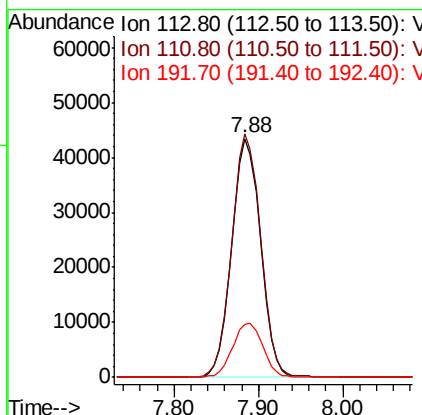
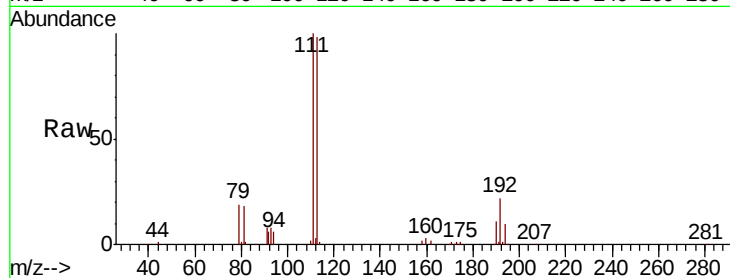




#35
 Dibromofluoromethane
 Concen: 49.749 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006381.D
 Acq: 26 Oct 2018 01:42

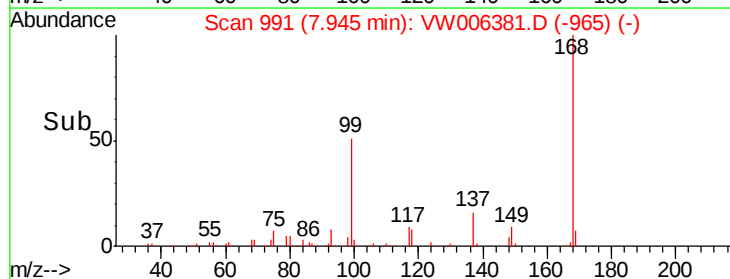
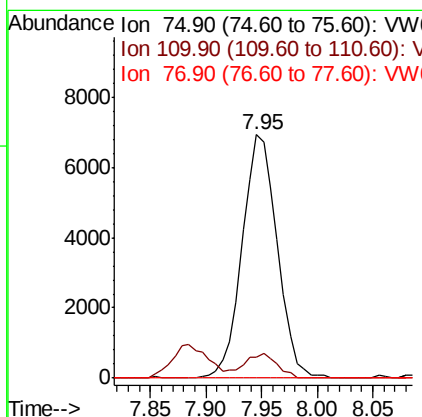
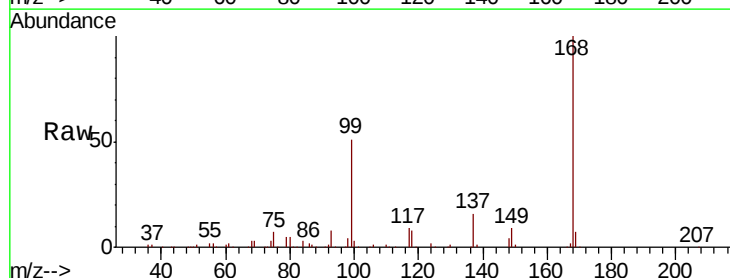
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1(7-9)

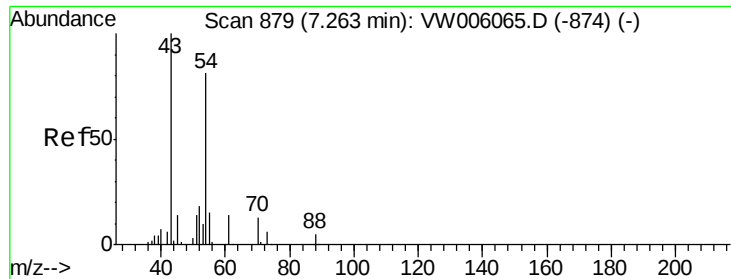
Tot Ion:113 Resp: 100910
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.4 122.0
 192 23.3 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 4.803 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006381.D
 Acq: 26 Oct 2018 01:42

Tgt Ion: 75 Resp: 15197
 Ion Ratio Lower Upper
 75 100
 110 9.2 19.1 57.1#
 77 0.0 25.0 37.4#

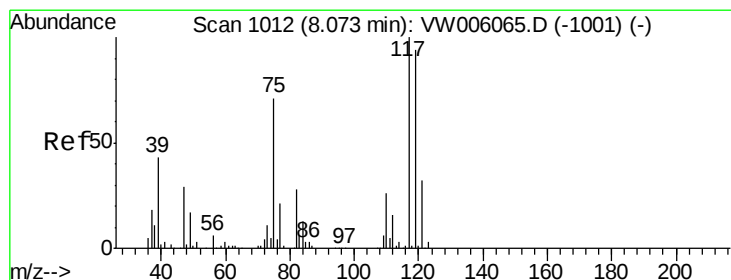
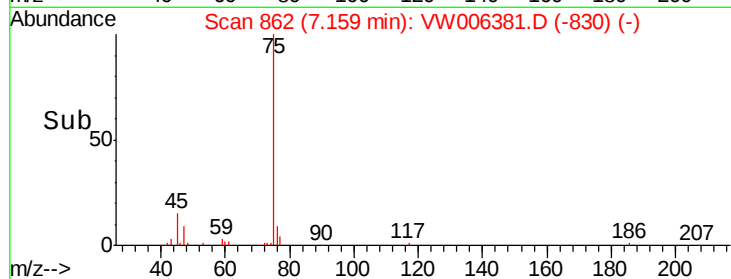
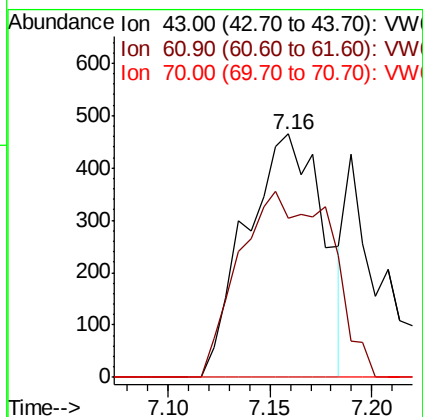
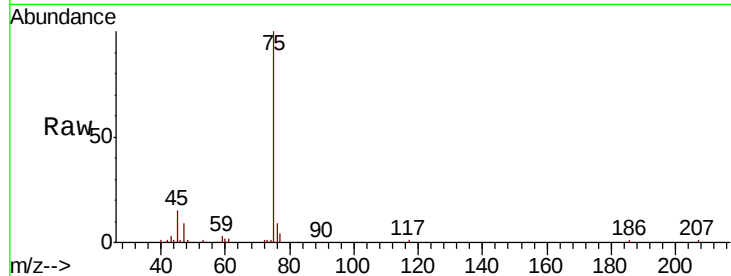




#37
Ethyl Acetate
Concen: 1.040 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.10 min
Lab File: VW006381.D
Acq: 26 Oct 2018 01:42

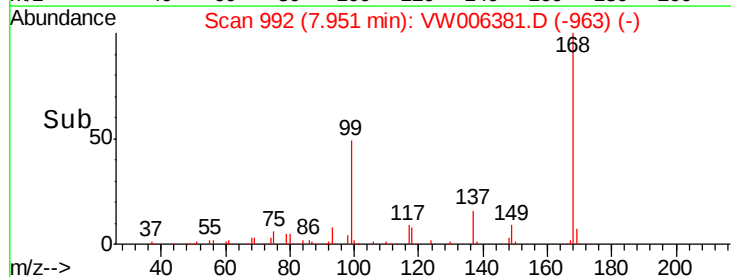
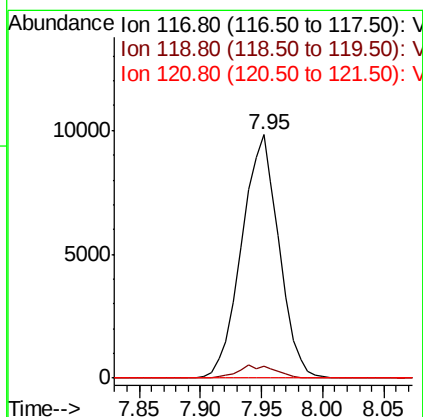
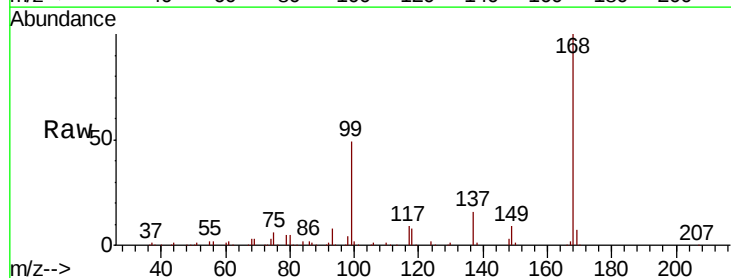
Instrument :
MSVOA_W
ClientSampleId :
SB-1(7-9)

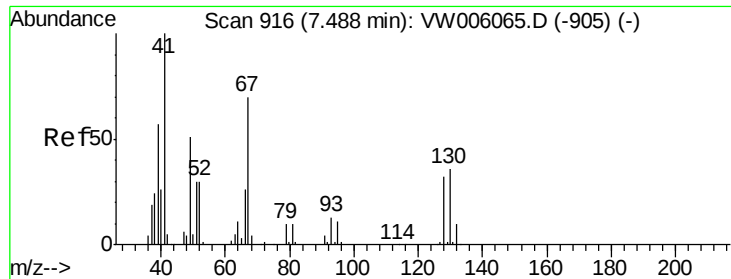
Tot Ion: 43 Resp: 1223
Ion Ratio Lower Upper
43 100
61 90.5 11.5 17.3#
70 0.0 9.2 13.8#



#38
Carbon Tetrachloride
Concen: 6.005 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006381.D
Acq: 26 Oct 2018 01:42

Tgt Ion: 117 Resp: 20827
Ion Ratio Lower Upper
117 100
119 4.9 75.2 112.8#
121 0.0 25.3 37.9#

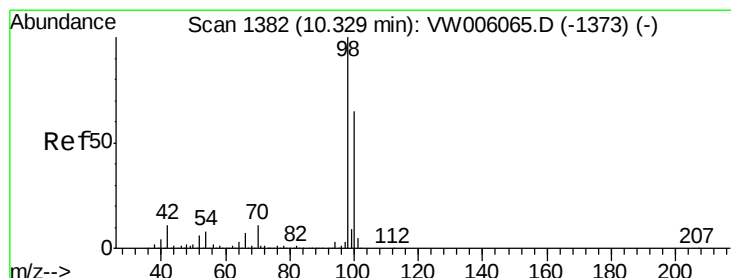
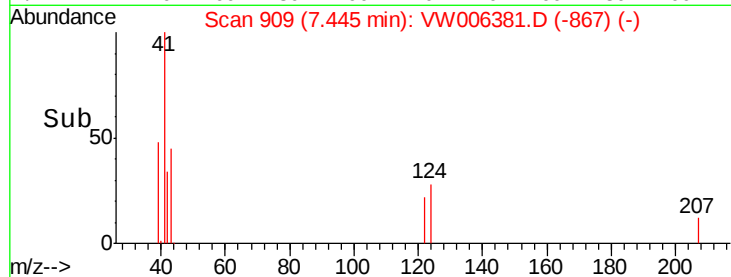
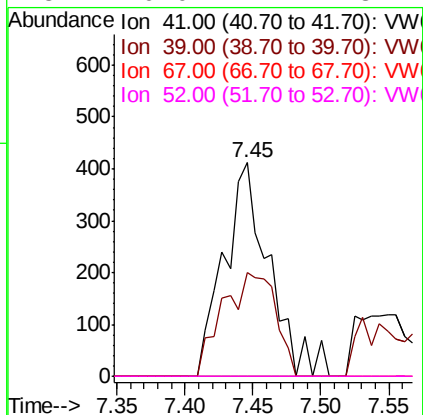
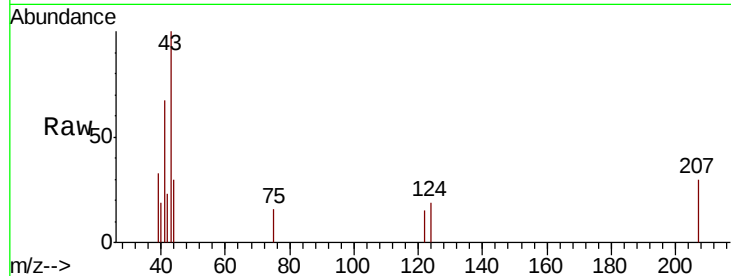




#41
Methacrylonitrile
Concen: 1.341 ug/l
RT: 7.45 min Scan# 909
Delta R.T. -0.04 min
Lab File: VW006381.D
Acq: 26 Oct 2018 01:42

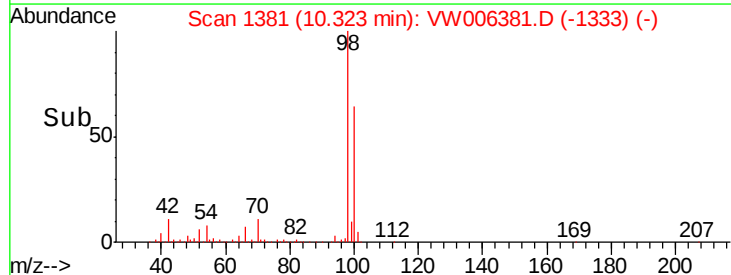
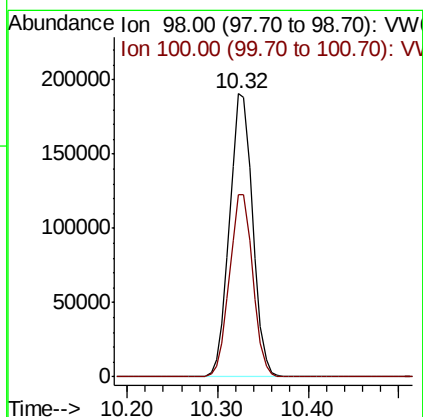
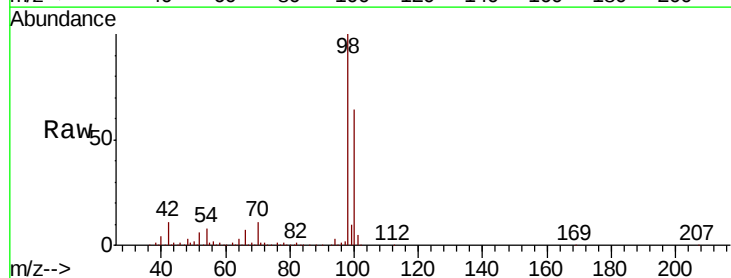
Instrument :
MSVOA_W
ClientSampleId :
SB-1(7-9)

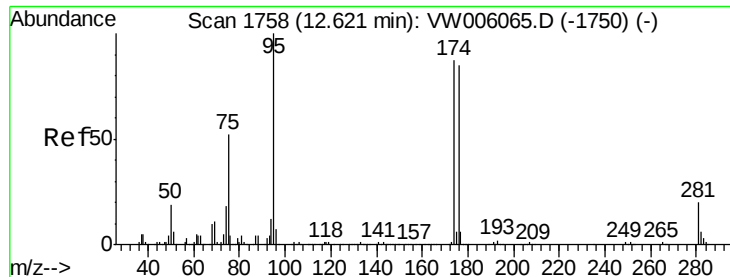
Tot Ion: 41 Resp: 950
Ion Ratio Lower Upper
41 100
39 56.9 46.2 69.4
67 0.0 57.7 86.5#
52 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 43.819 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006381.D
Acq: 26 Oct 2018 01:42

Tgt Ion: 98 Resp: 338150
Ion Ratio Lower Upper
98 100
100 64.9 51.6 77.4

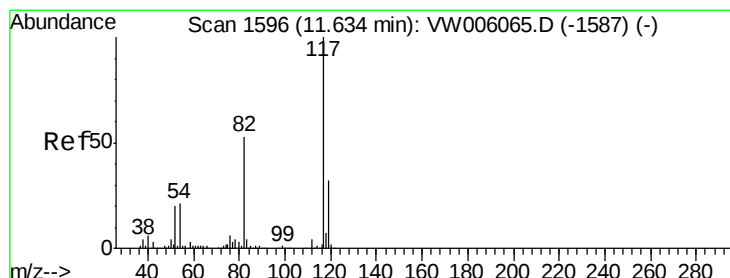
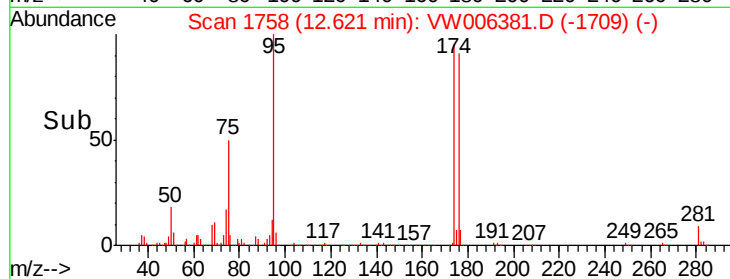
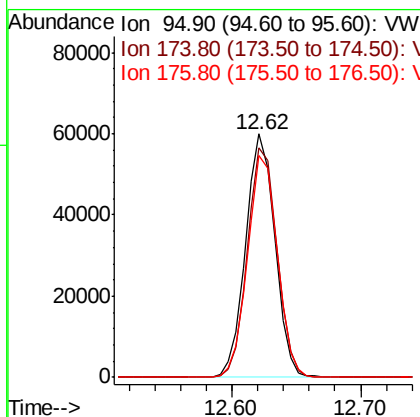
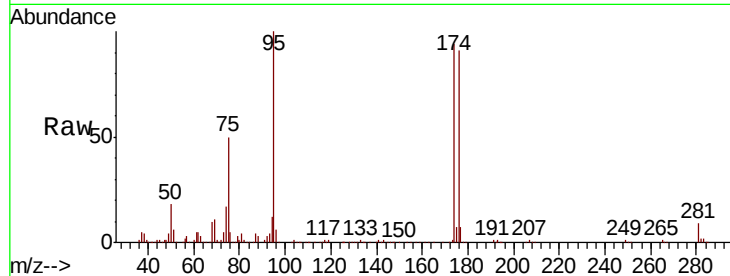




#62
4-Bromofluorobenzene
Concen: 32.404 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006381.D
Acq: 26 Oct 2018 01:42

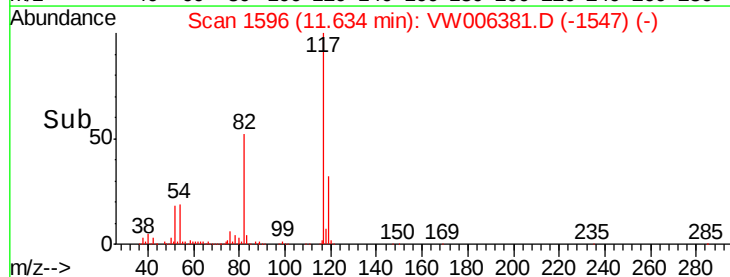
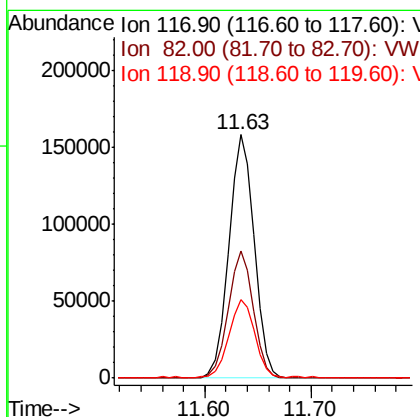
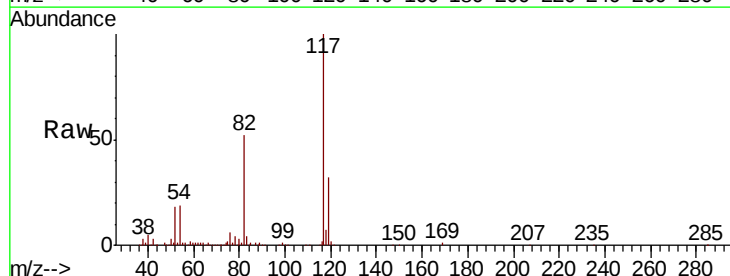
Instrument :
MSVOA_W
ClientSampleId :
SB-1(7-9)

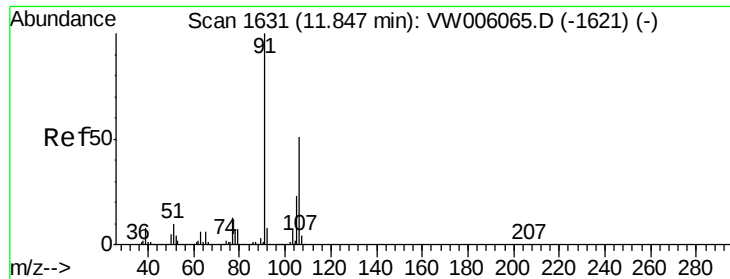
Tot Ion	95	Resp	93919
Ion Ratio	Lower	Upper	
95	100		
174	95.3	0.0	186.0
176	92.4	0.0	181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006381.D
Acq: 26 Oct 2018 01:42

Tgt Ion	117	Resp	264008
Ion Ratio	Lower	Upper	
117	100		
82	52.1	42.1	63.1
119	31.9	25.8	38.6





#68

m/p-Xvlenes

Concen: 1.990 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.01 min

Lab File: VW006381.D

Acq: 26 Oct 2018 01:42

Instrument :

MSVOA_W

ClientSampleId :

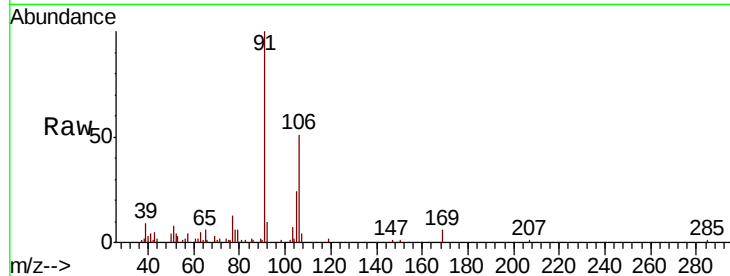
SB-1(7-9)

Tot Ion:106 Resp: 7705

Ion Ratio Lower Upper

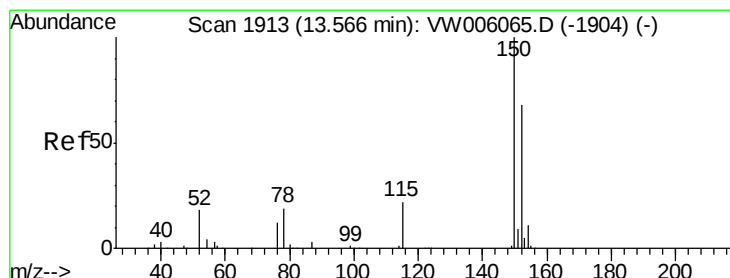
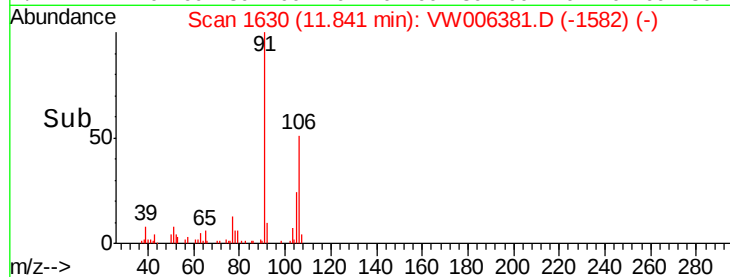
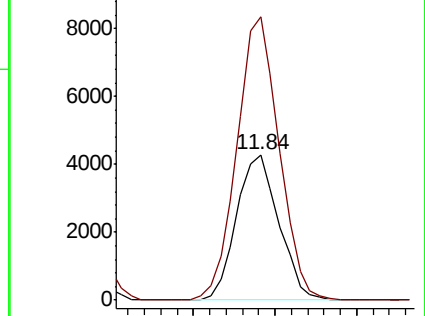
106 100

91 194.8 159.1 238.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW006381.D

Acq: 26 Oct 2018 01:42

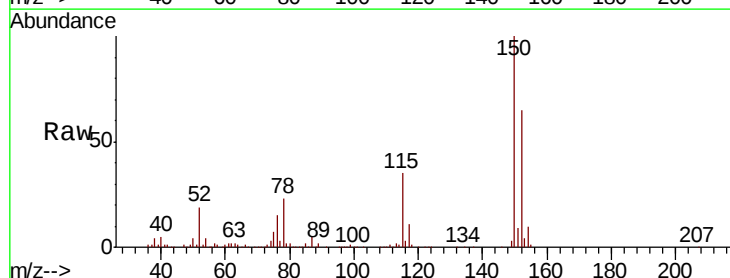
Tgt Ion:152 Resp: 94724

Ion Ratio Lower Upper

152 100

115 54.0 27.8 83.3

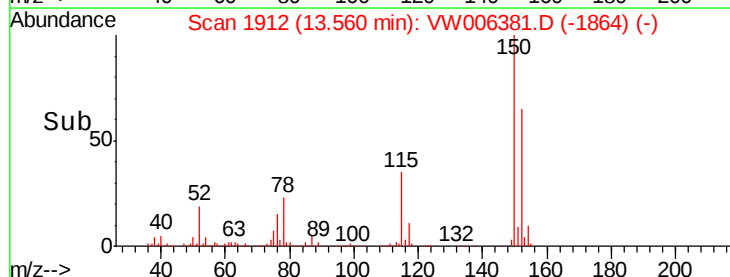
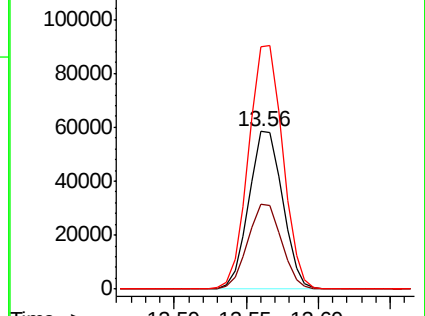
150 156.4 0.0 349.2

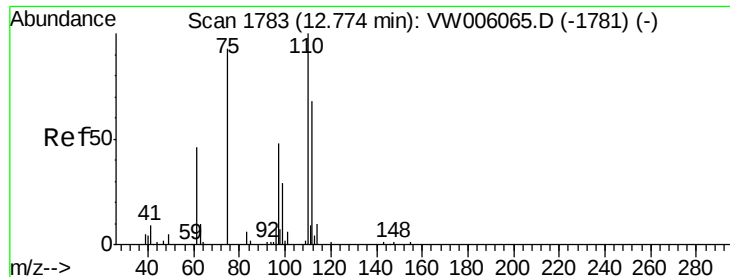


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 65.817 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006381.D

Acq: 26 Oct 2018 01:42

Instrument :

MSVOA_W

ClientSampleId :

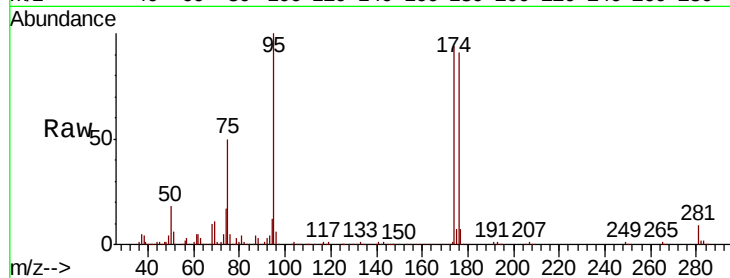
SB-1(7-9)

Tot Ion: 75 Resp: 47619

Ion Ratio Lower Upper

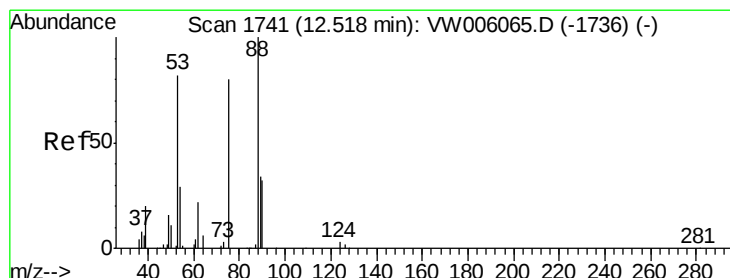
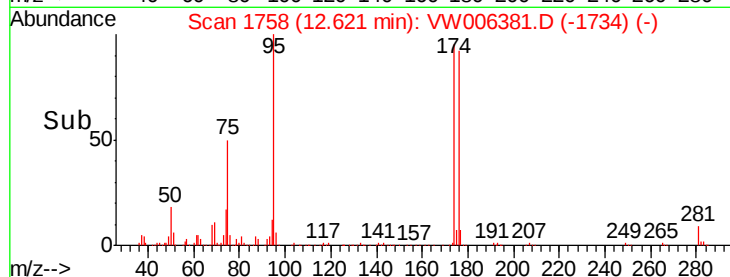
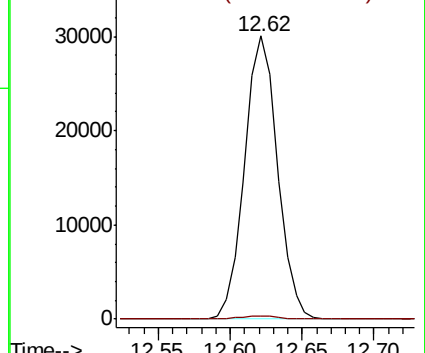
75 100

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: 157.329 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006381.D

Acq: 26 Oct 2018 01:42

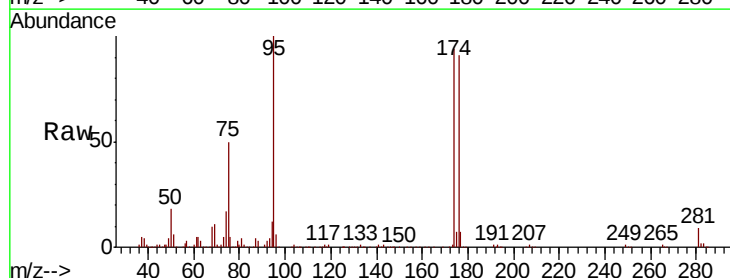
Tgt Ion: 75 Resp: 47619

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

