

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101018\
 Data File : VW005982.D
 Acq On : 10 Oct 2018 12:36
 Operator : SY/AP
 Sample : J5302-06RE
 Misc : 4.77G/5ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-6-(2-2.5)

Quant Time: Oct 10 16:49:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	224994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	345914	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	287033	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	125115	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	109900	50.32	ug/l	0.00
Spiked Amount			Recovery	=	100.64%	
35) Dibromofluoromethane	7.88	113	107274	48.57	ug/l	0.00
Spiked Amount			Recovery	=	97.14%	
50) Toluene-d8	10.32	98	371448	43.71	ug/l	0.00
Spiked Amount			Recovery	=	87.42%	
62) 4-Bromofluorobenzene	12.62	95	121699	37.64	ug/l	0.00
Spiked Amount			Recovery	=	75.28%	

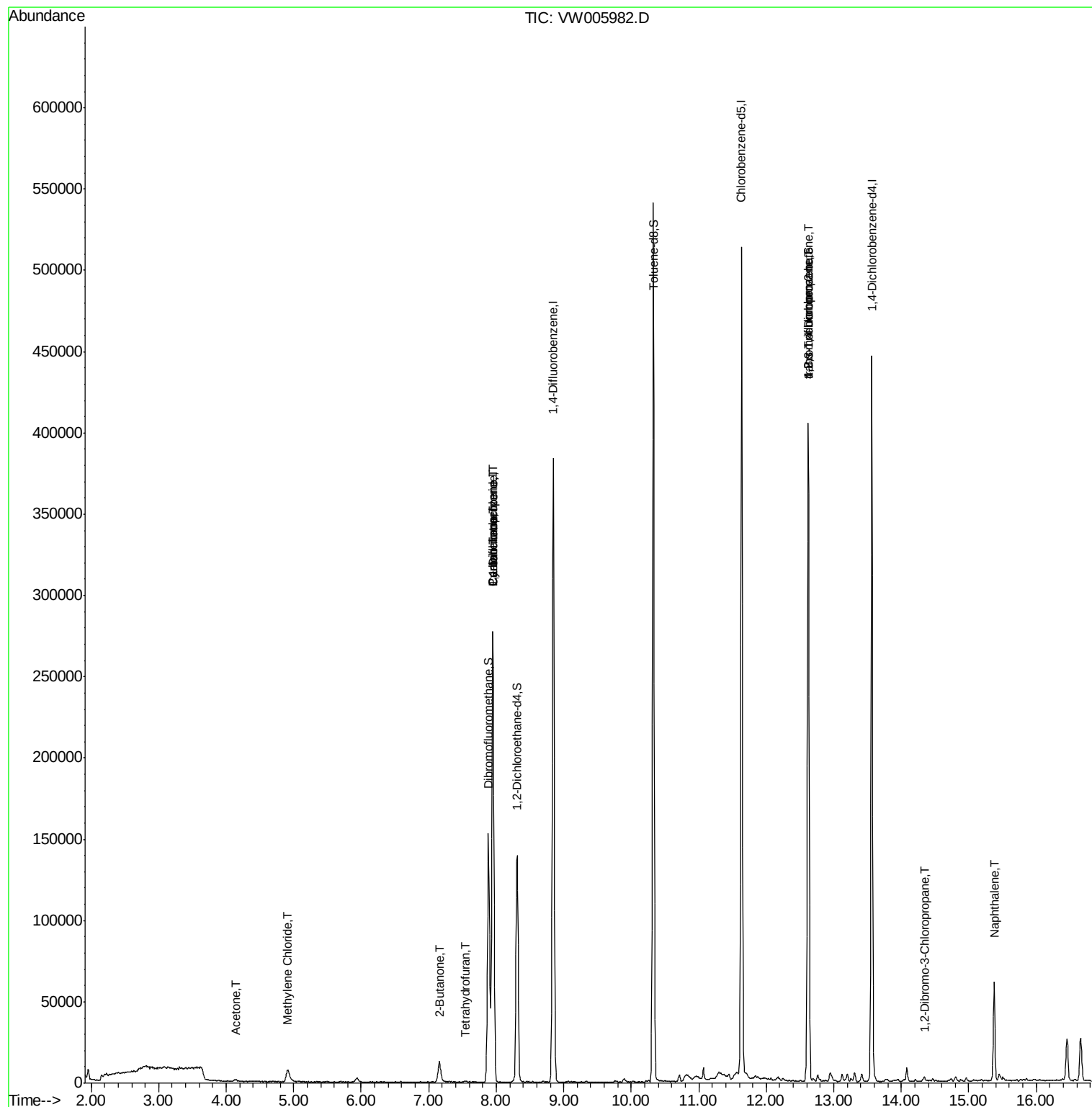
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	2048	4.69	ug/l	95
20) Methylene Chloride	4.92	84	6835	3.13	ug/l	86
25) 2-Butanone	7.17	43	918	1.48	ug/l #	49
29) Tetrahydrofuran	7.55	42	527	1.34	ug/l #	47
31) Cyclohexane	7.95	56	4170	1.09	ug/l #	3
36) 1,1-Dichloropropene	7.95	75	15230	4.59	ug/l #	48
38) Carbon Tetrachloride	7.95	117	20527	5.76	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	61782	55.28	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	61782	116.70	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.33	75	292	1.05	ug/l #	1
95) Naphthalene	15.38	128	53609	10.50	ug/l	100

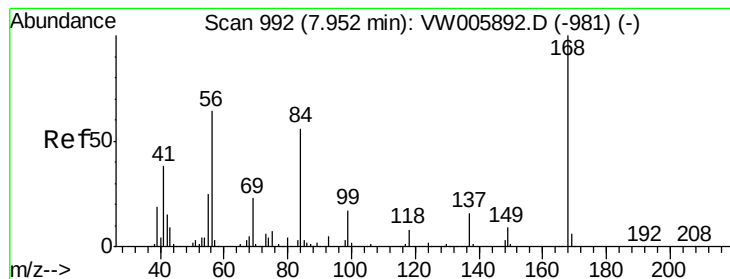
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005982.D

Acq: 10 Oct 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

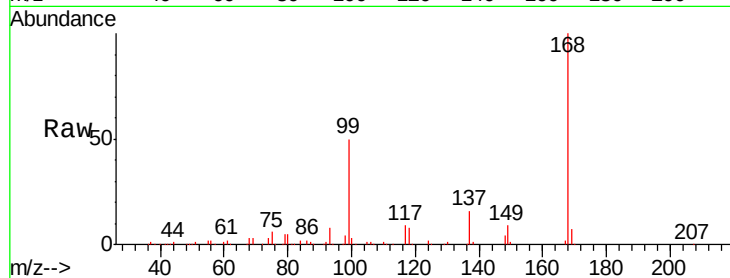
SB-6-(2-2.5)

Tgt Ion:168 Resp: 224994

Ion Ratio Lower Upper

168 100

99 49.7 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

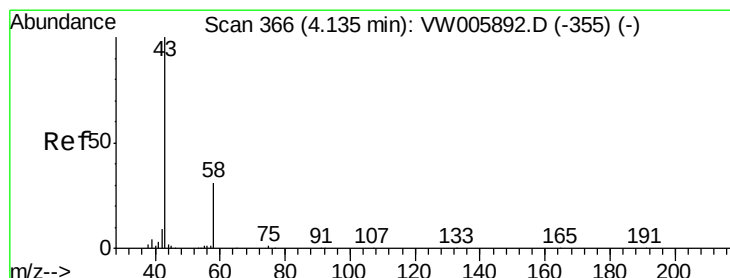
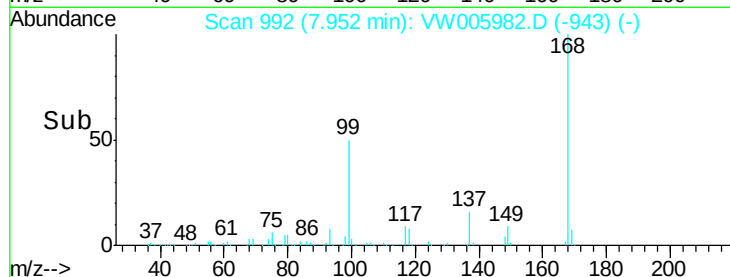
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 4.69 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW005982.D

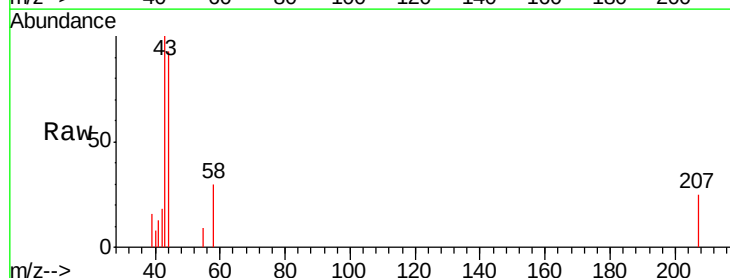
Acq: 10 Oct 2018 12:36

Tgt Ion: 43 Resp: 2048

Ion Ratio Lower Upper

43 100

58 33.9 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

800

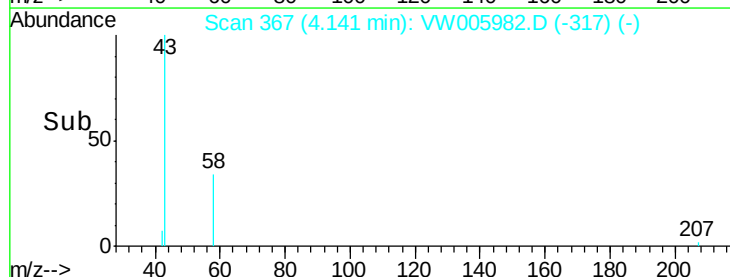
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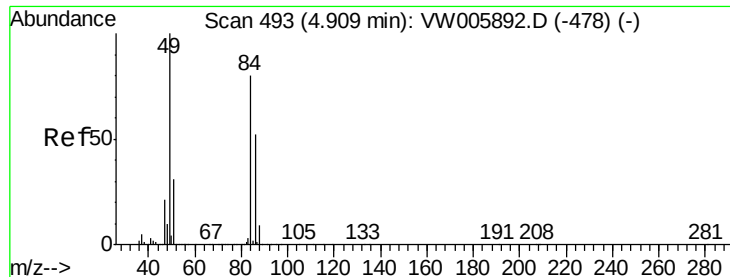
400

200

0

Time-->

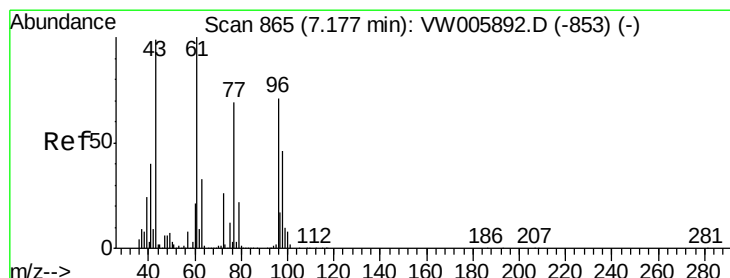
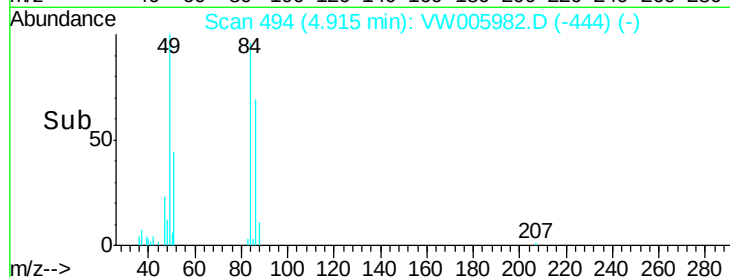
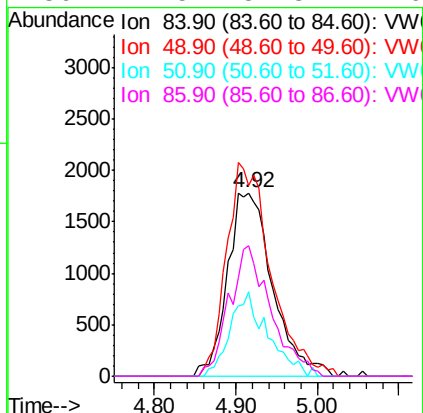
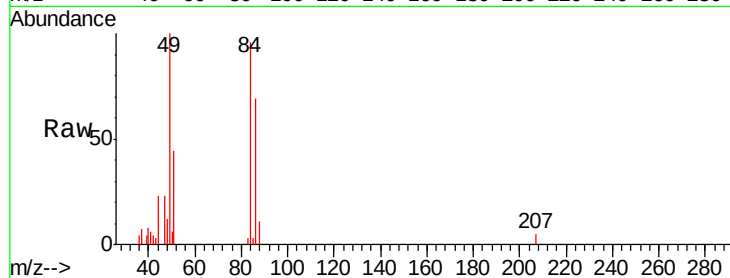




#20
Methylene Chloride
Concen: 3.13 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW005892.D
Acq: 10 Oct 2018 12:36

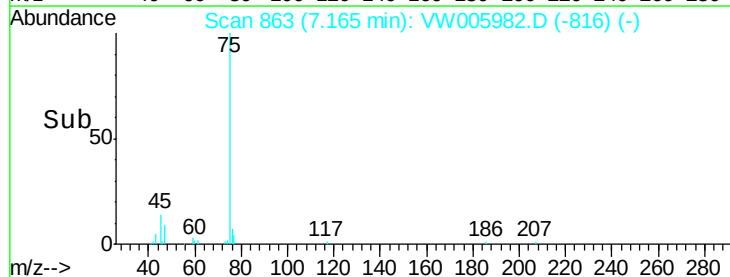
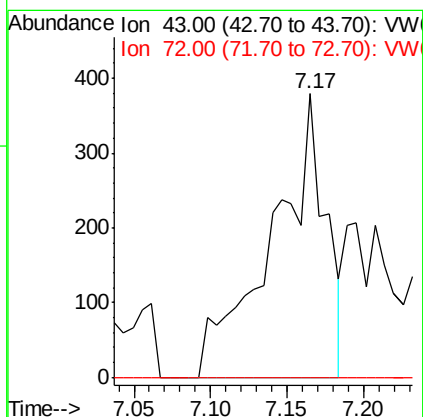
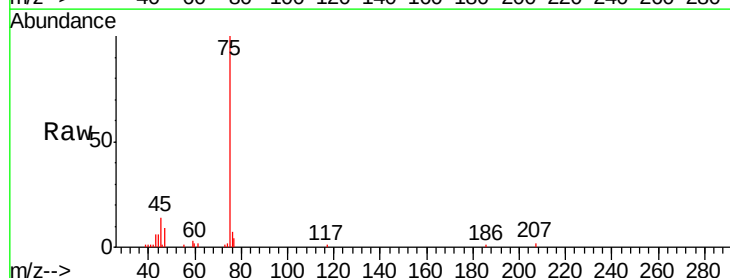
Instrument :
MSVOA_W
ClientSampleId :
SB-6-(2-2.5)

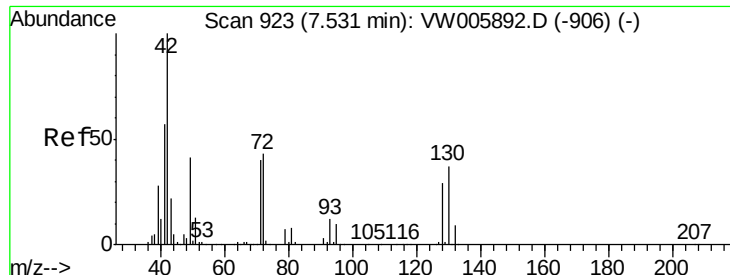
Tgt Ion:	84	Resp:	6835
Ion	Ratio	Lower	Upper
84	100		
49	104.3	99.9	149.9
51	46.2	31.1	46.7
86	71.5	51.8	77.6



#25
2-Butanone
Concen: 1.48 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW005892.D
Acq: 10 Oct 2018 12:36

Tgt Ion:	43	Resp:	918
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.4#

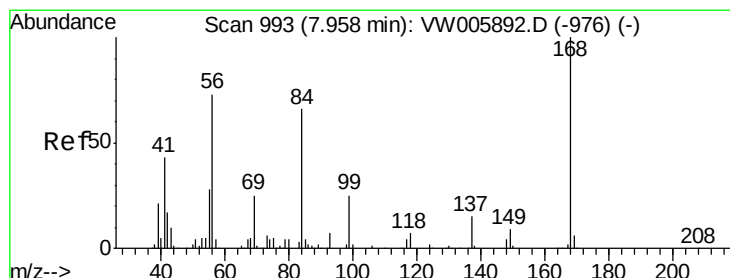
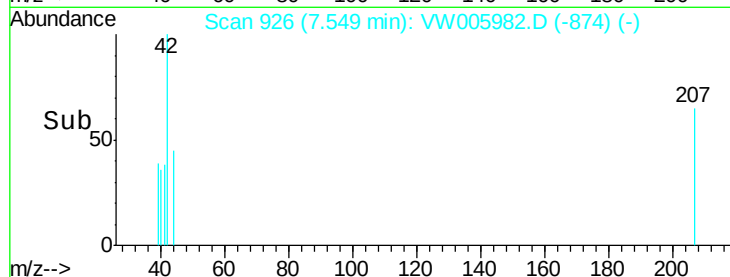
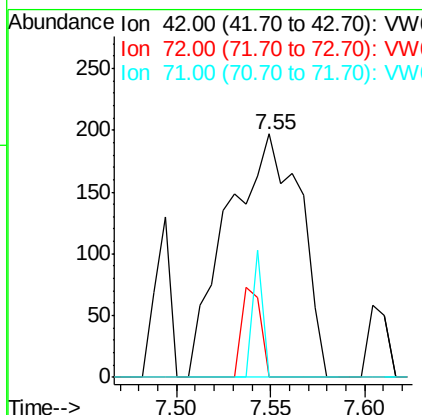
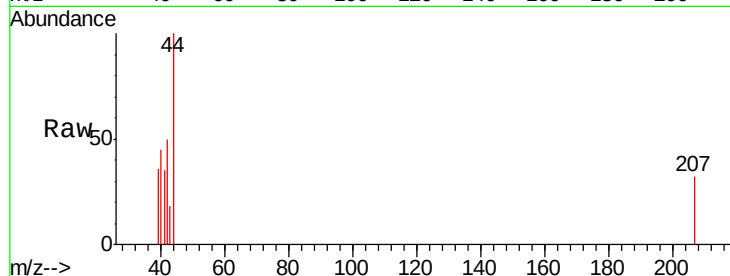




#29
Tetrahydrofuran
Concen: 1.34 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.02 min
Lab File: VW005892.D
Acq: 10 Oct 2018 12:36

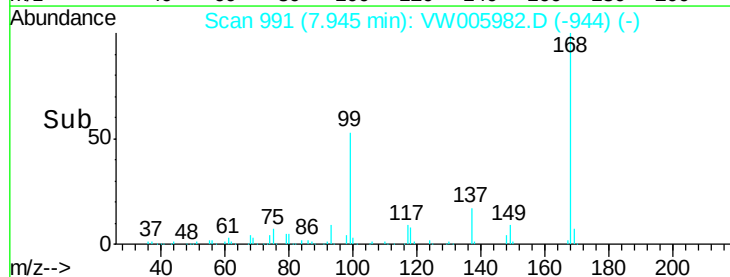
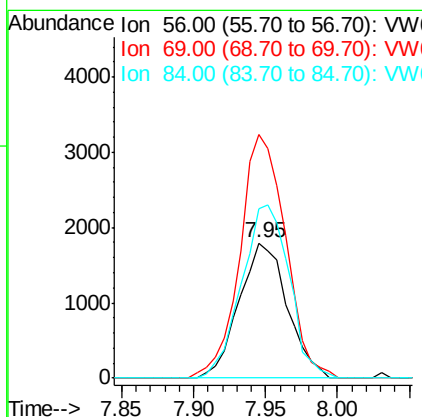
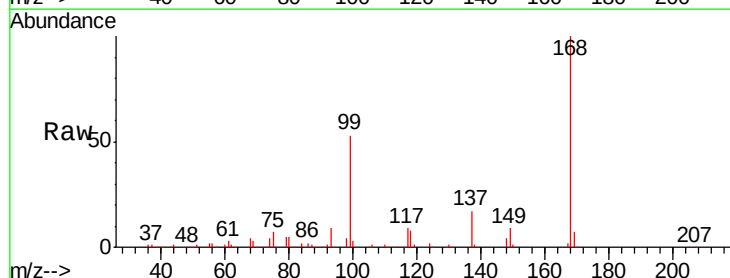
Instrument :
MSVOA_W
ClientSampleId :
SB-6-(2-2.5)

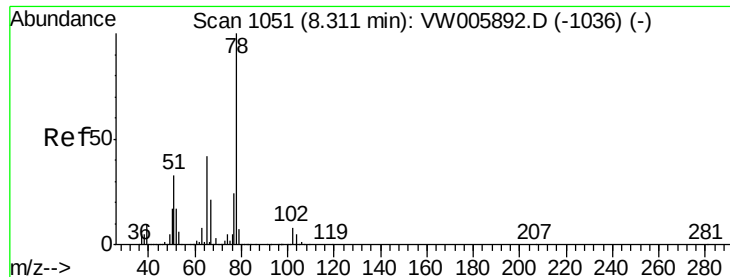
Tgt Ion: 42 Resp: 527
Ion Ratio Lower Upper
42 100
72 9.5 34.6 51.8#
71 7.2 32.6 49.0#



#31
Cyclohexane
Concen: 1.09 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW005892.D
Acq: 10 Oct 2018 12:36

Tgt Ion: 56 Resp: 4170
Ion Ratio Lower Upper
56 100
69 180.3 27.9 41.9#
84 125.6 72.3 108.5#

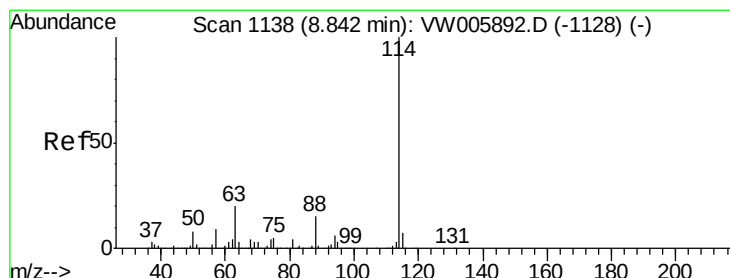
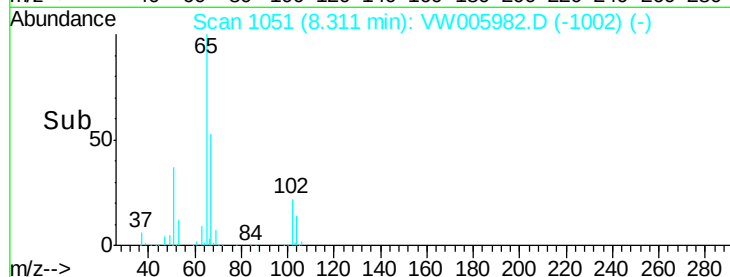
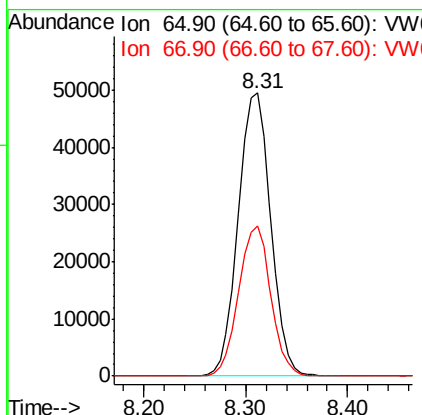
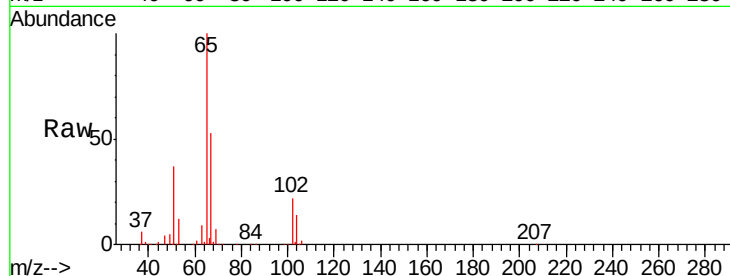




#33
 1,2-Dichloroethane-d4
 Concen: 50.32 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005892.D
 Acq: 10 Oct 2018 12:36

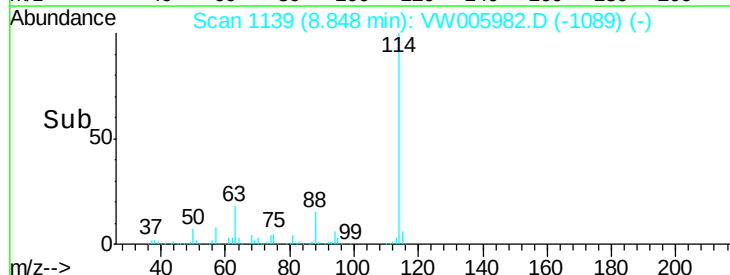
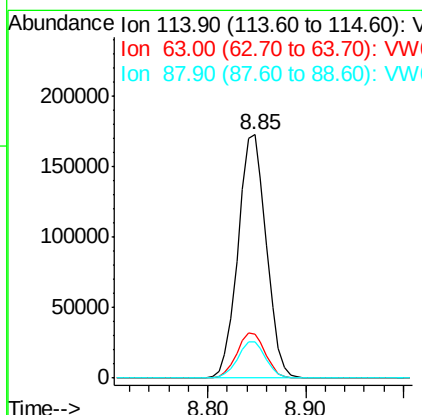
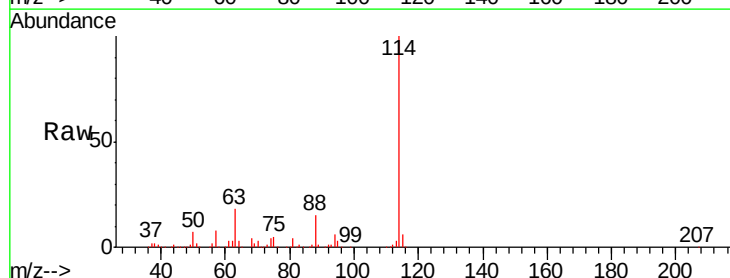
Instrument :
 MSVOA_W
 ClientSampled :
 SB-6-(2-2.5)

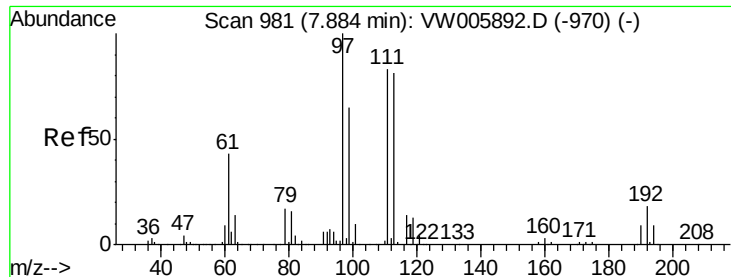
Tgt Ion: 65 Resp: 109900
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005892.D
 Acq: 10 Oct 2018 12:36

Tgt Ion: 114 Resp: 345914
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 39.2
 88 15.0 0.0 30.8

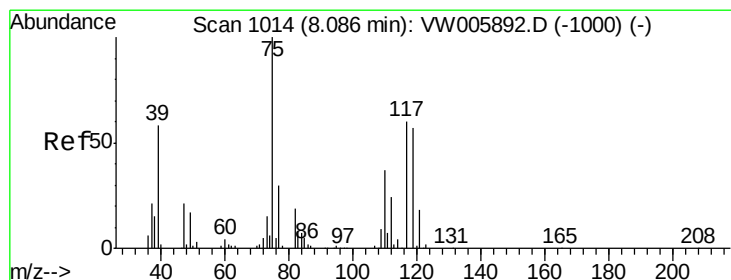
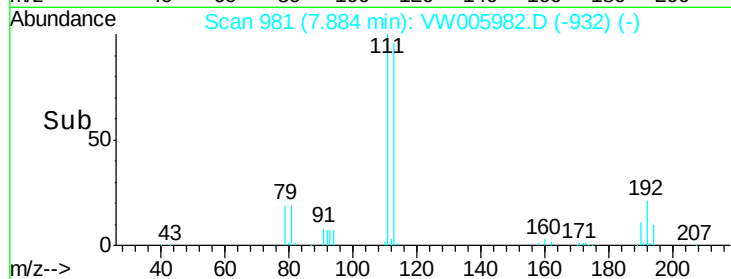
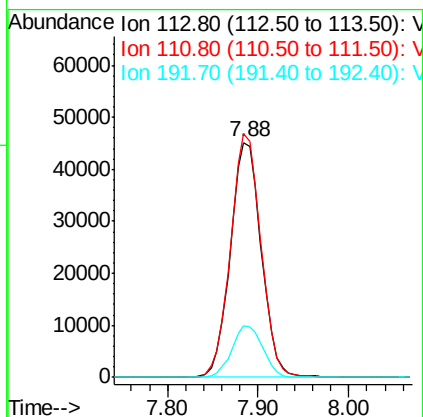
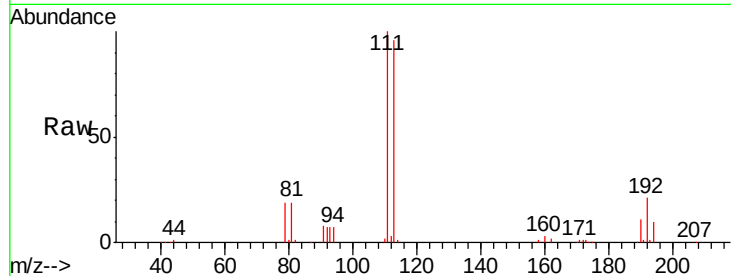




#35
 Dibromofluoromethane
 Concen: 48.57 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005892.D
 Acq: 10 Oct 2018 12:36

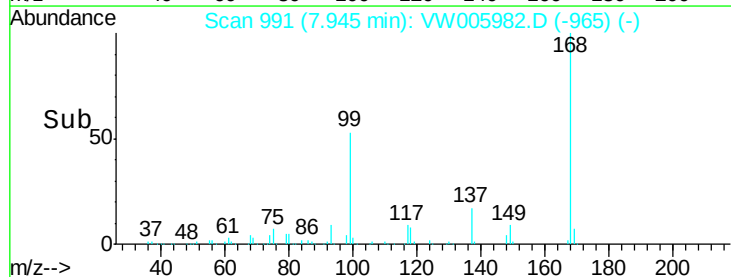
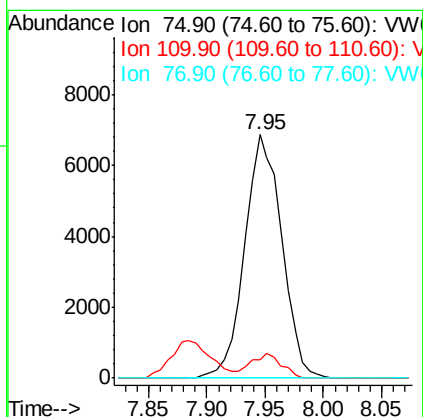
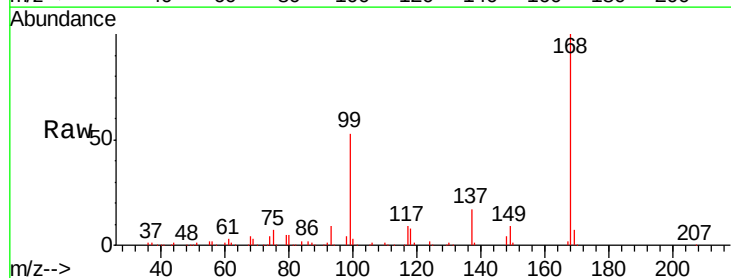
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-6-(2-2.5)

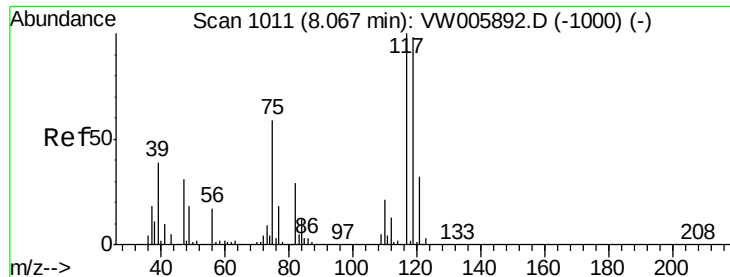
Tgt Ion:113 Resp: 107274
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.0 123.0
 192 22.0 18.3 27.5



#36
 1,1-Dichloropropene
 Concen: 4.59 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW005892.D
 Acq: 10 Oct 2018 12:36

Tgt Ion: 75 Resp: 15230
 Ion Ratio Lower Upper
 75 100
 110 8.1 18.6 56.0#
 77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.76 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW005892.D

Acq: 10 Oct 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

SB-6-(2-2.5)

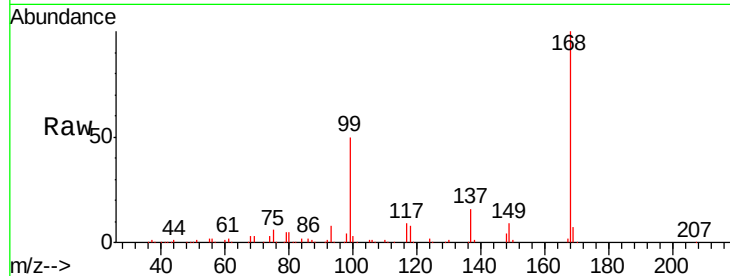
Tgt Ion:117 Resp: 20527

Ion Ratio Lower Upper

117 100

119 4.3 78.6 117.8#

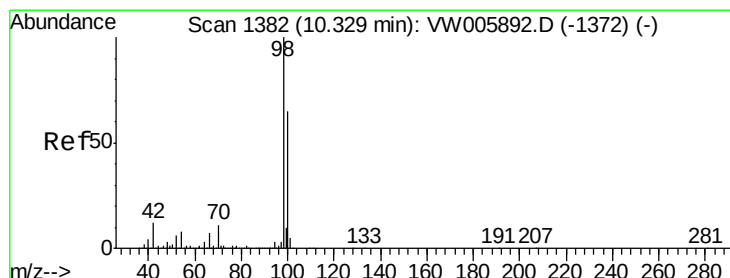
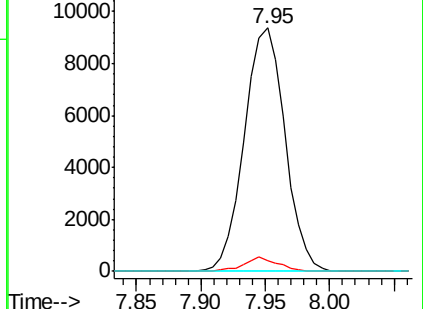
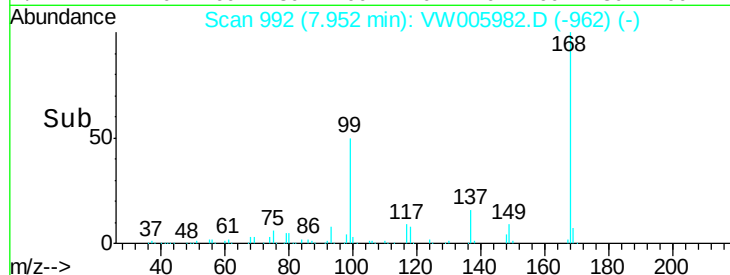
121 0.0 25.3 37.9#



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: 43.71 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW005892.D

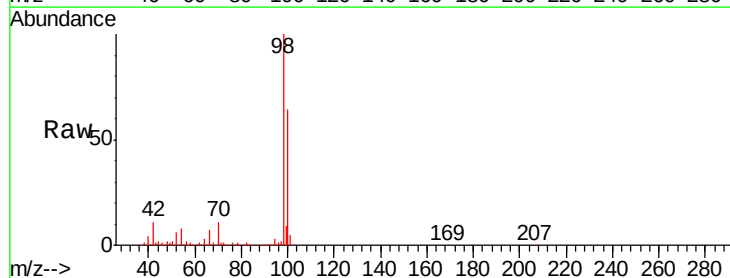
Acq: 10 Oct 2018 12:36

Tgt Ion: 98 Resp: 371448

Ion Ratio Lower Upper

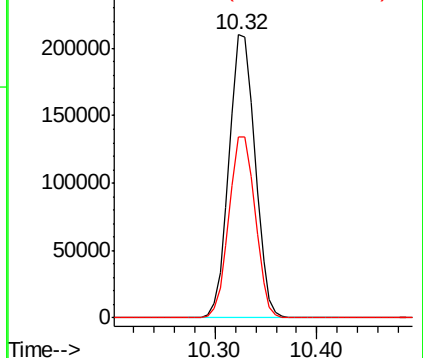
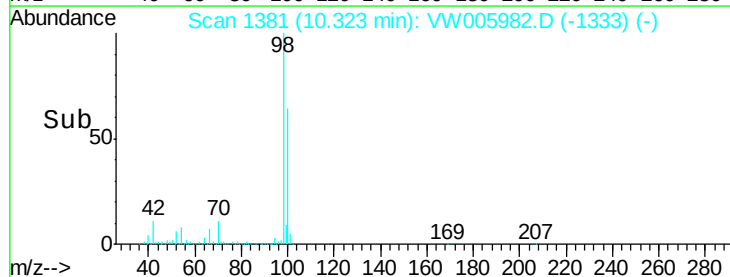
98 100

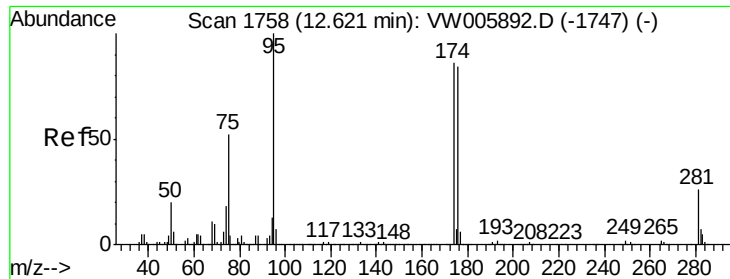
100 64.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

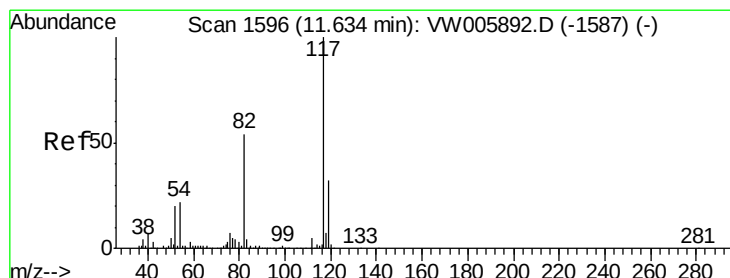
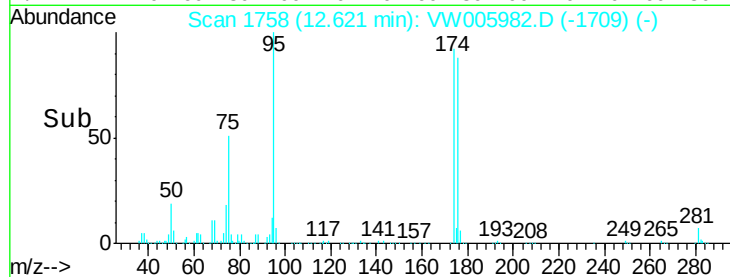
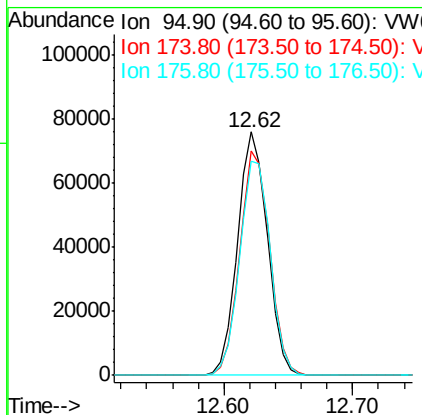
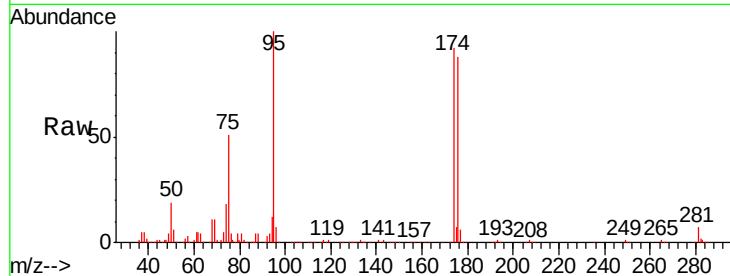




#62
4-Bromofluorobenzene
Concen: 37.64 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005892.D
Acq: 10 Oct 2018 12:36

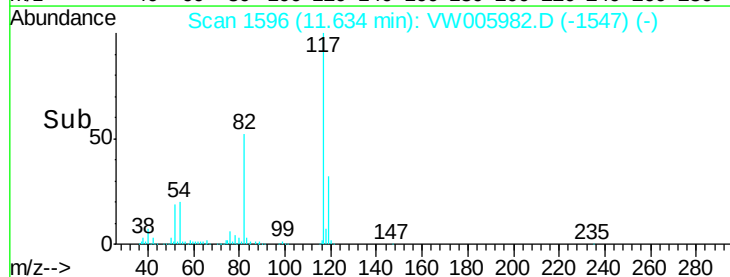
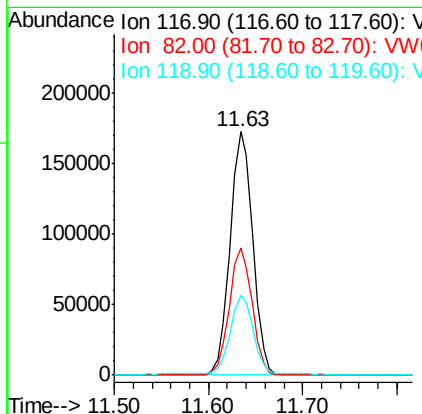
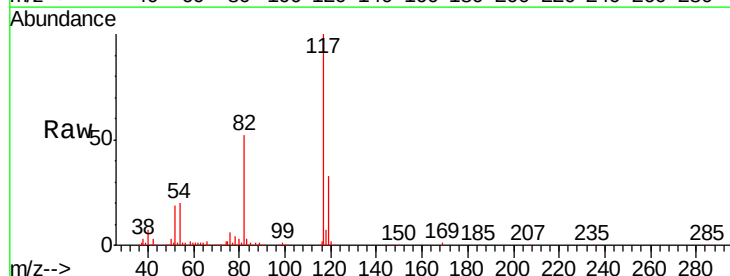
Instrument :
MSVOA_W
ClientSampleId :
SB-6-(2-2.5)

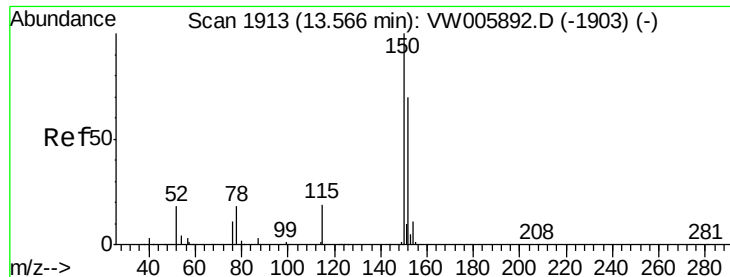
Tgt Ion: 95 Resp: 121699
Ion Ratio Lower Upper
95 100
174 92.3 0.0 176.4
176 90.4 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005892.D
Acq: 10 Oct 2018 12:36

Tgt Ion: 117 Resp: 287033
Ion Ratio Lower Upper
117 100
82 52.3 43.5 65.3
119 32.4 25.4 38.2

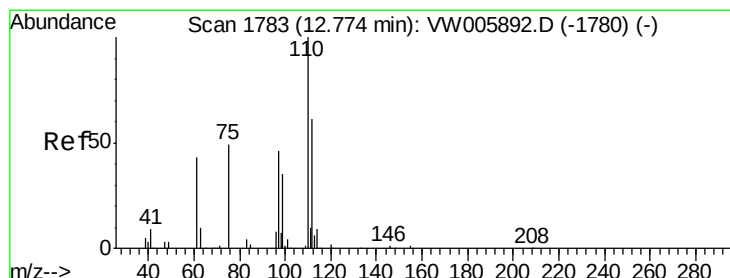
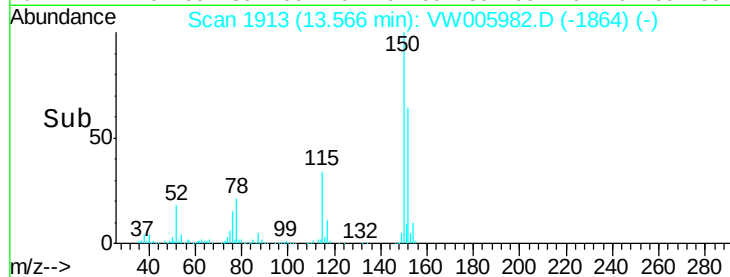
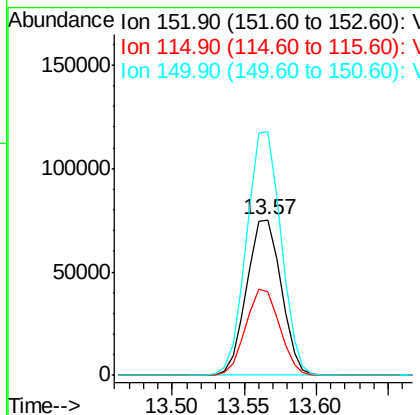
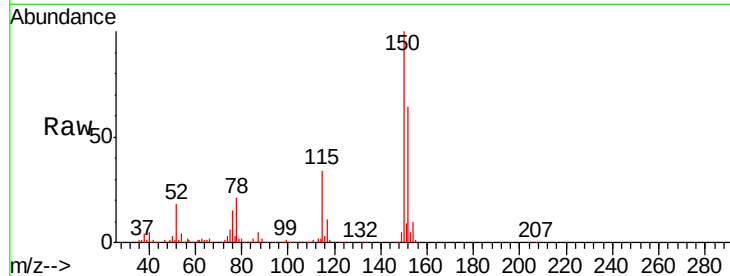




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. -0.00 min
 Lab File: VW005892.D
 Acq: 10 Oct 2018 12:36

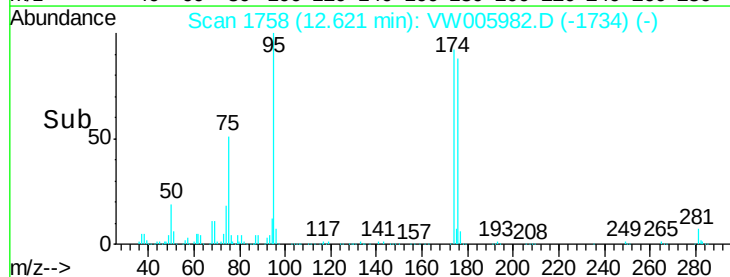
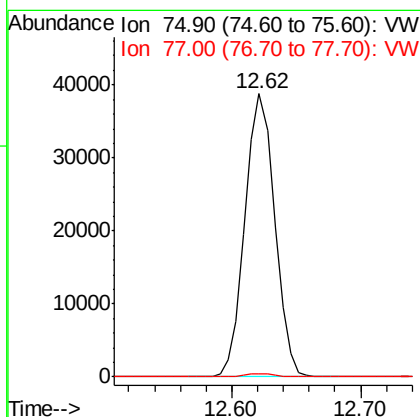
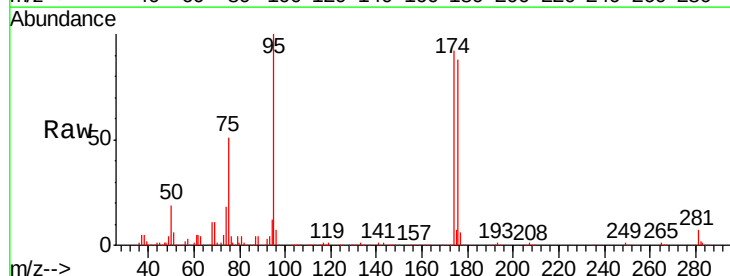
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-6-(2-2.5)

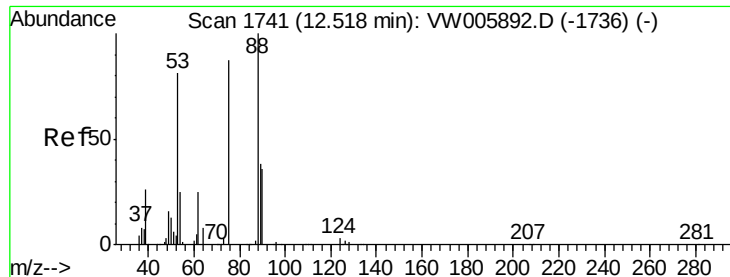
Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	28.3	85.0
150	155.7	0.0	349.2



#76
 1,2,3-Trichloropropane
 Concen: 55.28 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW005892.D
 Acq: 10 Oct 2018 12:36

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 116.70 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005892.D

Acq: 10 Oct 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

SB-6-(2-2.5)

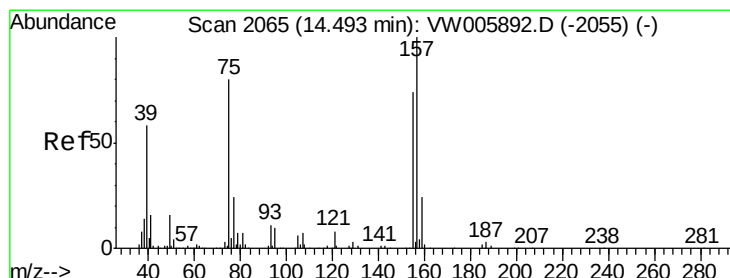
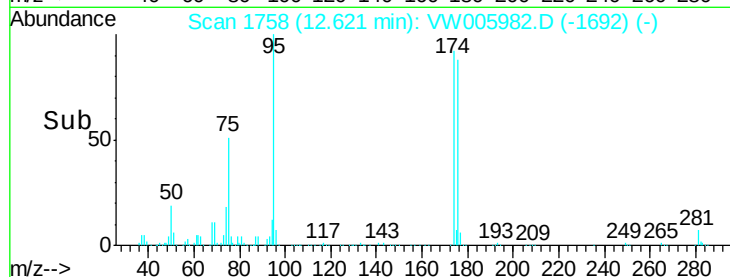
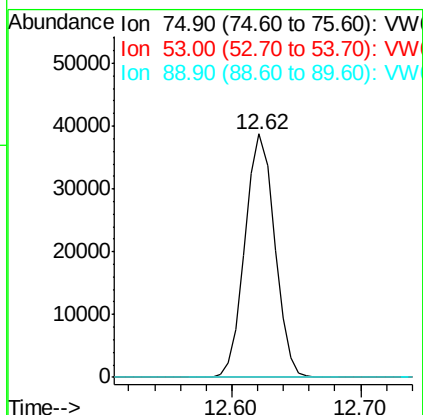
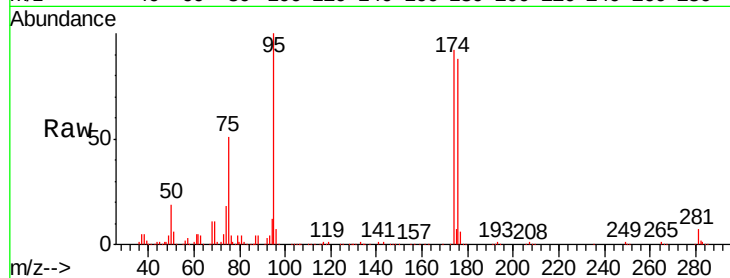
Tgt Ion: 75 Resp: 61782

Ion Ratio Lower Upper

75 100

53 0.0 76.5 114.7#

89 0.0 37.6 56.4#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.05 ug/l

RT: 14.33 min Scan# 2039

Delta R.T. -0.16 min

Lab File: VW005892.D

Acq: 10 Oct 2018 12:36

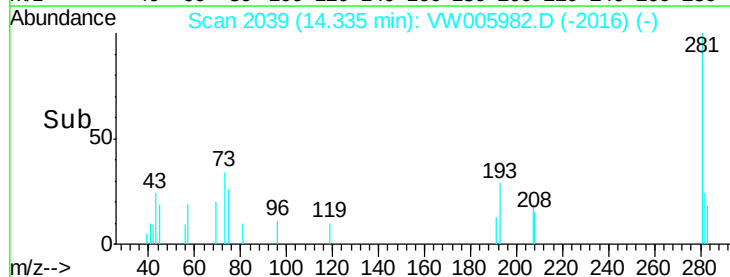
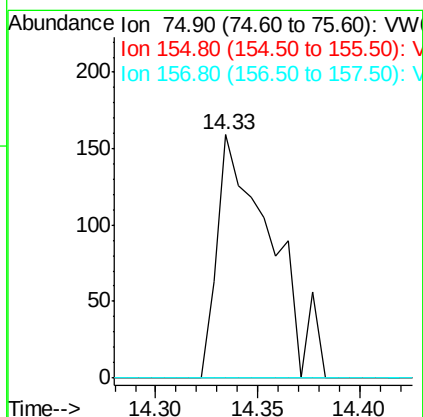
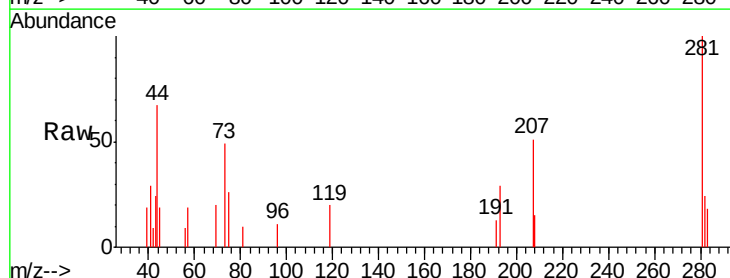
Tgt Ion: 75 Resp: 292

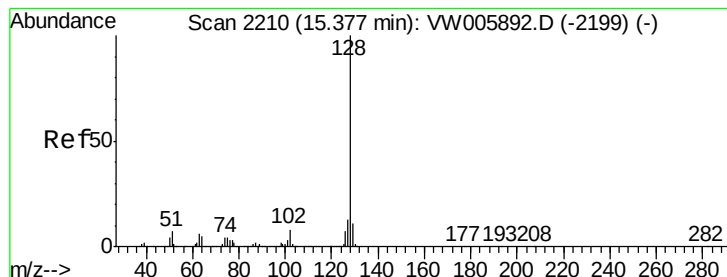
Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.3#

157 0.0 58.9 176.6#





#95

Naphthalene

Concen: 10.50 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW005982.D

Acq: 10 Oct 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

SB-6-(2-2.5)

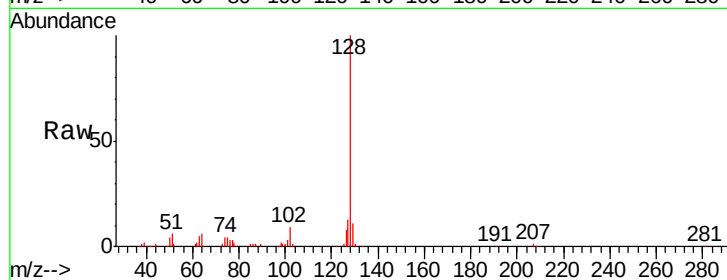
Tgt Ion:128 Resp: 53609

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 11.3 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

