

Data File : VW005914.D
Acq On : 09 Oct 2018 01:28
Operator : SY/AP
Sample : J5302-04
Misc : 5.48G/5ML/MSVOA_W/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-TW-4-(15.5-17)

Quant Time: Oct 09 06:16:00 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	465723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	721157	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	662319	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	353518	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	141087	31.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	62.42%	
35) Dibromofluoromethane	7.88	113	159596	34.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.32%	
50) Toluene-d8	10.33	98	560067	31.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.24%	
62) 4-Bromofluorobenzene	12.62	95	221787	32.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.82%	

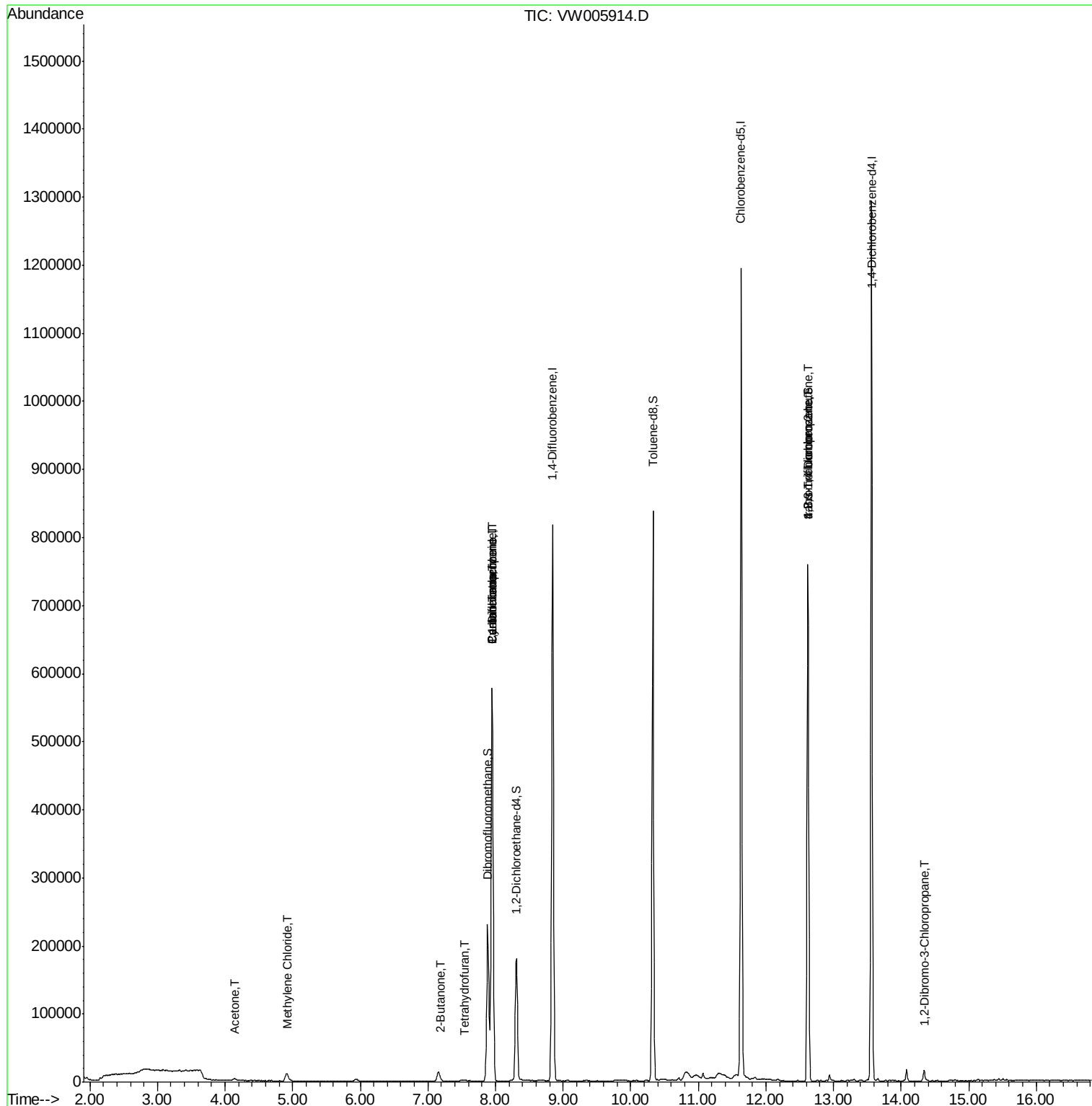
Target Compounds				Qvalue		
16) Acetone	4.15	43	5947	6.585	ug/l	100
20) Methylene Chloride	4.92	84	9057	2.002	ug/l	96
25) 2-Butanone	7.19	43	1647	1.282	ug/l	93
29) Tetrahydrofuran	7.55	42	1448	1.783	ug/l #	66
31) Cyclohexane	7.95	56	9151	1.156	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	31415	4.546	ug/l #	49
38) Carbon Tetrachloride	7.95	117	41186	5.548	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	113369	35.900	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	113369	75.789	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.34	75	913	1.158	ug/l #	1

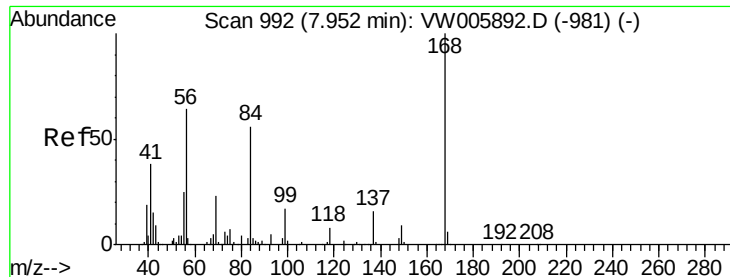
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005914.D

Acq: 09 Oct 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

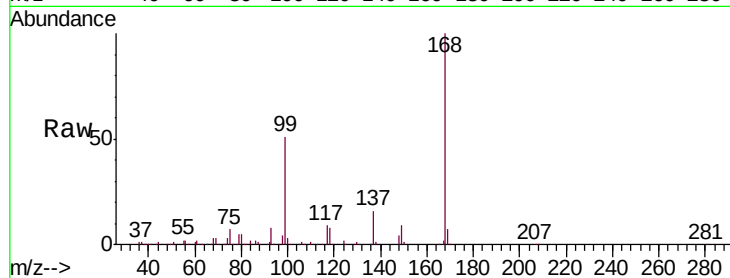
SB-TW-4-(15.5-17)

Tgt Ion:168 Resp: 465723

Ion Ratio Lower Upper

168 100

99 50.9 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

250000

200000

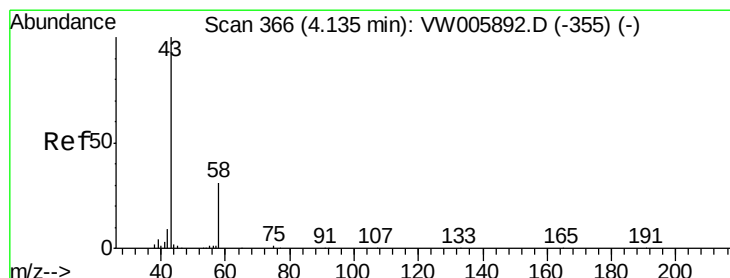
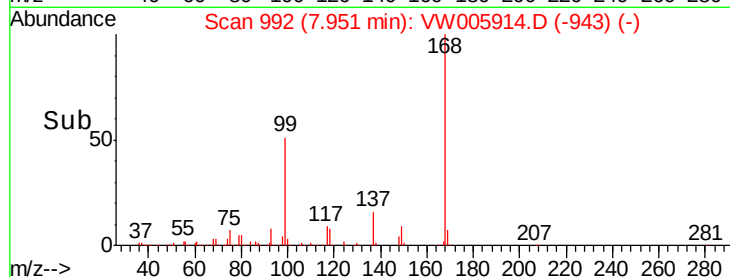
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.585 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW005914.D

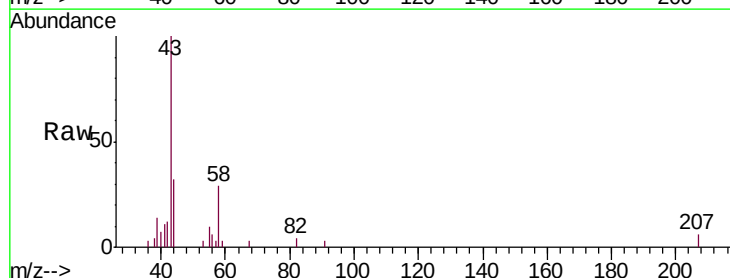
Acq: 09 Oct 2018 01:28

Tgt Ion: 43 Resp: 5947

Ion Ratio Lower Upper

43 100

58 31.0 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

2000

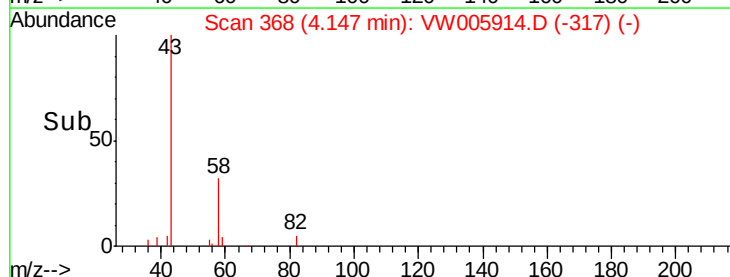
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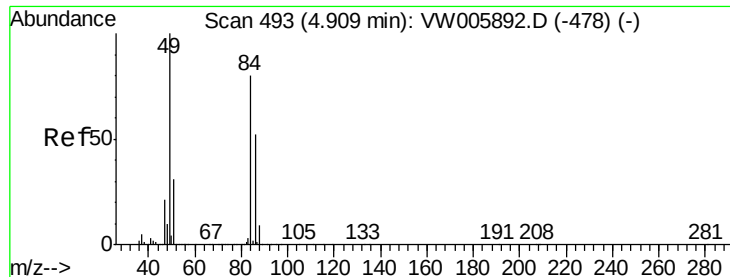
1000

500

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Time-->

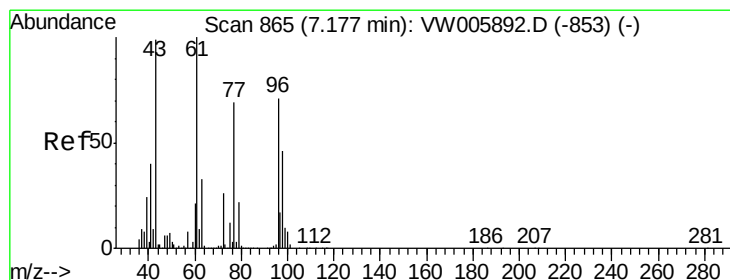
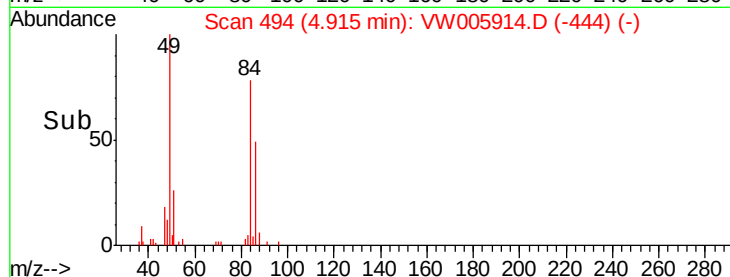
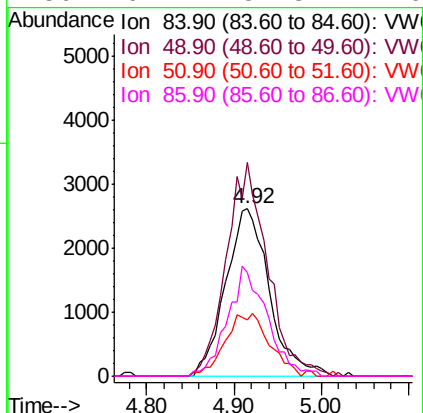
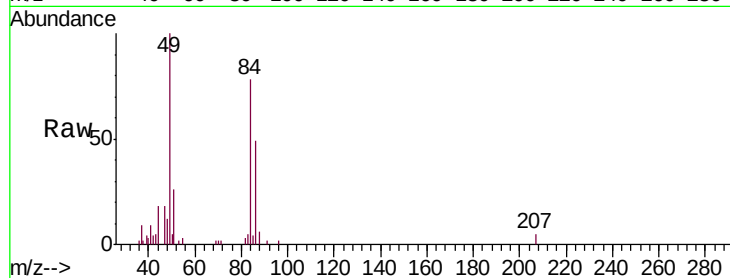




#20
Methylene Chloride
Concen: 2.002 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW005914.D
Acq: 09 Oct 2018 01:28

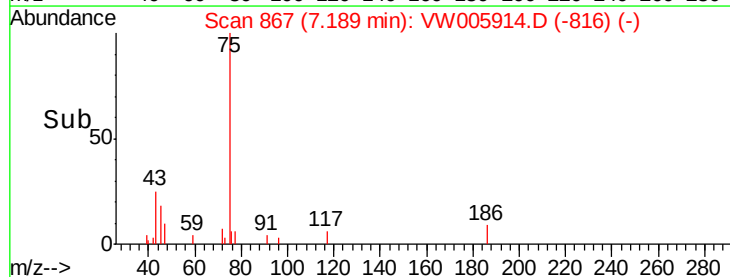
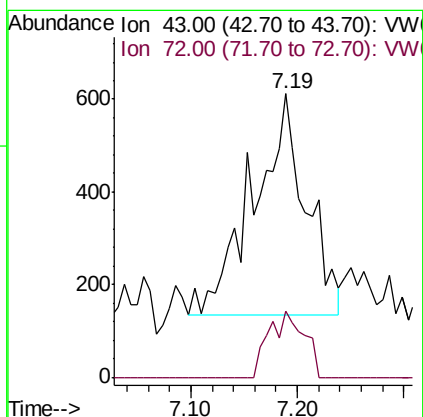
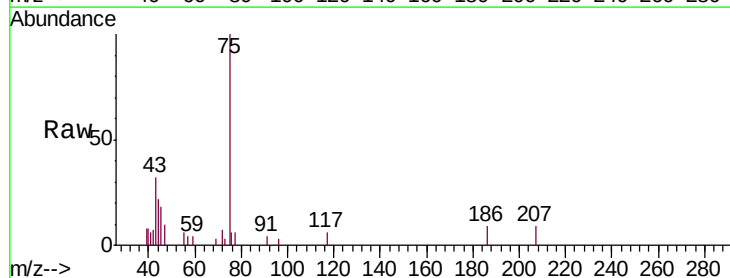
Instrument :
MSVOA_W
ClientSampleId :
SB-TW-4-(15.5-17)

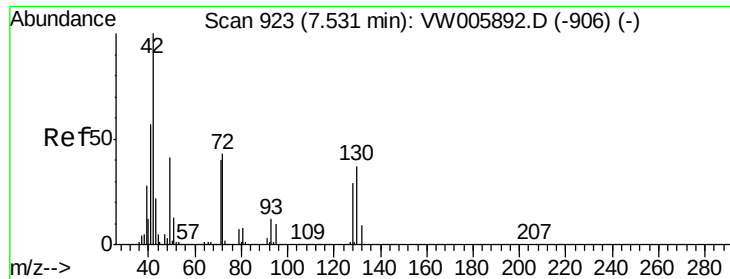
Tgt Ion:	84	Resp:	9057
Ion	Ratio	Lower	Upper
84	100		
49	127.5	99.9	149.9
51	33.5	31.1	46.7
86	62.1	51.8	77.6



#25
2-Butanone
Concen: 1.282 ug/l
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: VW005914.D
Acq: 09 Oct 2018 01:28

Tgt Ion:	43	Resp:	1647
Ion	Ratio	Lower	Upper
43	100		
72	29.9	21.0	31.4





#29

Tetrahydrofuran

Concen: 1.783 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.02 min

Lab File: VW005914.D

Acq: 09 Oct 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

SB-TW-4-(15.5-17)

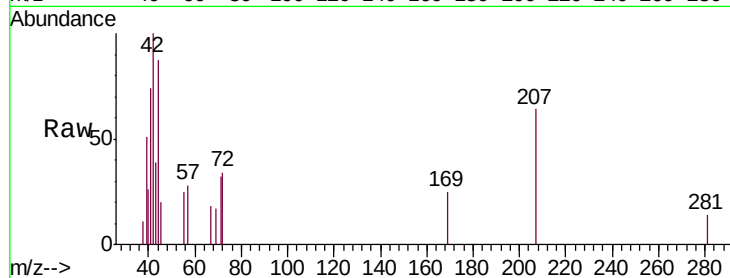
Tgt Ion: 42 Resp: 1448

Ion Ratio Lower Upper

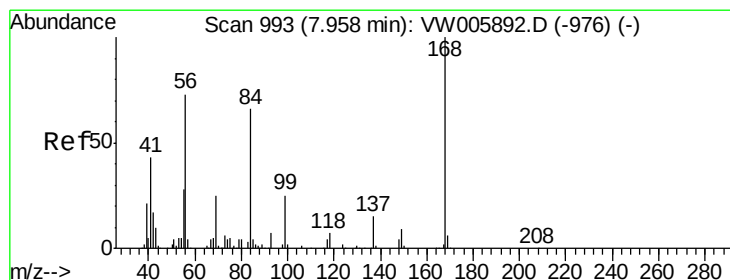
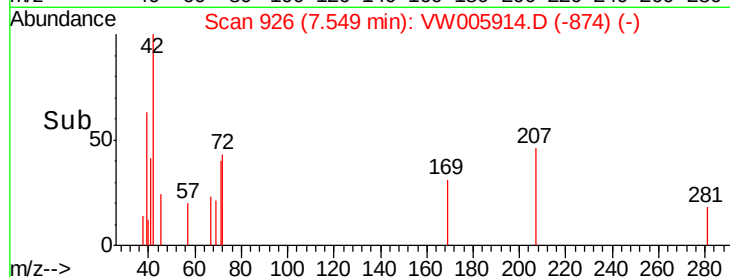
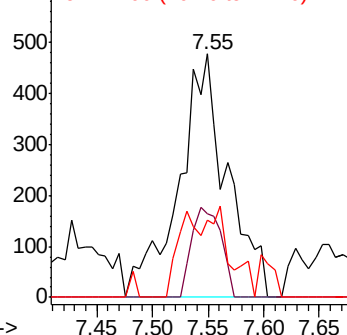
42 100

72 22.7 34.6 51.8#

71 18.4 32.6 49.0#



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: 1.156 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW005914.D

Acq: 09 Oct 2018 01:28

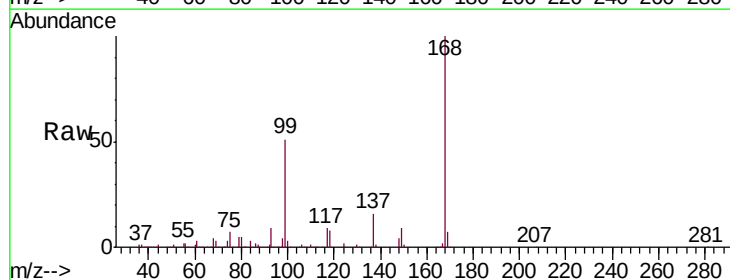
Tgt Ion: 56 Resp: 9151

Ion Ratio Lower Upper

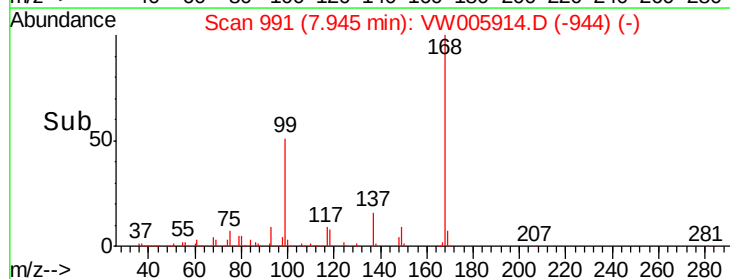
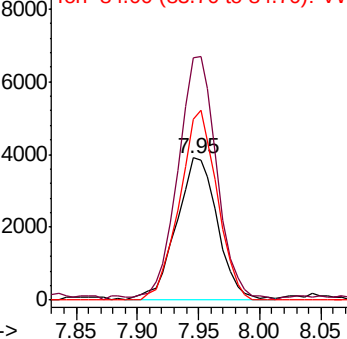
56 100

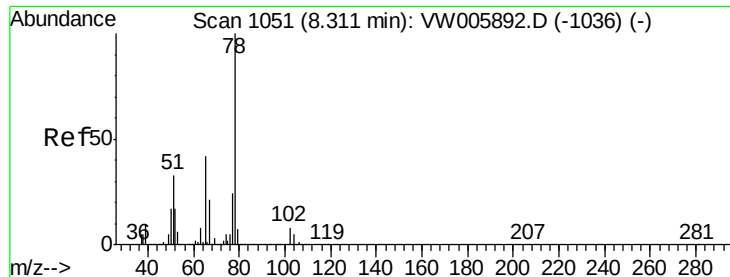
69 170.8 27.9 41.9#

84 127.0 72.3 108.5#



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

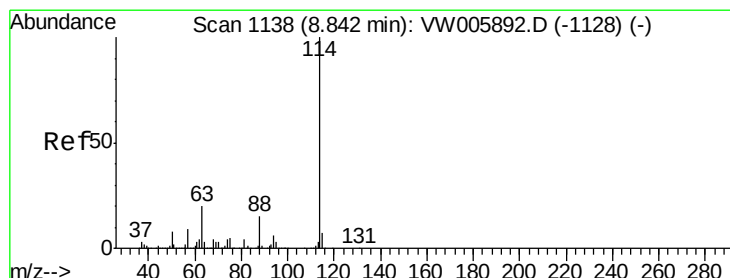
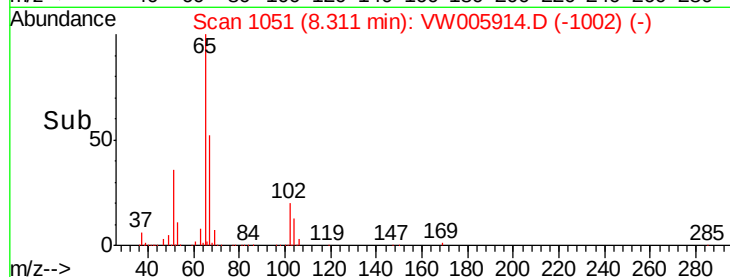
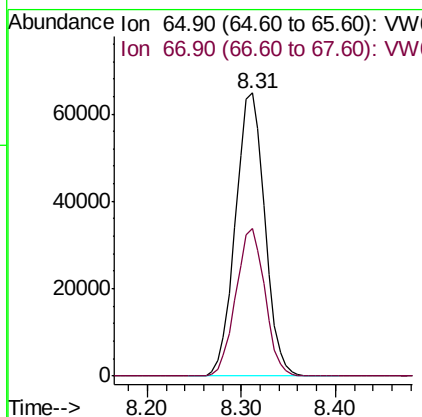
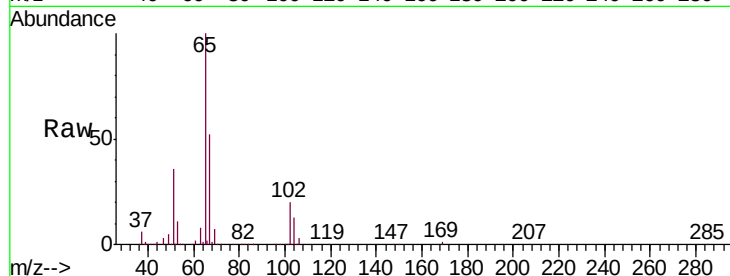




#33
 1,2-Dichloroethane-d4
 Concen: 31.206 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005914.D
 Acq: 09 Oct 2018 01:28

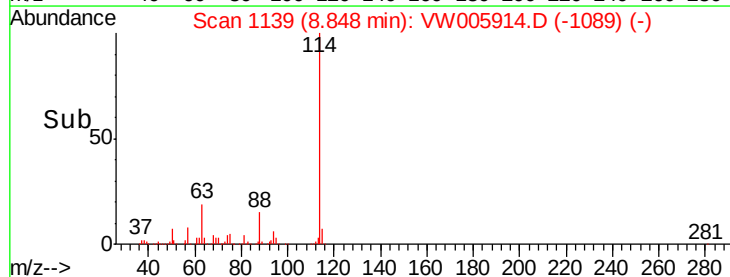
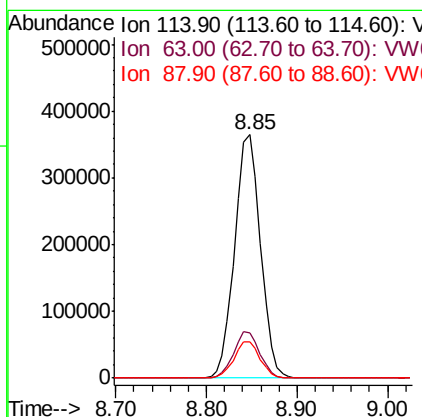
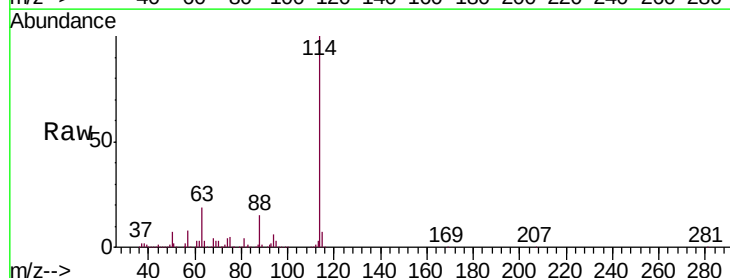
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-TW-4-(15.5-17)

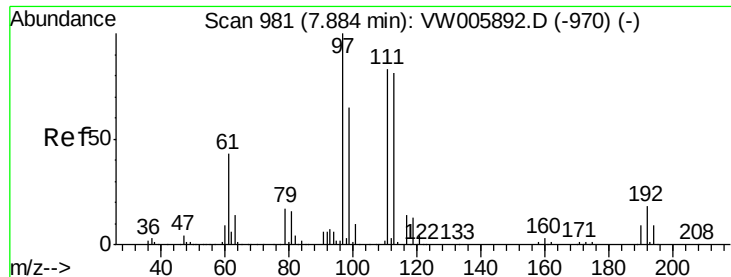
Tgt Ion: 65 Resp: 141087
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005914.D
 Acq: 09 Oct 2018 01:28

Tgt Ion: 114 Resp: 721157
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.2
 88 14.9 0.0 30.8

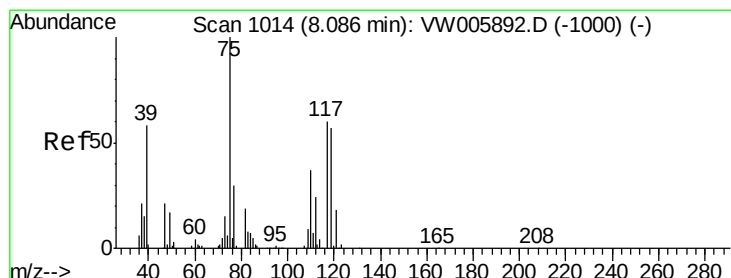
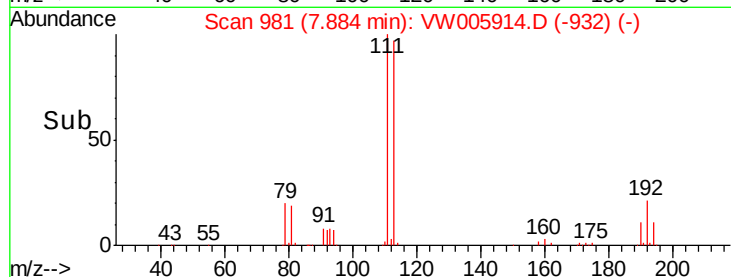
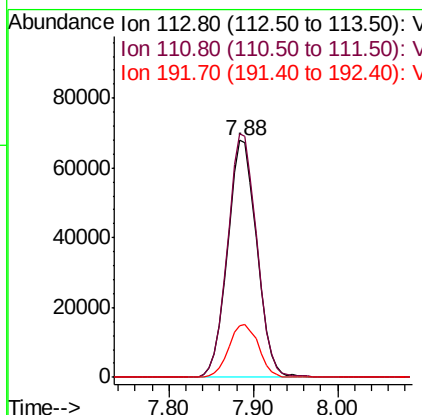
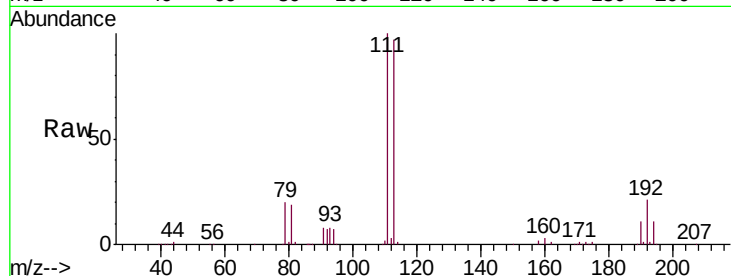




#35
 Dibromofluoromethane
 Concen: 34.663 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005914.D
 Acq: 09 Oct 2018 01:28

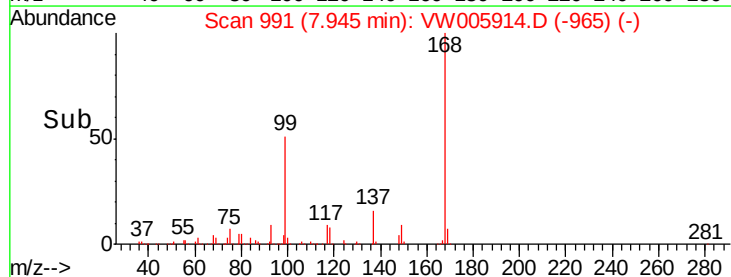
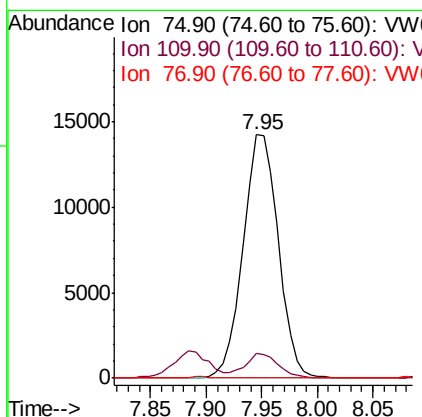
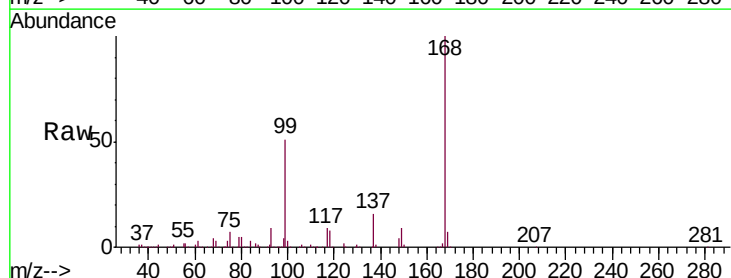
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-TW-4-(15.5-17)

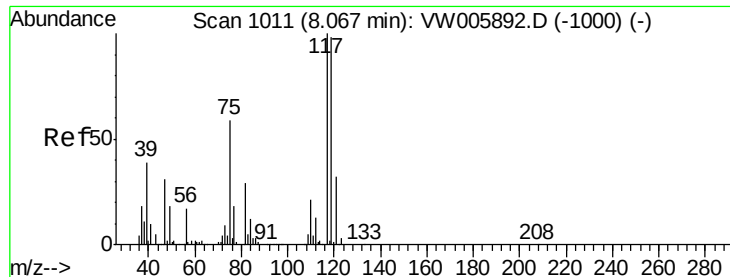
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.0	123.0
192	22.8	18.3	27.5



#36
 1,1-Dichloropropene
 Concen: 4.546 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW005914.D
 Acq: 09 Oct 2018 01:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.6	56.0#
77	0.0	24.7	37.1#

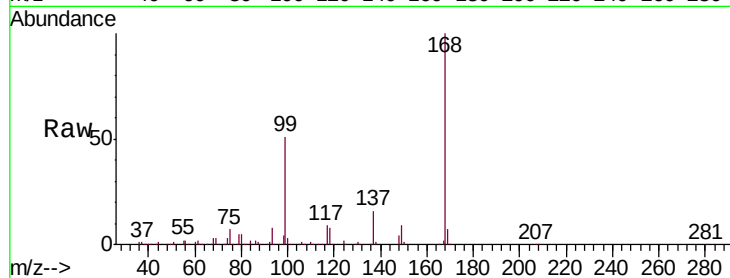




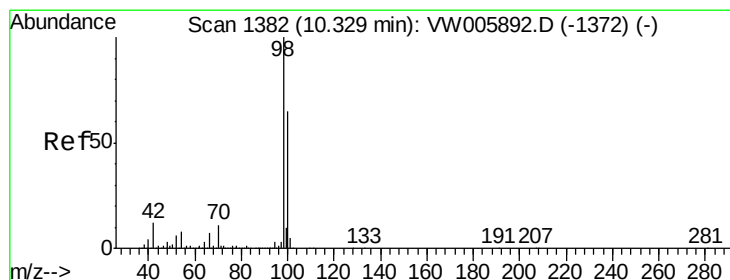
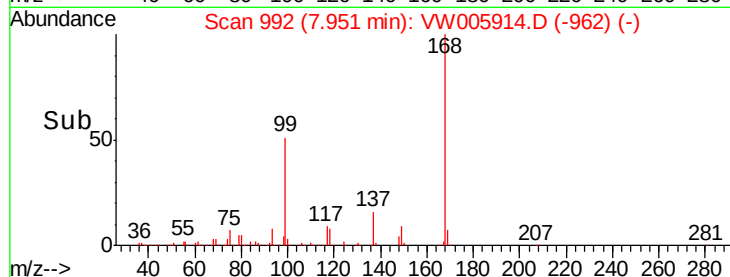
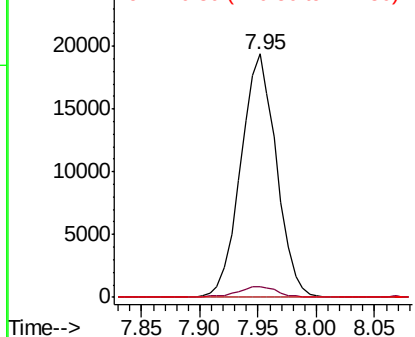
#38
Carbon Tetrachloride
Concen: 5.548 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW005914.D
Acq: 09 Oct 2018 01:28

Instrument :
MSVOA_W
ClientSampleId :
SB-TW-4(15.5-17)

Tgt Ion:117 Resp: 41186
Ion Ratio Lower Upper
117 100
119 4.1 78.6 117.8#
121 0.0 25.3 37.9#

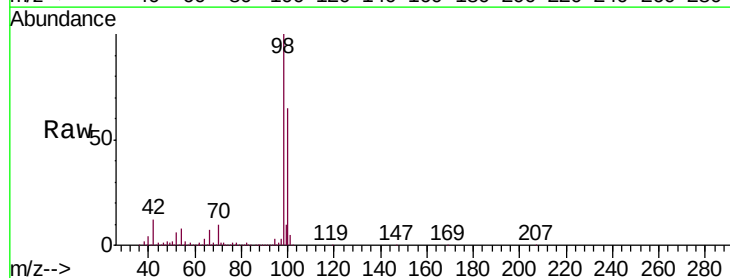


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

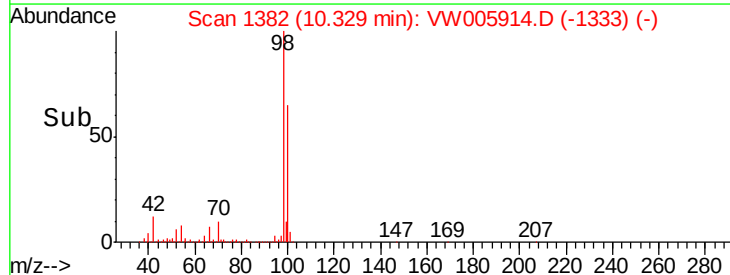
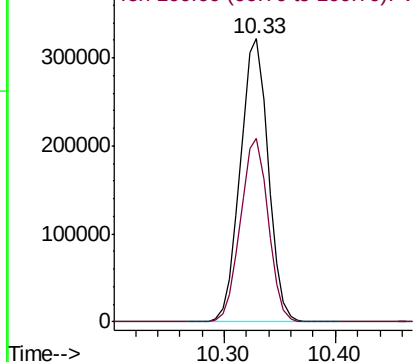


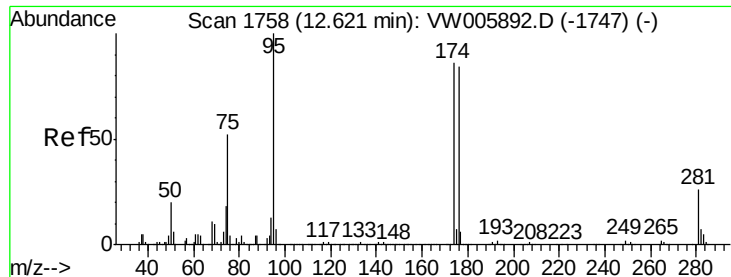
#50
Toluene-d8
Concen: 31.616 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005914.D
Acq: 09 Oct 2018 01:28

Tgt Ion: 98 Resp: 560067
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V

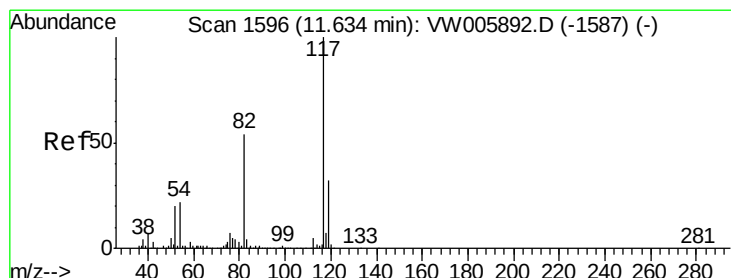
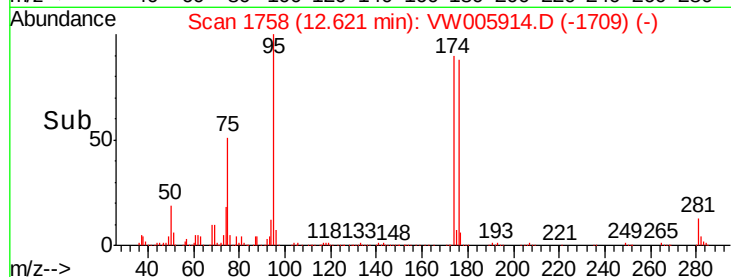
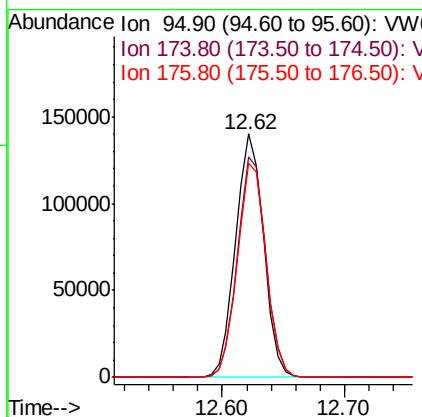
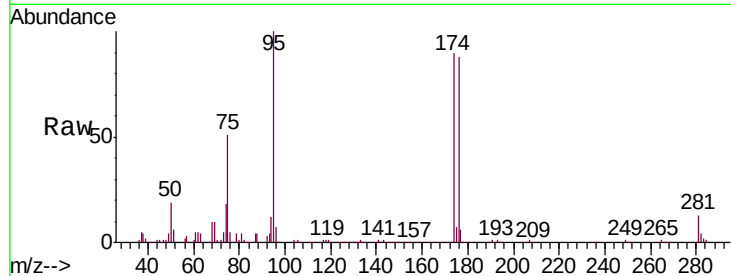




#62
4-Bromofluorobenzene
Concen: 32.907 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005914.D
Acq: 09 Oct 2018 01:28

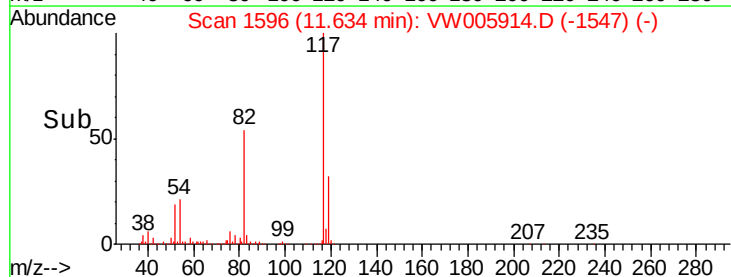
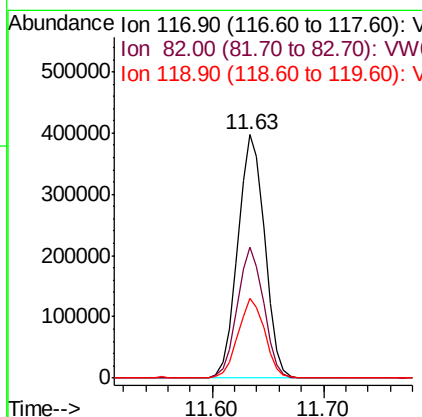
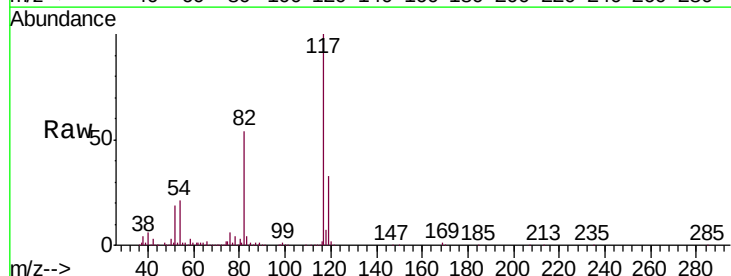
Instrument :
MSVOA_W
ClientSampleId :
SB-TW-4-(15.5-17)

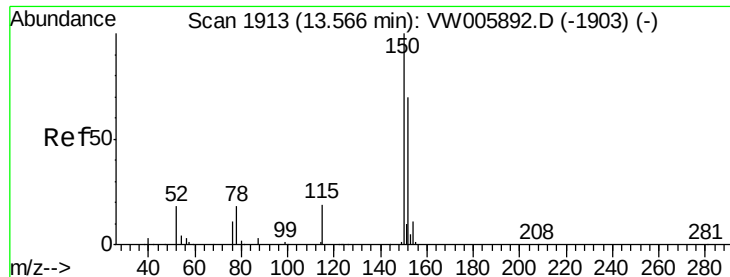
Tgt Ion: 95 Resp: 221787
Ion Ratio Lower Upper
95 100
174 91.9 0.0 176.4
176 89.4 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005914.D
Acq: 09 Oct 2018 01:28

Tgt Ion: 117 Resp: 662319
Ion Ratio Lower Upper
117 100
82 53.7 43.5 65.3
119 32.5 25.4 38.2

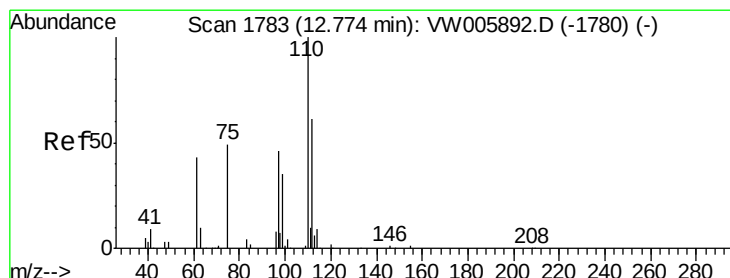
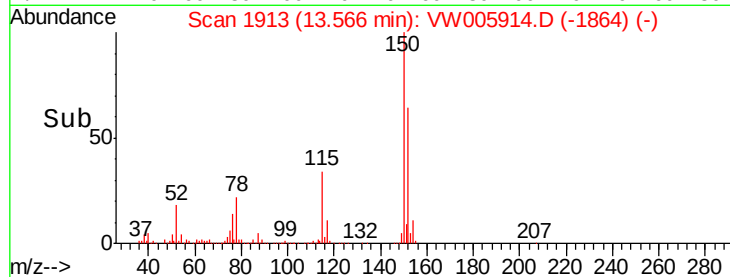
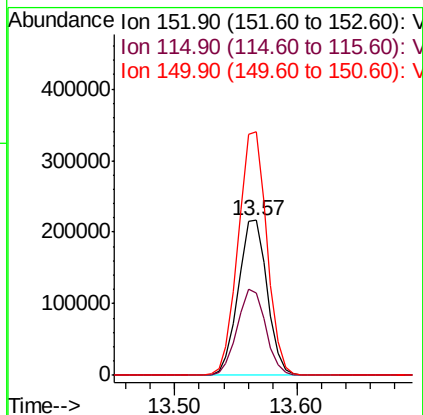
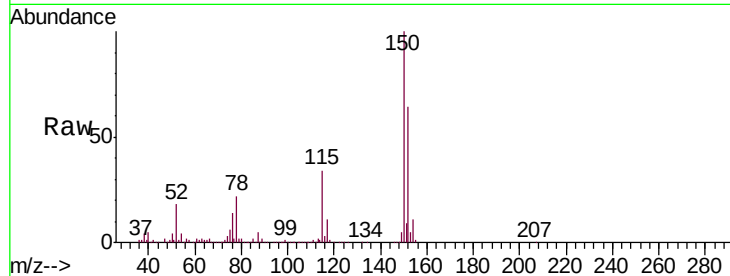




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. -0.00 min
 Lab File: VW005914.D
 Acq: 09 Oct 2018 01:28

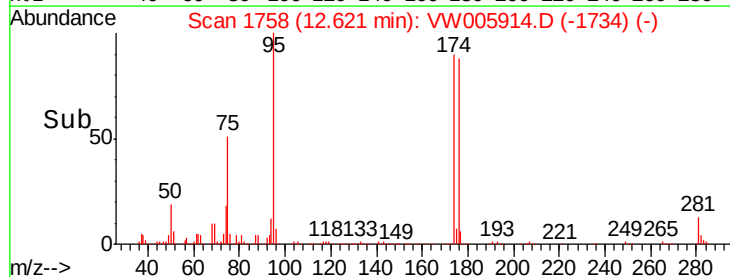
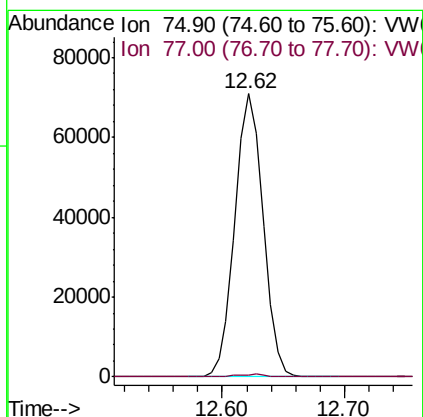
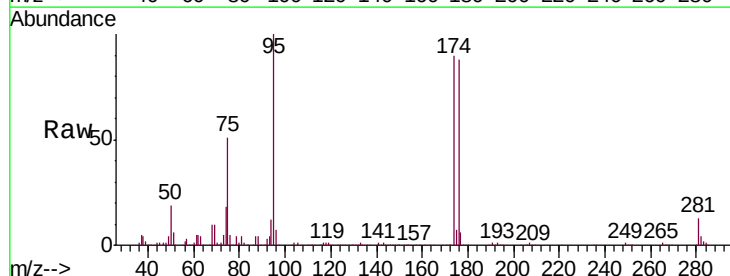
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-TW-4-(15.5-17)

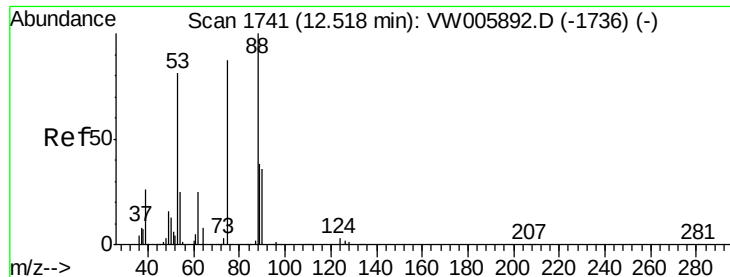
Tgt Ion: 152 Resp: 353518
 Ion Ratio Lower Upper
 152 100
 115 54.7 28.3 85.0
 150 156.0 0.0 349.2



#76
 1,2,3-Trichloropropane
 Concen: 35.900 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW005914.D
 Acq: 09 Oct 2018 01:28

Tgt Ion: 75 Resp: 113369
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 75.789 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005914.D

Acq: 09 Oct 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

SB-TW-4-(15.5-17)

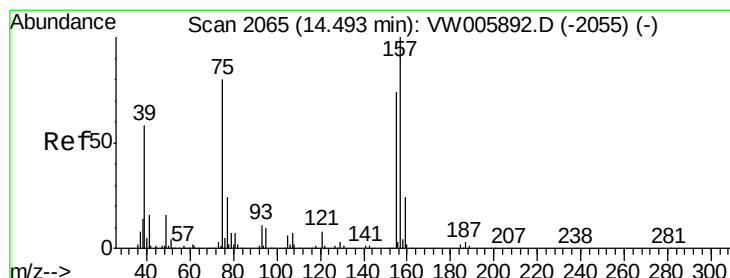
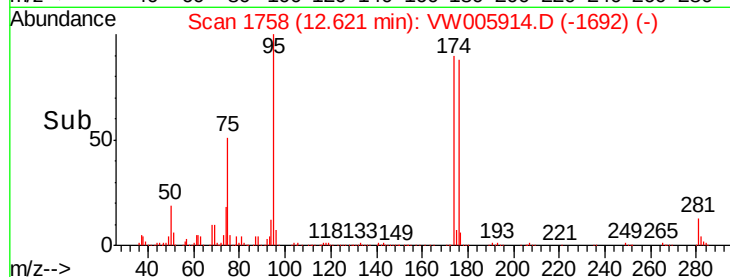
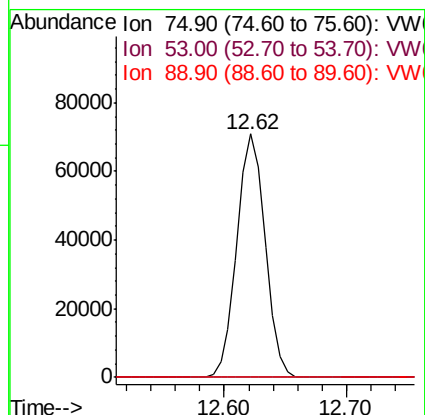
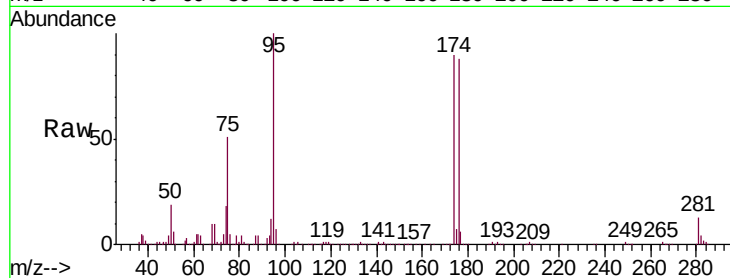
Tgt Ion: 75 Resp: 113369

Ion Ratio Lower Upper

75 100

53 0.0 76.5 114.7#

89 0.1 37.6 56.4#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.158 ug/l

RT: 14.34 min Scan# 2040

Delta R.T. -0.15 min

Lab File: VW005914.D

Acq: 09 Oct 2018 01:28

Tgt Ion: 75 Resp: 913

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.3#

157 0.0 58.9 176.6#

