

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
 Data File : VW005905.D
 Acq On : 08 Oct 2018 19:26
 Operator : SY/AP
 Sample : J5302-01
 Misc : 5.15G/5ML/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-TW-1-(16.5-17)

Quant Time: Oct 09 07:31:01 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	293332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	434193	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	396353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	202049	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	86506	30.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.76%	
35) Dibromofluoromethane	7.89	113	88010	31.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.50%	
50) Toluene-d8	10.33	98	306379	28.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.46%	
62) 4-Bromofluorobenzene	12.62	95	120255	29.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.28%	

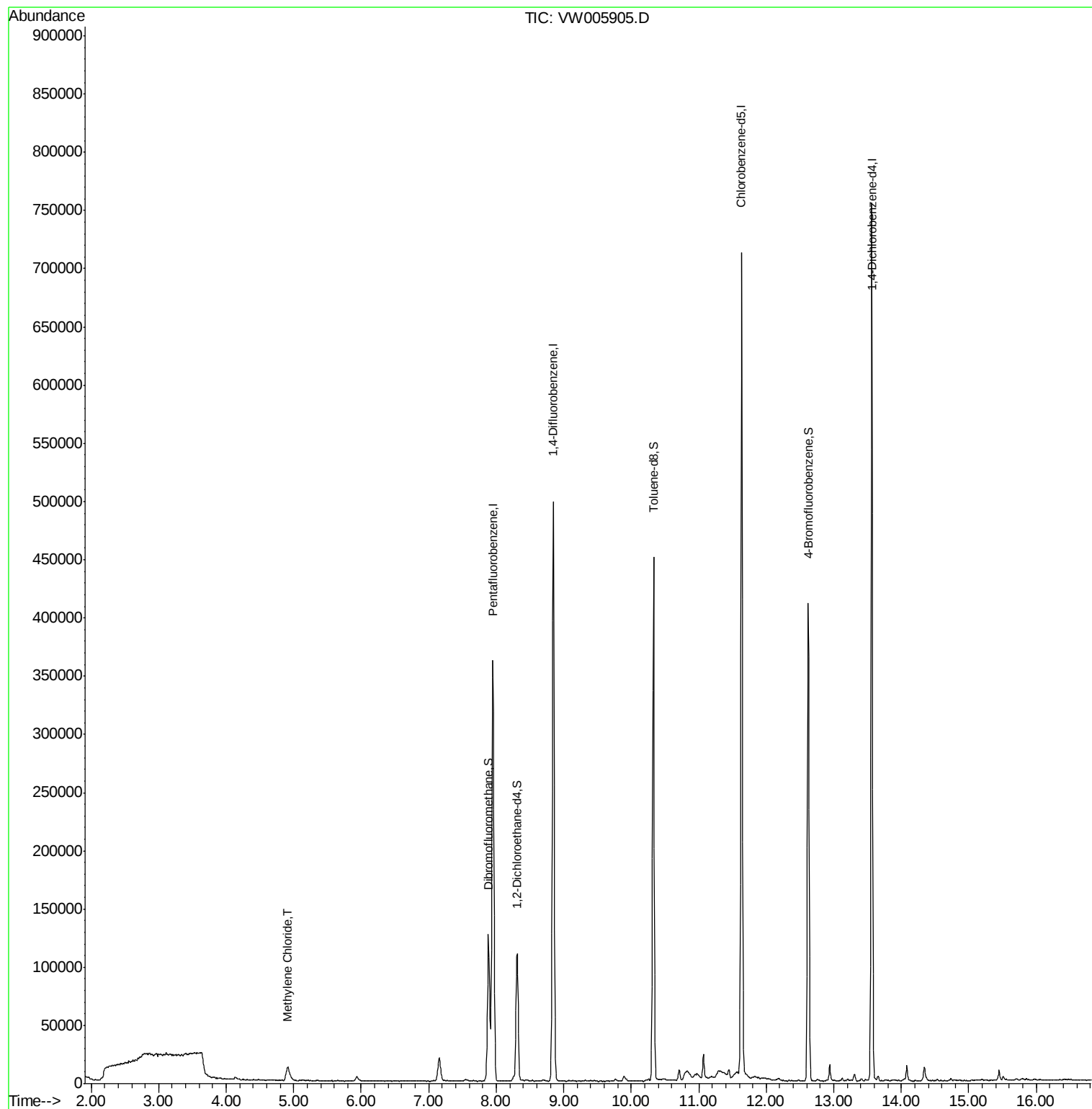
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.91	84	10839	3.80	ug/l	98

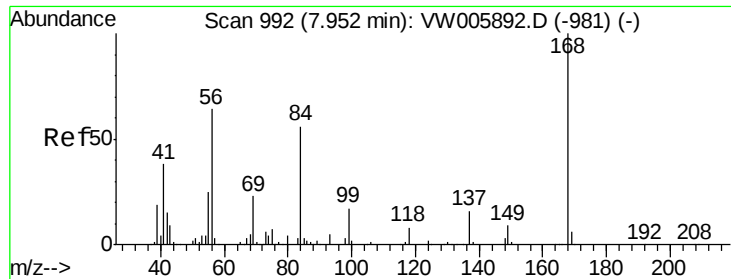
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 09 02:14:04 2018
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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: VW005905.D

Acq: 08 Oct 2018 19:26

Instrument :

MSVOA_W

ClientSampleId :

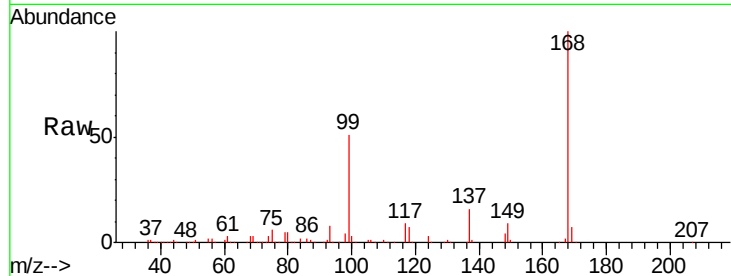
SB-TW-1-(16.5-17)

Tgt Ion:168 Resp: 293332

Ion Ratio Lower Upper

168 100

99 51.5 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

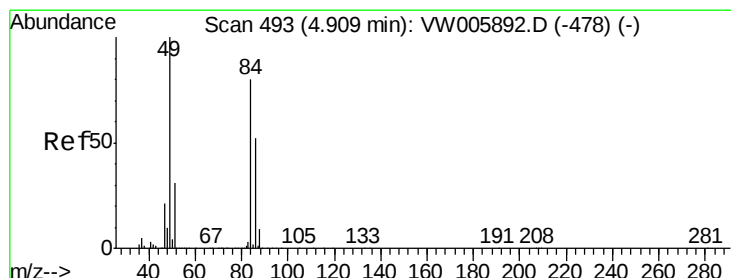
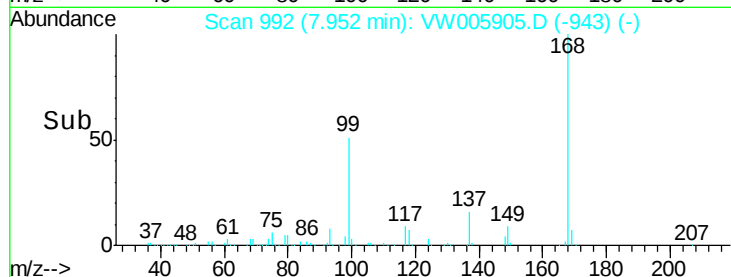
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#20

Methylene Chloride

Concen: 3.80 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW005905.D

Acq: 08 Oct 2018 19:26

Tgt Ion: 84 Resp: 10839

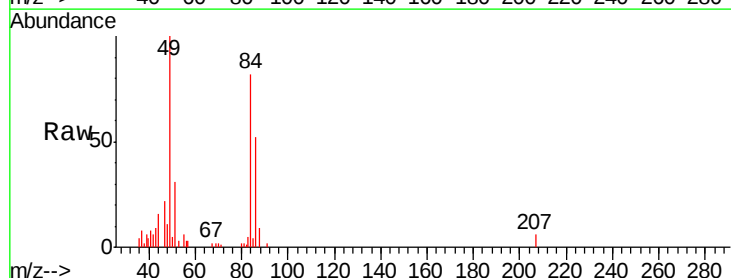
Ion Ratio Lower Upper

84 100

49 122.3 99.9 149.9

51 37.6 31.1 46.7

86 63.9 51.8 77.6



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

4.91

5000

4000

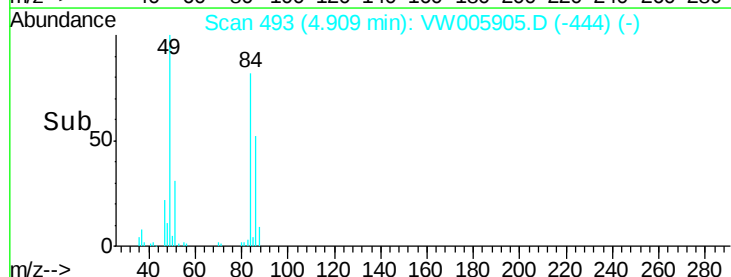
3000

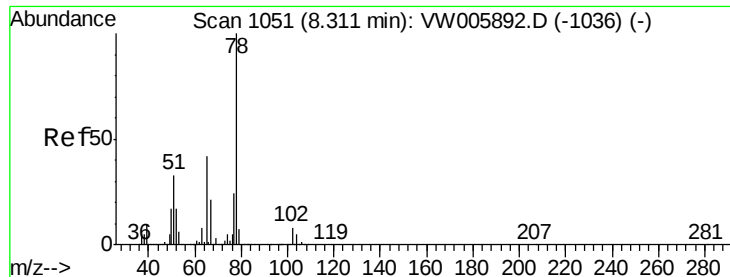
2000

1000

0

Time--> 4.80 4.90 5.00 5.10

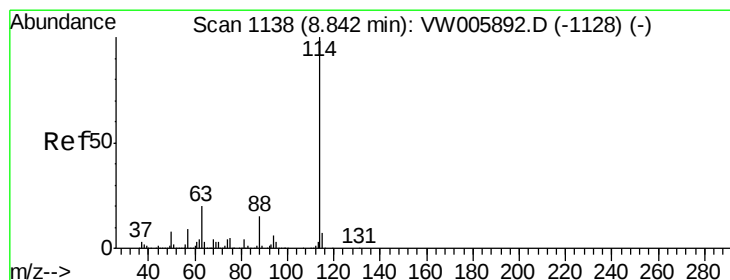
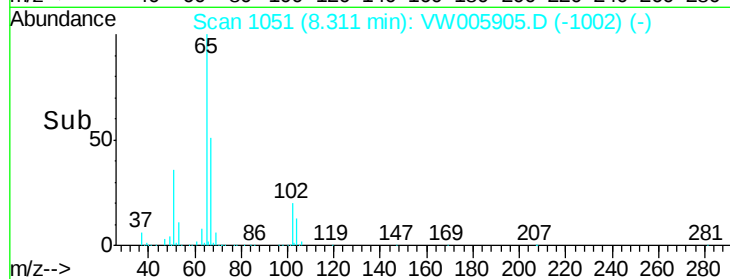
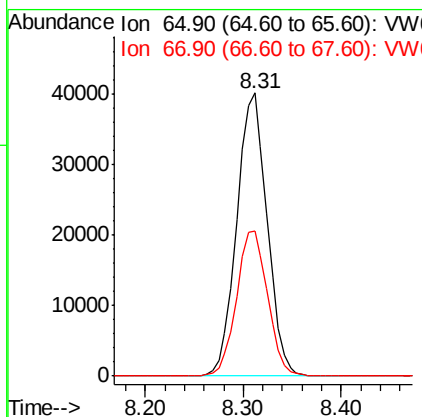
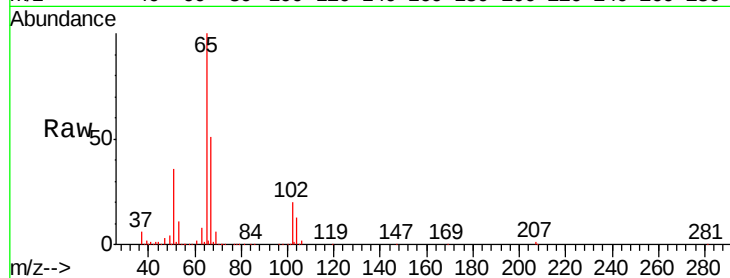




#33
 1,2-Dichloroethane-d4
 Concen: 30.38 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005905.D
 Acq: 08 Oct 2018 19:26

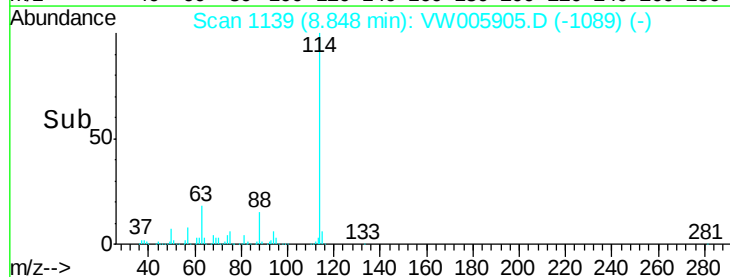
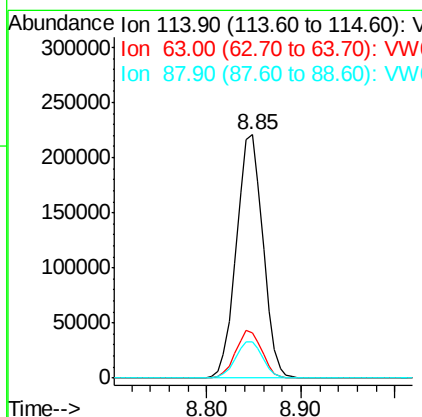
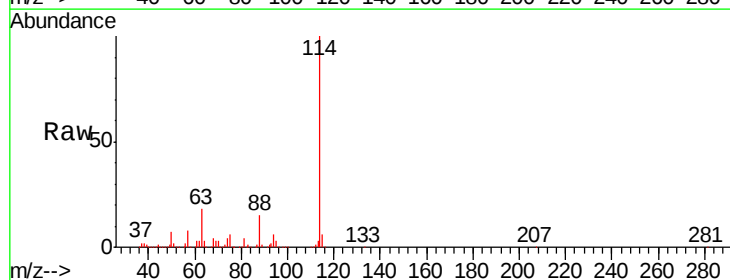
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-TW-1-(16.5-17)

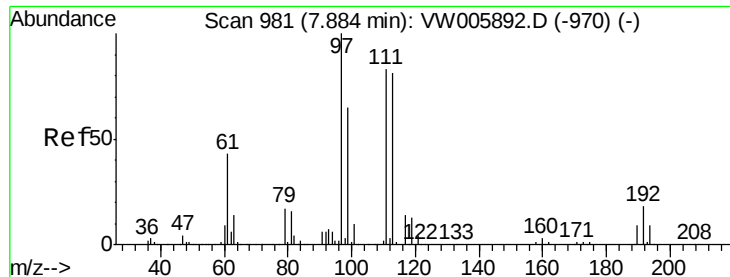
Tgt Ion: 65 Resp: 86506
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005905.D
 Acq: 08 Oct 2018 19:26

Tgt Ion: 114 Resp: 434193
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 39.2
 88 14.9 0.0 30.8





#35

Dibromofluoromethane

Concen: 31.75 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW005905.D

Acq: 08 Oct 2018 19:26

Instrument :

MSVOA_W

ClientSampleId :

SB-TW-1-(16.5-17)

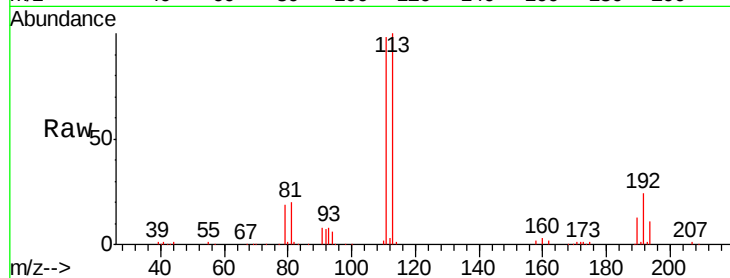
Tgt Ion:113 Resp: 88010

Ion Ratio Lower Upper

113 100

111 102.2 82.0 123.0

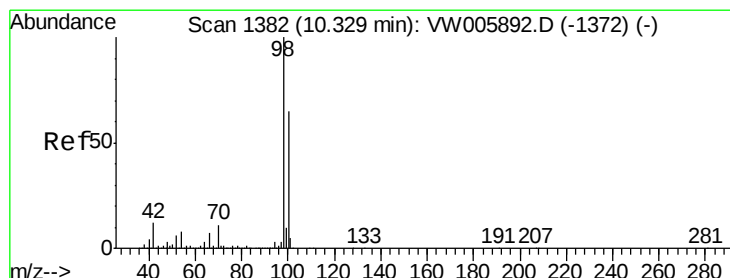
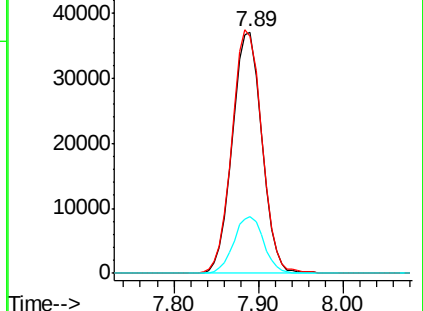
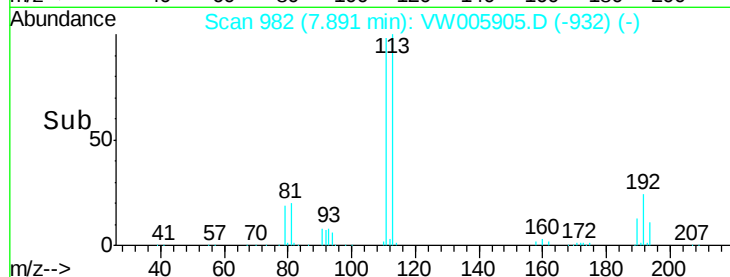
192 23.5 18.3 27.5



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



#50

Toluene-d8

Concen: 28.73 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005905.D

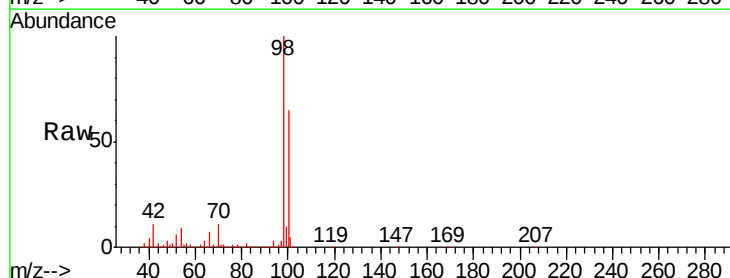
Acq: 08 Oct 2018 19:26

Tgt Ion: 98 Resp: 306379

Ion Ratio Lower Upper

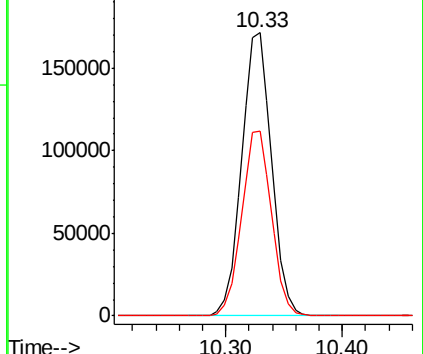
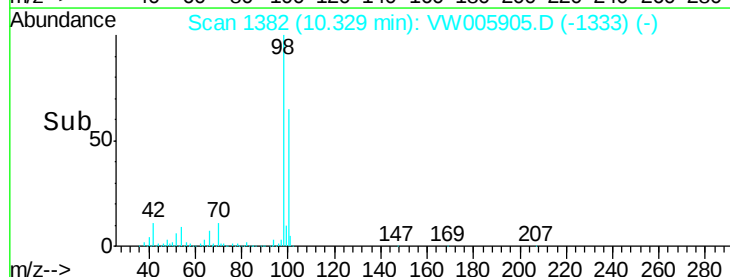
98 100

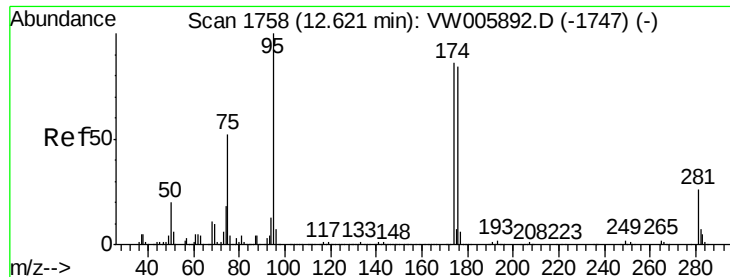
100 65.1 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

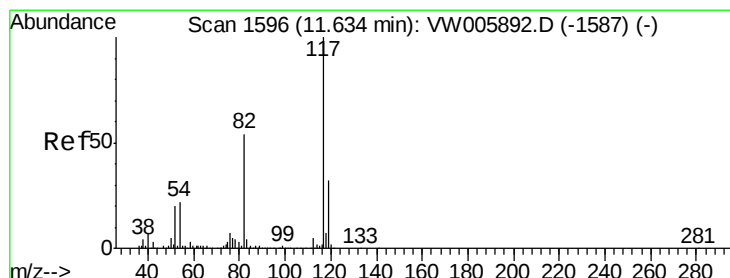
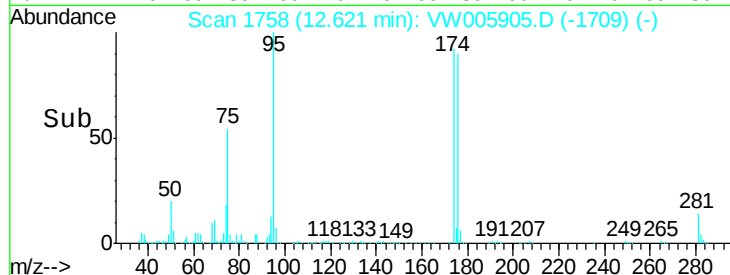
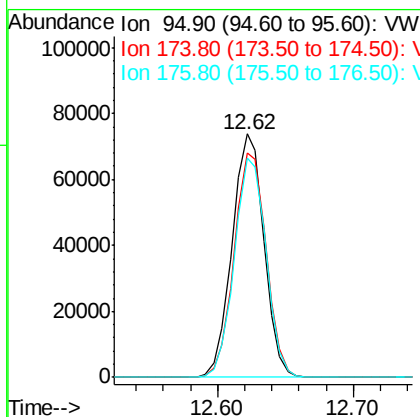
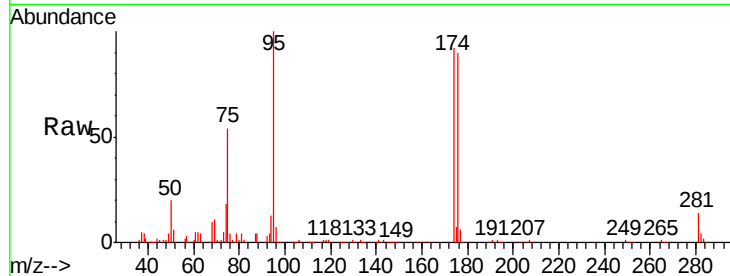




#62
4-Bromofluorobenzene
Concen: 29.64 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW005905.D
Acq: 08 Oct 2018 19:26

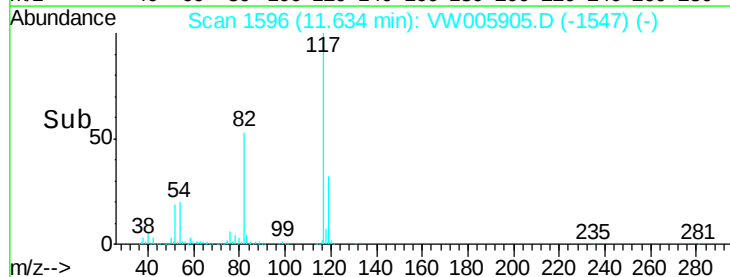
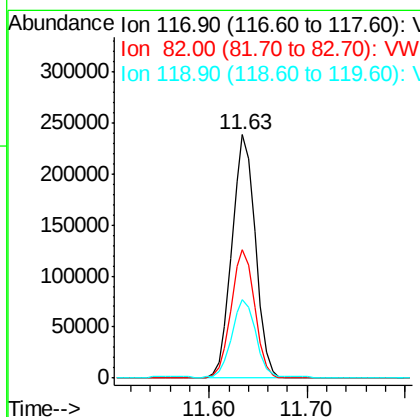
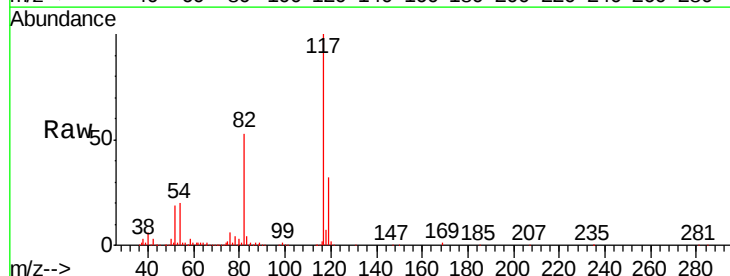
Instrument :
MSVOA_W
ClientSampleId :
SB-TW-1-(16.5-17)

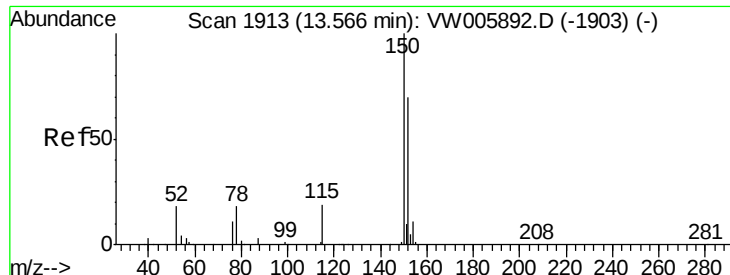
Tgt Ion: 95 Resp: 120255
Ion Ratio Lower Upper
95 100
174 93.0 0.0 176.4
176 89.8 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005905.D
Acq: 08 Oct 2018 19:26

Tgt Ion: 117 Resp: 396353
Ion Ratio Lower Upper
117 100
82 52.7 43.5 65.3
119 32.2 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW005905.D

Acq: 08 Oct 2018 19:26

Instrument :

MSVOA_W

ClientSampleId :

SB-TW-1-(16.5-17)

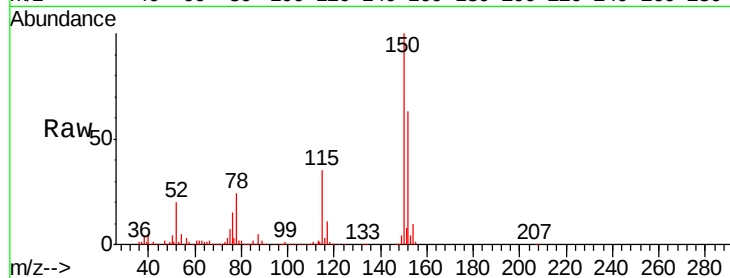
Tgt Ion:152 Resp: 202049

Ion Ratio Lower Upper

152 100

115 55.4 28.3 85.0

150 155.8 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

