

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120518\
 Data File : VW007243.D
 Acq On : 05 Dec 2018 20:28
 Operator : SY/AP
 Sample : J6206-12RE
 Misc : 3.1G/5ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-4A-(1)RE

Quant Time: Dec 06 06:58:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

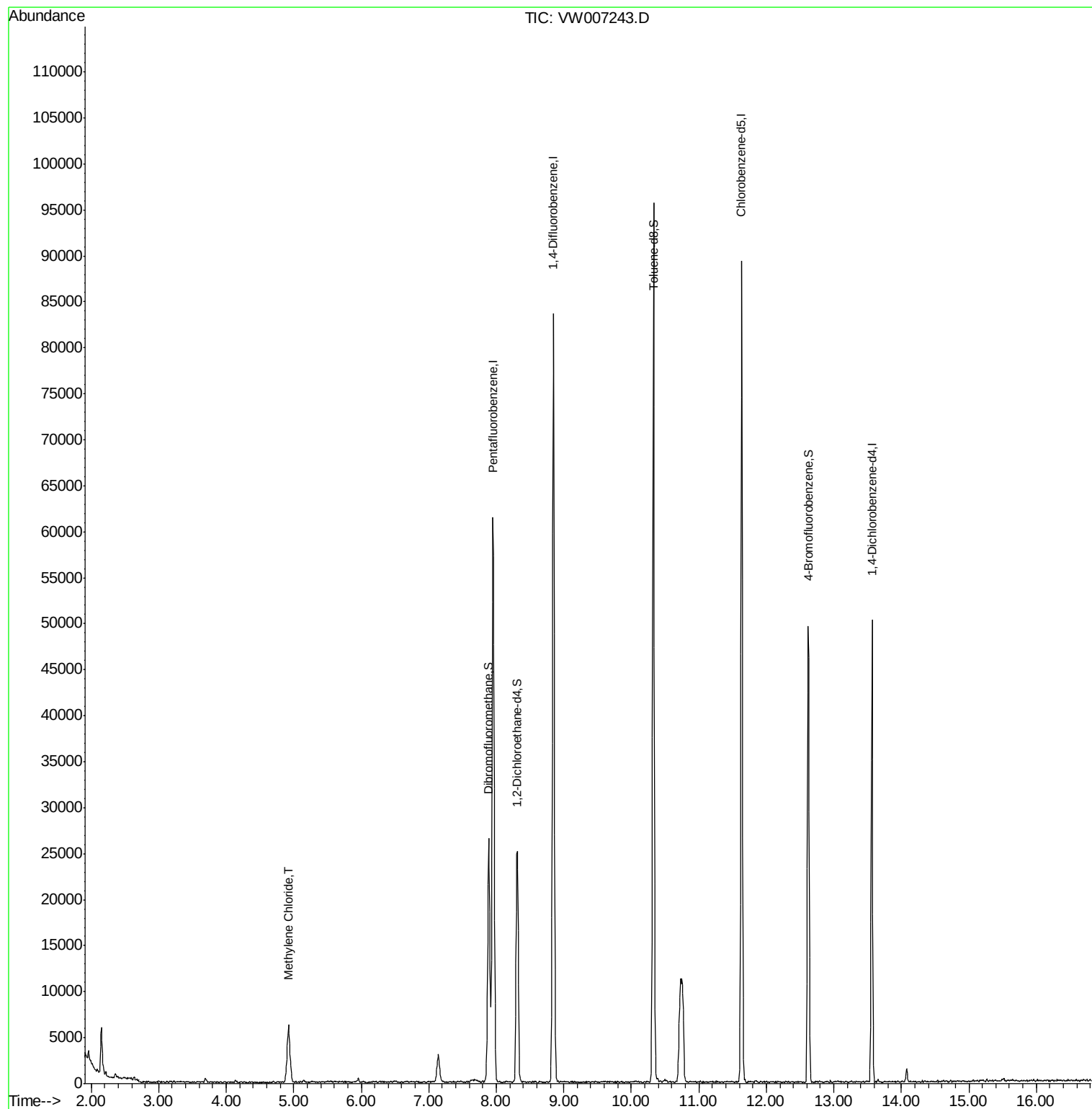
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	45149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	72772	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	49990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	13407	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	21451	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
35) Dibromofluoromethane	7.89	113	19609	47.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.12%	
50) Toluene-d8	10.33	98	65749	35.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.64%	
62) 4-Bromofluorobenzene	12.62	95	15604	22.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	45.04%	
Target Compounds						
20) Methylene Chloride	4.92	84	4832	4.942	ug/l	Qvalue 93

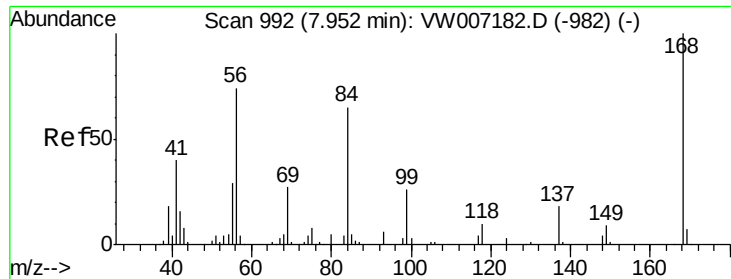
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW120518\
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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: VW007243.D

Acq: 05 Dec 2018 20:28

Instrument :

MSVOA_W

ClientSampleId :

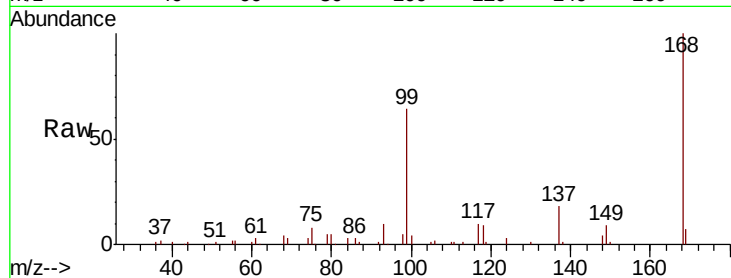
HLSP-SB-4A-(1)RE

Tgt Ion:168 Resp: 45149

Ion Ratio Lower Upper

168 100

99 63.8 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

20000

15000

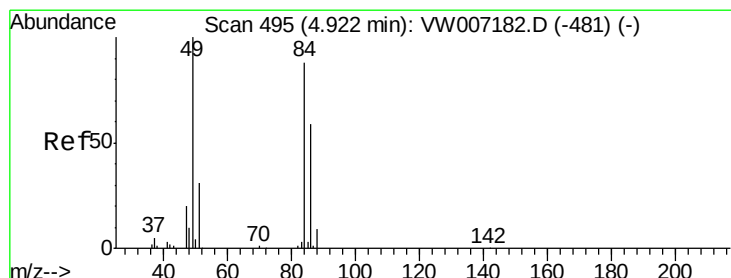
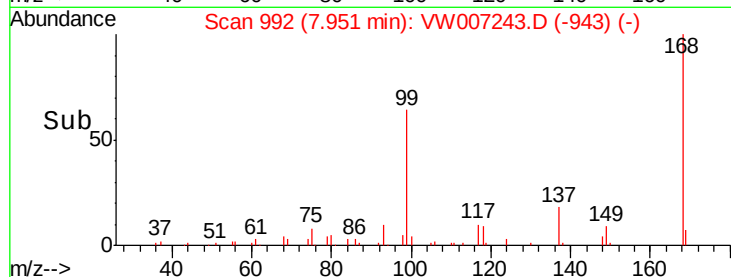
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#20

Methylene Chloride

Concen: 4.942 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW007243.D

Acq: 05 Dec 2018 20:28

Tgt Ion: 84 Resp: 4832

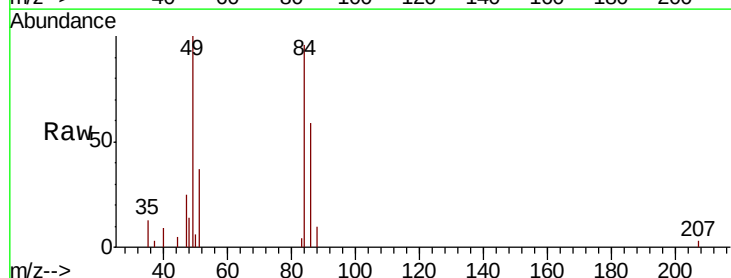
Ion Ratio Lower Upper

84 100

49 104.7 90.6 135.8

51 38.4 27.6 41.4

86 61.6 53.7 80.5



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

4.92

2500

2000

1500

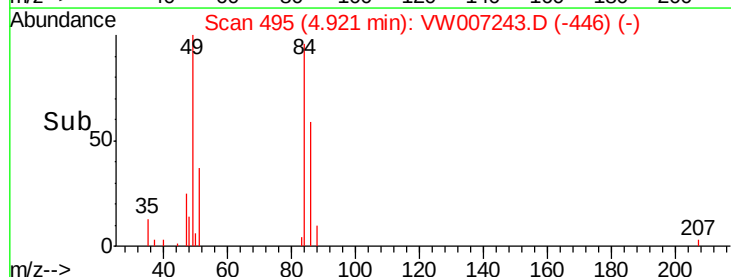
1000

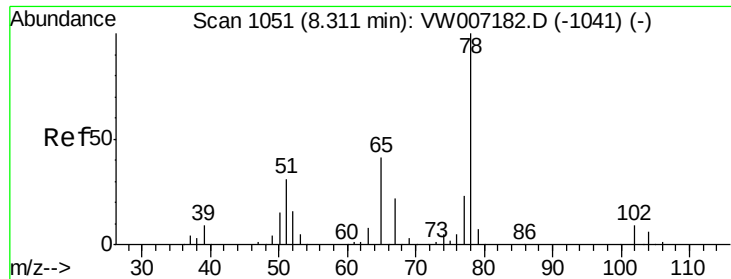
500

0

Time-->

4.80 4.85 4.90 4.95 5.00





#33

1,2-Dichloroethane-d4

Concen: 51.031 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW007243.D

Acq: 05 Dec 2018 20:28

Instrument :

MSVOA_W

ClientSampleId :

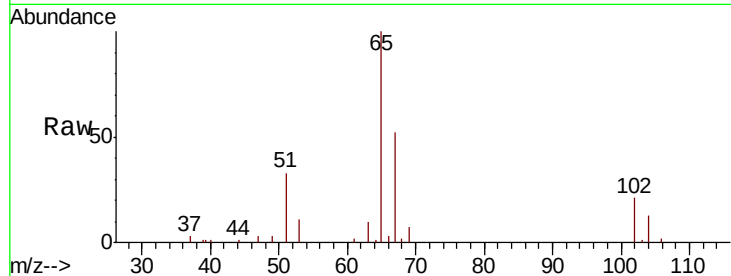
HLSP-SB-4A-(1)RE

Tgt Ion: 65 Resp: 21451

Ion Ratio Lower Upper

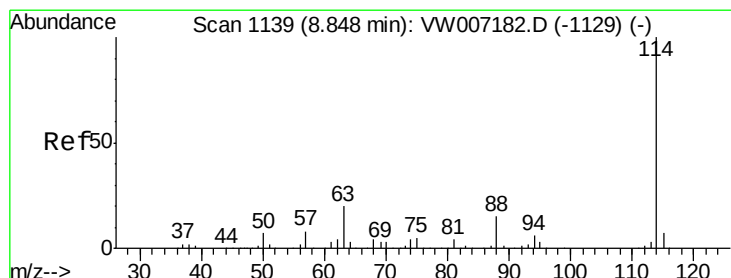
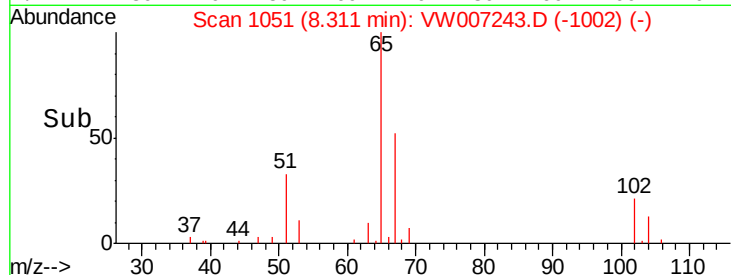
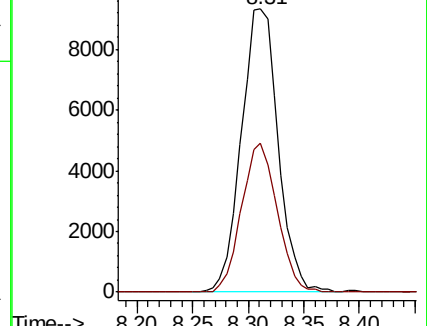
65 100

67 50.7 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW007243.D

Acq: 05 Dec 2018 20:28

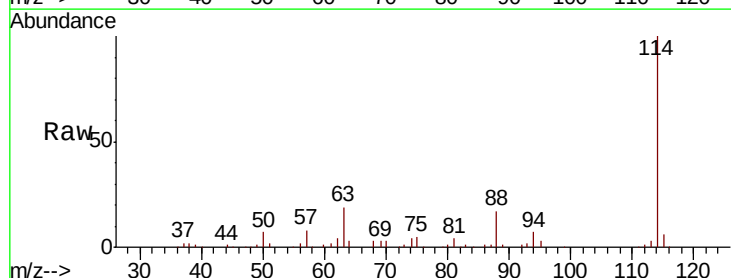
Tgt Ion: 114 Resp: 72772

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.2

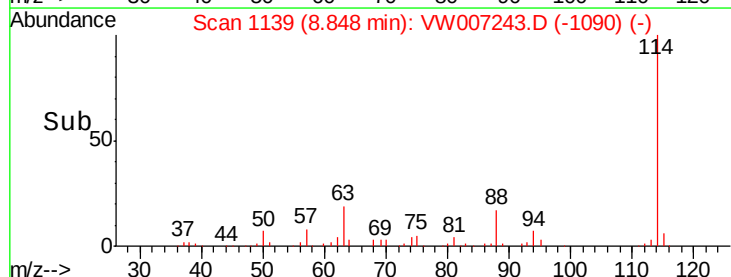
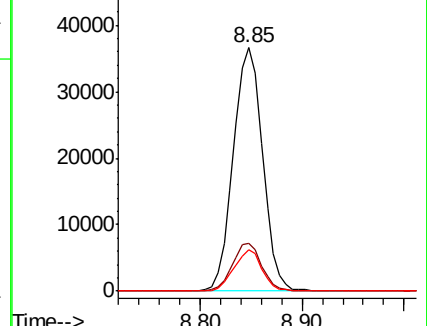
88 17.2 0.0 30.0

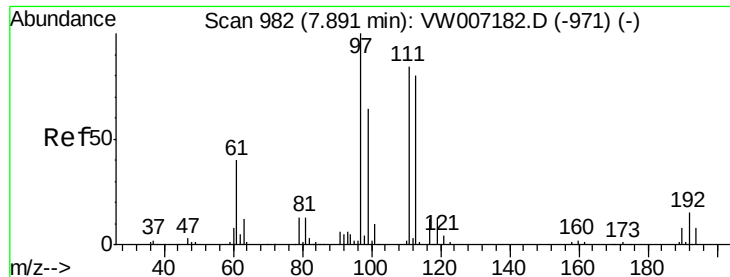


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

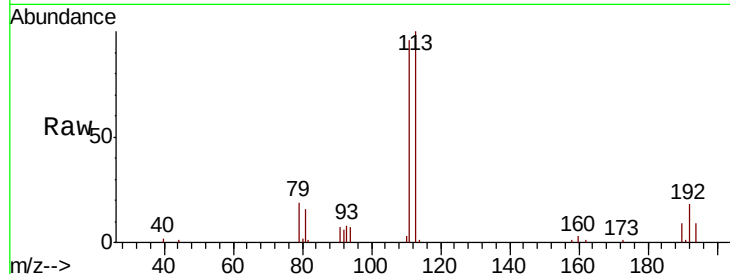




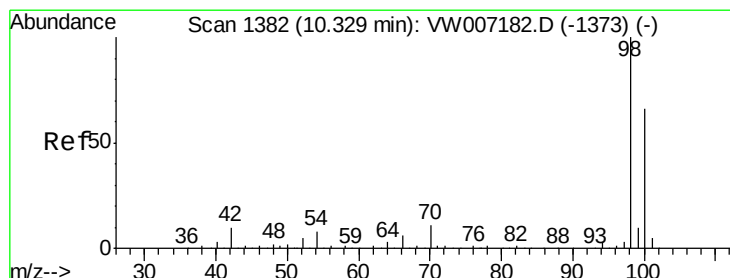
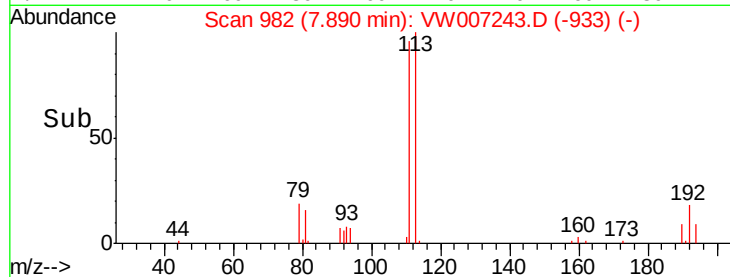
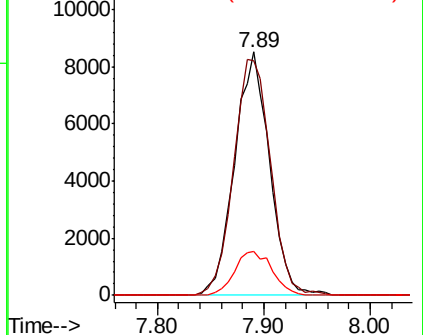
#35
 Dibromofluoromethane
 Concen: 47.059 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007243.D
 Acq: 05 Dec 2018 20:28

Instrument :
 MSVOA_W
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 HLSP-SB-4A-(1)RE

Tgt Ion:113 Resp: 19609
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.2 123.4
 192 19.3 14.4 21.6

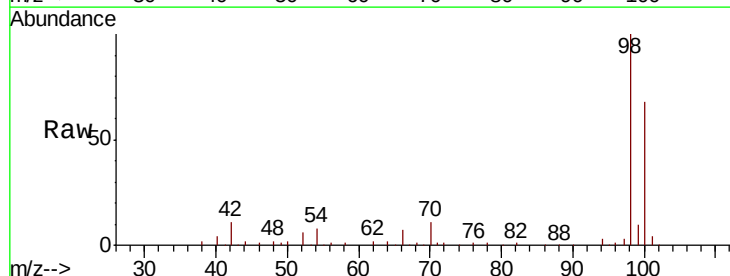


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

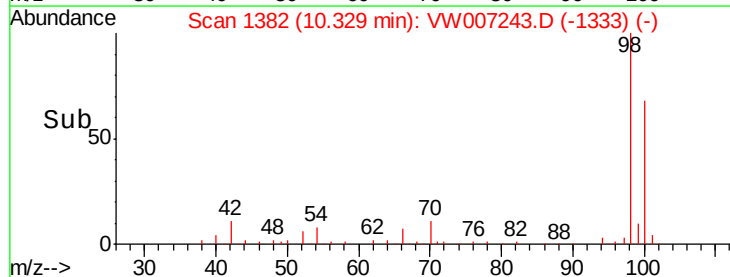
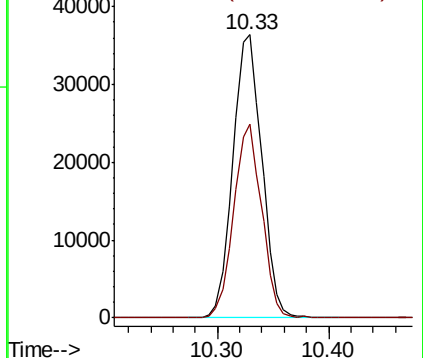


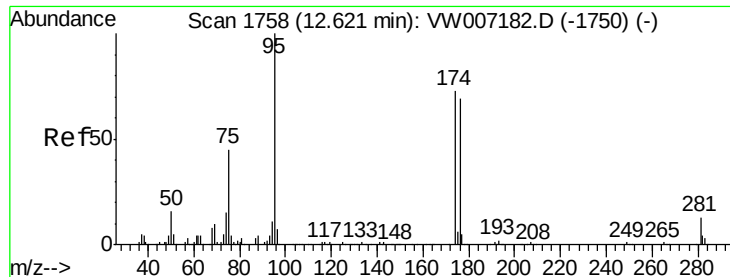
#50
 Toluene-d8
 Concen: 35.820 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VW007243.D
 Acq: 05 Dec 2018 20:28

Tgt Ion: 98 Resp: 65749
 Ion Ratio Lower Upper
 98 100
 100 65.8 52.7 79.1



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

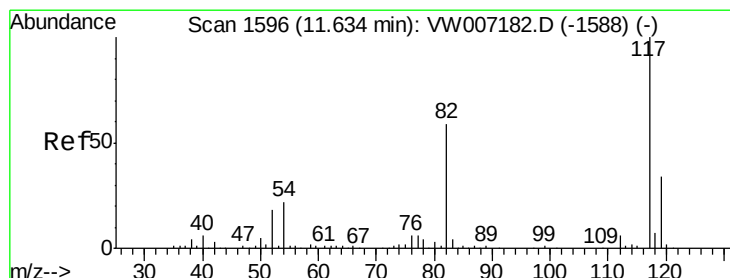
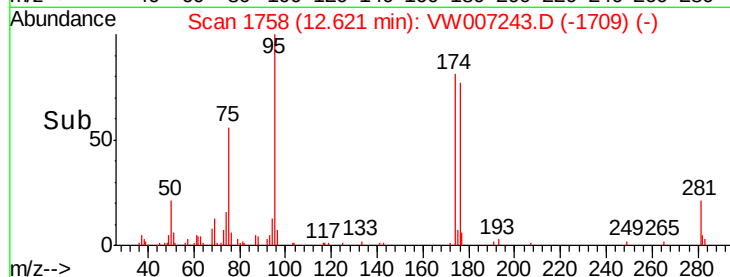
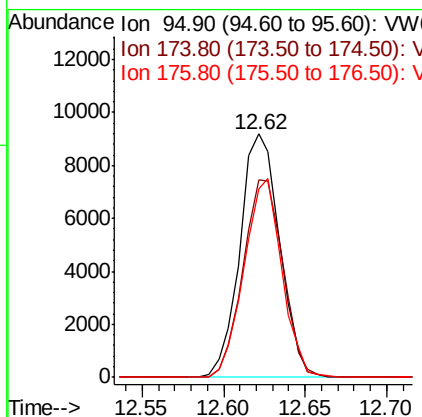
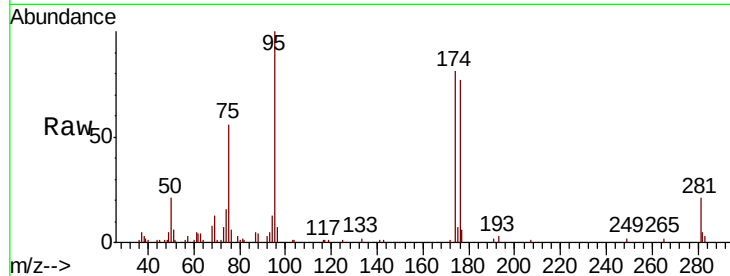




#62
4-Bromofluorobenzene
Concen: 22.523 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007243.D
Acq: 05 Dec 2018 20:28

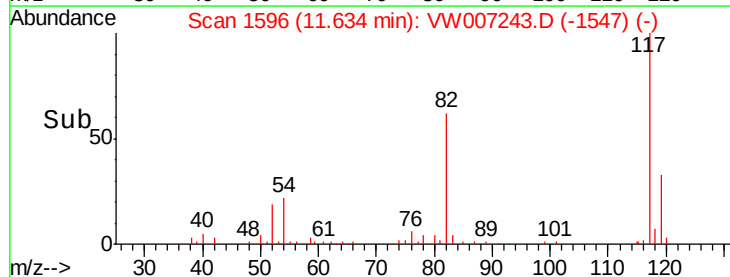
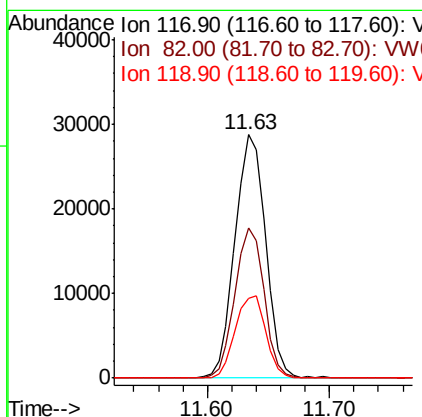
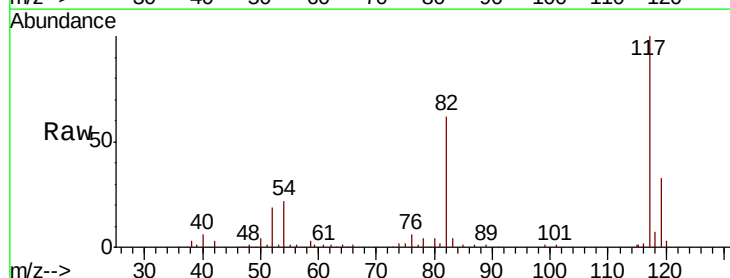
Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-4A-(1)RE

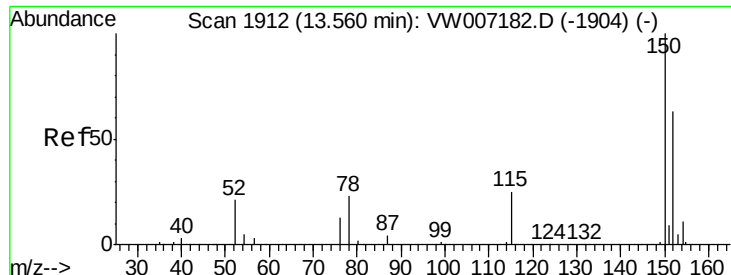
Tgt Ion: 95 Resp: 15604
Ion Ratio Lower Upper
95 100
174 81.4 0.0 148.0
176 77.6 0.0 139.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007243.D
Acq: 05 Dec 2018 20:28

Tgt Ion: 117 Resp: 49990
Ion Ratio Lower Upper
117 100
82 61.9 47.4 71.2
119 32.6 26.8 40.2

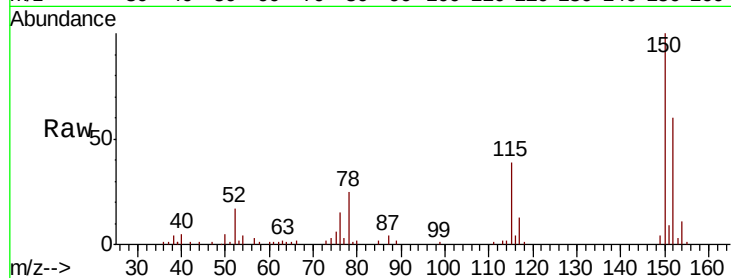




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. 0.01 min
 Lab File: VW007243.D
 Acq: 05 Dec 2018 20:28

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-4A-(1)RE

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.8	31.3	93.8
150	157.5	0.0	358.0



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

