

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120518\
 Data File : VW007249.D
 Acq On : 05 Dec 2018 23:01
 Operator : SY/AP
 Sample : J6206-02RE
 Misc : 6.05G/5ML/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-5B-(8.5)RE

Quant Time: Dec 06 07:10:50 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

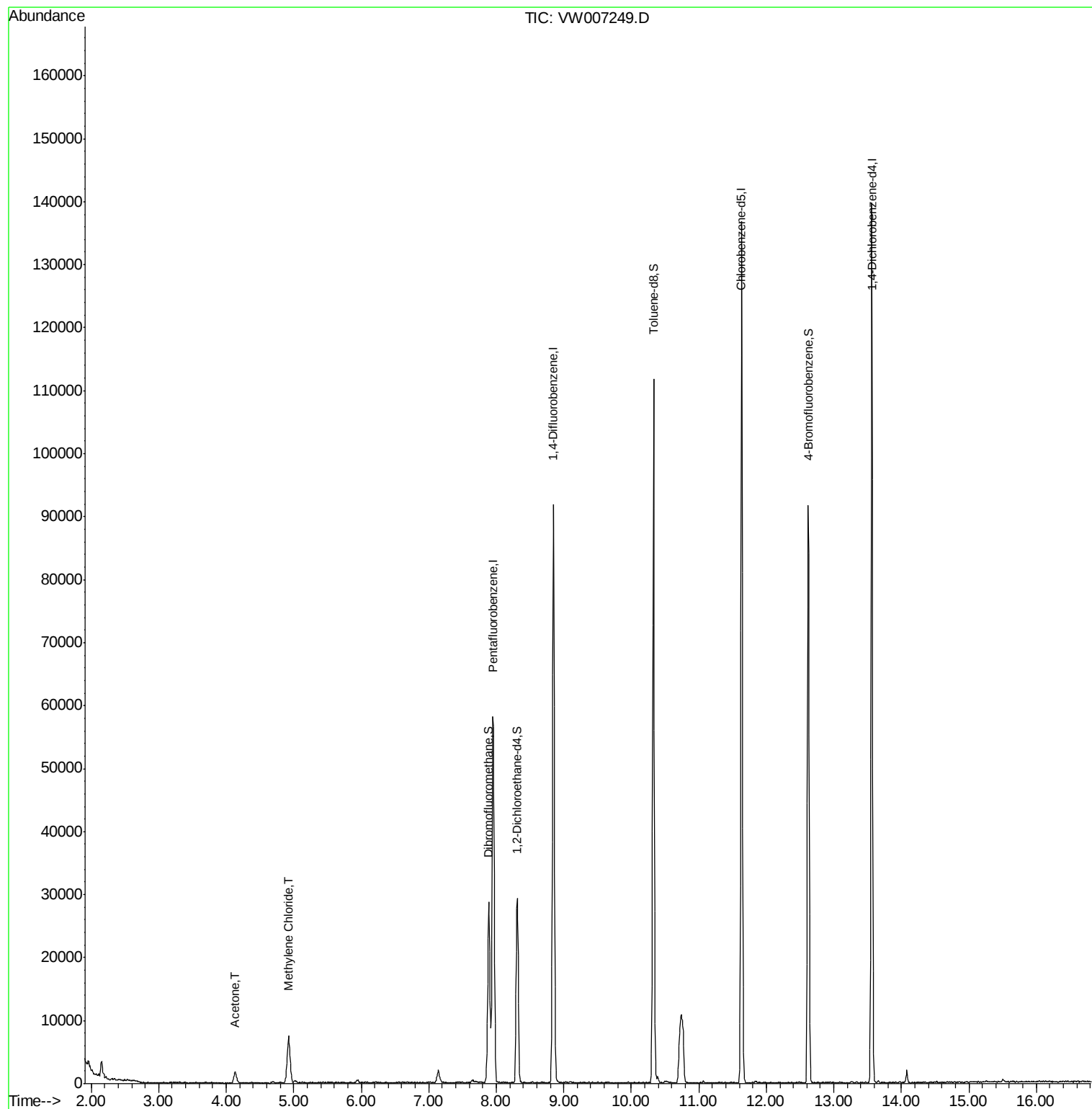
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	44378	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	82674	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	77812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	37838	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	24374	58.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.98%	
35) Dibromofluoromethane	7.89	113	21443	45.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.60%	
50) Toluene-d8	10.33	98	75658	36.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.56%	
62) 4-Bromofluorobenzene	12.62	95	30460	38.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.40%	
Target Compounds						
16) Acetone	4.13	43	3362	34.372	ug/l	Qvalue 94
20) Methylene Chloride	4.92	84	5625	6.926	ug/l #	91

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

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Quant Title : SW846 8260
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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: VW007249.D

Acq: 05 Dec 2018 23:01

Instrument :

MSVOA_W

ClientSampleId :

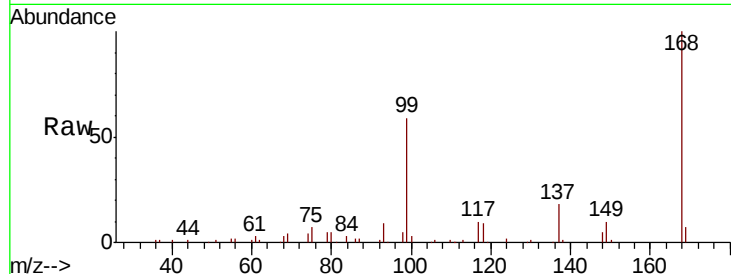
HLSP-SB-5B-(8.5)RE

Tgt Ion:168 Resp: 44378

Ion Ratio Lower Upper

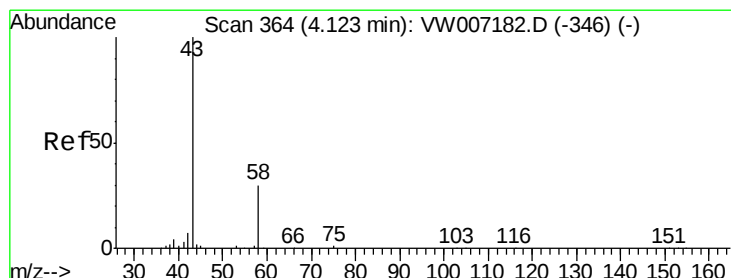
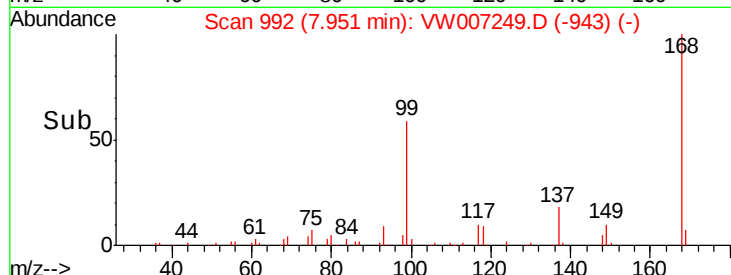
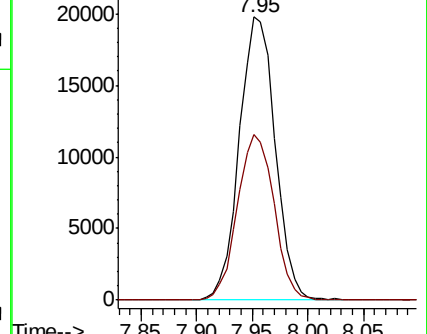
168 100

99 58.6 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 34.372 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW007249.D

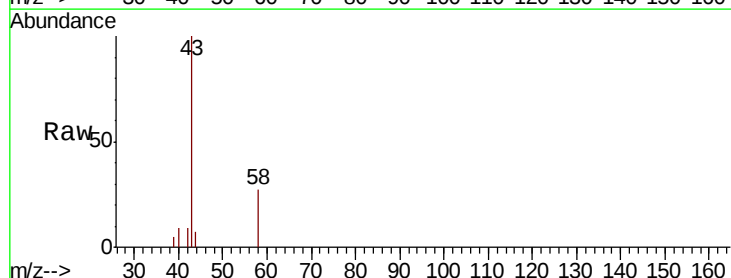
Acq: 05 Dec 2018 23:01

Tgt Ion: 43 Resp: 3362

Ion Ratio Lower Upper

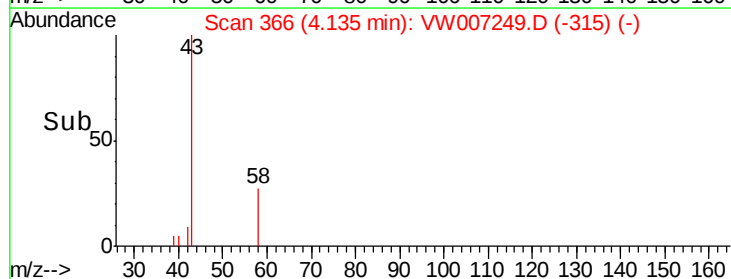
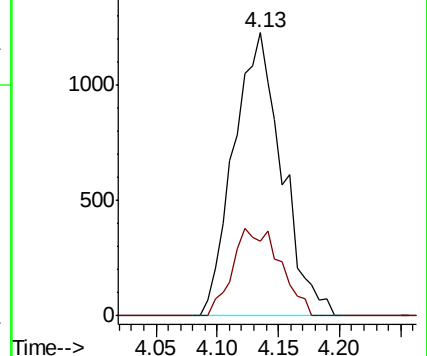
43 100

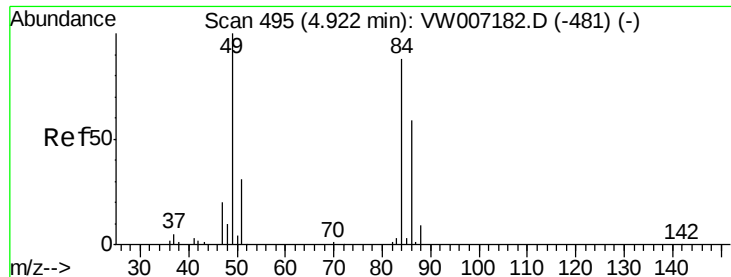
58 26.6 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

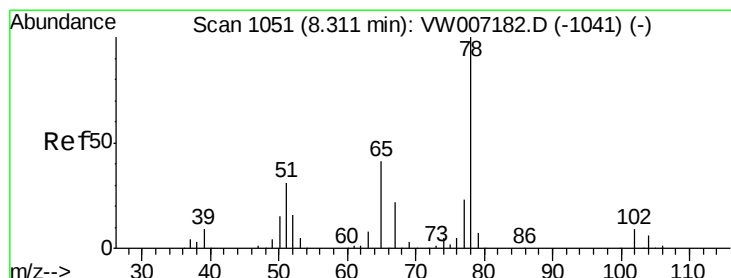
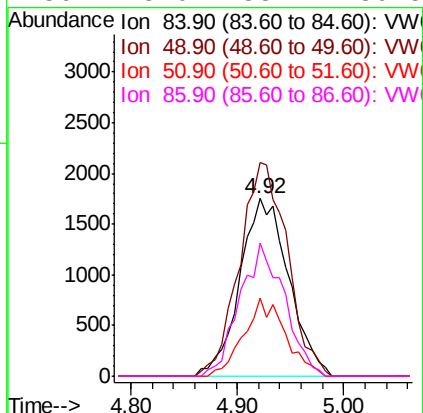
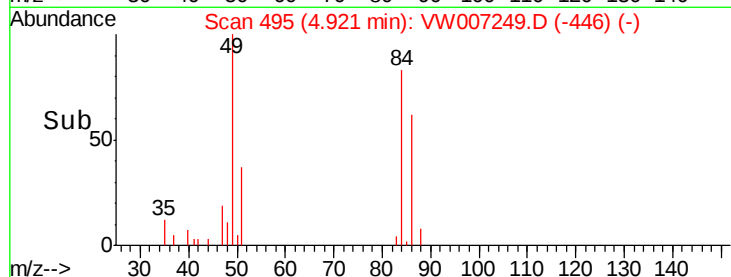
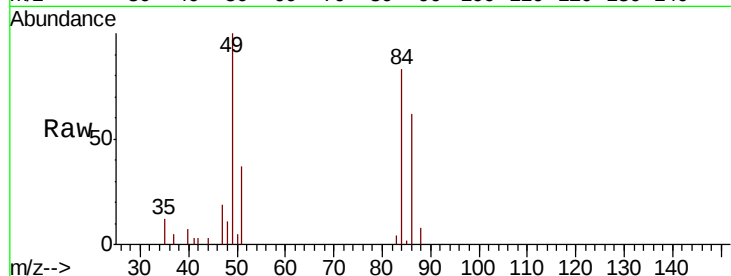




#20
Methylene Chloride
Concen: 6.926 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007249.D
Acq: 05 Dec 2018 23:01

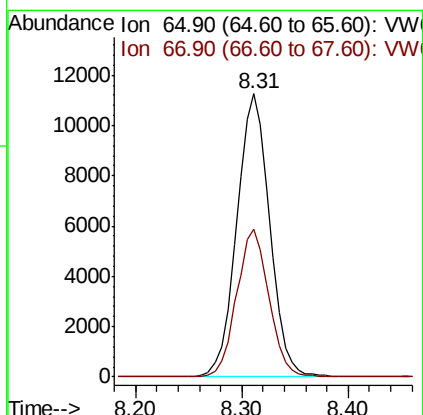
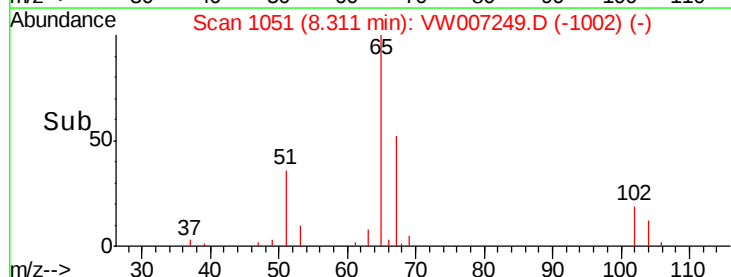
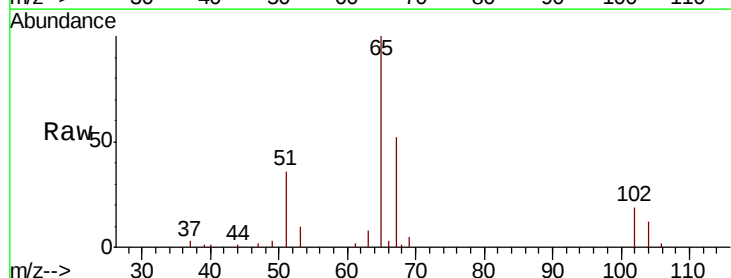
Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-5B-(8.5)RE

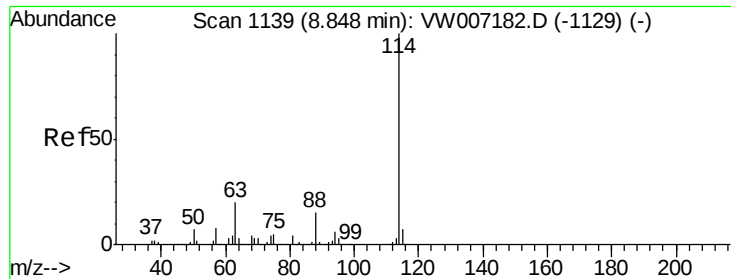
Tgt Ion: 84 Resp: 5625
Ion Ratio Lower Upper
84 100
49 120.1 90.6 135.8
51 44.2 27.6 41.4#
86 75.0 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 58.992 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW007249.D
Acq: 05 Dec 2018 23:01

Tgt Ion: 65 Resp: 24374
Ion Ratio Lower Upper
65 100
67 51.4 0.0 106.4

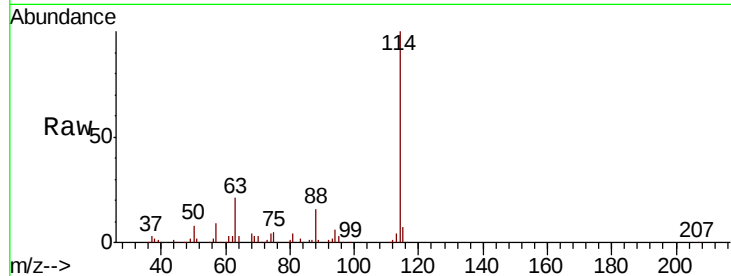




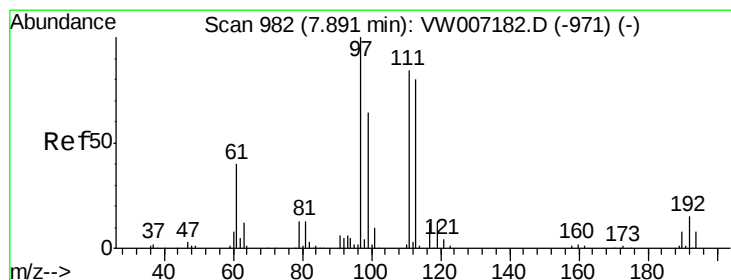
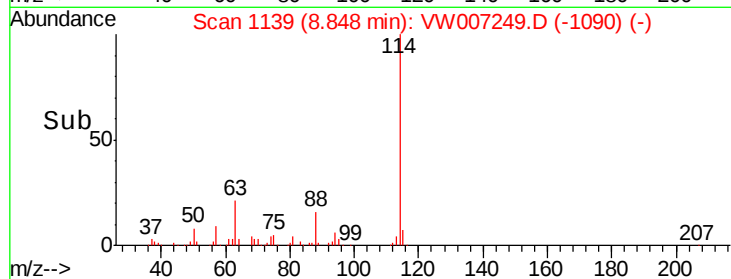
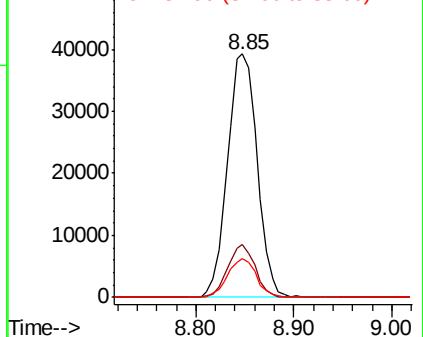
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007249.D
 Acq: 05 Dec 2018 23:01

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-5B-(8.5)RE

Tgt Ion:114 Resp: 82674
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 40.2
 88 15.8 0.0 30.0

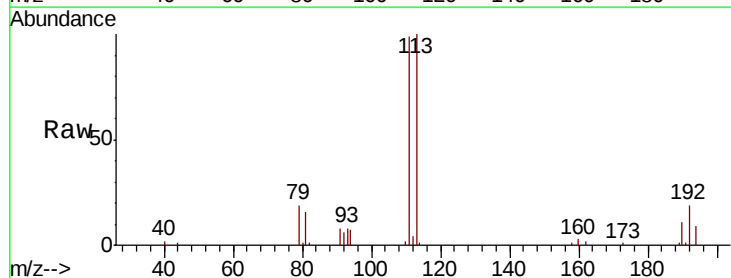


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

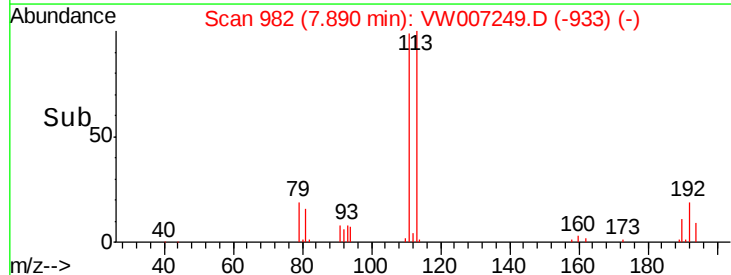
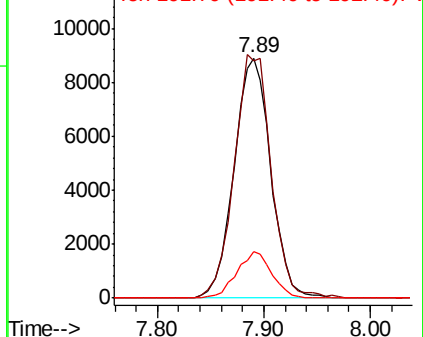


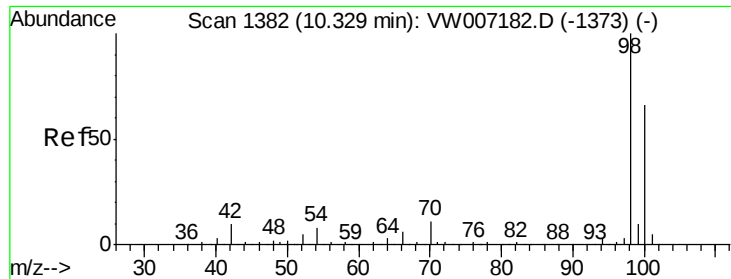
#35
 Dibromofluoromethane
 Concen: 45.297 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007249.D
 Acq: 05 Dec 2018 23:01

Tgt Ion:113 Resp: 21443
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.2 123.4
 192 18.5 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: 36.282 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007249.D

Acq: 05 Dec 2018 23:01

Instrument :

MSVOA_W

ClientSampleId :

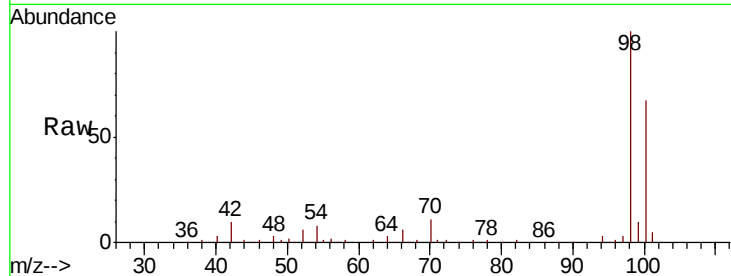
HLSP-SB-5B-(8.5)RE

Tgt Ion: 98 Resp: 75658

Ion Ratio Lower Upper

98 100

100 66.1 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.33

40000

30000

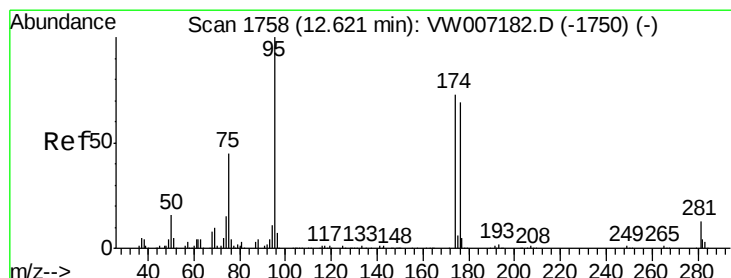
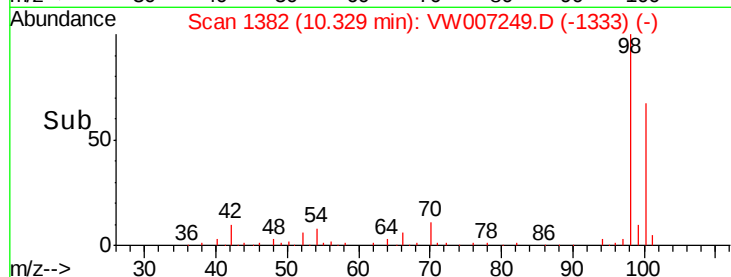
20000

10000

0

Time-->

10.30 10.40



#62

4-Bromofluorobenzene

Concen: 38.700 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007249.D

Acq: 05 Dec 2018 23:01

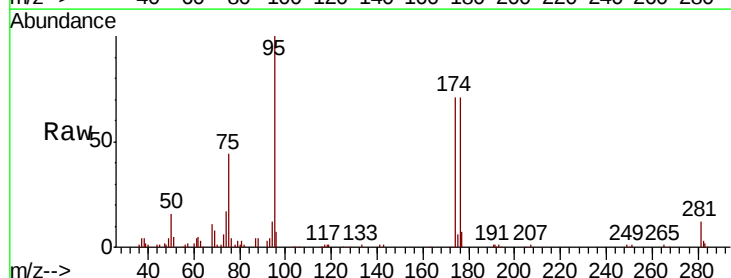
Tgt Ion: 95 Resp: 30460

Ion Ratio Lower Upper

95 100

174 77.4 0.0 148.0

176 75.7 0.0 139.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

25000

20000

15000

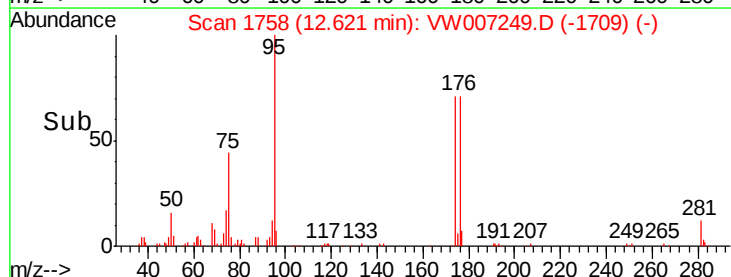
10000

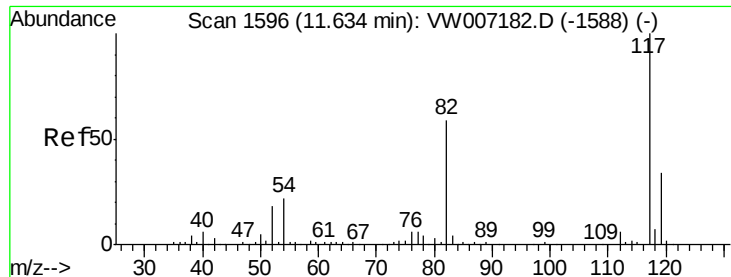
5000

0

Time-->

12.55 12.60 12.65 12.70

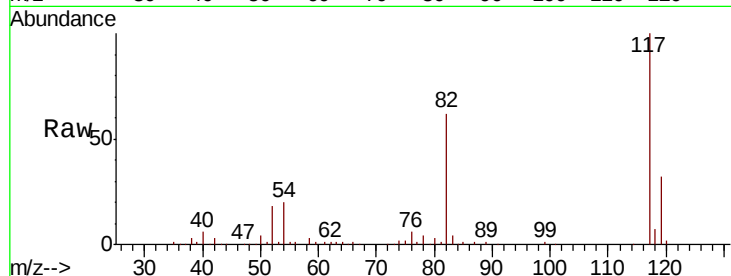




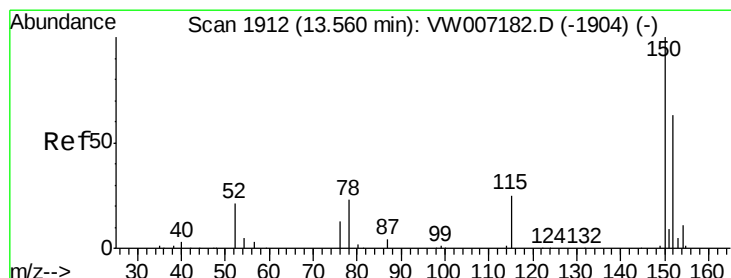
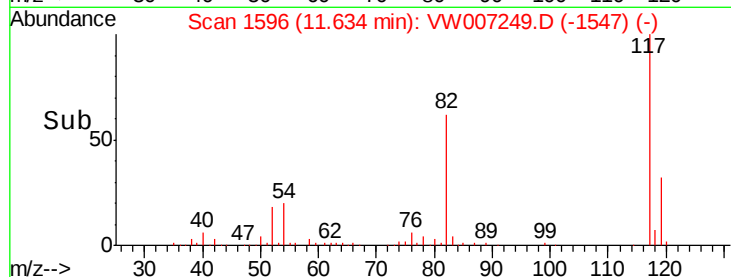
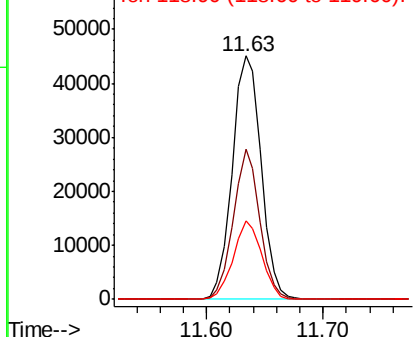
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007249.D
Acq: 05 Dec 2018 23:01

Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-5B-(8.5)RE

Tgt Ion:117 Resp: 77812
Ion Ratio Lower Upper
117 100
82 61.8 47.4 71.2
119 32.0 26.8 40.2

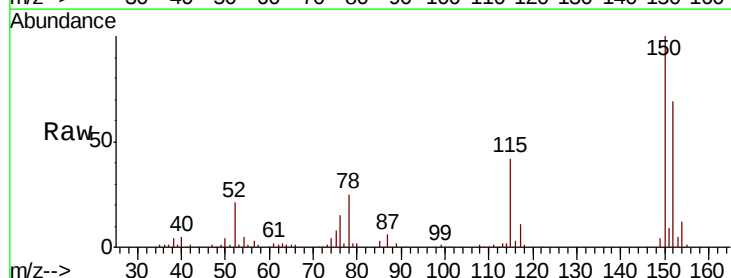


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007249.D
Acq: 05 Dec 2018 23:01

Tgt Ion:152 Resp: 37838
Ion Ratio Lower Upper
152 100
115 60.4 31.3 93.8
150 153.5 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

