

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120518\
 Data File : VW007240.D
 Acq On : 05 Dec 2018 19:11
 Operator : SY/AP
 Sample : J6204-16
 Misc : 7.1G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-8B-(9.5)

Quant Time: Dec 06 06:53:28 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

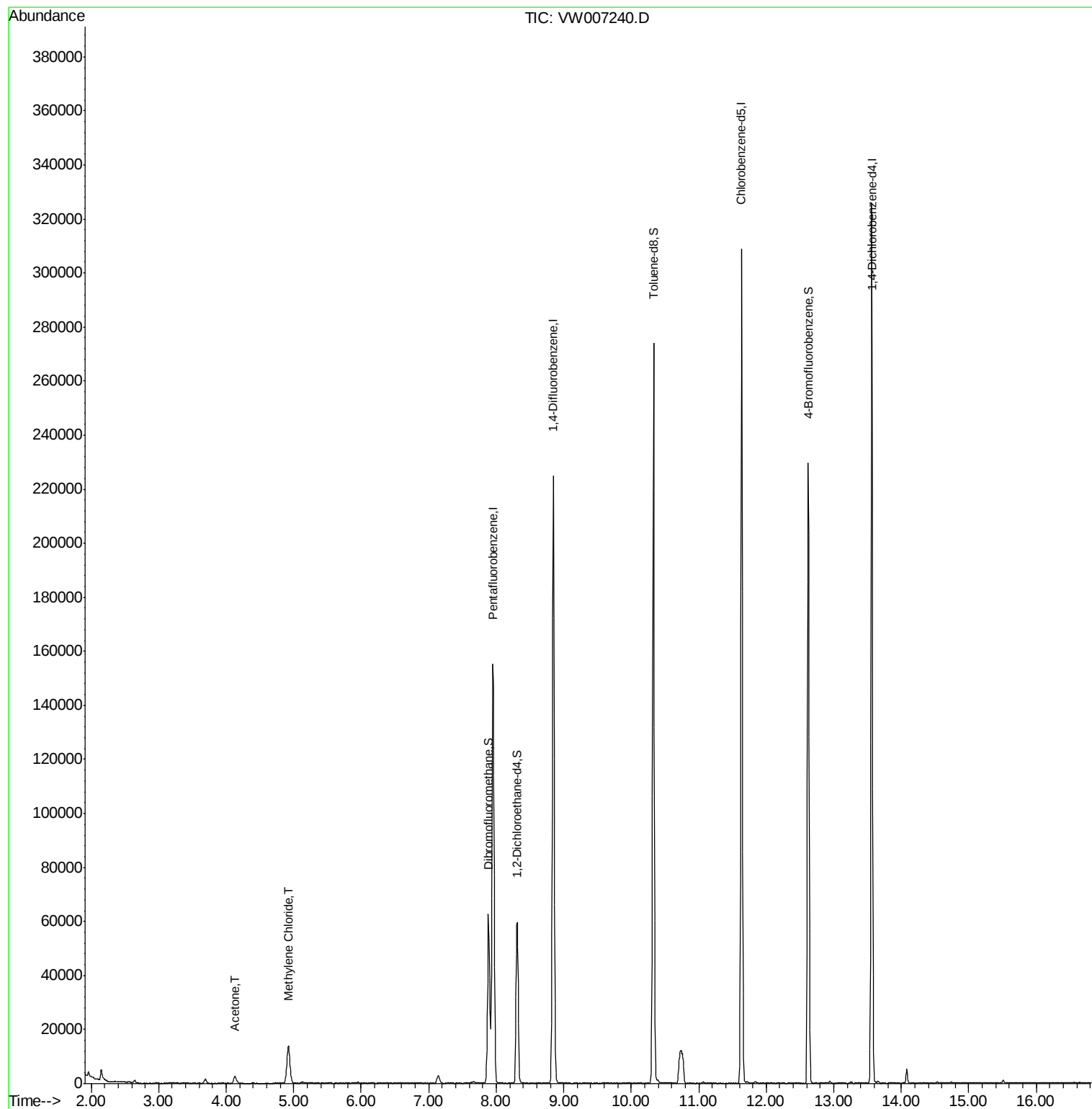
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	117357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	197396	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	176693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	87516	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	49365	45.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.36%	
35) Dibromofluoromethane	7.88	113	46494	41.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.26%	
50) Toluene-d8	10.33	98	189394	38.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.08%	
62) 4-Bromofluorobenzene	12.62	95	75400	40.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.24%	
Target Compounds						
16) Acetone	4.13	43	4935	19.079	ug/l	90
20) Methylene Chloride	4.93	84	11114	3.703	ug/l	98

(#) = 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: VW007240.D

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Instrument :

MSVOA_W

ClientSampleId :

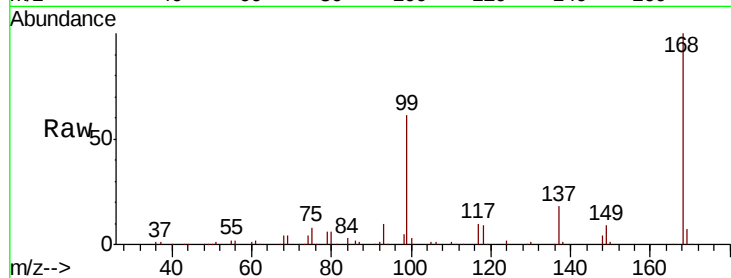
HLSP-SB-8B-(9.5)

Tgt Ion: 168 Resp: 117357

Ion Ratio Lower Upper

168 100

99 61.2 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

60000

50000

40000

30000

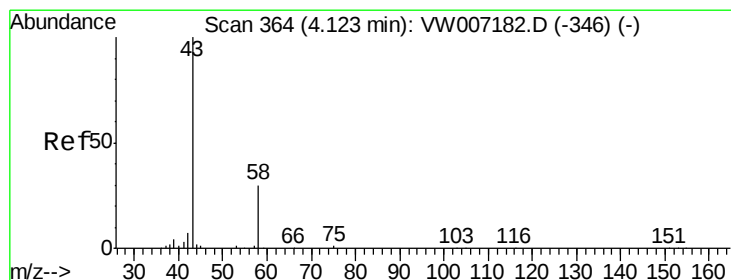
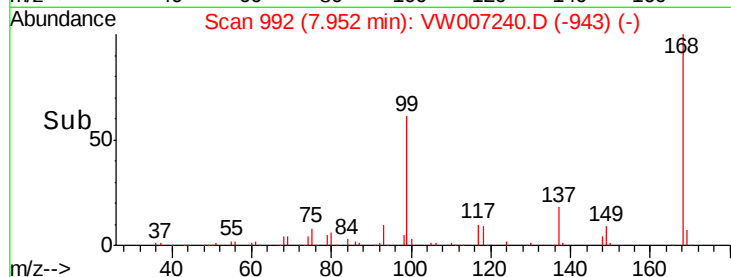
20000

10000

0

Time-->

7.90 8.00 8.10



#16

Acetone

Concen: 19.079 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007240.D

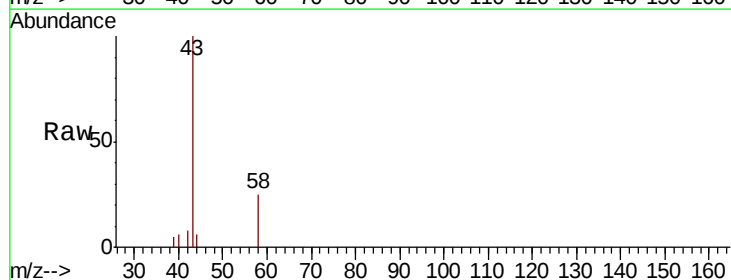
Acq: 05 Dec 2018 19:11

Tgt Ion: 43 Resp: 4935

Ion Ratio Lower Upper

43 100

58 24.7 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

2000

1500

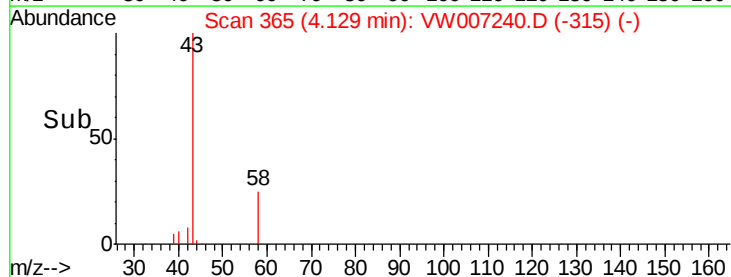
1000

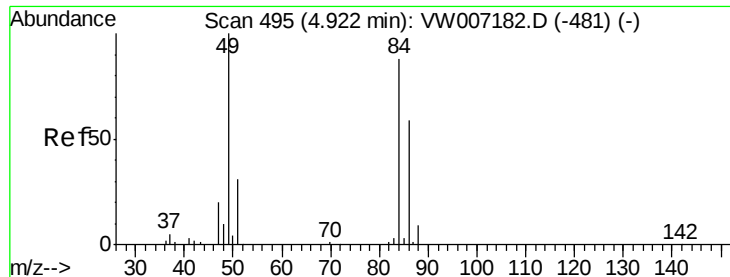
500

0

Time-->

4.05 4.10 4.15 4.20

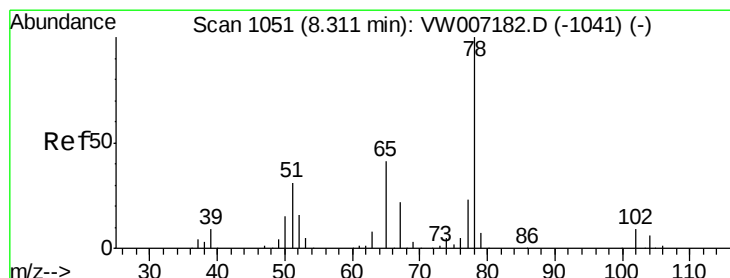
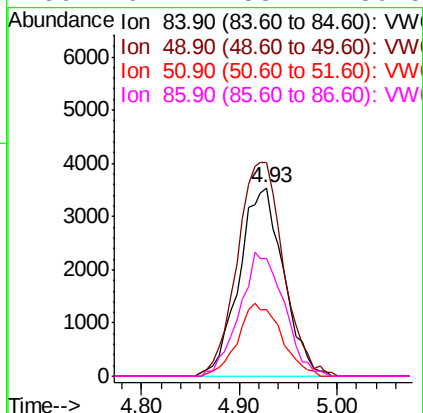
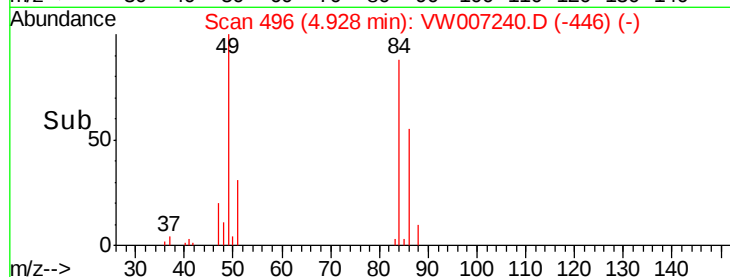
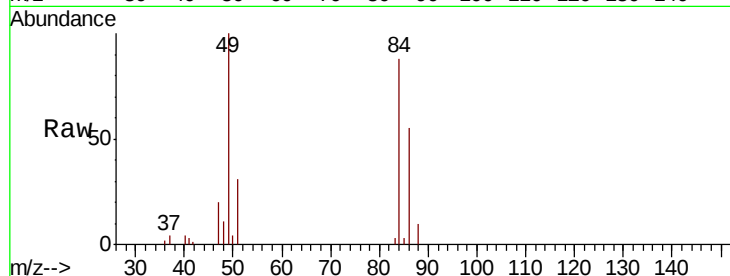




#20
Methylene Chloride
Concen: 3.703 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW007240.D
Acq: 05 Dec 2018 19:11

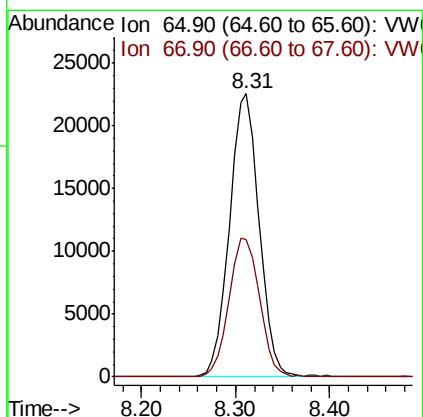
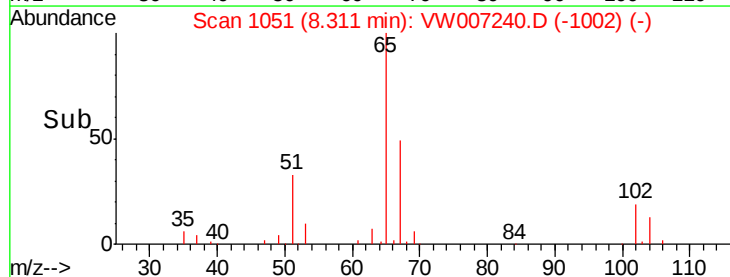
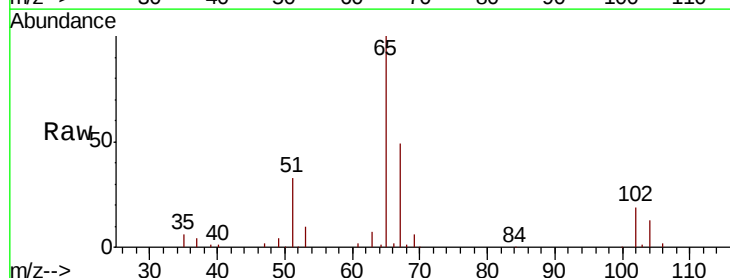
Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-8B-(9.5)

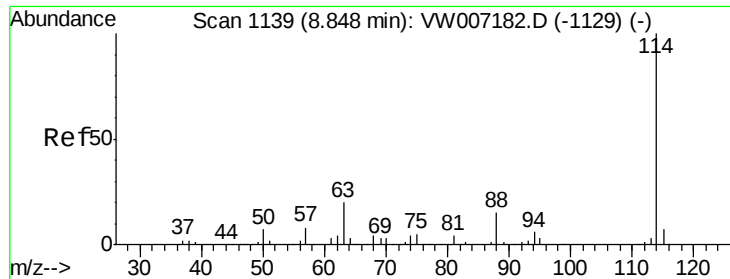
Tgt Ion: 84 Resp: 11114
Ion Ratio Lower Upper
84 100
49 113.5 90.6 135.8
51 35.3 27.6 41.4
86 62.7 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 45.179 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW007240.D
Acq: 05 Dec 2018 19:11

Tgt Ion: 65 Resp: 49365
Ion Ratio Lower Upper
65 100
67 50.8 0.0 106.4

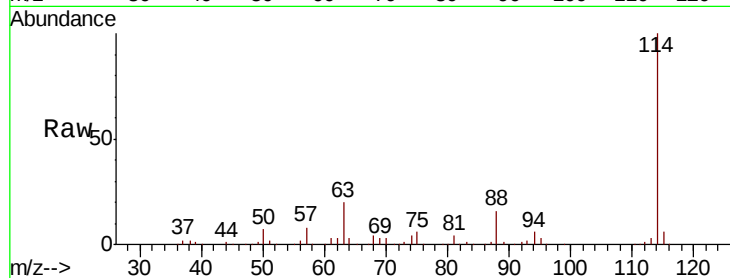




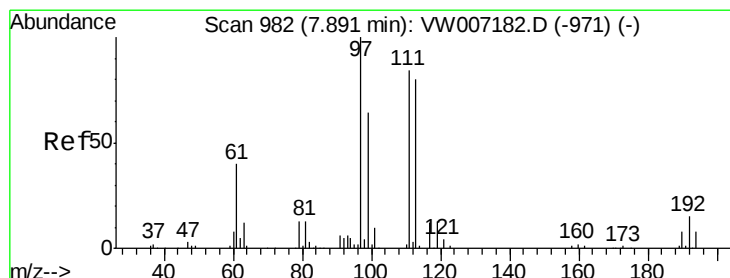
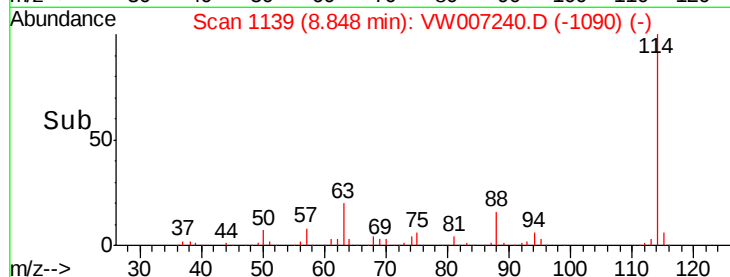
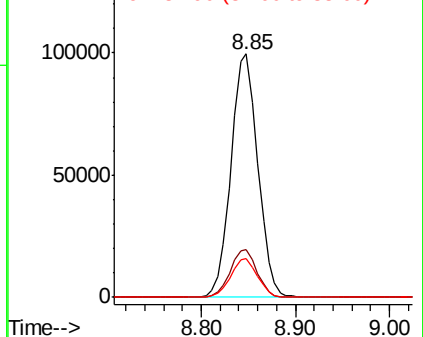
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. -0.00 min
Lab File: VW007240.D
Acq: 05 Dec 2018 19:11

Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-8B-(9.5)

Tgt Ion:114 Resp: 197396
Ion Ratio Lower Upper
114 100
63 19.6 0.0 40.2
88 15.8 0.0 30.0

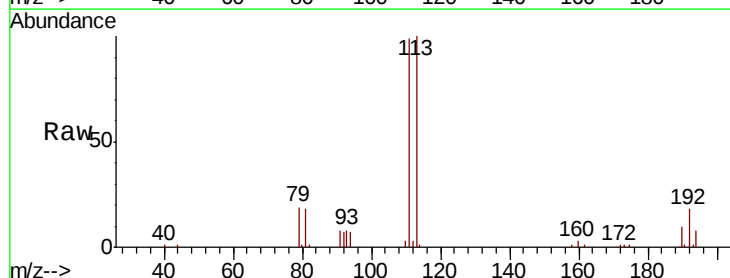


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

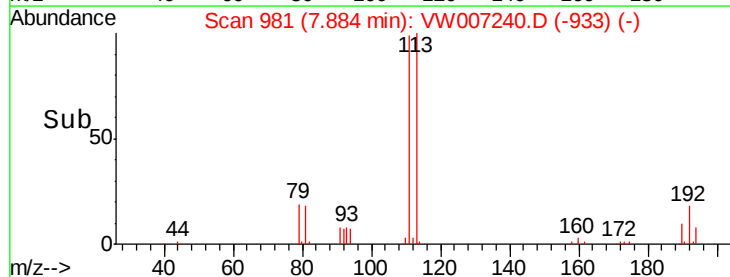
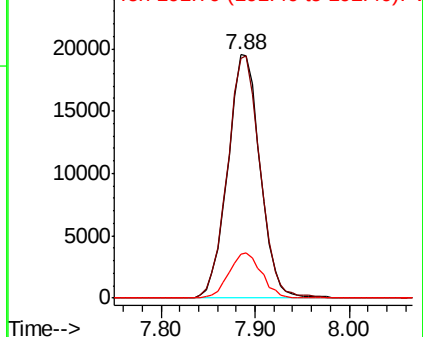


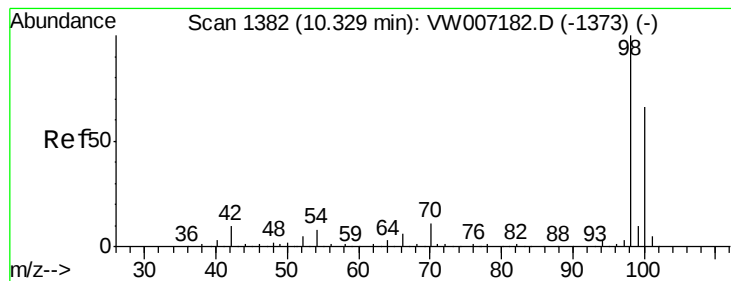
#35
Dibromofluoromethane
Concen: 41.135 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW007240.D
Acq: 05 Dec 2018 19:11

Tgt Ion:113 Resp: 46494
Ion Ratio Lower Upper
113 100
111 100.3 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: 38.039 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007240.D

Acq: 05 Dec 2018 19:11

Instrument :

MSVOA_W

ClientSampleId :

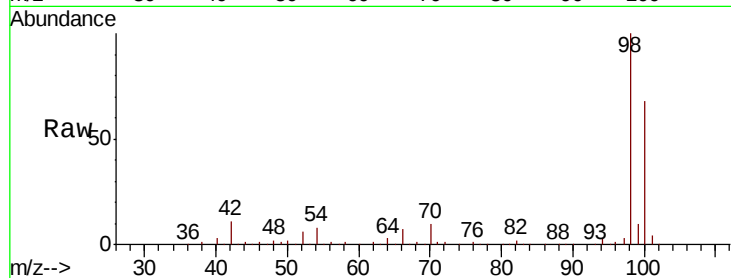
HLSP-SB-8B-(9.5)

Tgt Ion: 98 Resp: 189394

Ion Ratio Lower Upper

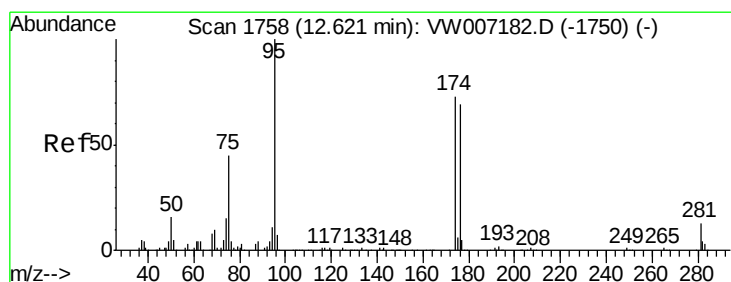
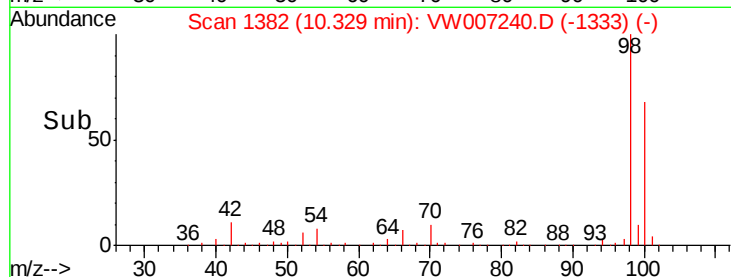
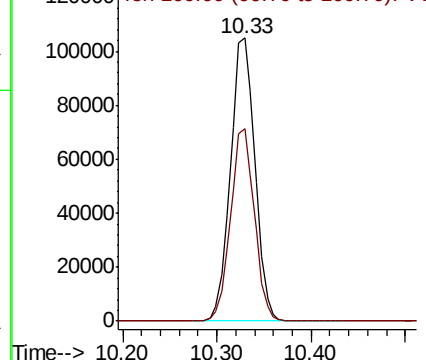
98 100

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



#62

4-Bromofluorobenzene

Concen: 40.122 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007240.D

Acq: 05 Dec 2018 19:11

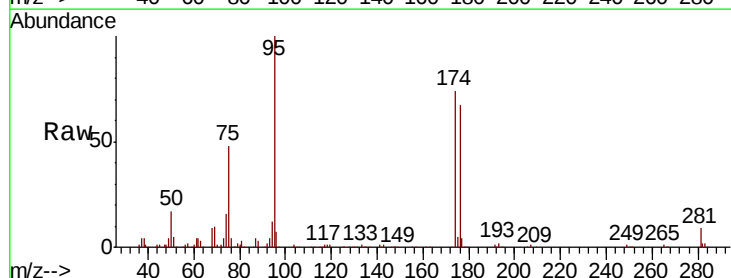
Tgt Ion: 95 Resp: 75400

Ion Ratio Lower Upper

95 100

174 75.9 0.0 148.0

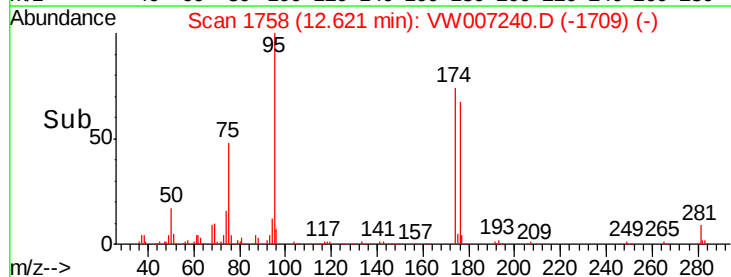
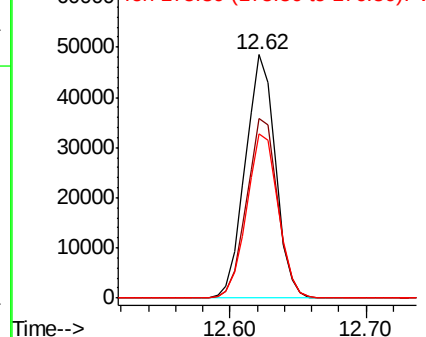
176 70.8 0.0 139.4

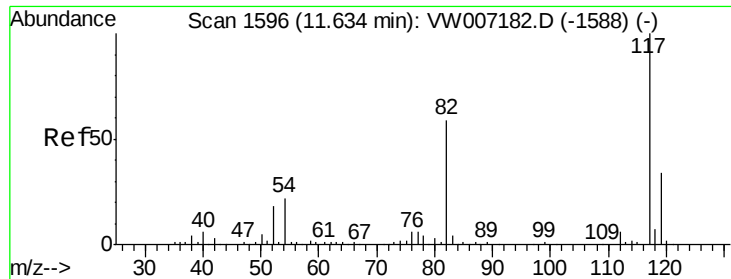


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW007240.D

Acq: 05 Dec 2018 19:11

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-8B-(9.5)

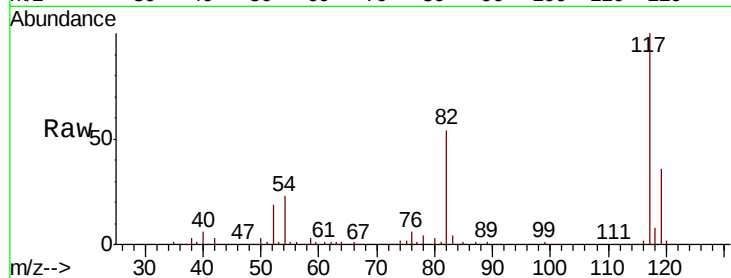
Tgt Ion:117 Resp: 176693

Ion Ratio Lower Upper

117 100

82 53.5 47.4 71.2

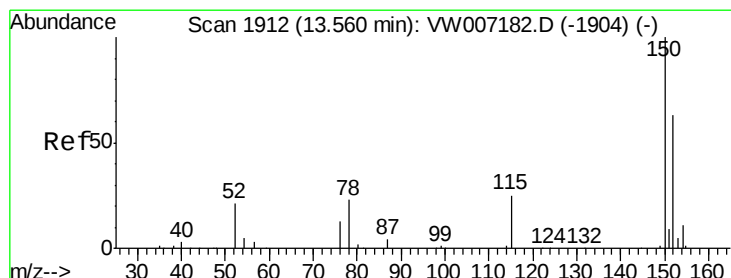
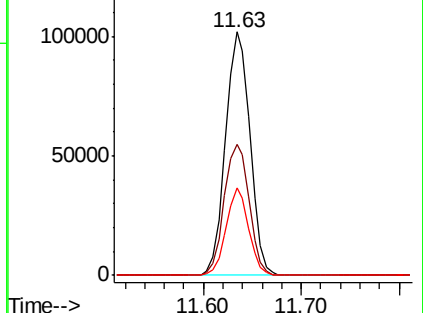
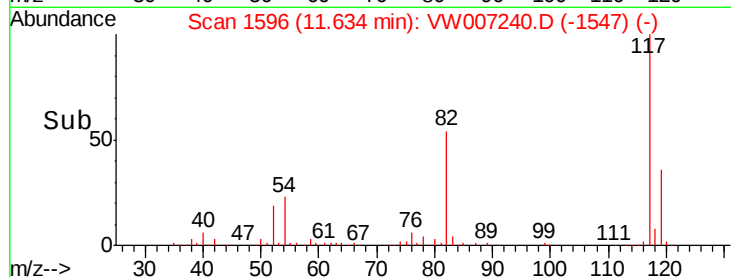
119 36.0 26.8 40.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VV

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007240.D

Acq: 05 Dec 2018 19:11

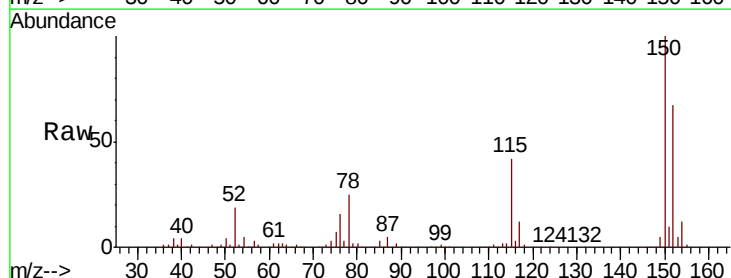
Tgt Ion:152 Resp: 87516

Ion Ratio Lower Upper

152 100

115 62.9 31.3 93.8

150 155.4 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

