

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120518\
 Data File : VW007237.D
 Acq On : 05 Dec 2018 17:54
 Operator : SY/AP
 Sample : J6204-10
 Misc : 6.06G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-7A-(1)

Quant Time: Dec 06 06:21:59 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	112889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	183796	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	149006	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	54337	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	49841	47.42	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.84%	
35) Dibromofluoromethane	7.89	113	46636	44.31	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.62%	
50) Toluene-d8	10.32	98	172452	37.20	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	74.40%	
62) 4-Bromofluorobenzene	12.62	95	58389	33.37	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	66.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.15	59	183	Below Cal	#	75
16) Acetone	4.14	43	484	1.945	ug/l	100
20) Methylene Chloride	4.92	84	9662	2.786	ug/l #	87
36) 1,1-Dichloropropene	7.95	75	8668	4.847	ug/l #	50
38) Carbon Tetrachloride	7.95	117	11613	6.362	ug/l #	18
51) 4-Methyl-2-Pentanone	10.32	43	751	1.213	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	29160	69.307	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	29160	149.381	ug/l #	13

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

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Misc : 6.06G/5ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007237.D

Acq: 05 Dec 2018 17:54

Instrument :

MSVOA_W

ClientSampleId :

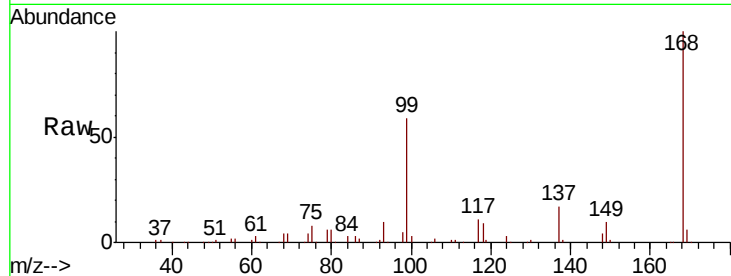
HLSP-SB-7A-(1)

Tot Ion:168 Resp: 112889

Ion Ratio Lower Upper

168 100

99 58.8 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

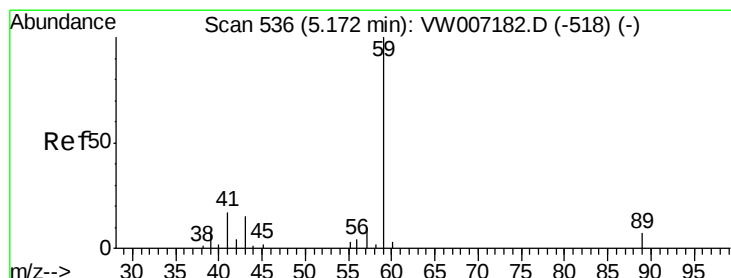
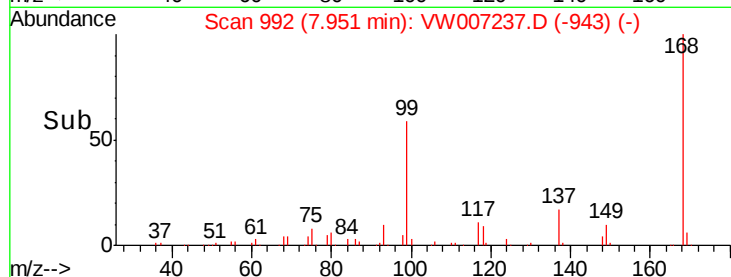
30000

20000

10000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.15 min Scan# 532

Delta R.T. -0.02 min

Lab File: VW007237.D

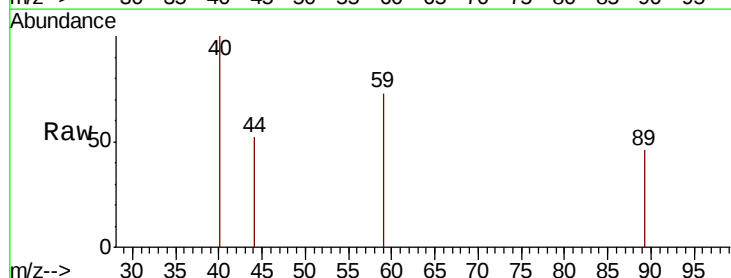
Acq: 05 Dec 2018 17:54

Tgt Ion: 59 Resp: 183

Ion Ratio Lower Upper

59 100

57 0.0 7.1 10.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.15

100

80

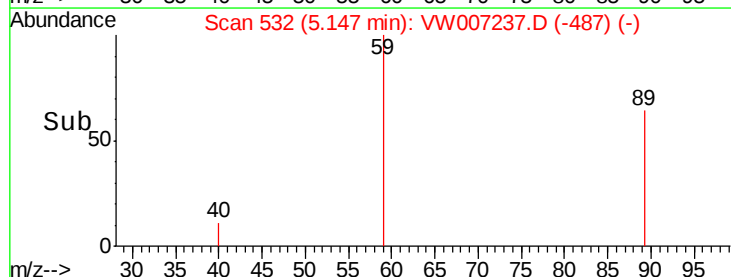
60

40

20

0

Time-->





#16

Acetone

Concen: 1.945 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW007237.D

Acq: 05 Dec 2018 17:54

Instrument :

MSVOA_W

ClientSampleId :

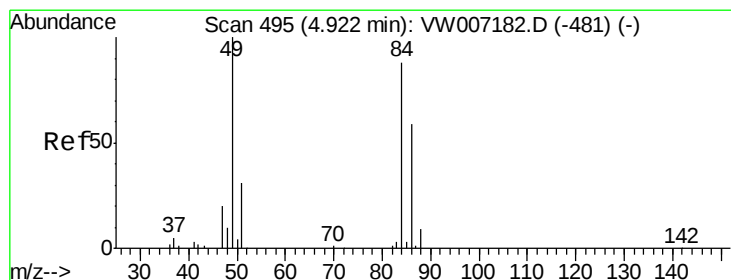
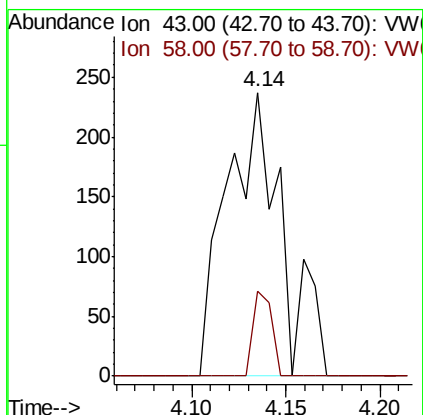
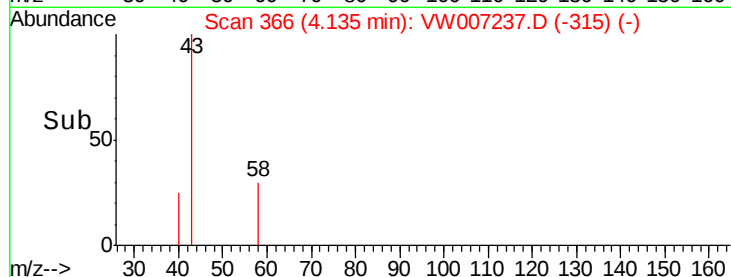
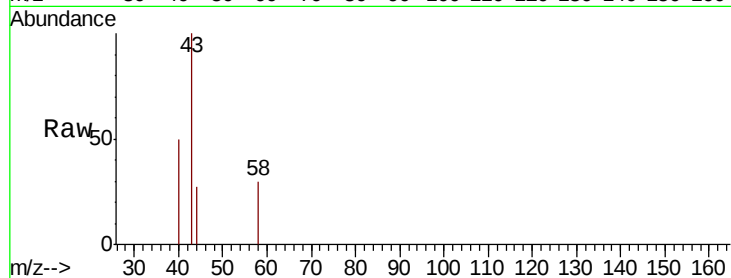
HLSP-SB-7A-(1)

Tot Ion: 43 Resp: 484

Ion Ratio Lower Upper

43 100

58 30.0 23.8 35.8



#20

Methylene Chloride

Concen: 2.786 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW007237.D

Acq: 05 Dec 2018 17:54

Tgt Ion: 84 Resp: 9662

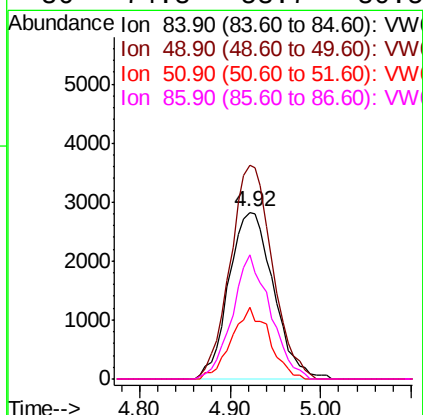
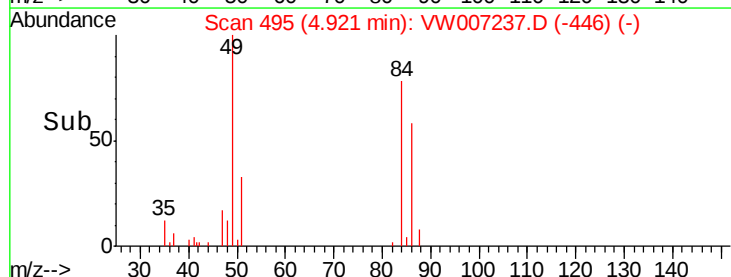
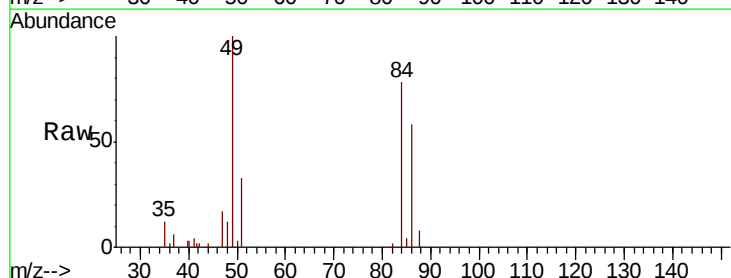
Ion Ratio Lower Upper

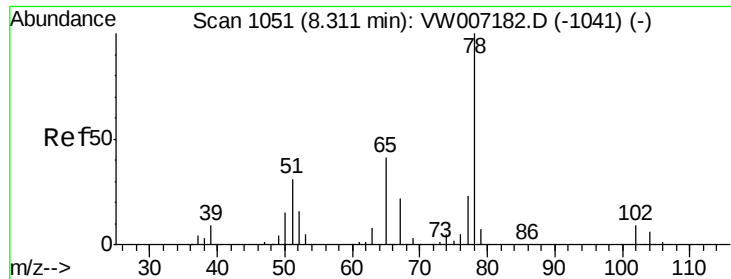
84 100

49 128.1 90.6 135.8

51 42.7 27.6 41.4#

86 74.8 53.7 80.5

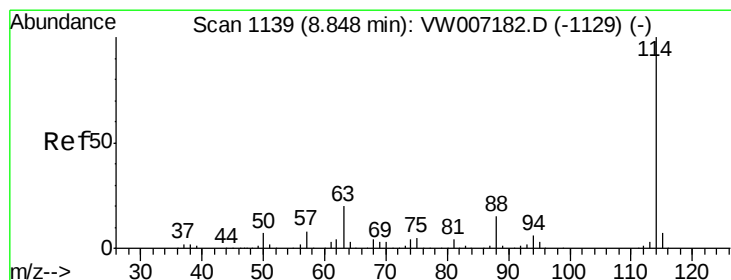
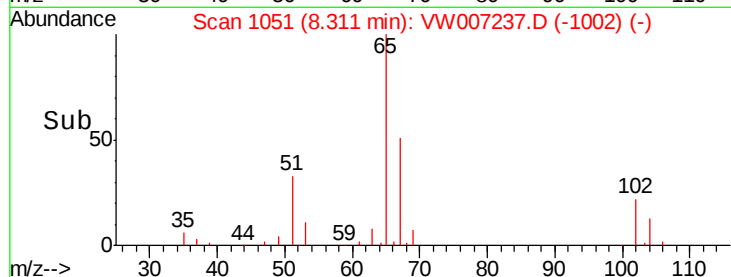
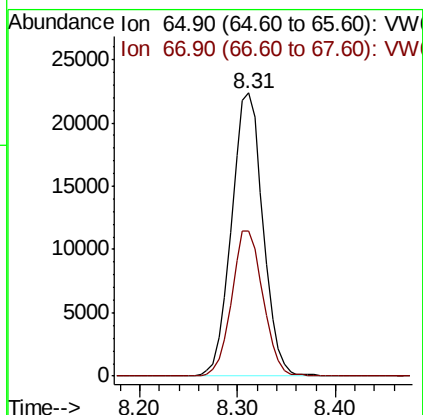
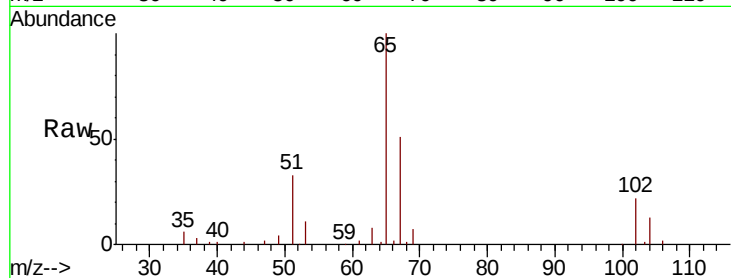




#33
 1,2-Dichloroethane-d4
 Concen: 47.421 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW007237.D
 Acq: 05 Dec 2018 17:54

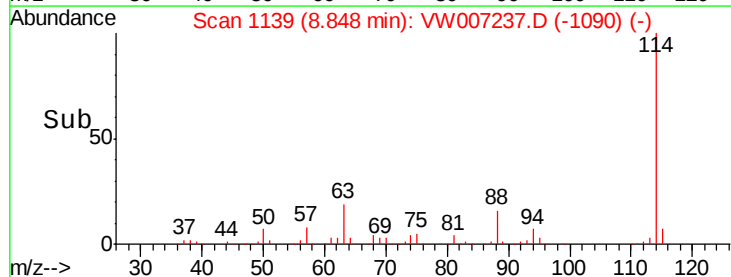
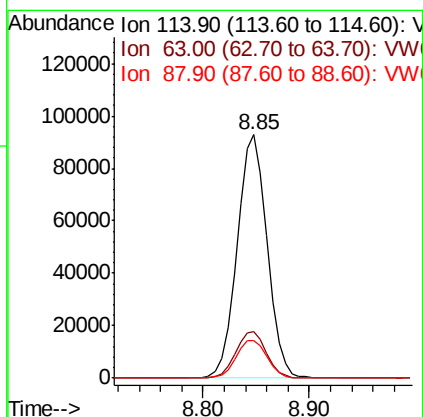
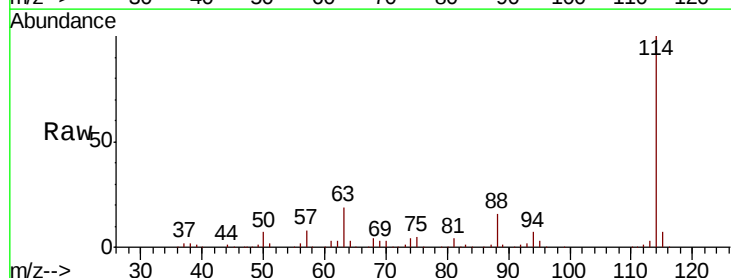
Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-7A-(1)

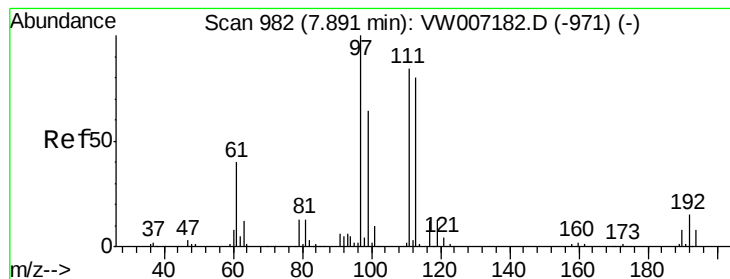
Tot Ion: 65 Resp: 49841
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007237.D
 Acq: 05 Dec 2018 17:54

Tgt Ion: 114 Resp: 183796
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 40.2
 88 15.5 0.0 30.0





#35

Dibromofluoromethane

Concen: 44.313 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW007237.D

Acq: 05 Dec 2018 17:54

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-7A-(1)

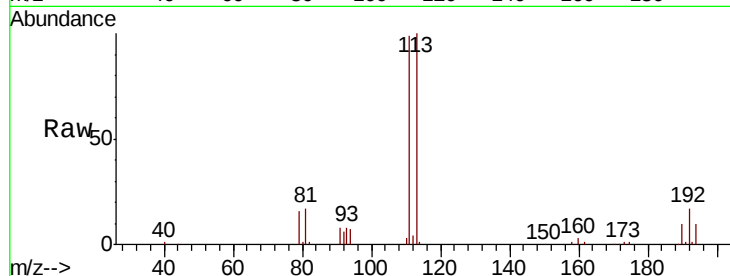
Tot Ion:113 Resp: 46636

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

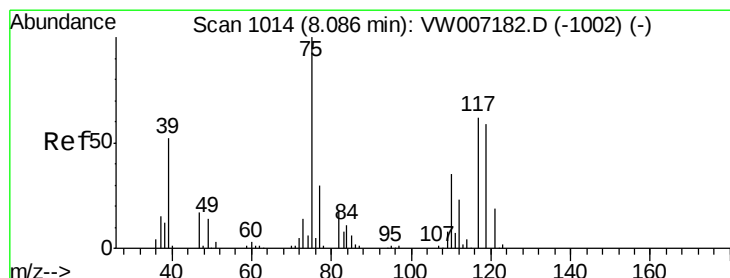
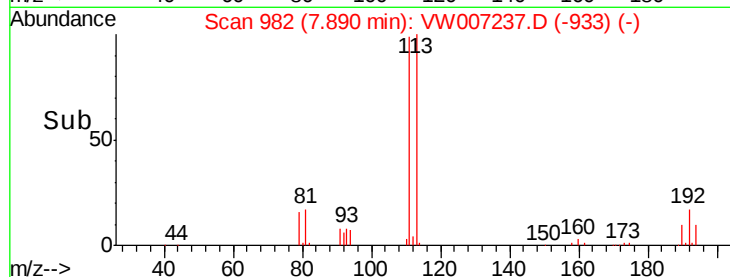
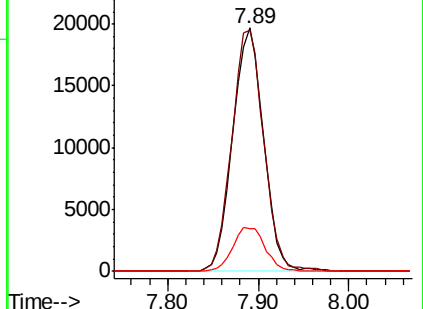
192 18.7 14.4 21.6



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



#36

1,1-Dichloropropene

Concen: 4.847 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW007237.D

Acq: 05 Dec 2018 17:54

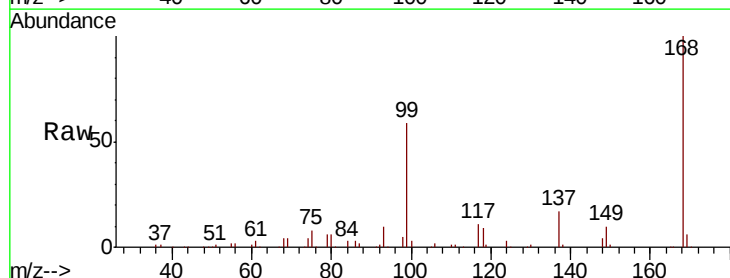
Tgt Ion: 75 Resp: 8668

Ion Ratio Lower Upper

75 100

110 10.3 18.3 54.9#

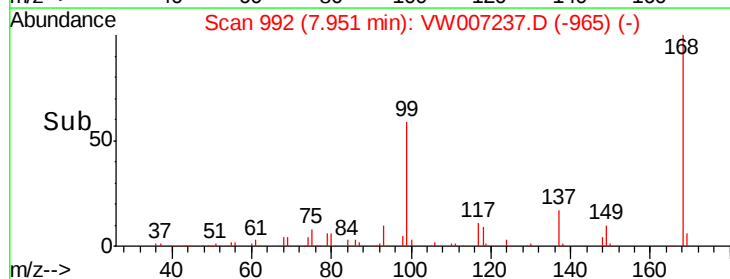
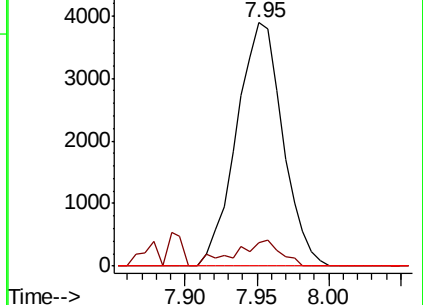
77 0.0 24.9 37.3#

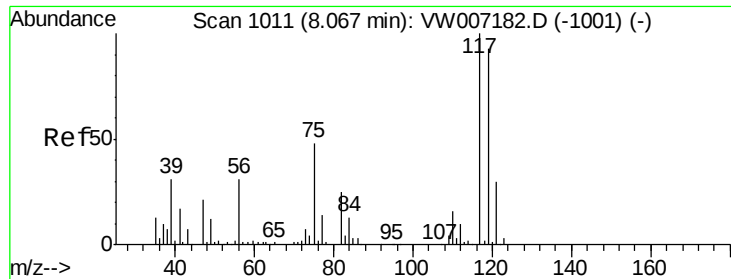


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.362 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW007237.D

Acq: 05 Dec 2018 17:54

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-7A-(1)

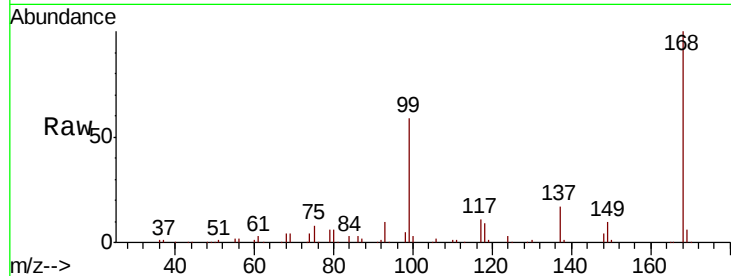
Tot Ion:117 Resp: 11613

Ion Ratio Lower Upper

117 100

119 5.6 74.1 111.1#

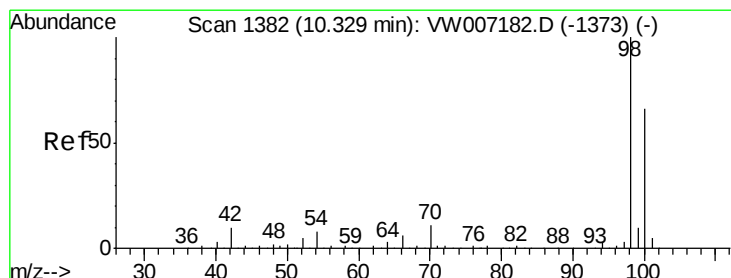
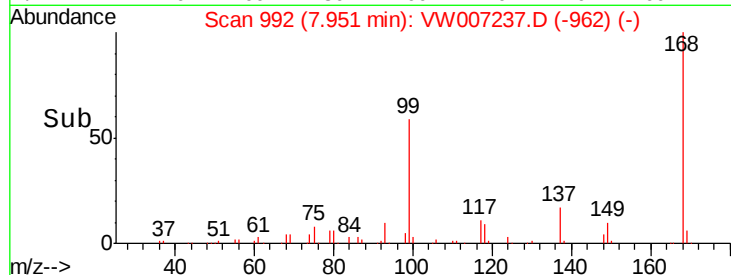
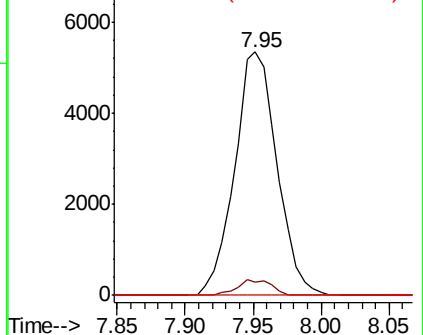
121 0.0 23.9 35.9#



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: 37.200 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW007237.D

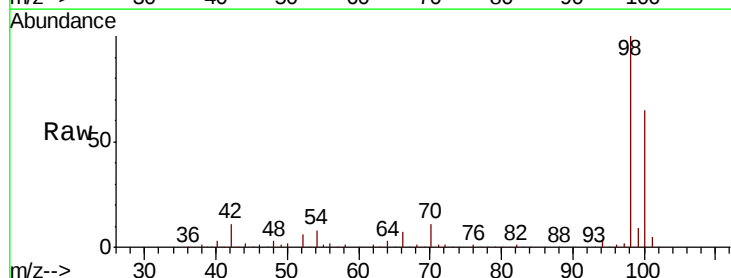
Acq: 05 Dec 2018 17:54

Tgt Ion: 98 Resp: 172452

Ion Ratio Lower Upper

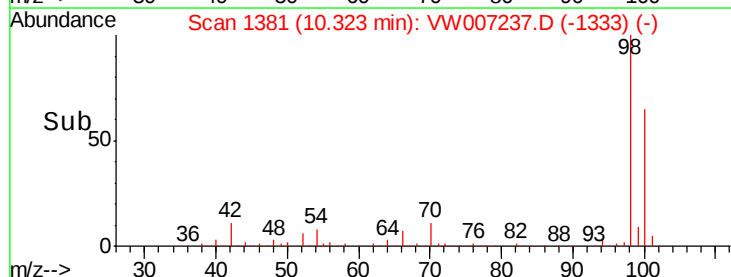
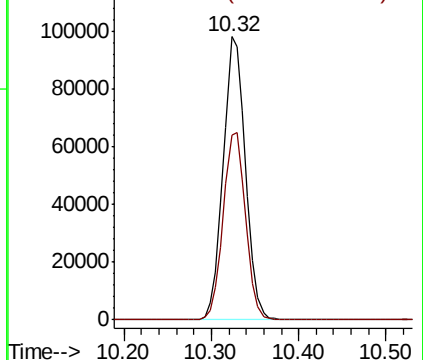
98 100

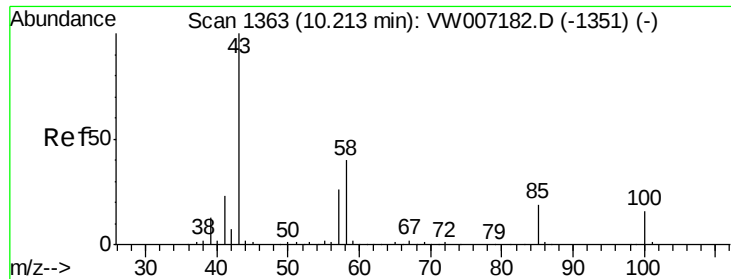
100 66.7 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 1.213 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW007237.D

Acq: 05 Dec 2018 17:54

Instrument :

MSVOA_W

ClientSampleId :

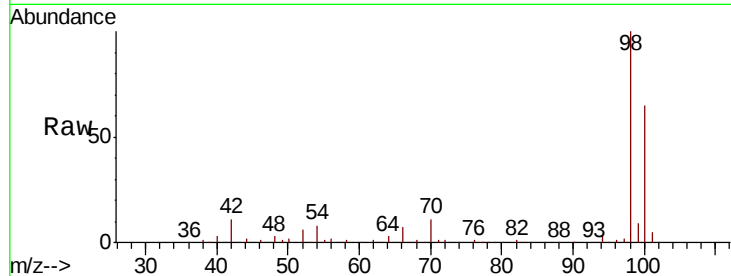
HLSP-SB-7A-(1)

Tot Ion: 43 Resp: 751

Ion Ratio Lower Upper

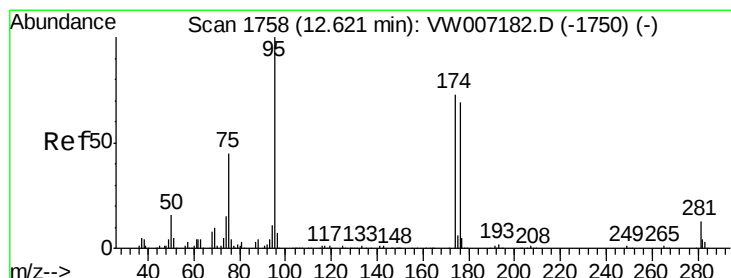
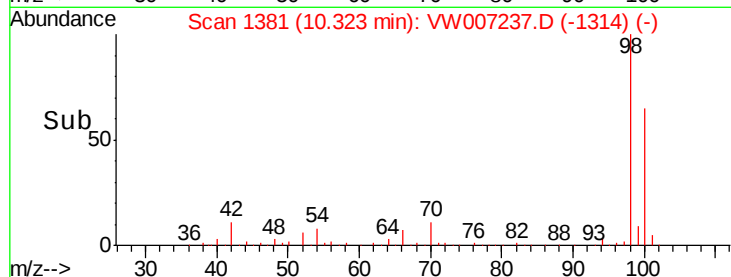
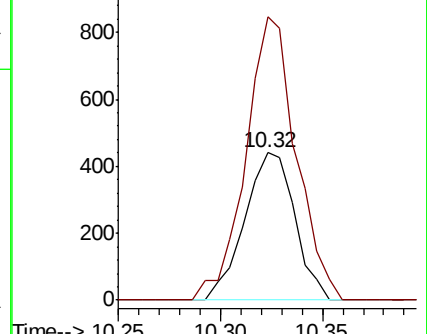
43 100

58 194.0 32.3 48.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#62

4-Bromofluorobenzene

Concen: 33.369 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007237.D

Acq: 05 Dec 2018 17:54

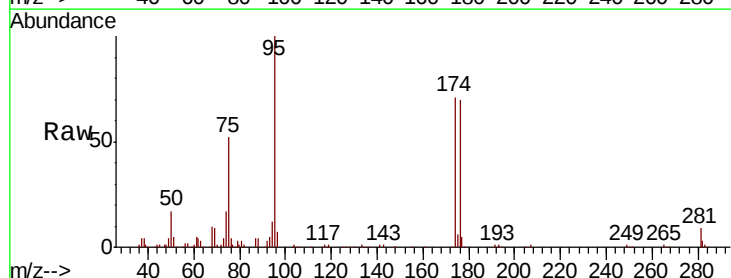
Tgt Ion: 95 Resp: 58389

Ion Ratio Lower Upper

95 100

174 72.8 0.0 148.0

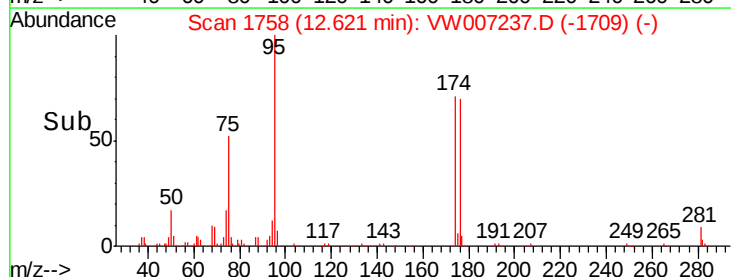
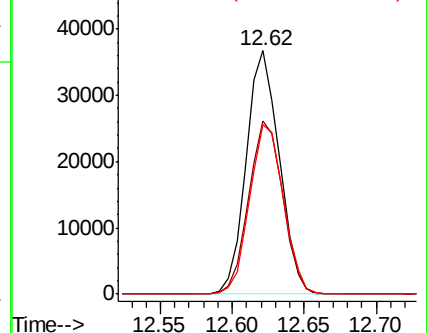
176 71.1 0.0 139.4

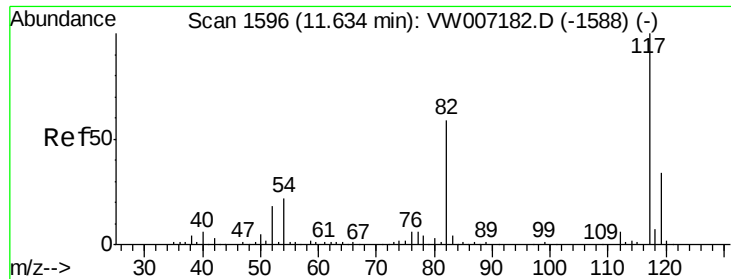


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

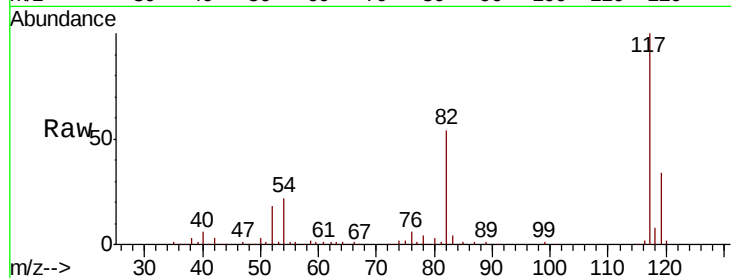




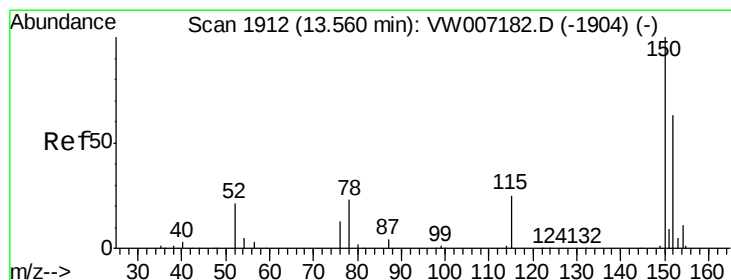
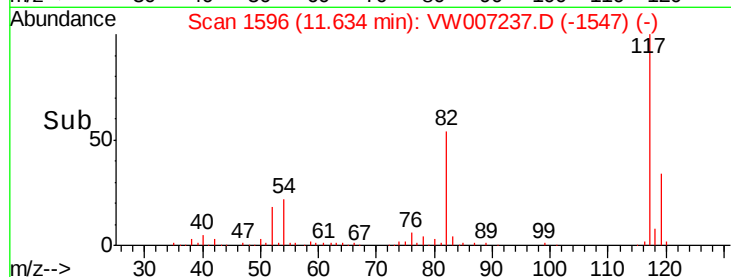
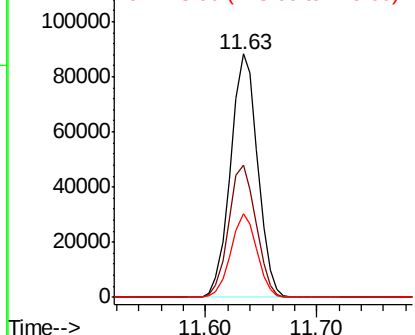
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007237.D
Acq: 05 Dec 2018 17:54

Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-7A-(1)

Tot Ion:117 Resp: 149006
Ion Ratio Lower Upper
117 100
82 54.3 47.4 71.2
119 34.5 26.8 40.2

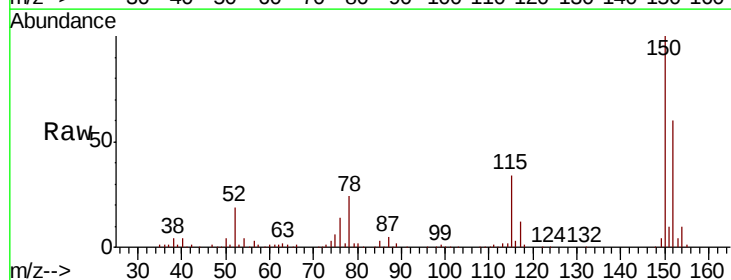


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

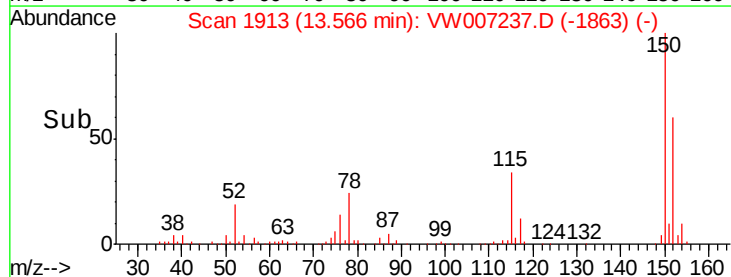
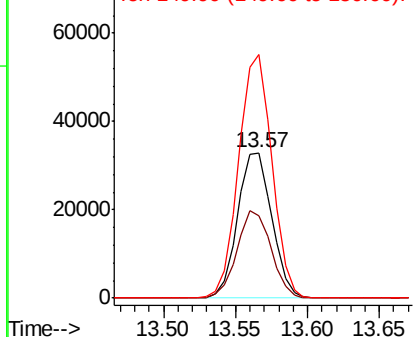


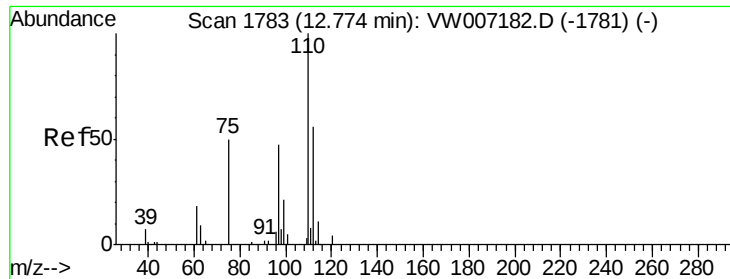
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007237.D
Acq: 05 Dec 2018 17:54

Tgt Ion:152 Resp: 54337
Ion Ratio Lower Upper
152 100
115 59.6 31.3 93.8
150 163.2 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

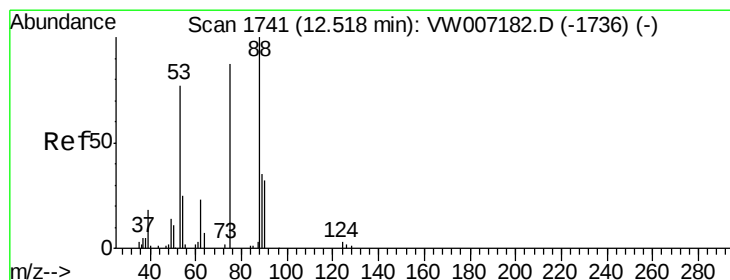
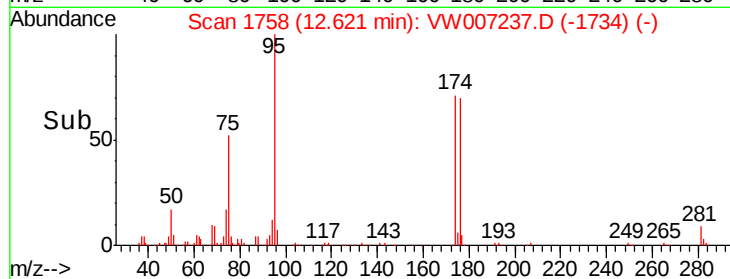
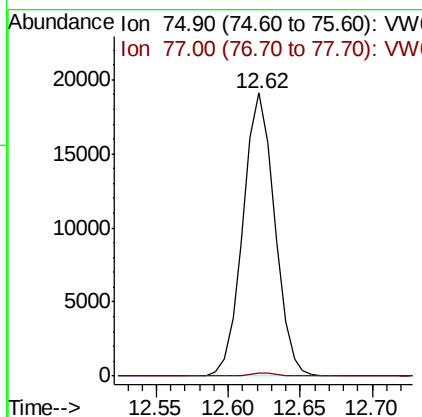
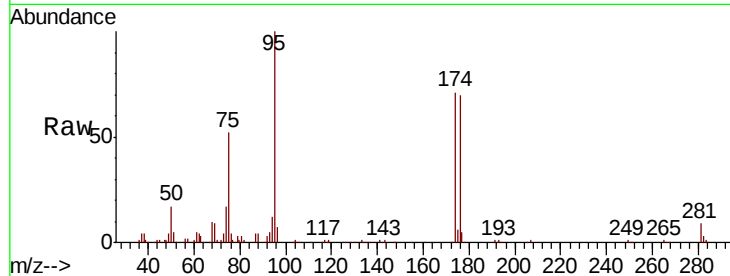




#76
 1,2,3-Trichloropropane
 Concen: 69.307 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW007237.D
 Acq: 05 Dec 2018 17:54

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-7A-(1)

Tot Ion: 75 Resp: 29160
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 149.381 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW007237.D
 Acq: 05 Dec 2018 17:54

Tgt Ion: 75 Resp: 29160
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.8 109.2#
 89 0.0 36.4 54.6#

