

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120518\
 Data File : VW007238.D
 Acq On : 05 Dec 2018 18:20
 Operator : SY/AP
 Sample : J6204-12
 Misc : 6.44G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-7B-(2.5)

Quant Time: Dec 06 06:22:09 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

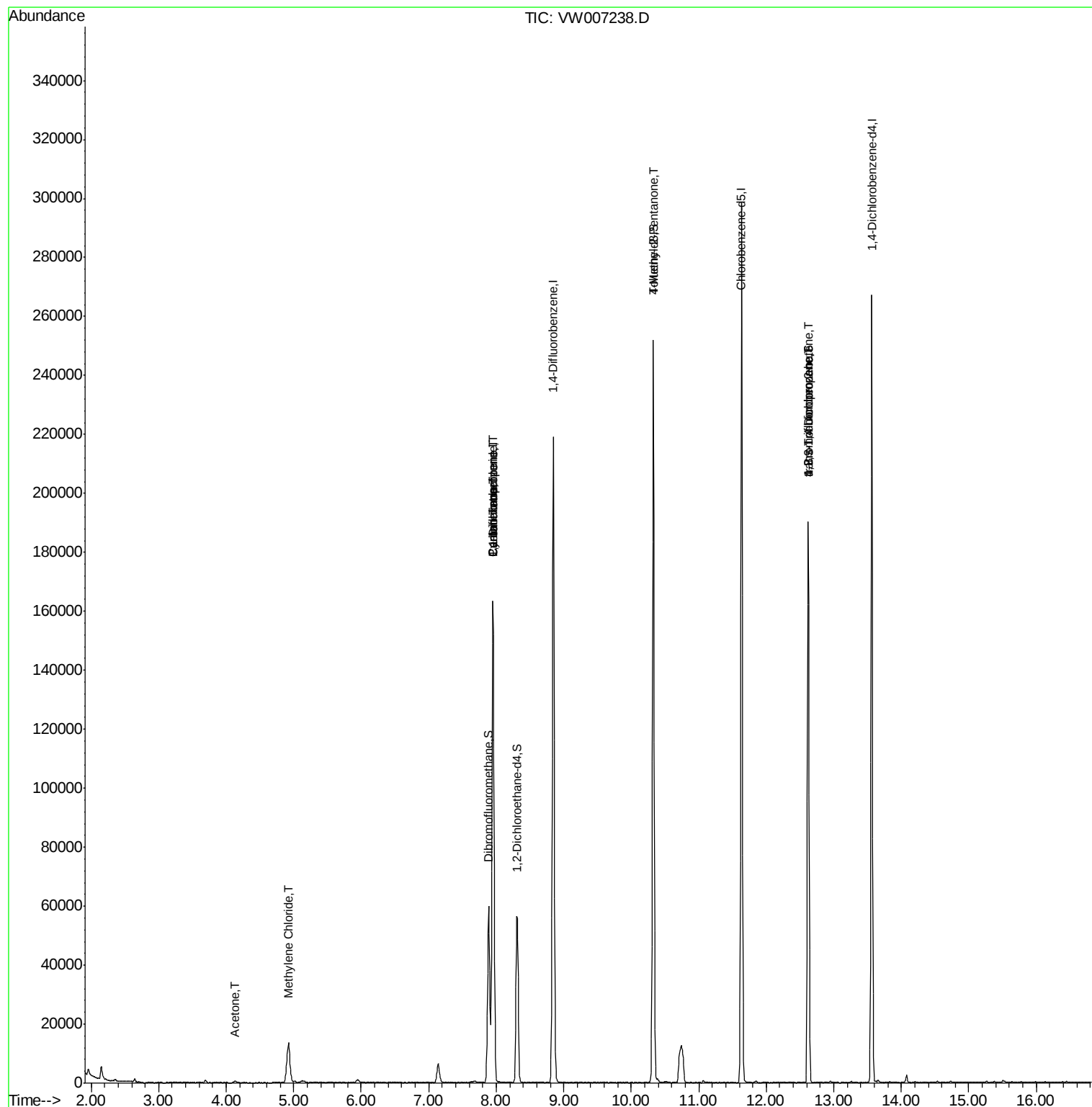
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	122047	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	194566	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	171822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	69219	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	48134	42.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.72%	
35) Dibromofluoromethane	7.89	113	43923	39.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.86%	
50) Toluene-d8	10.32	98	174015	35.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.92%	
62) 4-Bromofluorobenzene	12.62	95	63718	34.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.80%	
Target Compounds						
11) Tert butyl alcohol	5.13	59	485	Below Cal	#	75
16) Acetone	4.14	43	934	3.472	ug/l	93
20) Methylene Chloride	4.92	84	11203	3.410	ug/l	96
31) Cyclohexane	7.95	56	2341	1.038	ug/l #	21
36) 1,1-Dichloropropene	7.95	75	9384	4.957	ug/l #	48
38) Carbon Tetrachloride	7.95	117	12389	6.412	ug/l #	18
51) 4-Methyl-2-Pentanone	10.32	43	785	1.198	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	30890	57.634	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	30890	124.222	ug/l #	13

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

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HLSP-SB-7B-(2.5)

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Quant Title : SW846 8260
QLast Update : Wed Dec 05 01:35:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007238.D

Acq: 05 Dec 2018 18:20

Instrument :

MSVOA_W

ClientSampleId :

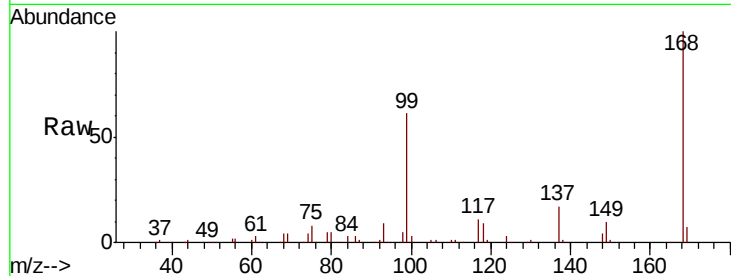
HLSP-SB-7B-(2.5)

Tot Ion:168 Resp: 122047

Ion Ratio Lower Upper

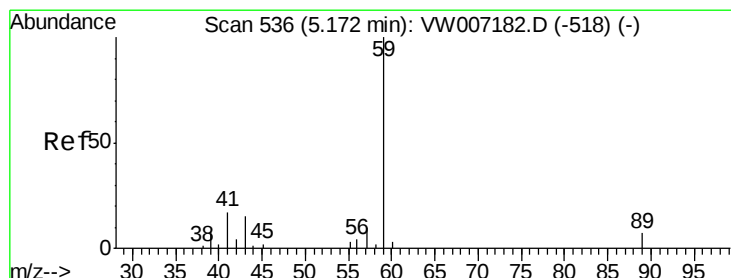
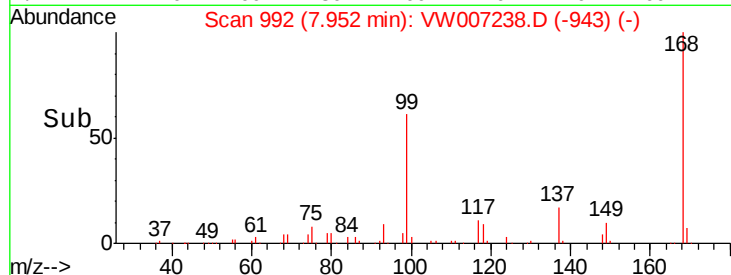
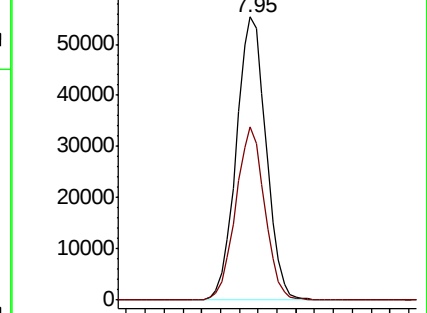
168 100

99 61.3 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.13 min Scan# 530

Delta R.T. -0.04 min

Lab File: VW007238.D

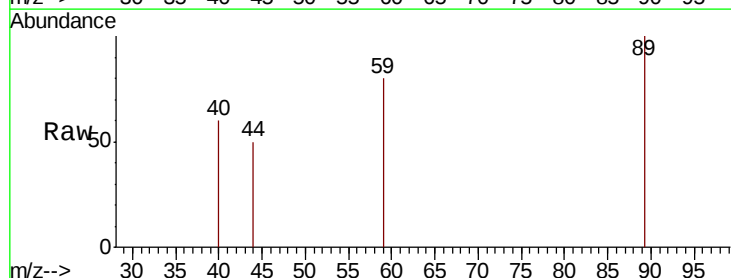
Acq: 05 Dec 2018 18:20

Tgt Ion: 59 Resp: 485

Ion Ratio Lower Upper

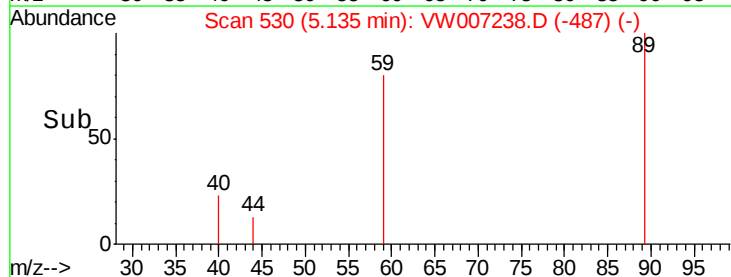
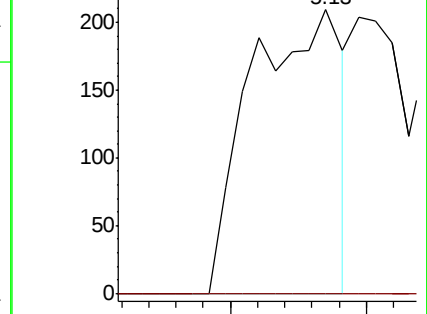
59 100

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





#16

Acetone

Concen: 3.472 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW007238.D

Acq: 05 Dec 2018 18:20

Instrument :

MSVOA_W

ClientSampleId :

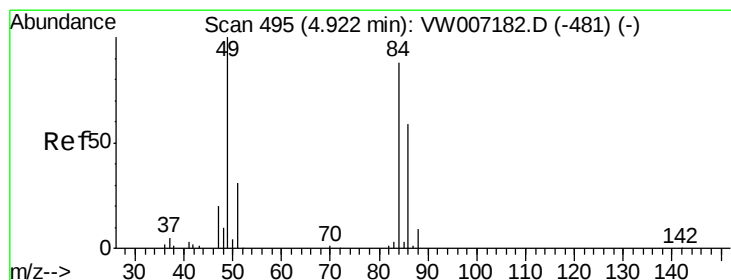
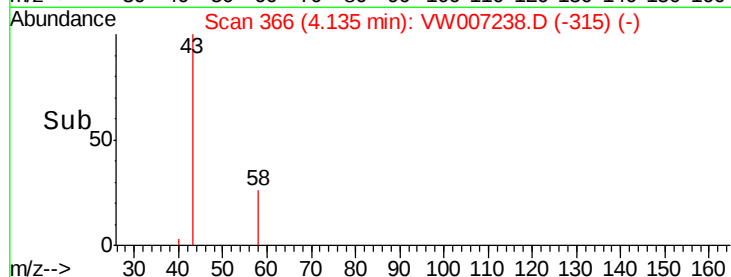
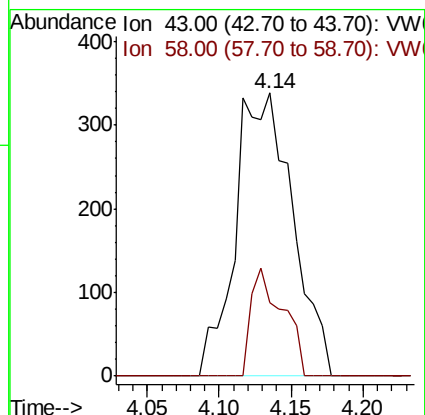
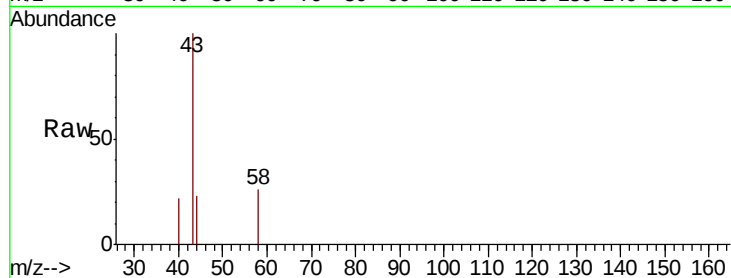
HLSP-SB-7B-(2.5)

Tot Ion: 43 Resp: 934

Ion Ratio Lower Upper

43 100

58 26.0 23.8 35.8



#20

Methylene Chloride

Concen: 3.410 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW007238.D

Acq: 05 Dec 2018 18:20

Tgt Ion: 84 Resp: 11203

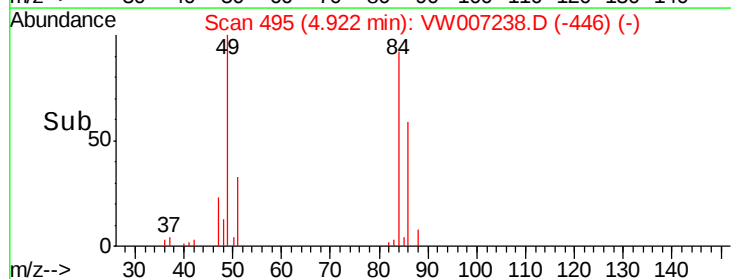
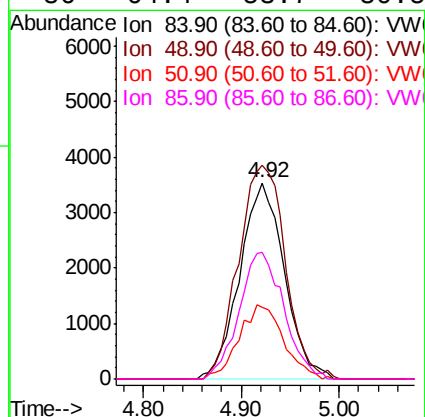
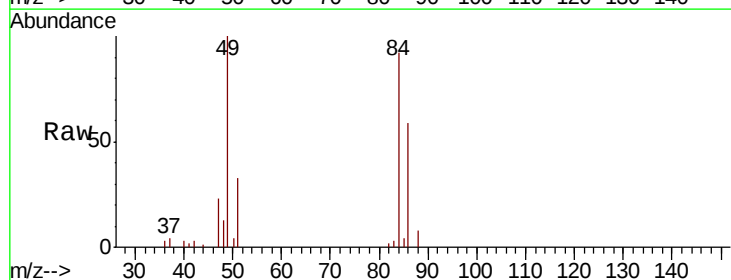
Ion Ratio Lower Upper

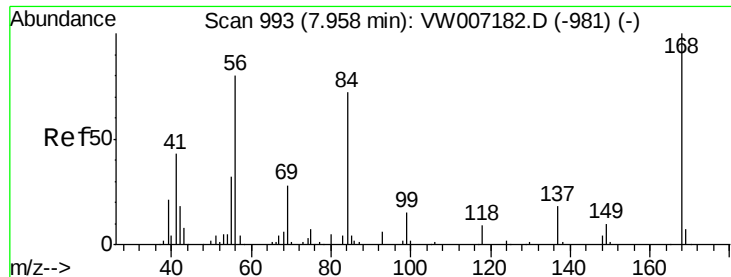
84 100

49 109.1 90.6 135.8

51 36.4 27.6 41.4

86 64.4 53.7 80.5

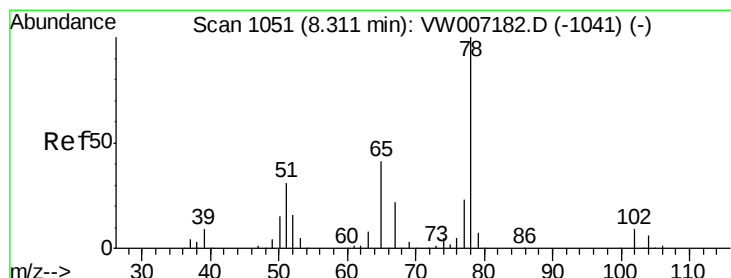
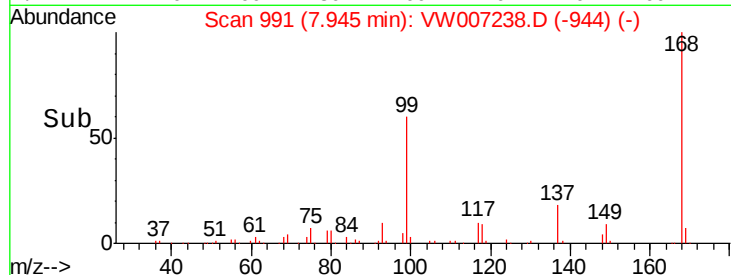
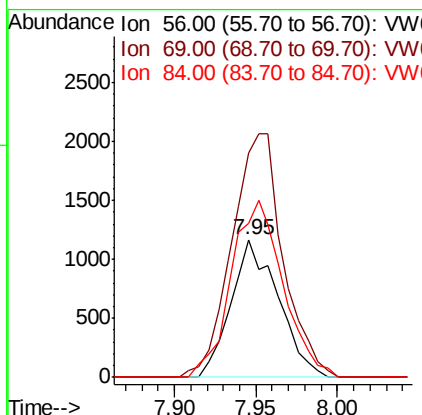
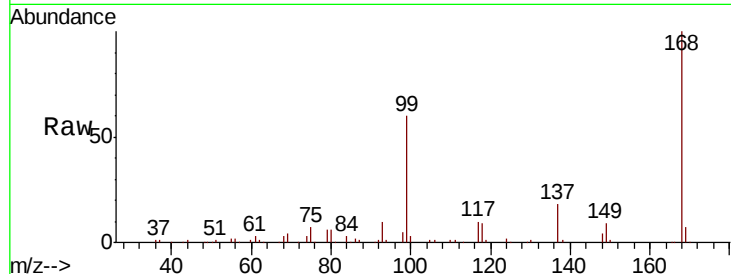




#31
Cyclohexane
Concen: 1.038 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007238.D
Acq: 05 Dec 2018 18:20

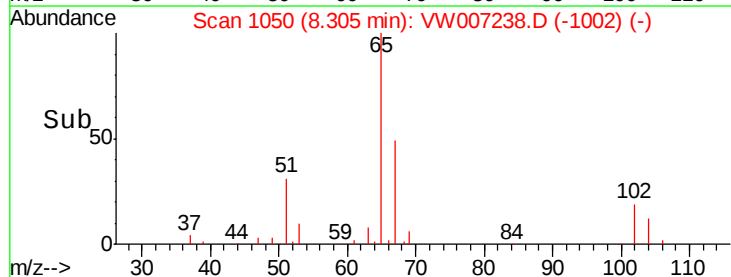
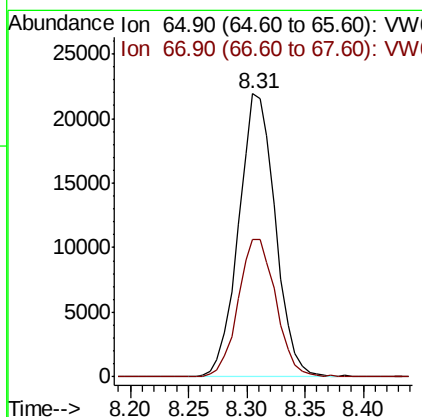
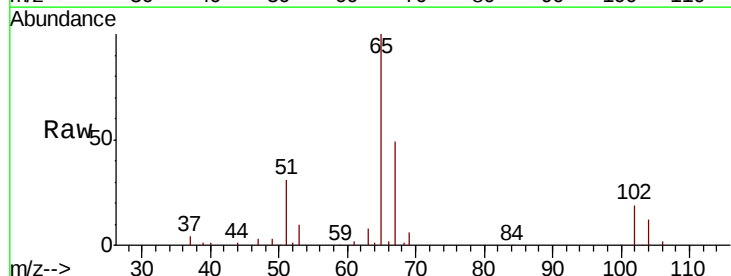
Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-7B-(2.5)

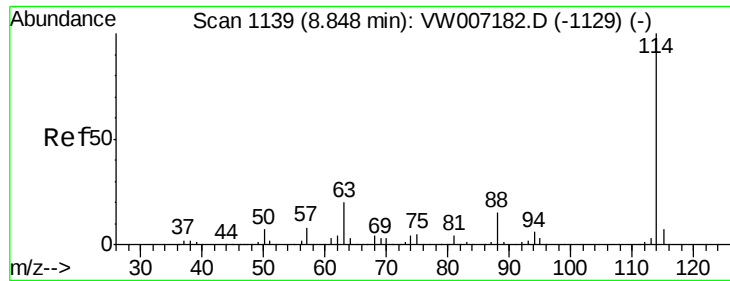
Tot Ion: 56 Resp: 2341
Ion Ratio Lower Upper
56 100
69 163.0 28.2 42.2#
84 112.2 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 42.360 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW007238.D
Acq: 05 Dec 2018 18:20

Tgt Ion: 65 Resp: 48134
Ion Ratio Lower Upper
65 100
67 50.1 0.0 106.4

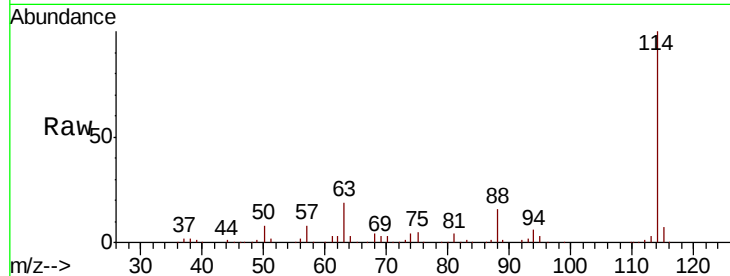




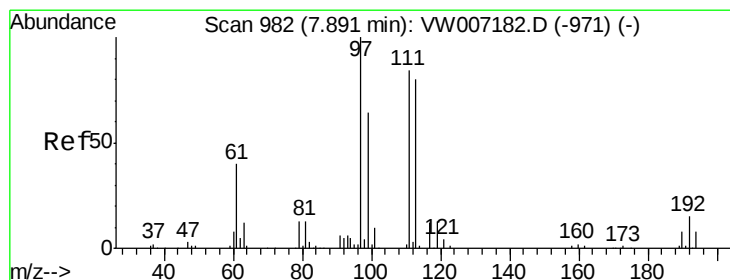
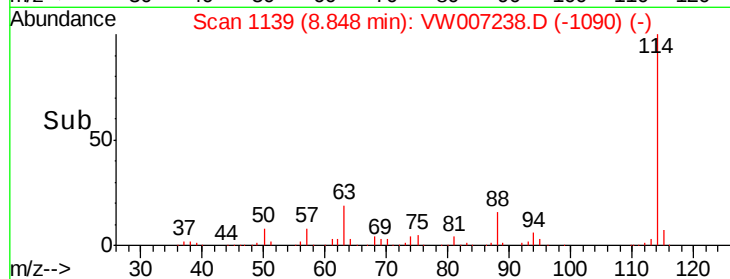
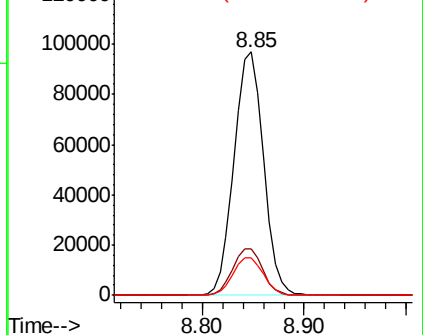
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007238.D
 Acq: 05 Dec 2018 18:20

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-7B-(2.5)

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	40.2
88	15.6	0.0	30.0

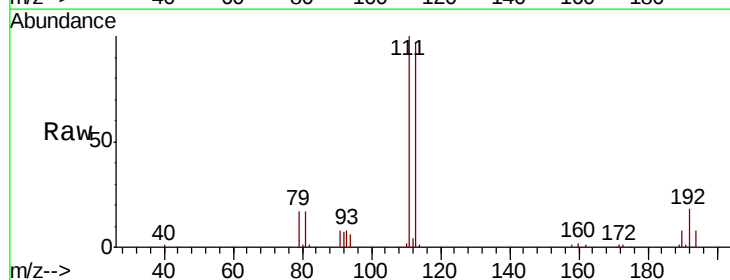


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

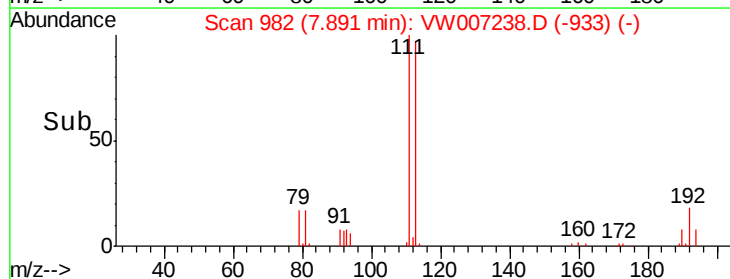
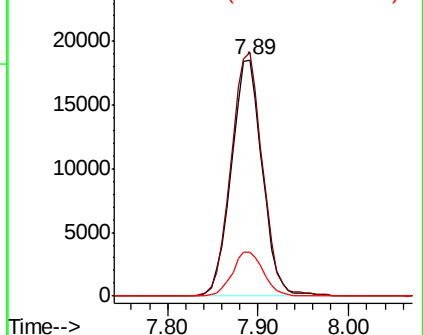


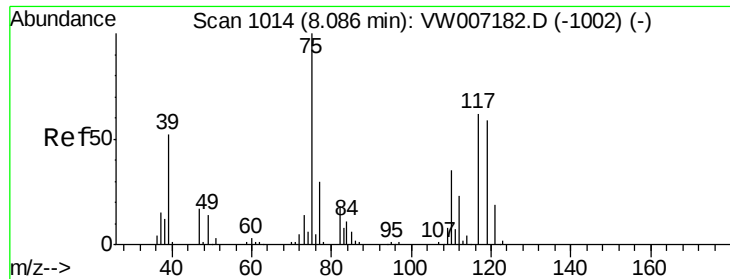
#35
 Dibromofluoromethane
 Concen: 39.425 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007238.D
 Acq: 05 Dec 2018 18:20

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.5	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

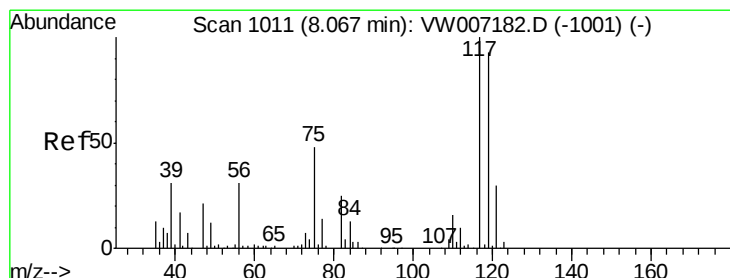
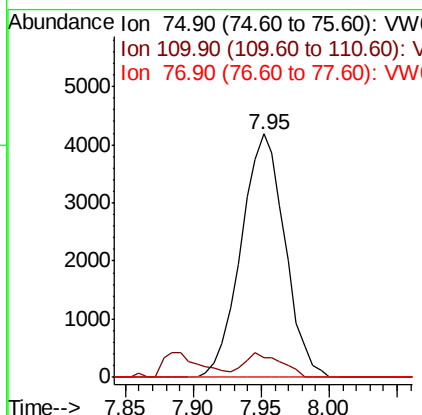
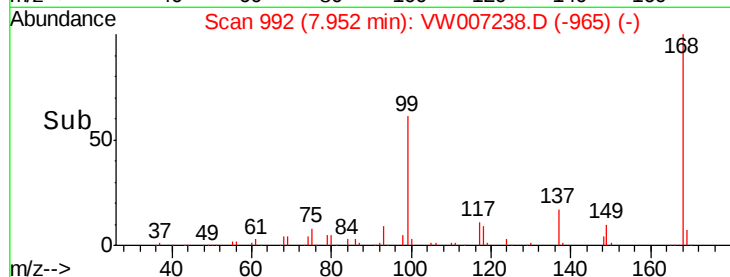
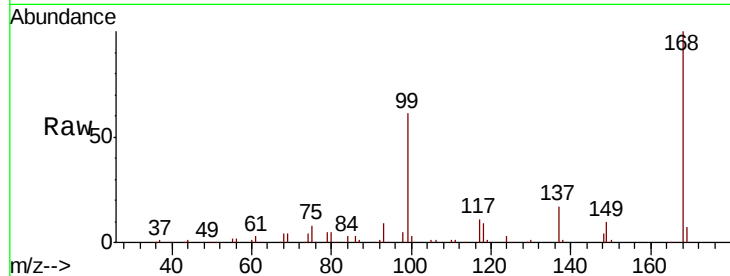




#36
 1,1-Dichloropropene
 Concen: 4.957 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007238.D
 Acq: 05 Dec 2018 18:20

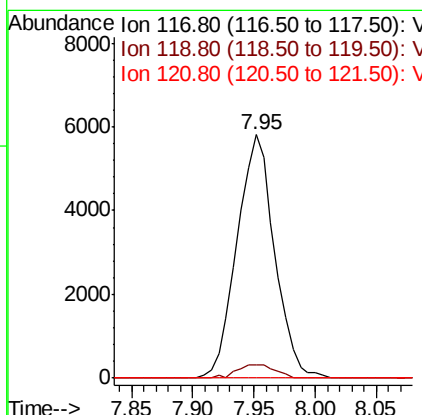
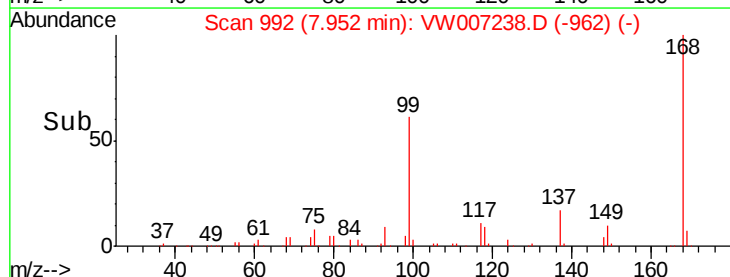
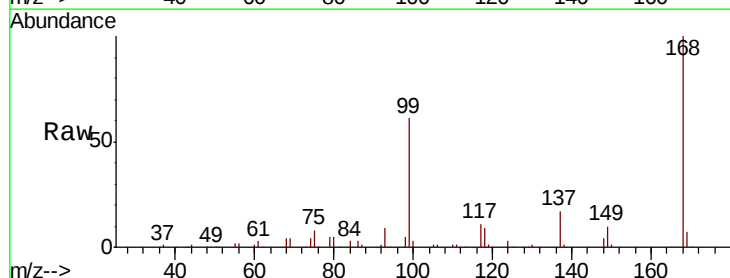
Instrument :
 MSVOA_W
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 HLSP-SB-7B-(2.5)

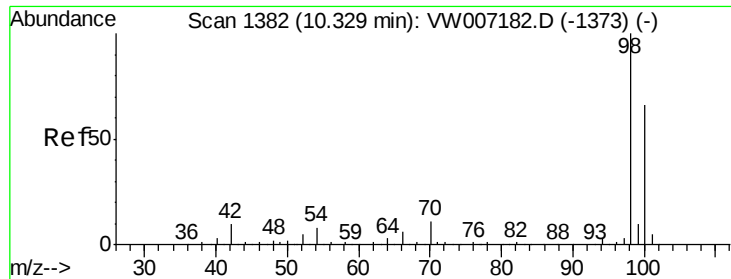
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.3	54.9#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.412 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007238.D
 Acq: 05 Dec 2018 18:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	74.1	111.1#
121	0.0	23.9	35.9#

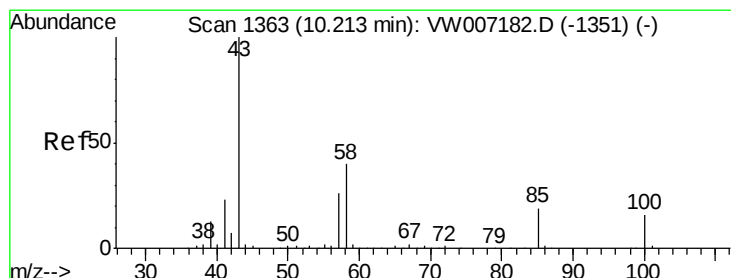
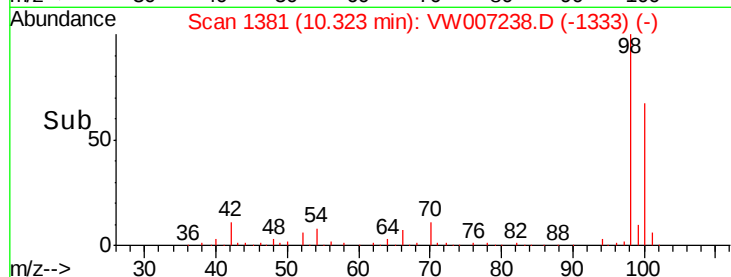
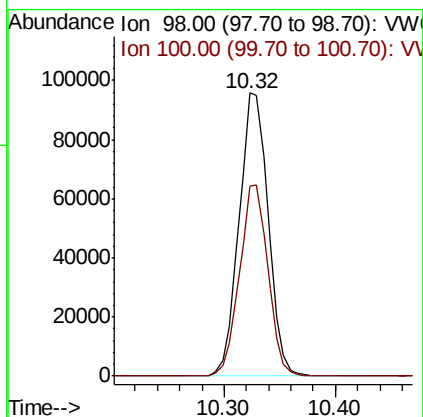
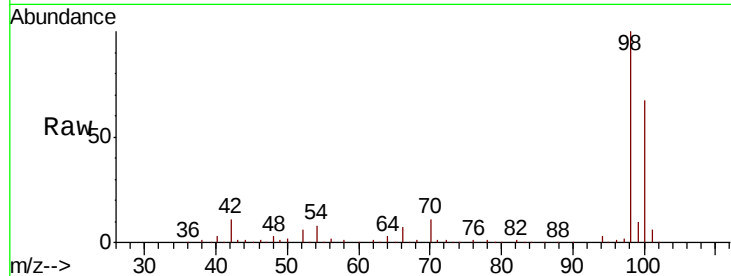




#50
Toluene-d8
Concen: 35.459 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007238.D
Acq: 05 Dec 2018 18:20

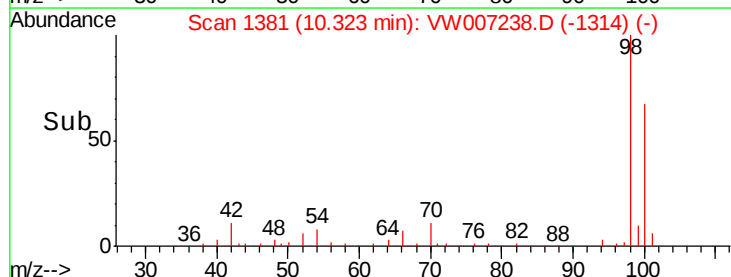
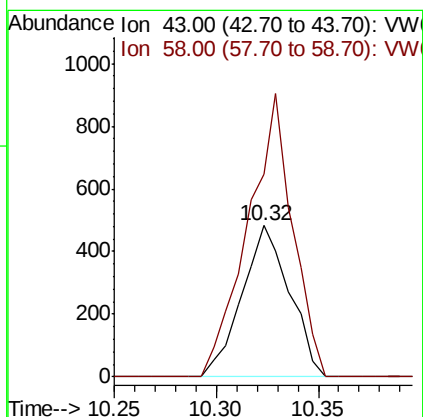
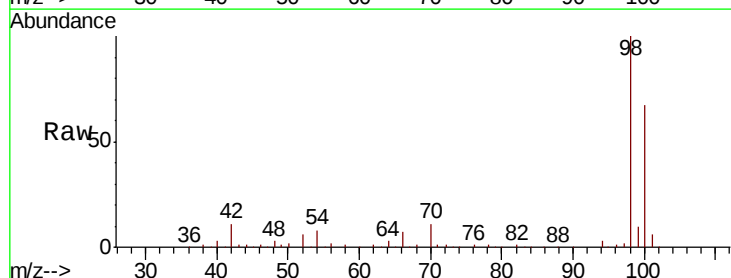
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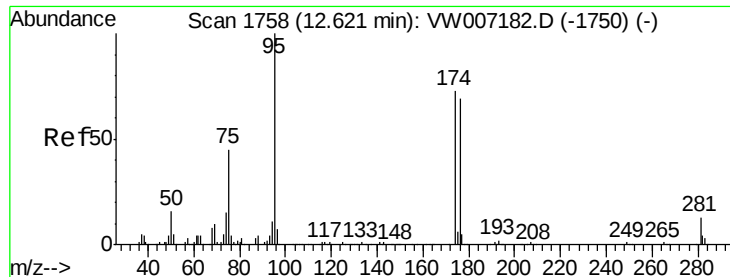
Tot Ion: 98 Resp: 174015
Ion Ratio Lower Upper
98 100
100 65.8 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 1.198 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.11 min
Lab File: VW007238.D
Acq: 05 Dec 2018 18:20

Tgt Ion: 43 Resp: 785
Ion Ratio Lower Upper
43 100
58 175.7 32.3 48.5#

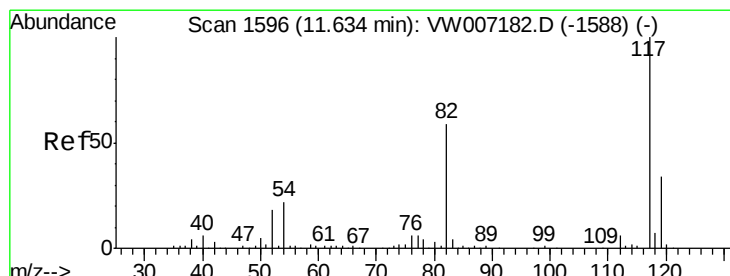
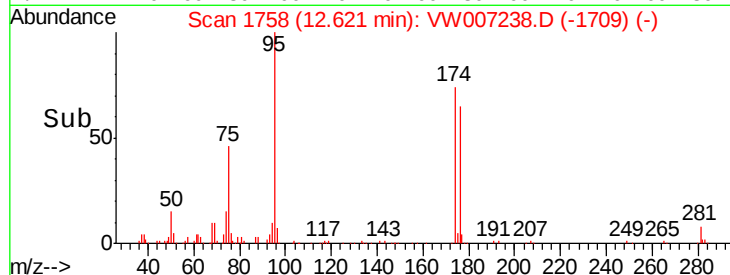
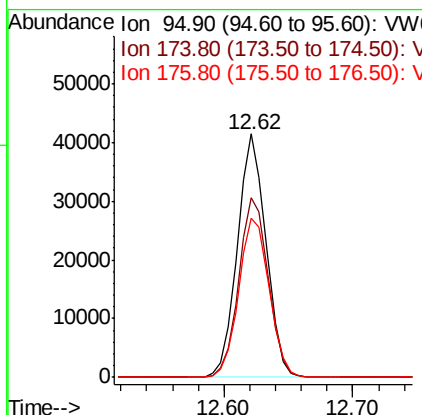
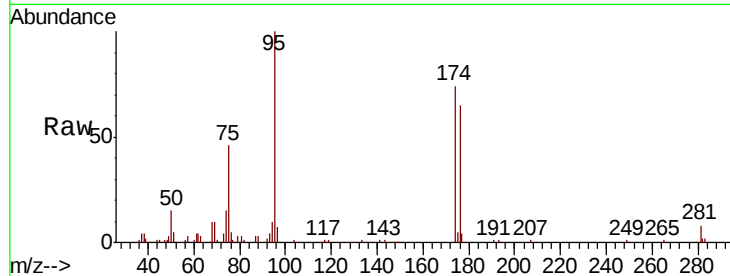




#62
4-Bromofluorobenzene
Concen: 34.399 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007238.D
Acq: 05 Dec 2018 18:20

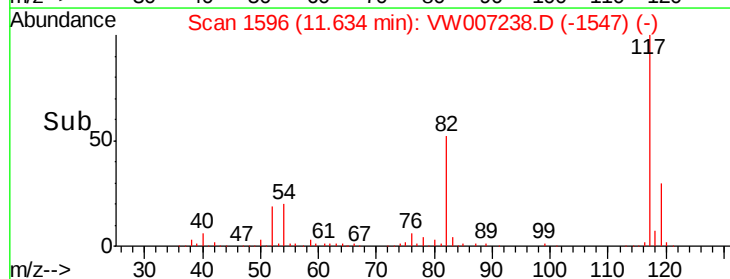
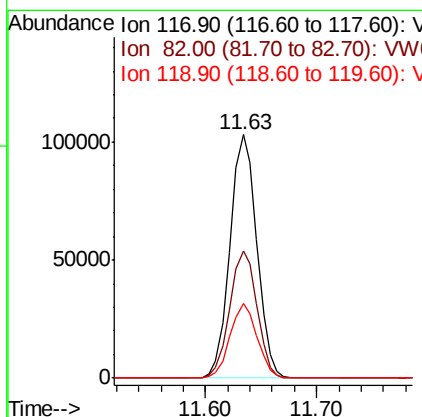
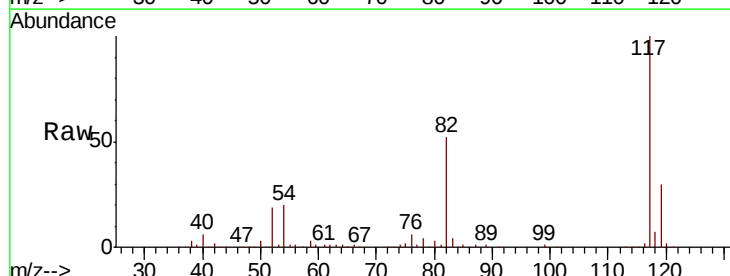
Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-7B-(2.5)

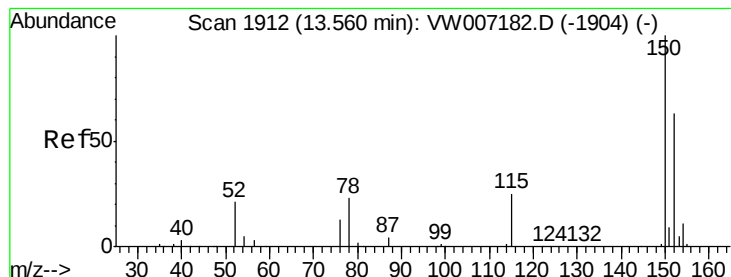
Tot Ion: 95 Resp: 63718
Ion Ratio Lower Upper
95 100
174 75.6 0.0 148.0
176 69.5 0.0 139.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007238.D
Acq: 05 Dec 2018 18:20

Tgt Ion: 117 Resp: 171822
Ion Ratio Lower Upper
117 100
82 52.4 47.4 71.2
119 30.4 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: VW007238.D

Acq: 05 Dec 2018 18:20

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-7B-(2.5)

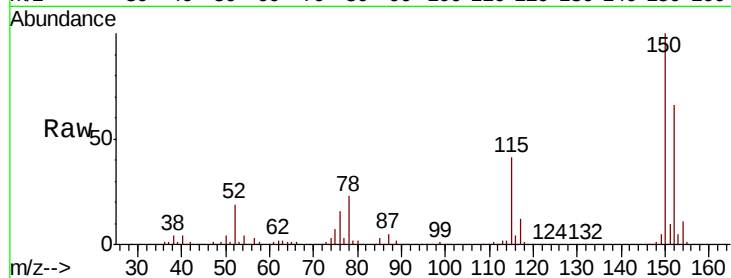
Tot Ion:152 Resp: 69219

Ion Ratio Lower Upper

152 100

115 63.2 31.3 93.8

150 163.1 0.0 358.0

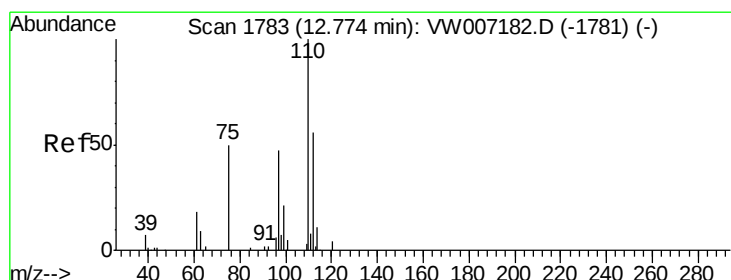
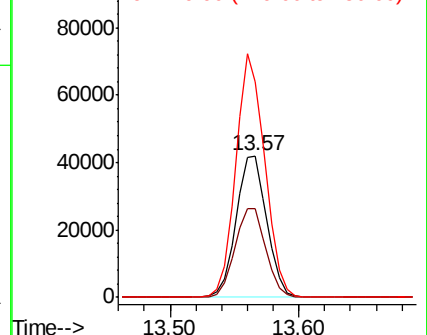
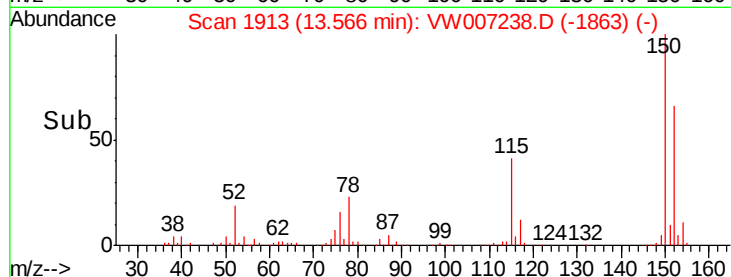


Abundance

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: 57.634 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007238.D

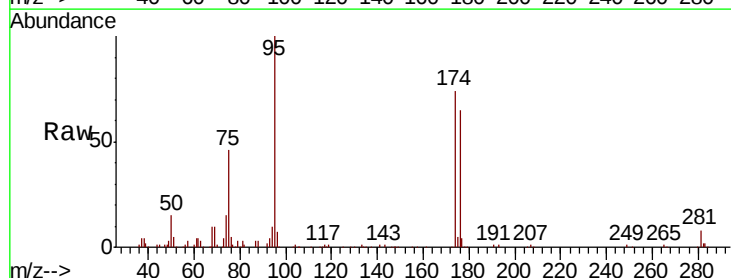
Acq: 05 Dec 2018 18:20

Tgt Ion: 75 Resp: 30890

Ion Ratio Lower Upper

75 100

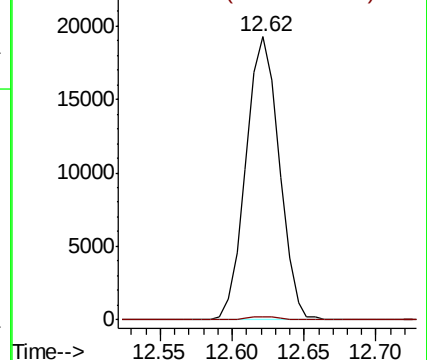
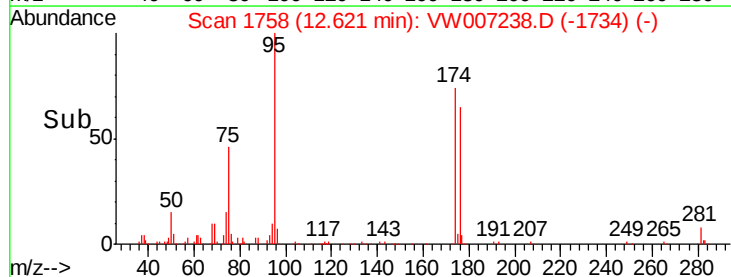
77 1.1 0.0 0.0#

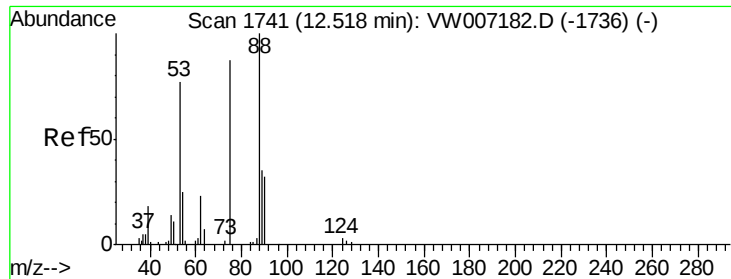


Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 124.222 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007238.D

Acq: 05 Dec 2018 18:20

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-7B-(2.5)

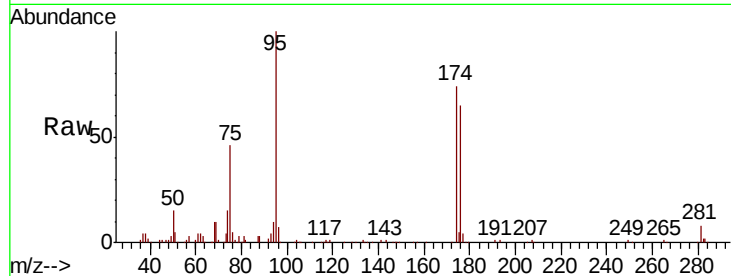
Tot Ion: 75 Resp: 30890

Ion Ratio Lower Upper

75 100

53 0.0 72.8 109.2#

89 0.0 36.4 54.6#



Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

