

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120418\
 Data File : VW007211.D
 Acq On : 05 Dec 2018 03:34
 Operator : SY/AP
 Sample : J6206-12
 Misc : 3.92G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

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

Quant Time: Dec 05 07:26:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 14:18:19 2018
 Response via : Initial Calibration

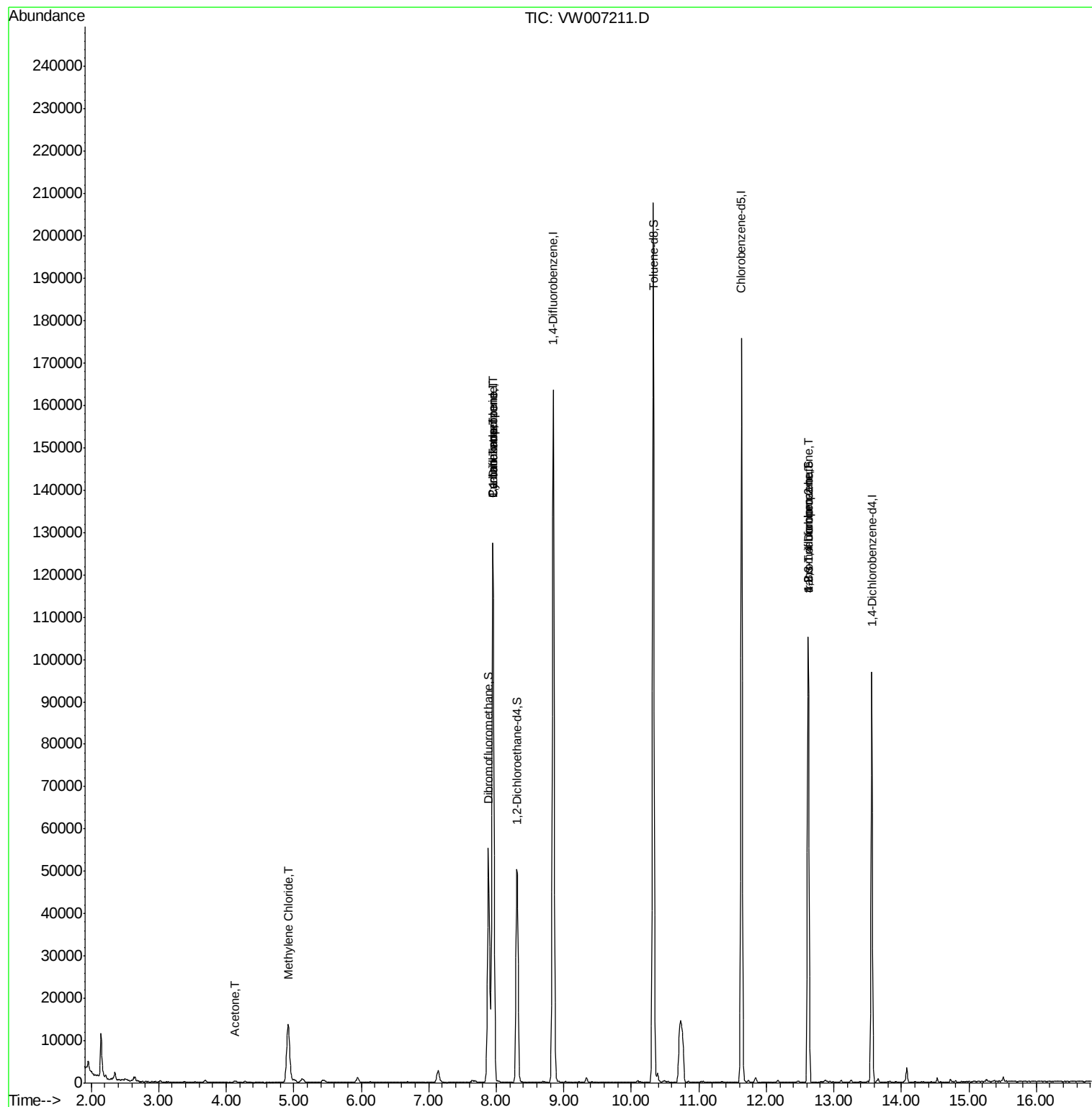
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	95805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	146949	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	100740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	26312	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	41261	46.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.52%	
35) Dibromofluoromethane	7.88	113	40957	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
50) Toluene-d8	10.32	98	142707	38.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.00%	
62) 4-Bromofluorobenzene	12.62	95	33823	24.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	48.36%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.18	59	20	Below Cal	#	75
16) Acetone	4.13	43	701	3.320	ug/l	98
20) Methylene Chloride	4.92	84	11262	6.001	ug/l	96
31) Cyclohexane	7.95	56	2038	1.151	ug/l #	40
36) 1,1-Dichloropropene	7.95	75	7042	4.925	ug/l #	50
38) Carbon Tetrachloride	7.95	117	9620	6.592	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	16718	42.280	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	16718	176.862	ug/l #	13

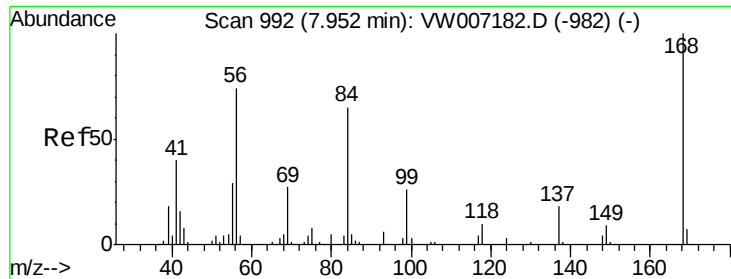
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120418\
Data File : VW007211.D
Acq On : 05 Dec 2018 03:34
Operator : SY/AP
Sample : J6206-12
Misc : 3.92G/5ML/MSVOA W/SOIL
ALS Vial : 39 Sample Multiplier: 1

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

Quant Time: Dec 05 07:26:19 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 04 14:18:19 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: VW007211.D

Acq: 05 Dec 2018 03:34

Instrument :

MSVOA_W

ClientSampleId :

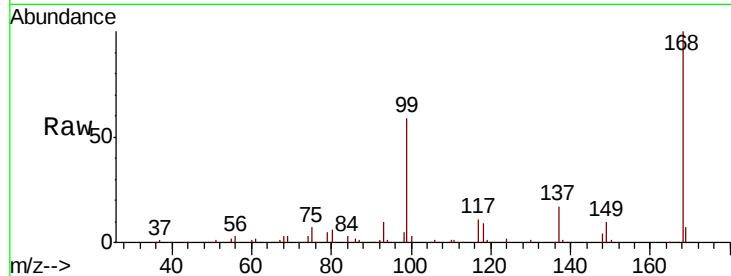
HLSP-SB-4A-(1)

Tot Ion:168 Resp: 95805

Ion Ratio Lower Upper

168 100

99 59.2 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

40000

30000

20000

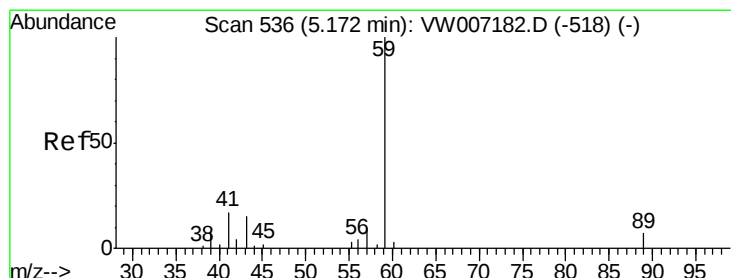
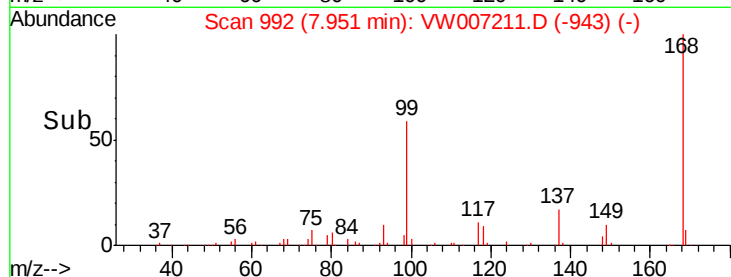
10000

0

Time-->

7.90

8.00



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.18 min Scan# 538

Delta R.T. 0.01 min

Lab File: VW007211.D

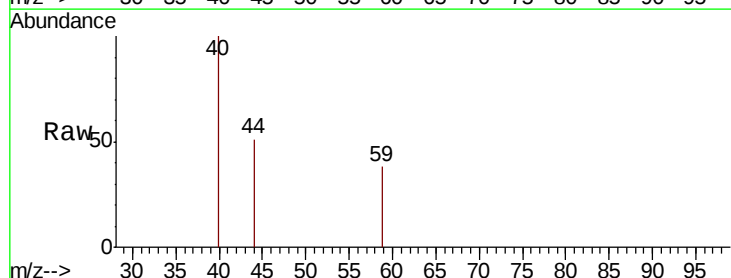
Acq: 05 Dec 2018 03:34

Tgt Ion: 59 Resp: 20

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

120

100

80

60

40

20

0

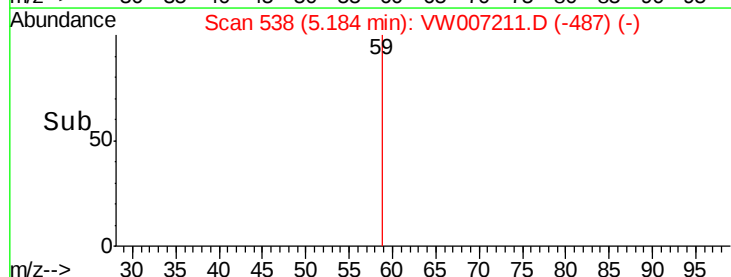
Time-->

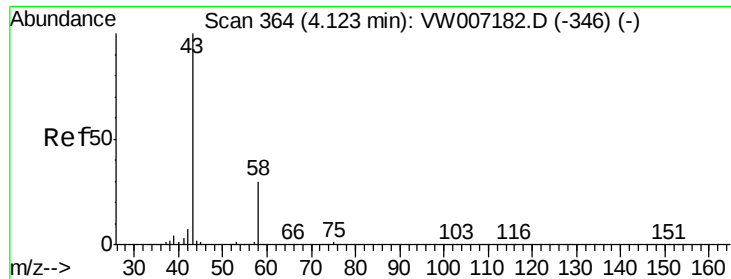
5.17

5.18

5.19

5.20





#16

Acetone

Concen: 3.320 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007211.D

Acq: 05 Dec 2018 03:34

Instrument :

MSVOA_W

ClientSampleId :

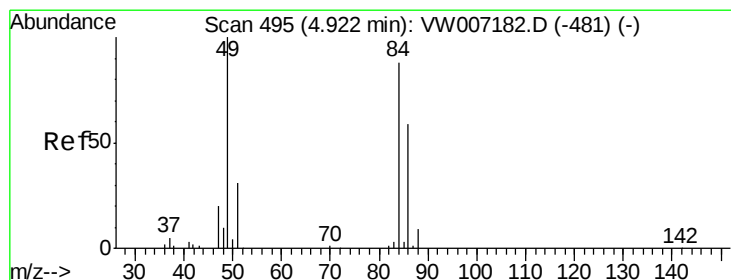
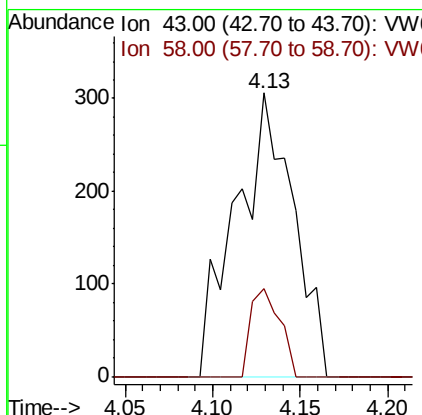
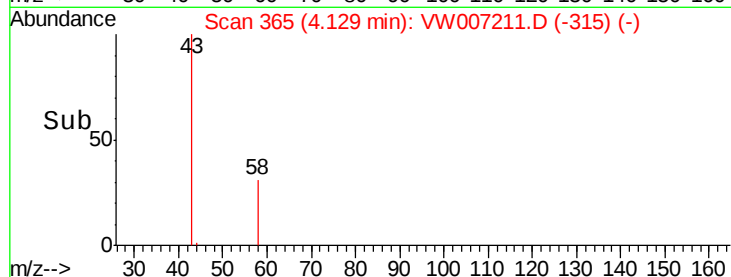
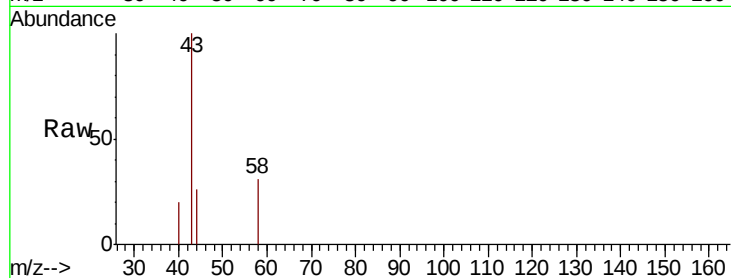
HLSP-SB-4A-(1)

Tot Ion: 43 Resp: 701

Ion Ratio Lower Upper

43 100

58 31.0 23.8 35.8



#20

Methylene Chloride

Concen: 6.001 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW007211.D

Acq: 05 Dec 2018 03:34

Tgt Ion: 84 Resp: 11262

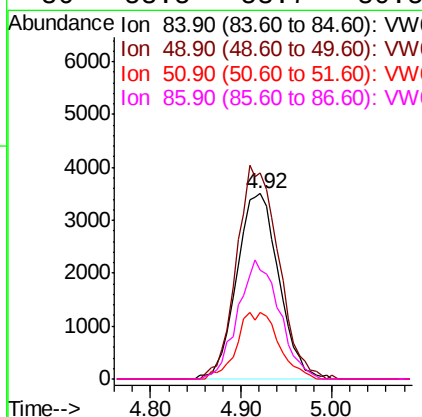
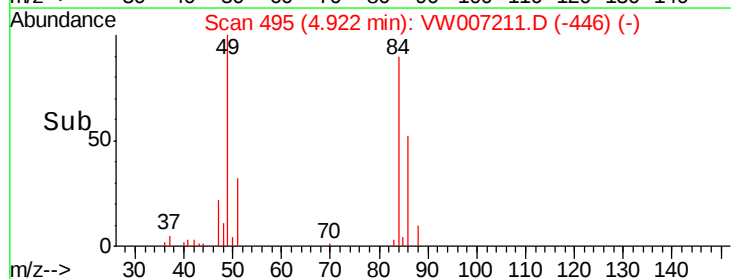
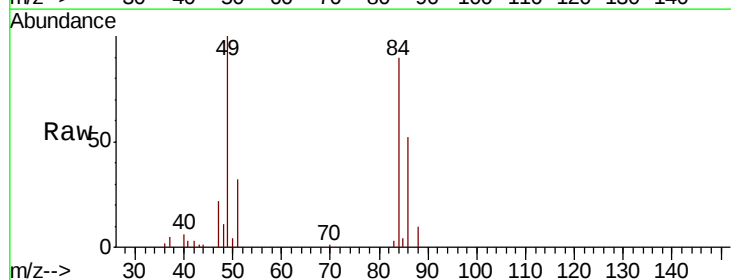
Ion Ratio Lower Upper

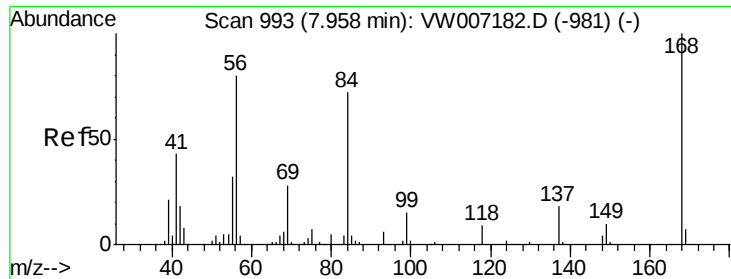
84 100

49 111.6 90.6 135.8

51 35.8 27.6 41.4

86 58.5 53.7 80.5

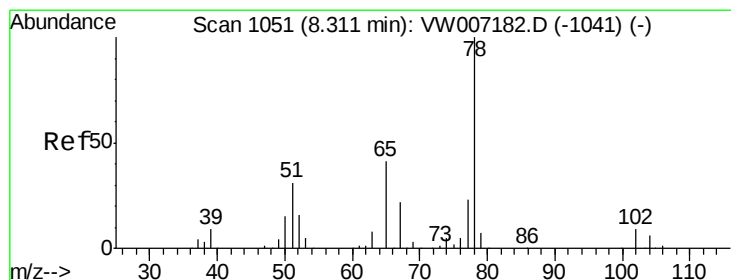
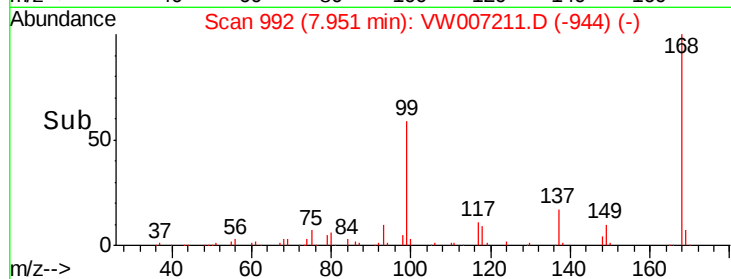
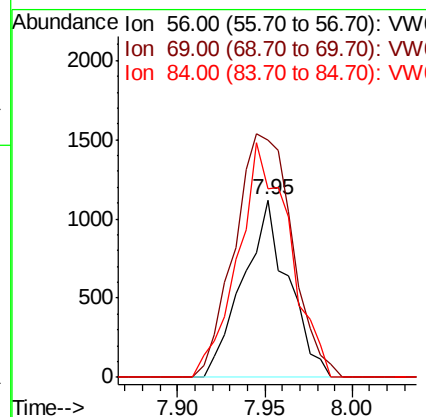
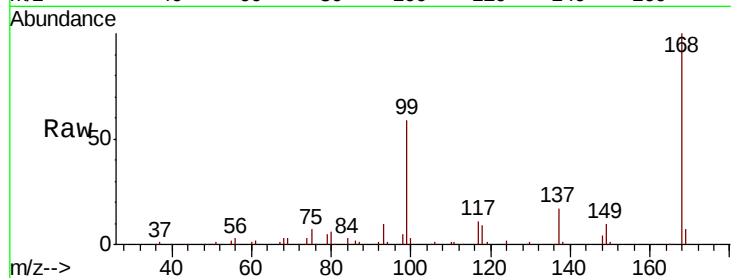




#31
Cyclohexane
Concen: 1.151 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW007211.D
Acq: 05 Dec 2018 03:34

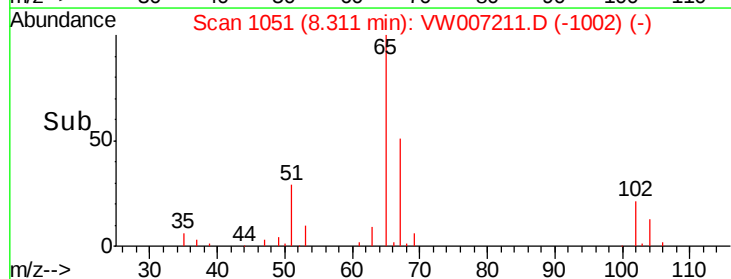
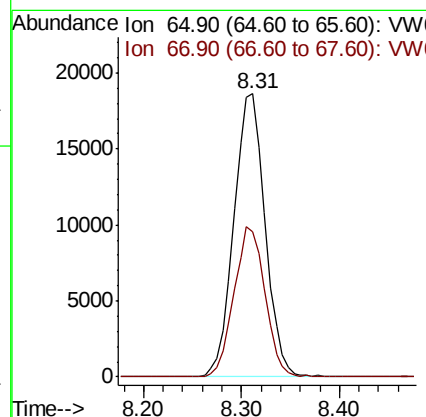
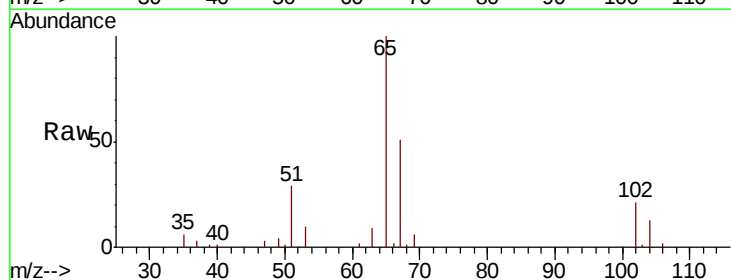
Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-4A-(1)

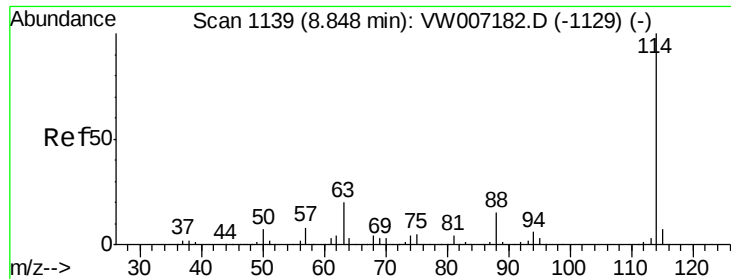
Tot Ion: 56 Resp: 2038
Ion Ratio Lower Upper
56 100
69 133.5 28.2 42.2#
84 106.3 72.1 108.1



#33
1,2-Dichloroethane-d4
Concen: 46.258 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW007211.D
Acq: 05 Dec 2018 03:34

Tgt Ion: 65 Resp: 41261
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.4

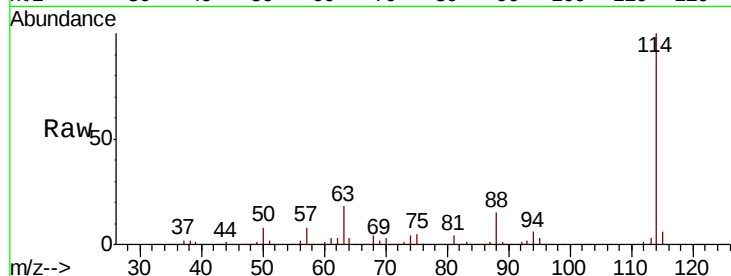




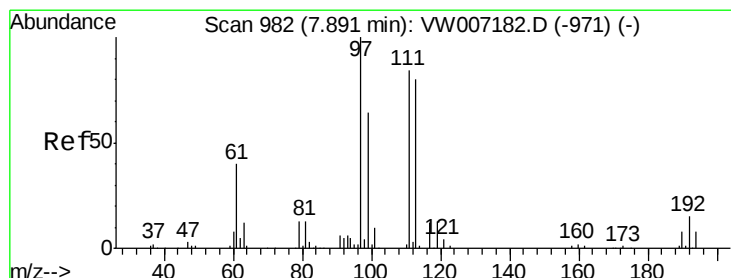
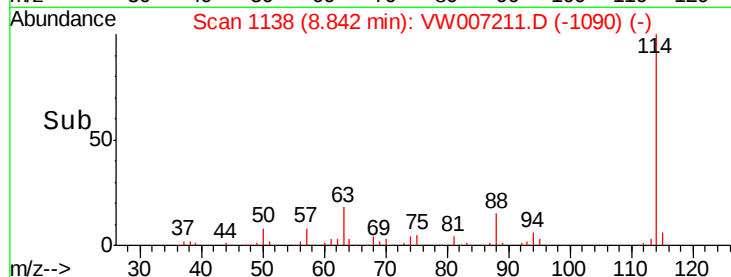
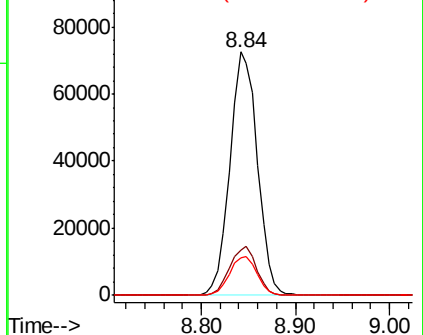
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.01 min
Lab File: VW007211.D
Acq: 05 Dec 2018 03:34

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

Tot Ion:114 Resp: 146949
Ion Ratio Lower Upper
114 100
63 18.4 0.0 40.2
88 15.3 0.0 30.0

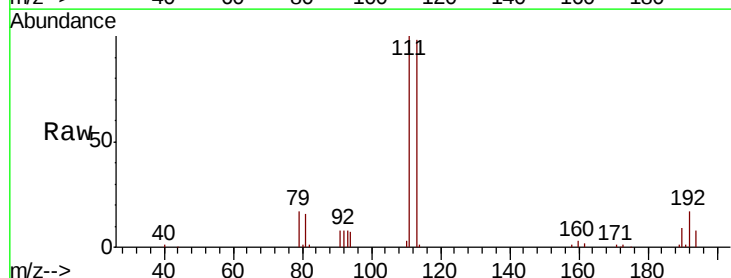


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

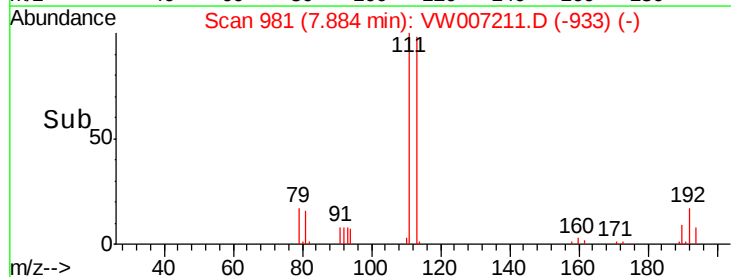
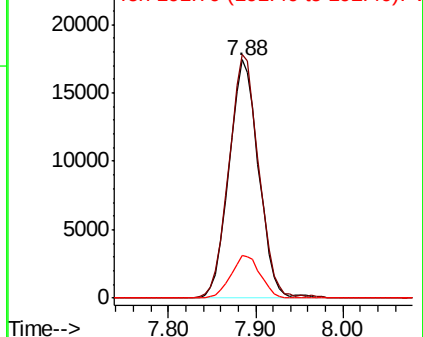


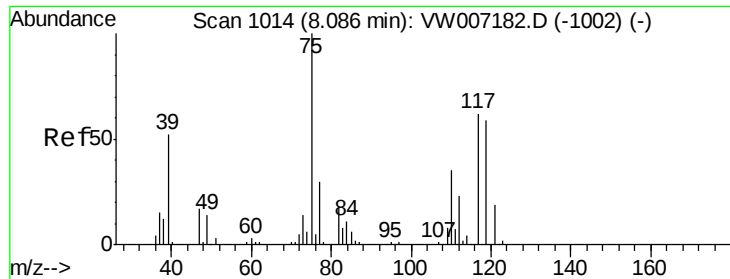
#35
Dibromofluoromethane
Concen: 48.676 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW007211.D
Acq: 05 Dec 2018 03:34

Tgt Ion:113 Resp: 40957
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 17.8 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

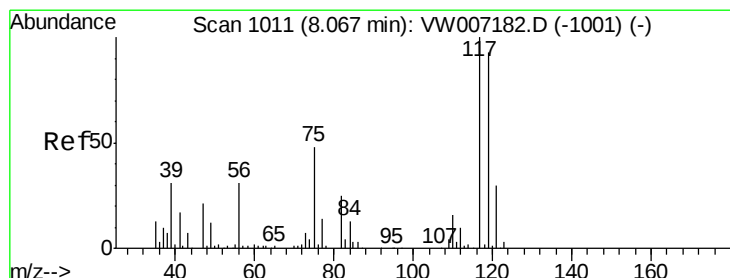
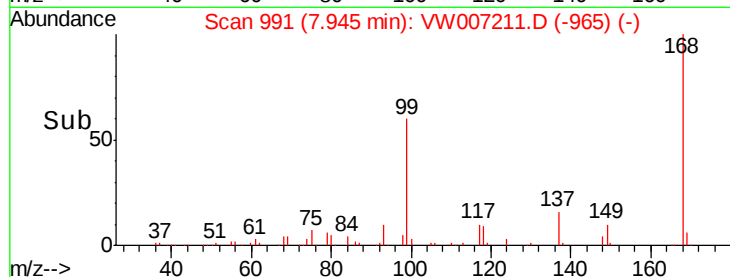
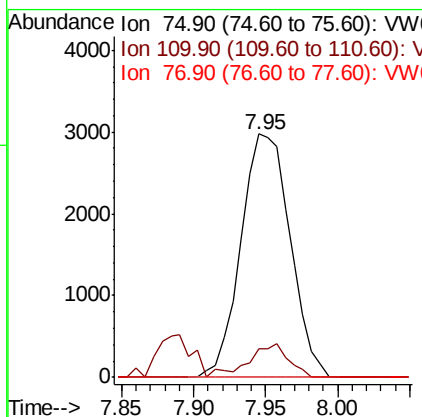
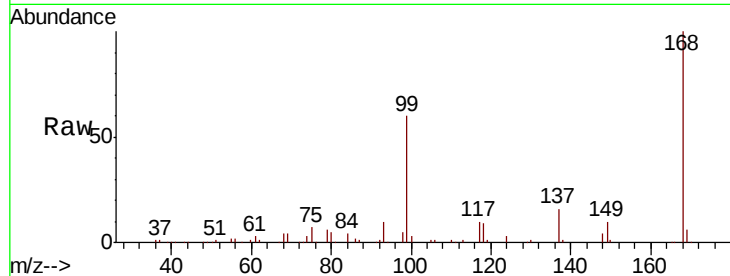




#36
 1,1-Dichloropropene
 Concen: 4.925 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW007211.D
 Acq: 05 Dec 2018 03:34

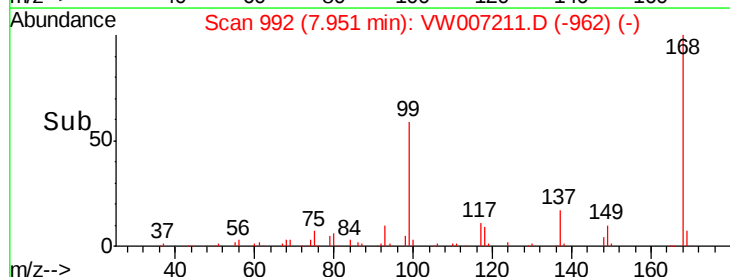
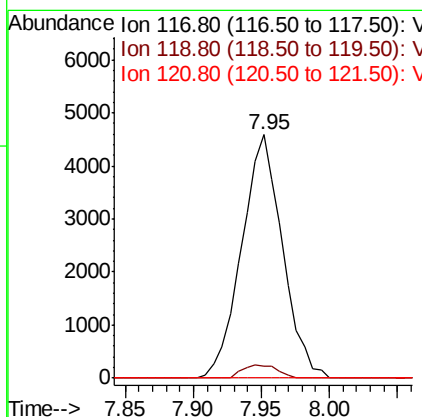
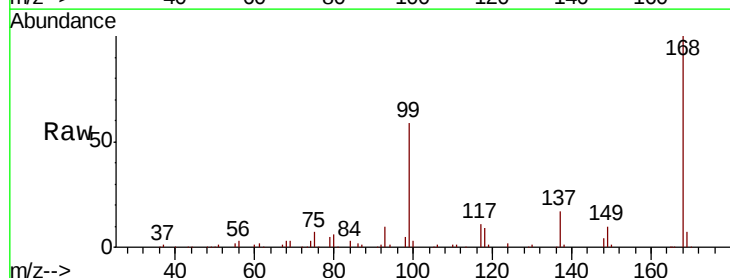
Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-4A-(1)

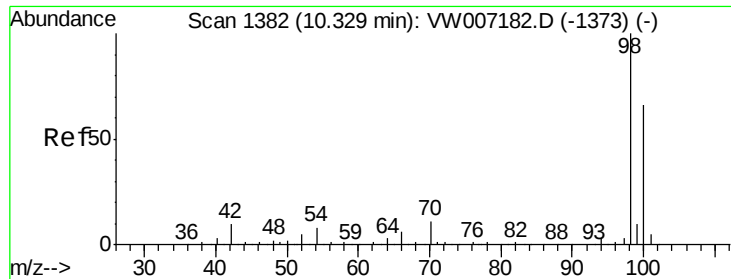
Tot Ion	75	Resp	7042
Ion Ratio	Lower	Upper	
75	100		
110	10.3	18.3	54.9#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.592 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007211.D
 Acq: 05 Dec 2018 03:34

Tgt Ion	117	Resp	9620
Ion Ratio	Lower	Upper	
117	100		
119	4.8	74.1	111.1#
121	0.0	23.9	35.9#

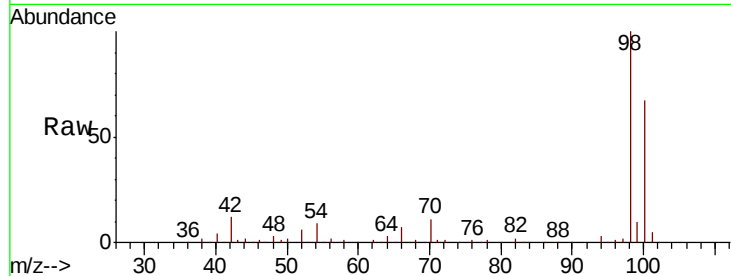




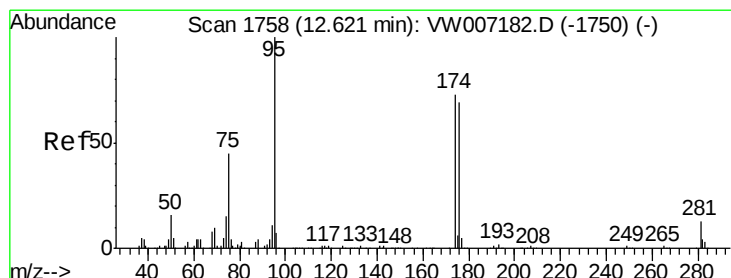
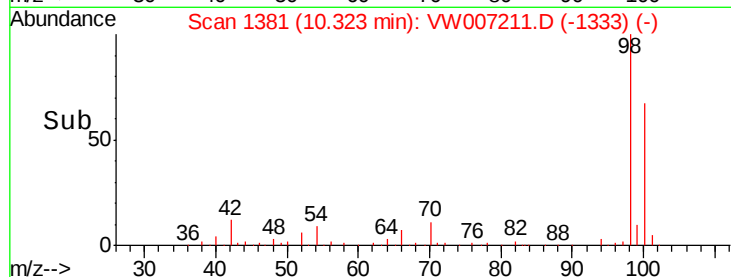
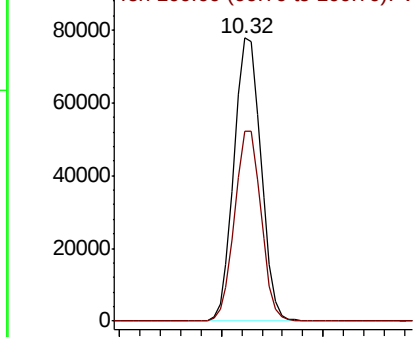
#50
Toluene-d8
Concen: 38.502 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007211.D
Acq: 05 Dec 2018 03:34

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

Tot Ion: 98 Resp: 142707
Ion Ratio Lower Upper
98 100
100 65.7 52.7 79.1

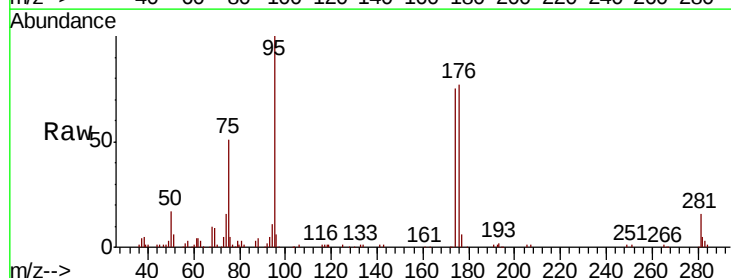


Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

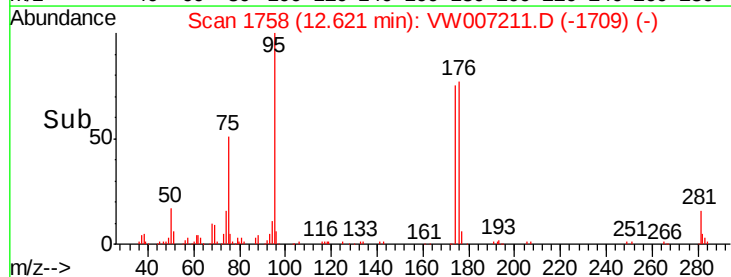
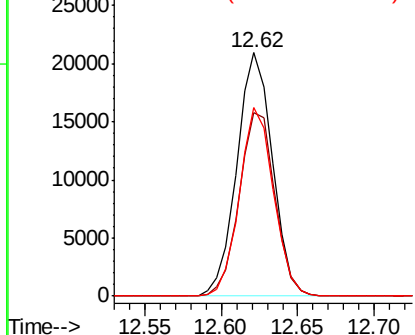


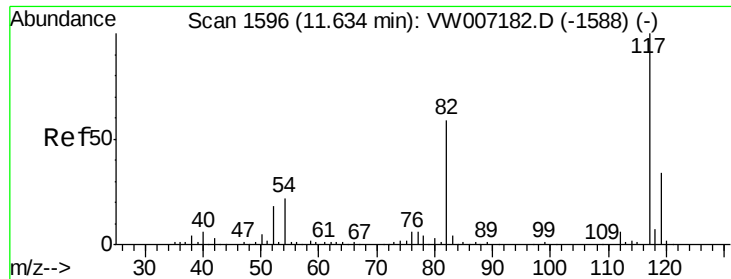
#62
4-Bromofluorobenzene
Concen: 24.177 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007211.D
Acq: 05 Dec 2018 03:34

Tgt Ion: 95 Resp: 33823
Ion Ratio Lower Upper
95 100
174 75.7 0.0 148.0
176 74.1 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

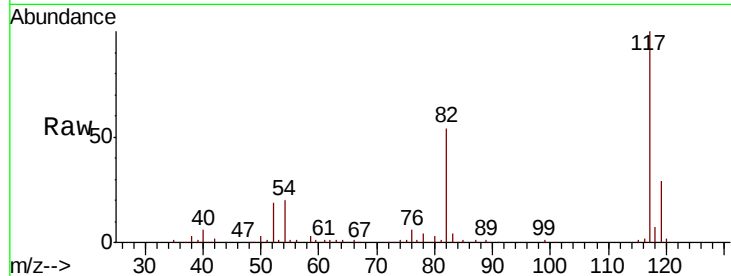




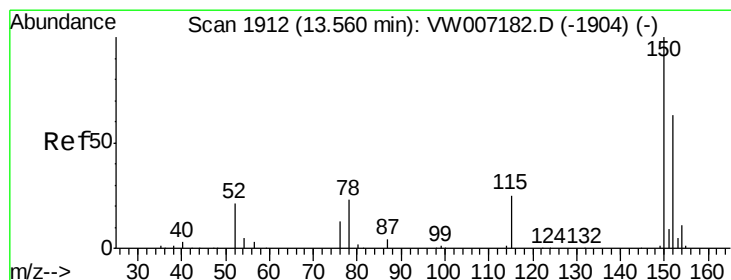
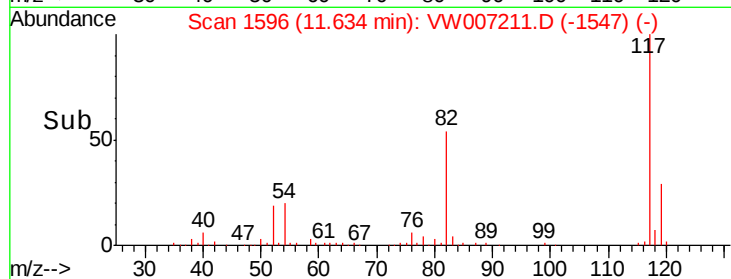
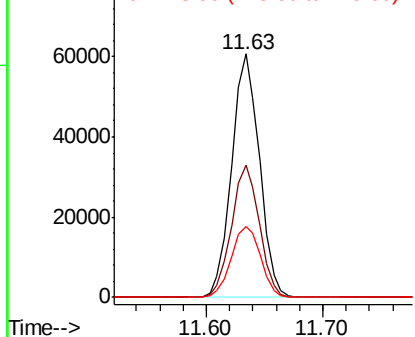
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007211.D
Acq: 05 Dec 2018 03:34

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

Tot Ion:117 Resp: 100740
Ion Ratio Lower Upper
117 100
82 54.4 47.4 71.2
119 28.9 26.8 40.2

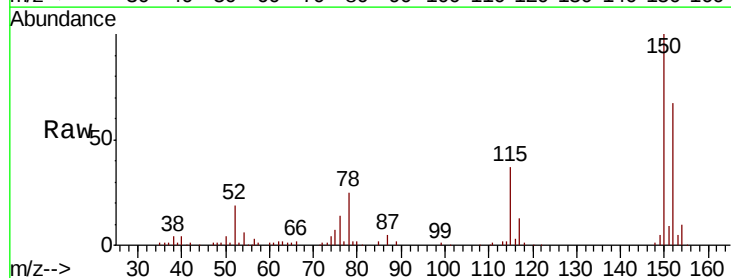


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

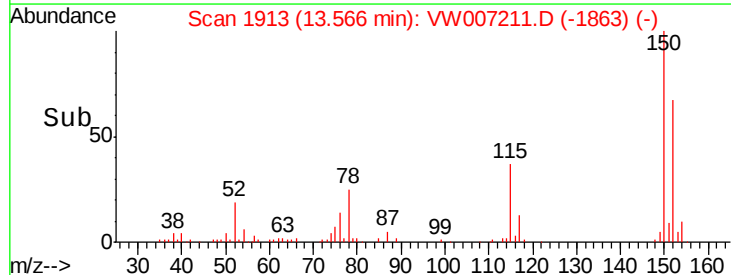
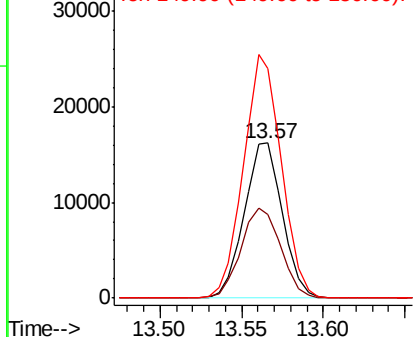


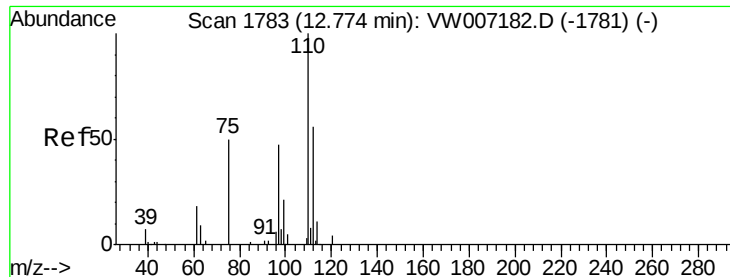
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007211.D
Acq: 05 Dec 2018 03:34

Tgt Ion:152 Resp: 26312
Ion Ratio Lower Upper
152 100
115 60.4 31.3 93.8
150 156.6 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: 42.280 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007211.D

Acq: 05 Dec 2018 03:34

Instrument :

MSVOA_W

ClientSampleId :

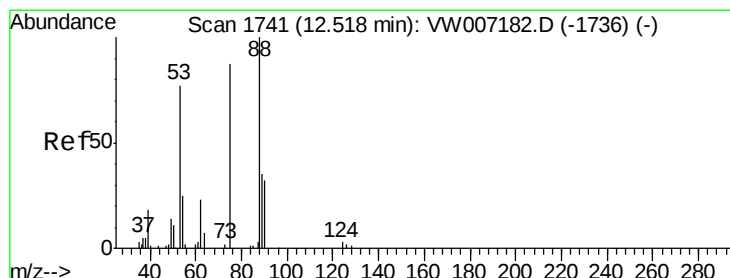
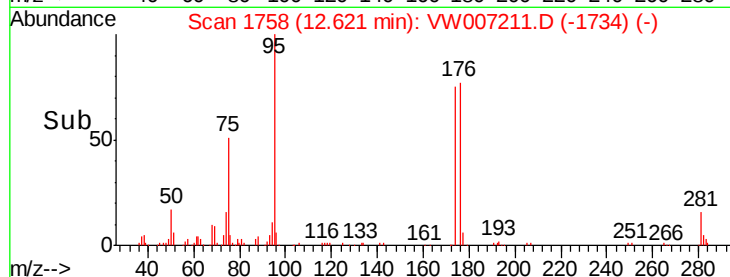
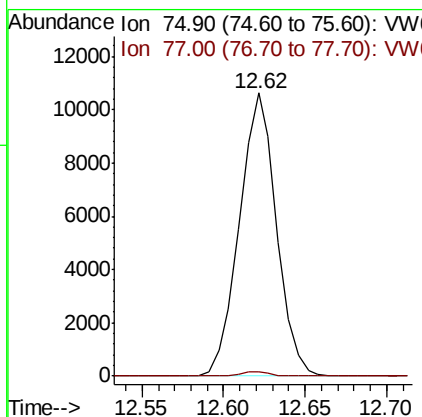
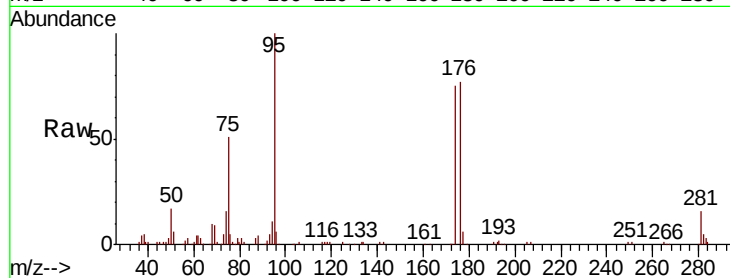
HLSP-SB-4A-(1)

Tot Ion: 75 Resp: 16718

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 176.862 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007211.D

Acq: 05 Dec 2018 03:34

Tgt Ion: 75 Resp: 16718

Ion Ratio Lower Upper

75 100

53 0.0 72.8 109.2#

89 0.0 36.4 54.6#

