

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120518\
 Data File : VW007234.D
 Acq On : 05 Dec 2018 16:38
 Operator : SY/AP
 Sample : J6204-03
 Misc : 4.84G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-1B-(2.5)

Quant Time: Dec 06 06:21:26 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

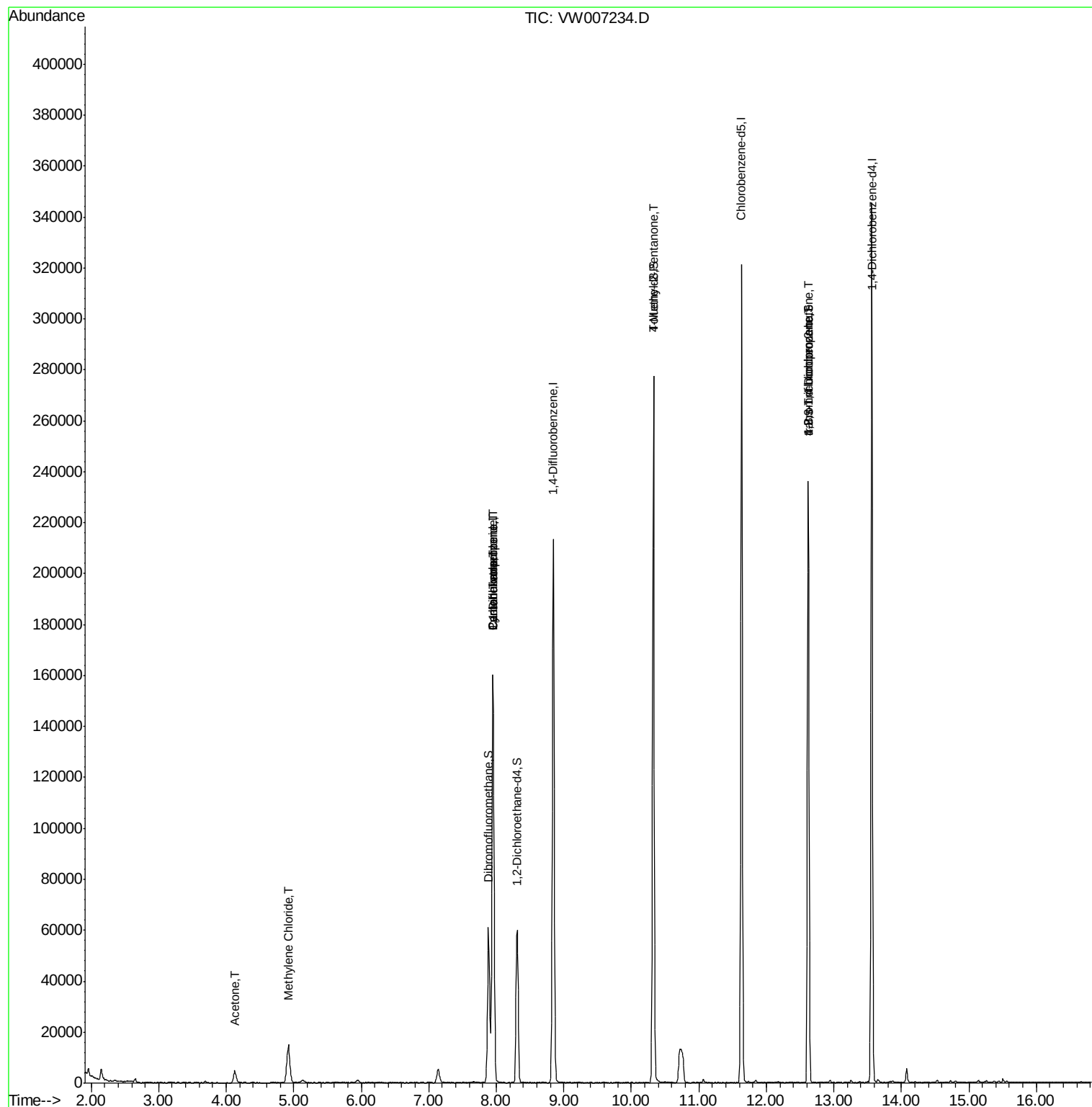
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	119859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	191704	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	184523	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	92672	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	49969	44.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.56%	
35) Dibromofluoromethane	7.88	113	45486	41.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.88%	
50) Toluene-d8	10.32	98	191546	39.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.22%	
62) 4-Bromofluorobenzene	12.62	95	78156	42.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.64%	
Target Compounds						
11) Tert butyl alcohol	5.14	59	1139	Below Cal	#	75
16) Acetone	4.13	43	8705	32.951	ug/l	98
20) Methylene Chloride	4.92	84	12030	4.273	ug/l	97
31) Cyclohexane	7.95	56	2281	1.030	ug/l #	18
36) 1,1-Dichloropropene	7.95	75	8916	4.780	ug/l #	50
38) Carbon Tetrachloride	7.95	117	12306	6.464	ug/l #	19
51) 4-Methyl-2-Pentanone	10.32	43	796	1.233	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	37935	52.866	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	37935	113.945	ug/l #	13

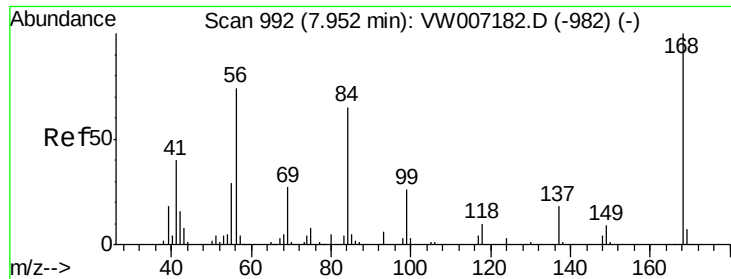
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120518\
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ClientSampleId :
HLSP-SB-1B-(2.5)

Quant Time: Dec 06 06:21:26 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
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: VW007234.D

Acq: 05 Dec 2018 16:38

Instrument :

MSVOA_W

ClientSampleId :

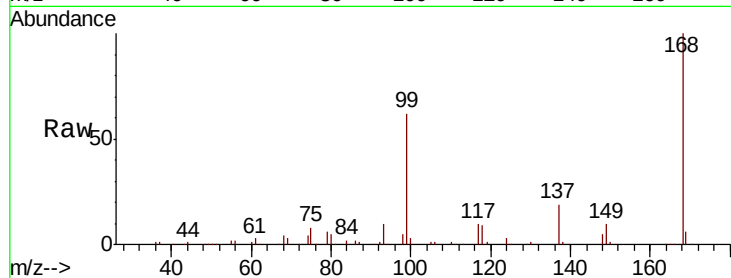
HLSP-SB-1B-(2.5)

Tot Ion:168 Resp: 119859

Ion Ratio Lower Upper

168 100

99 62.2 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

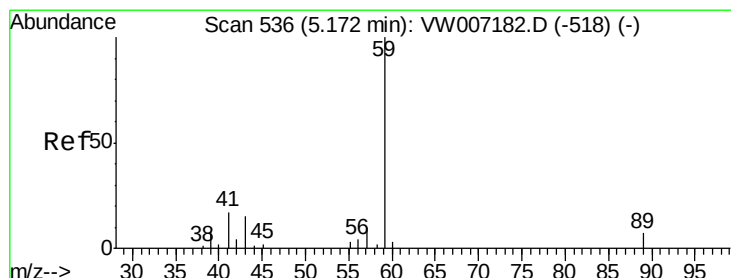
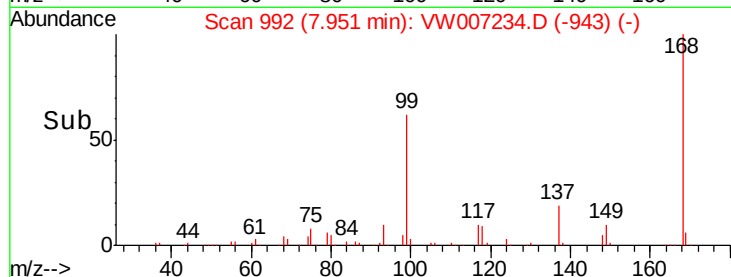
30000

20000

10000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.14 min Scan# 531

Delta R.T. -0.03 min

Lab File: VW007234.D

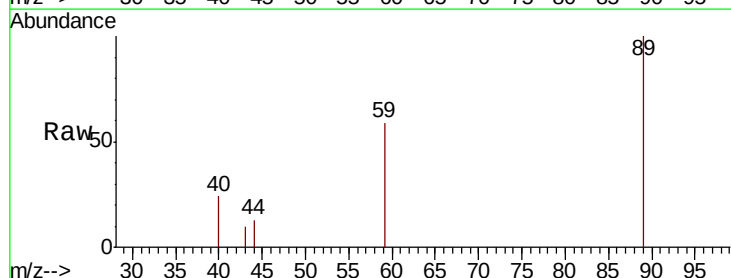
Acq: 05 Dec 2018 16:38

Tgt Ion: 59 Resp: 1139

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

5.14

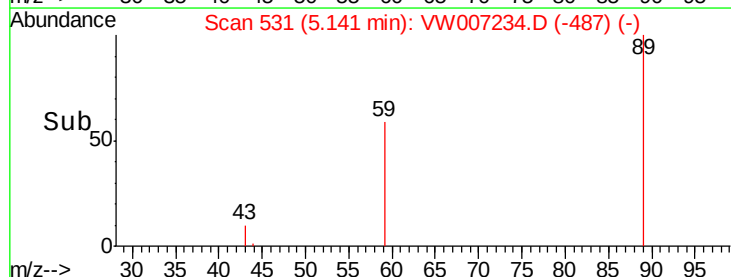
300

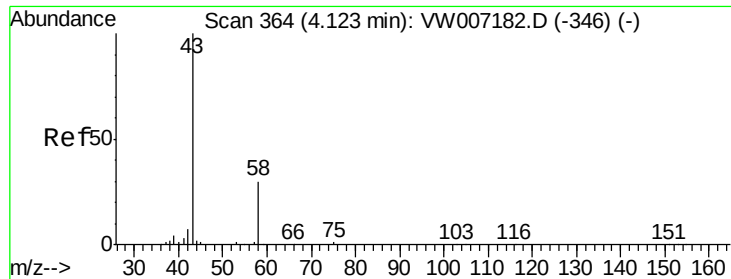
200

100

0

Time--> 5.05 5.10 5.15 5.20





#16

Acetone

Concen: 32.951 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007234.D

Acq: 05 Dec 2018 16:38

Instrument :

MSVOA_W

ClientSampleId :

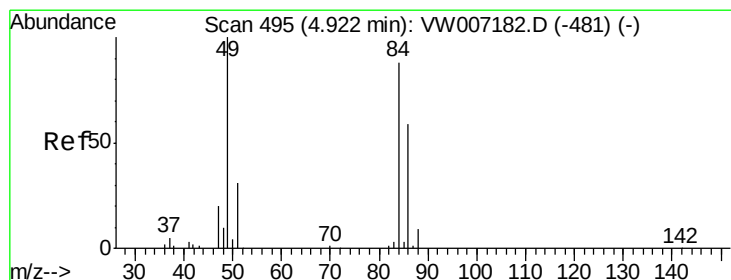
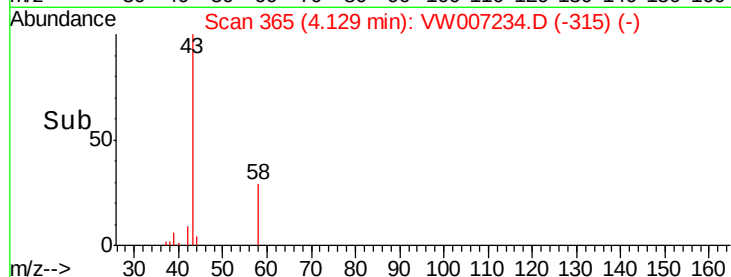
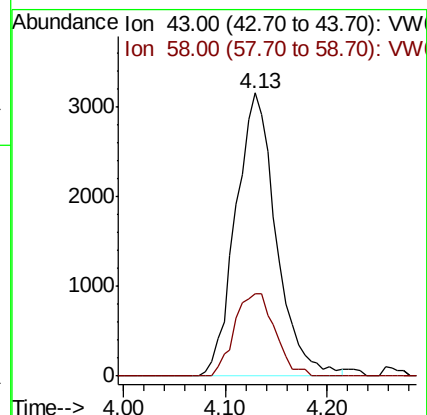
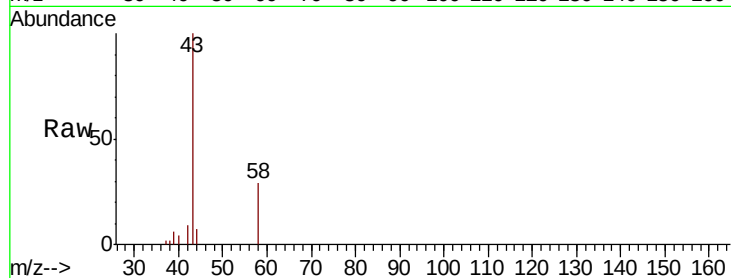
HLSP-SB-1B-(2.5)

Tot Ion: 43 Resp: 8705

Ion Ratio Lower Upper

43 100

58 28.9 23.8 35.8



#20

Methylene Chloride

Concen: 4.273 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW007234.D

Acq: 05 Dec 2018 16:38

Tgt Ion: 84 Resp: 12030

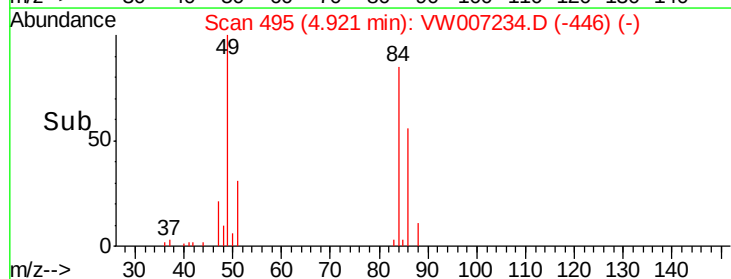
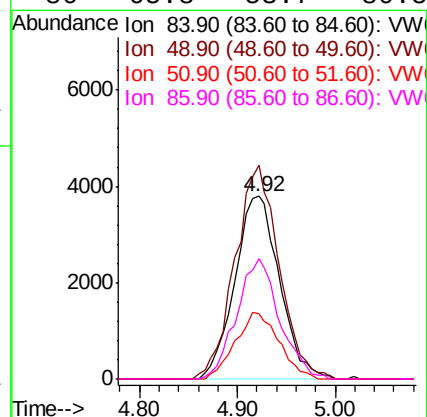
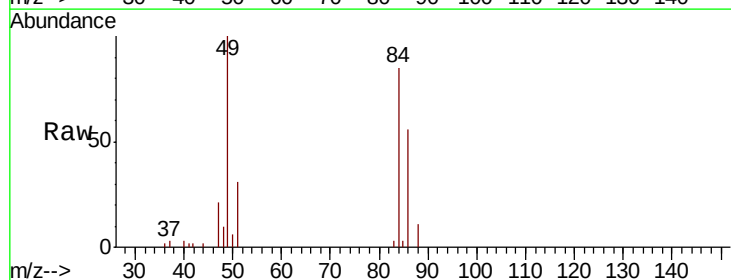
Ion Ratio Lower Upper

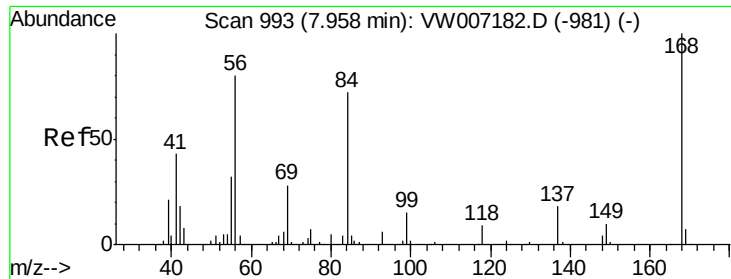
84 100

49 117.1 90.6 135.8

51 35.7 27.6 41.4

86 65.8 53.7 80.5

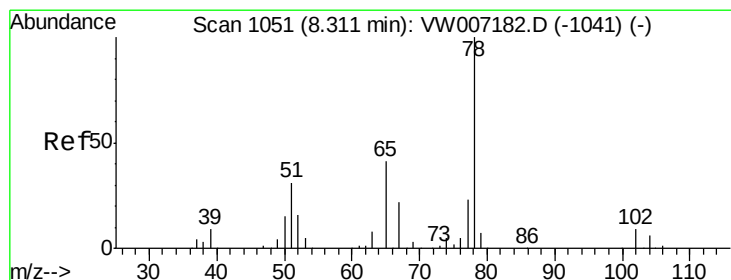
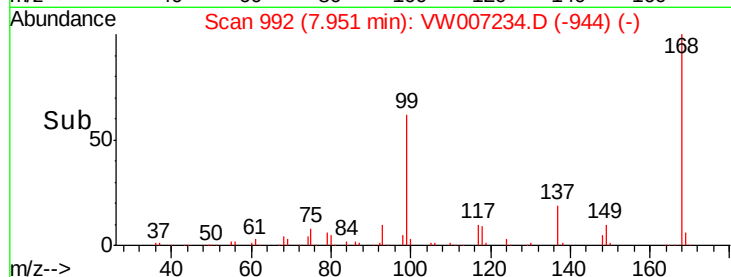
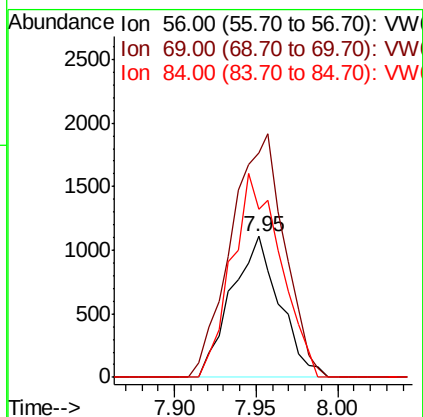
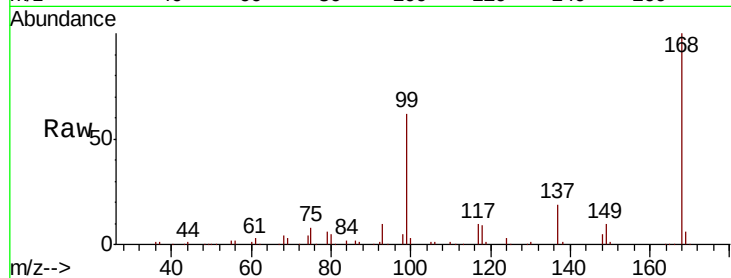




#31
Cyclohexane
Concen: 1.030 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW007234.D
Acq: 05 Dec 2018 16:38

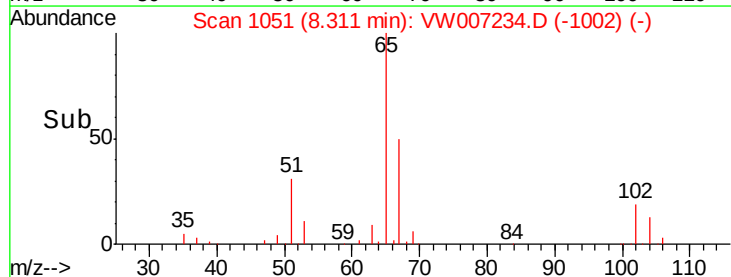
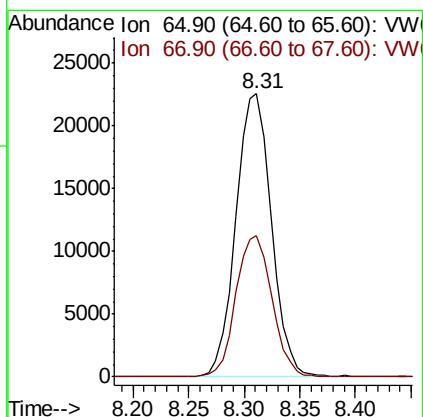
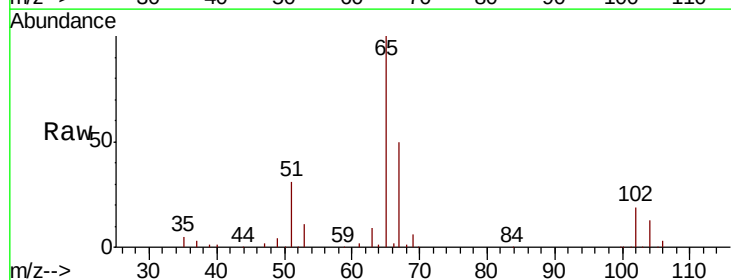
Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-1B-(2.5)

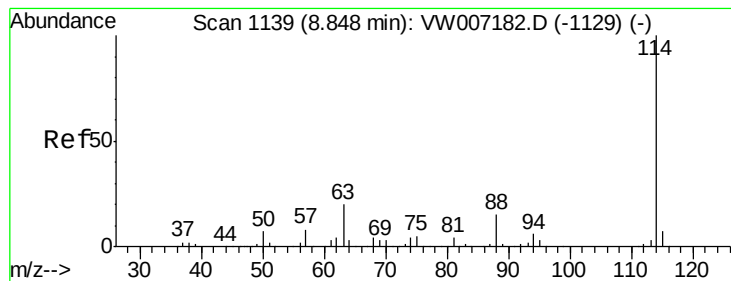
Tot Ion: 56 Resp: 2281
Ion Ratio Lower Upper
56 100
69 159.7 28.2 42.2#
84 119.4 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 44.778 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW007234.D
Acq: 05 Dec 2018 16:38

Tgt Ion: 65 Resp: 49969
Ion Ratio Lower Upper
65 100
67 50.6 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: VW007234.D

Acq: 05 Dec 2018 16:38

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-1B-(2.5)

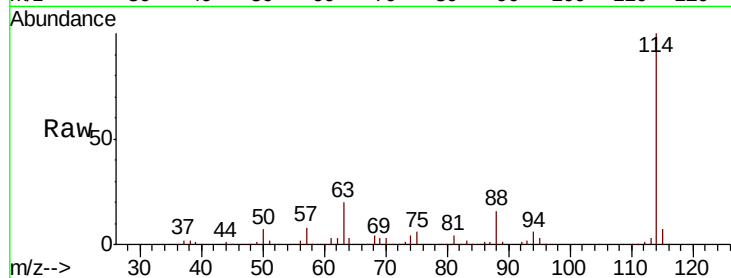
Tot Ion:114 Resp: 191704

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.2

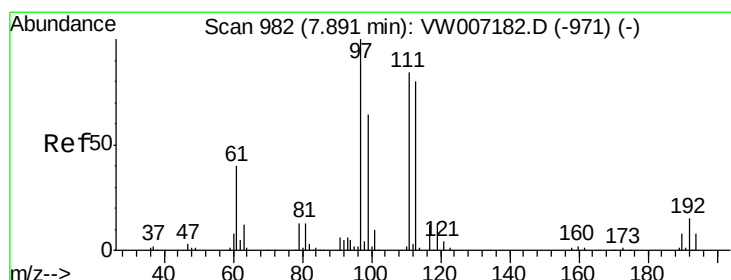
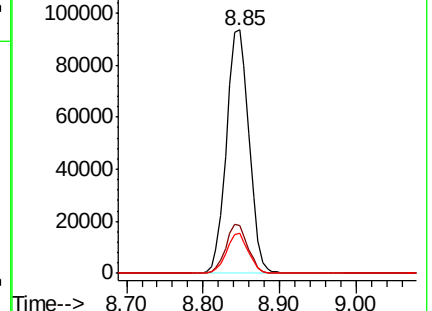
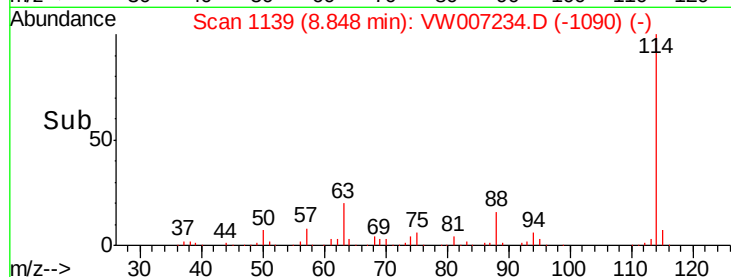
88 16.5 0.0 30.0



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: 41.438 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW007234.D

Acq: 05 Dec 2018 16:38

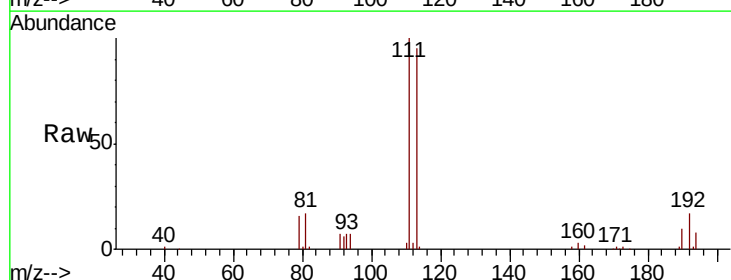
Tgt Ion:113 Resp: 45486

Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.4

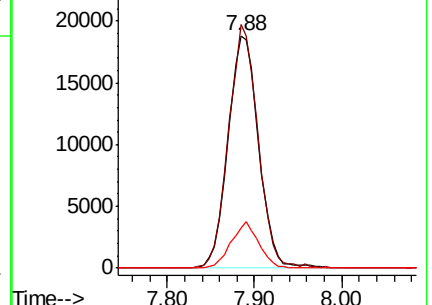
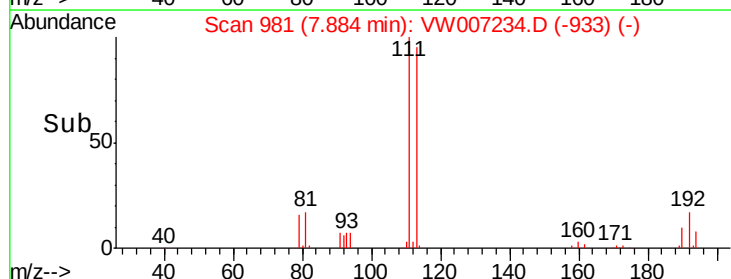
192 18.1 14.4 21.6

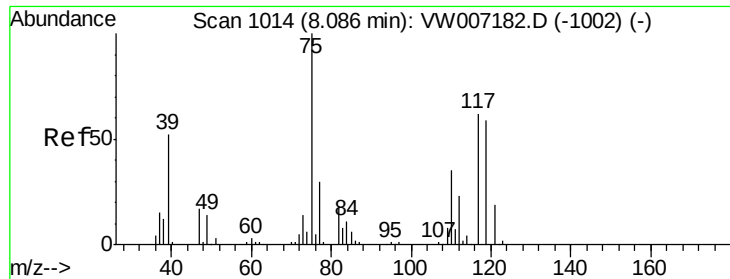


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

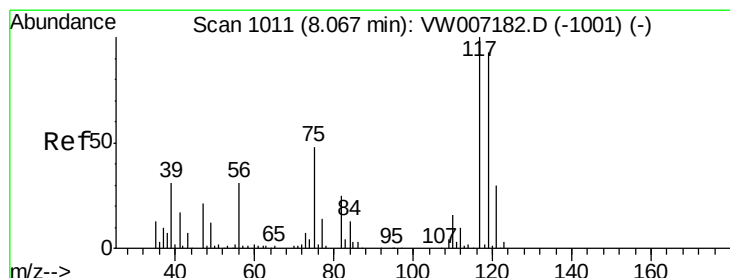
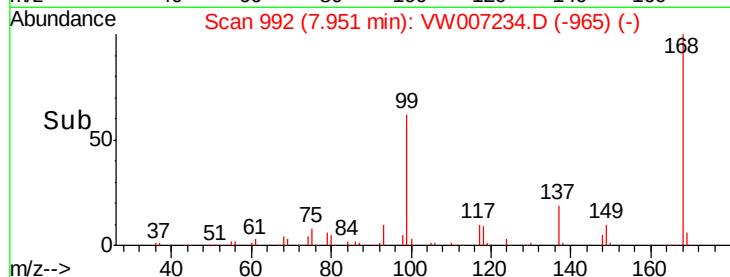
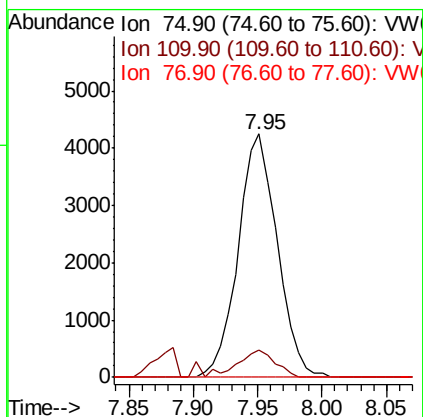
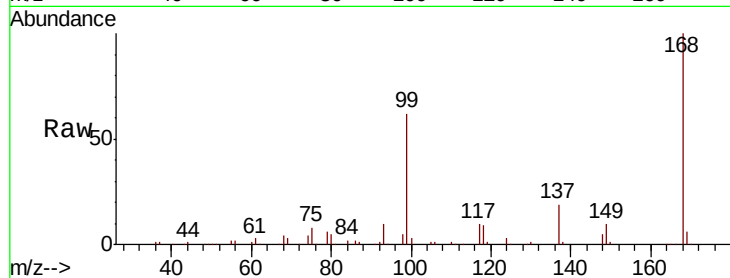




#36
 1,1-Dichloropropene
 Concen: 4.780 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007234.D
 Acq: 05 Dec 2018 16:38

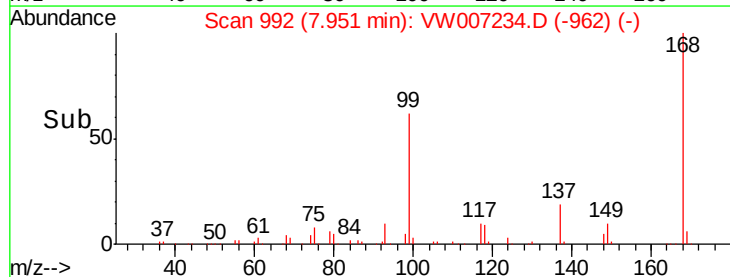
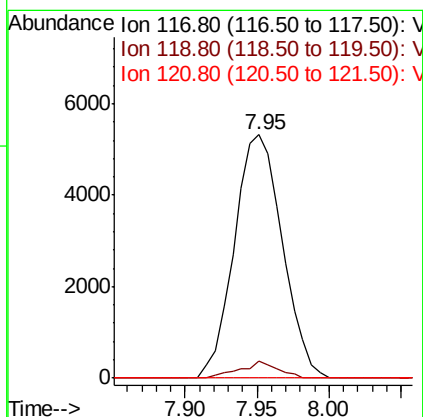
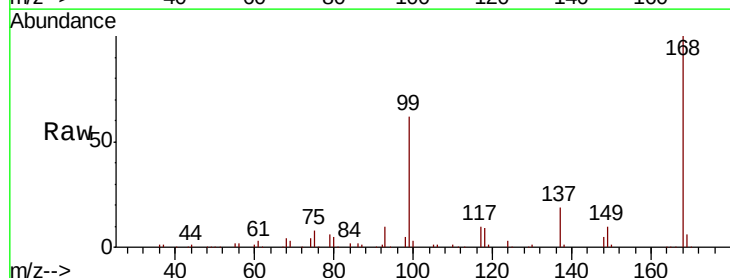
Instrument :
 MSVOA_W
 ClientSampled :
 HLSP-SB-1B-(2.5)

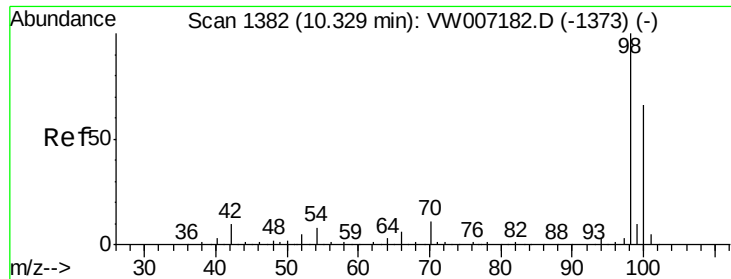
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.3	54.9#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.464 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007234.D
 Acq: 05 Dec 2018 16:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.8	74.1	111.1#
121	0.0	23.9	35.9#

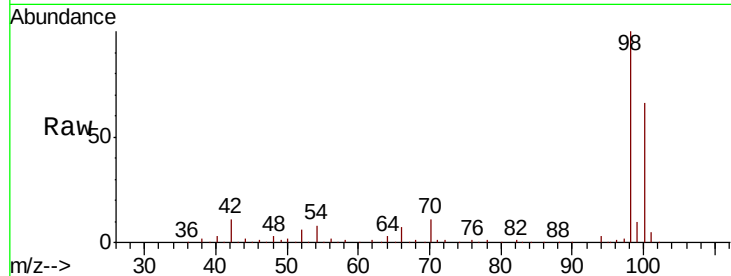




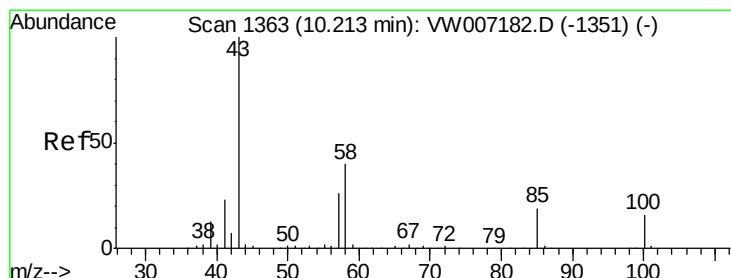
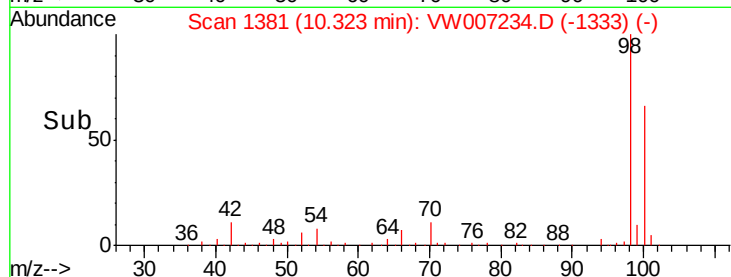
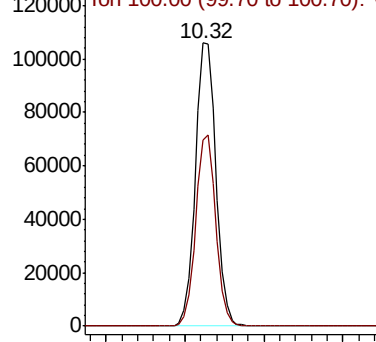
#50
Toluene-d8
Concen: 39.614 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007234.D
Acq: 05 Dec 2018 16:38

Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-1B-(2.5)

Tot Ion: 98 Resp: 191546
Ion Ratio Lower Upper
98 100
100 65.8 52.7 79.1

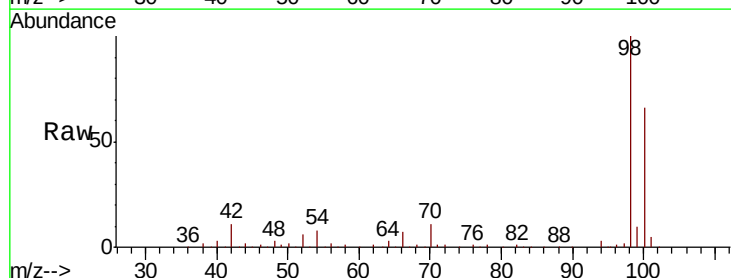


Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

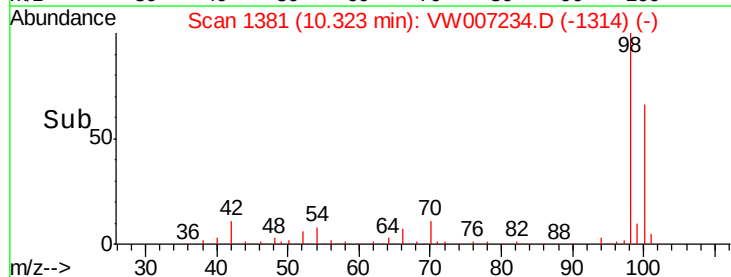
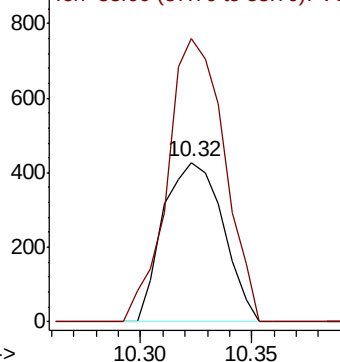


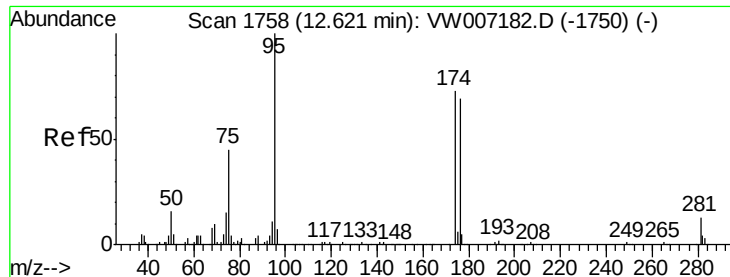
#51
4-Methyl-2-Pentanone
Concen: 1.233 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.11 min
Lab File: VW007234.D
Acq: 05 Dec 2018 16:38

Tgt Ion: 43 Resp: 796
Ion Ratio Lower Upper
43 100
58 170.0 32.3 48.5#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

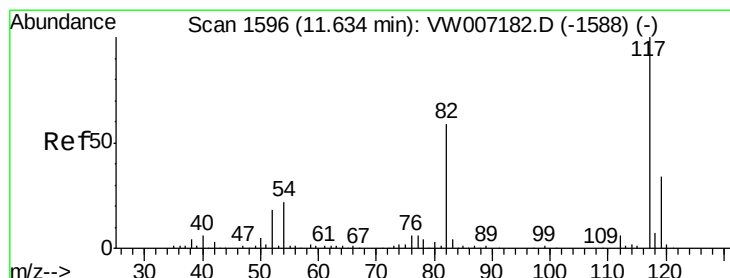
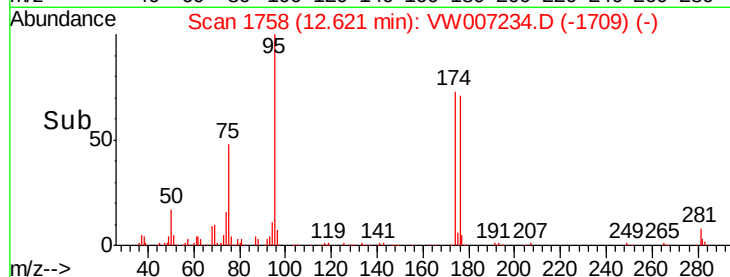
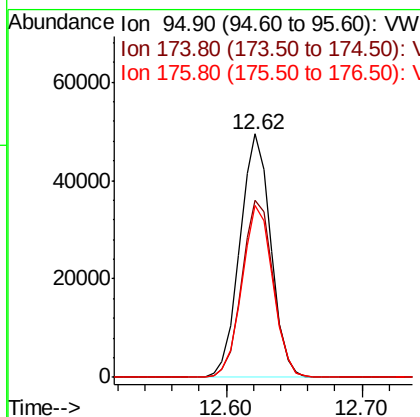
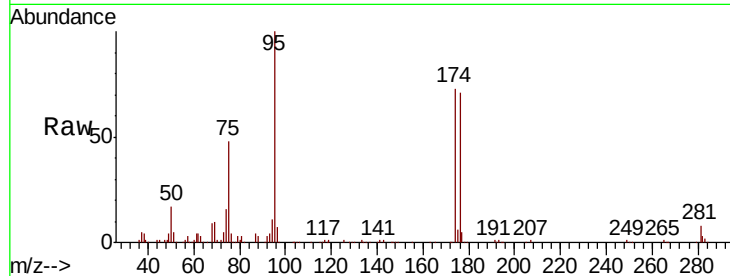




#62
4-Bromofluorobenzene
Concen: 42.824 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007234.D
Acq: 05 Dec 2018 16:38

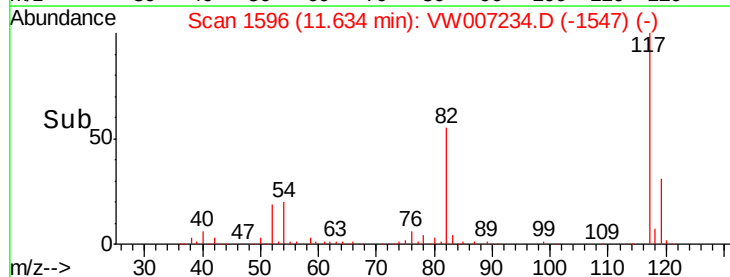
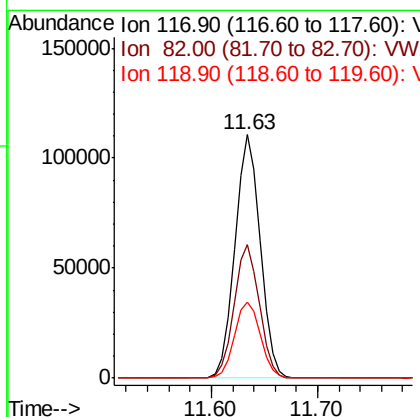
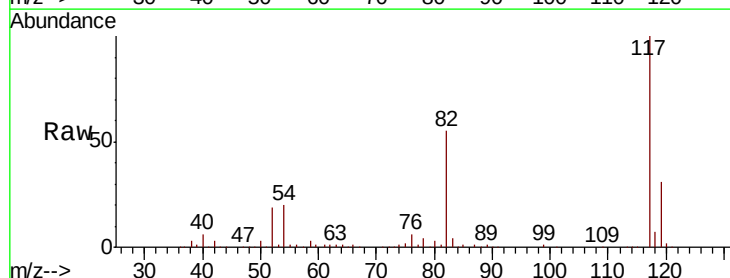
Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-1B-(2.5)

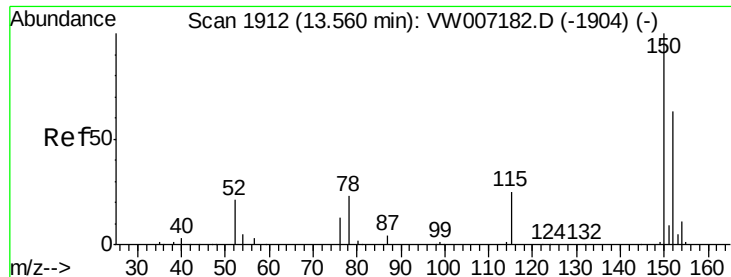
Tot Ion	95	Resp	78156
Ion Ratio	100		
Lower			
Upper			
174	73.9	0.0	148.0
176	71.1	0.0	139.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007234.D
Acq: 05 Dec 2018 16:38

Tgt Ion	117	Resp	184523
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
82	54.9	47.4	71.2
119	31.4	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: VW007234.D

Acq: 05 Dec 2018 16:38

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-1B-(2.5)

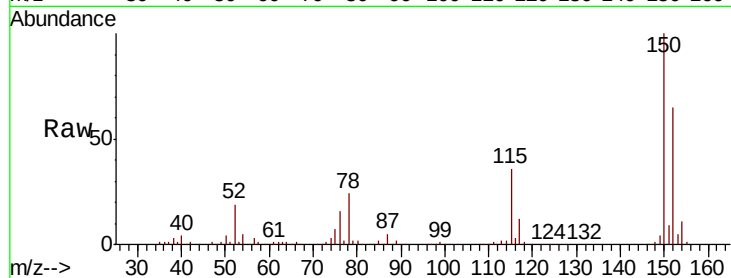
Tot Ion:152 Resp: 92672

Ion Ratio Lower Upper

152 100

115 60.7 31.3 93.8

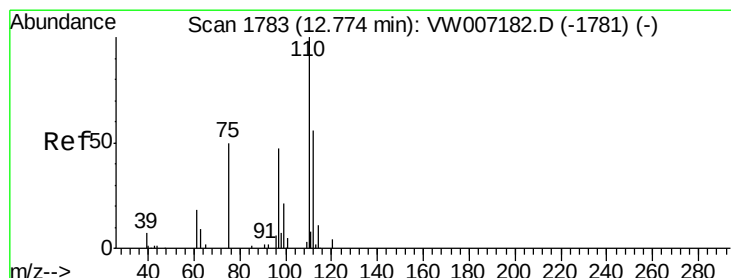
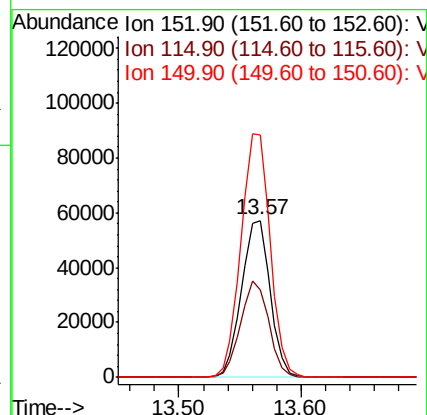
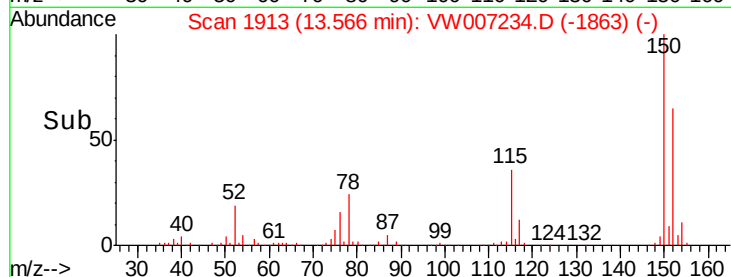
150 158.3 0.0 358.0



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: 52.866 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007234.D

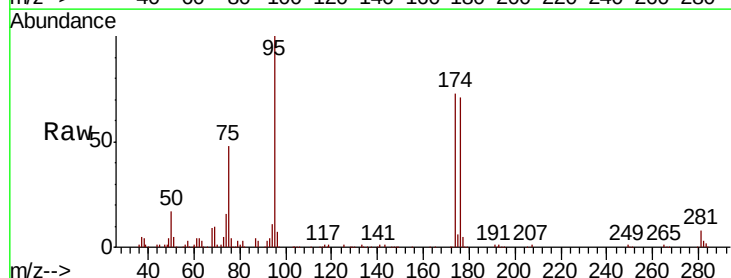
Acq: 05 Dec 2018 16:38

Tgt Ion: 75 Resp: 37935

Ion Ratio Lower Upper

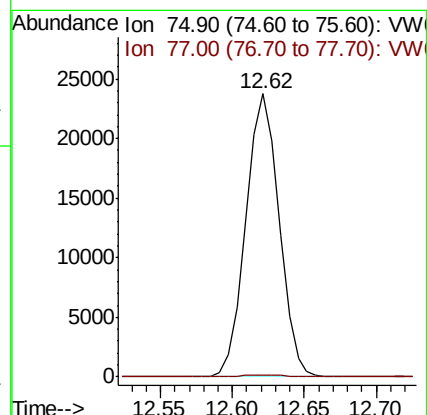
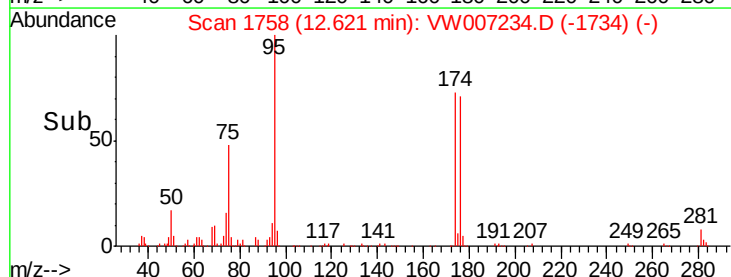
75 100

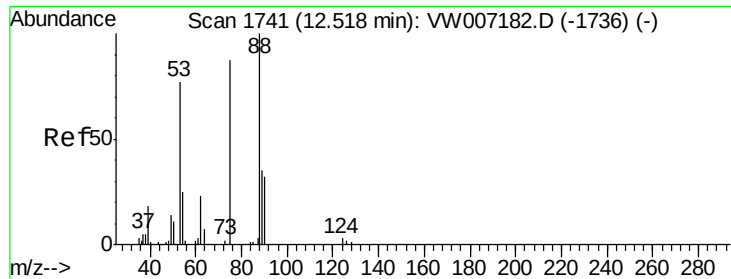
77 0.9 0.0 0.0#



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: 113.945 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007234.D

Acq: 05 Dec 2018 16:38

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-1B-(2.5)

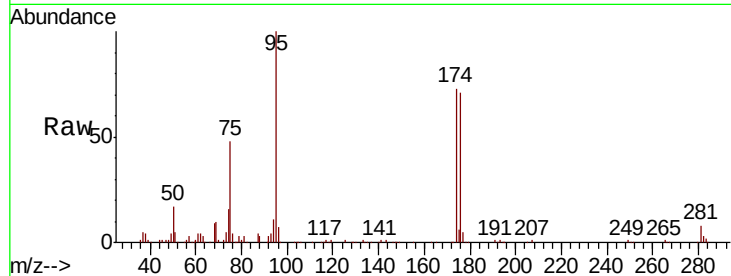
Tot Ion: 75 Resp: 37935

Ion Ratio Lower Upper

75 100

53 0.0 72.8 109.2#

89 0.1 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

