

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120418\
 Data File : VW007212.D
 Acq On : 05 Dec 2018 04:00
 Operator : SY/AP
 Sample : J6206-14
 Misc : 4.83G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-4B-(3.5)

Quant Time: Dec 05 07:26:29 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

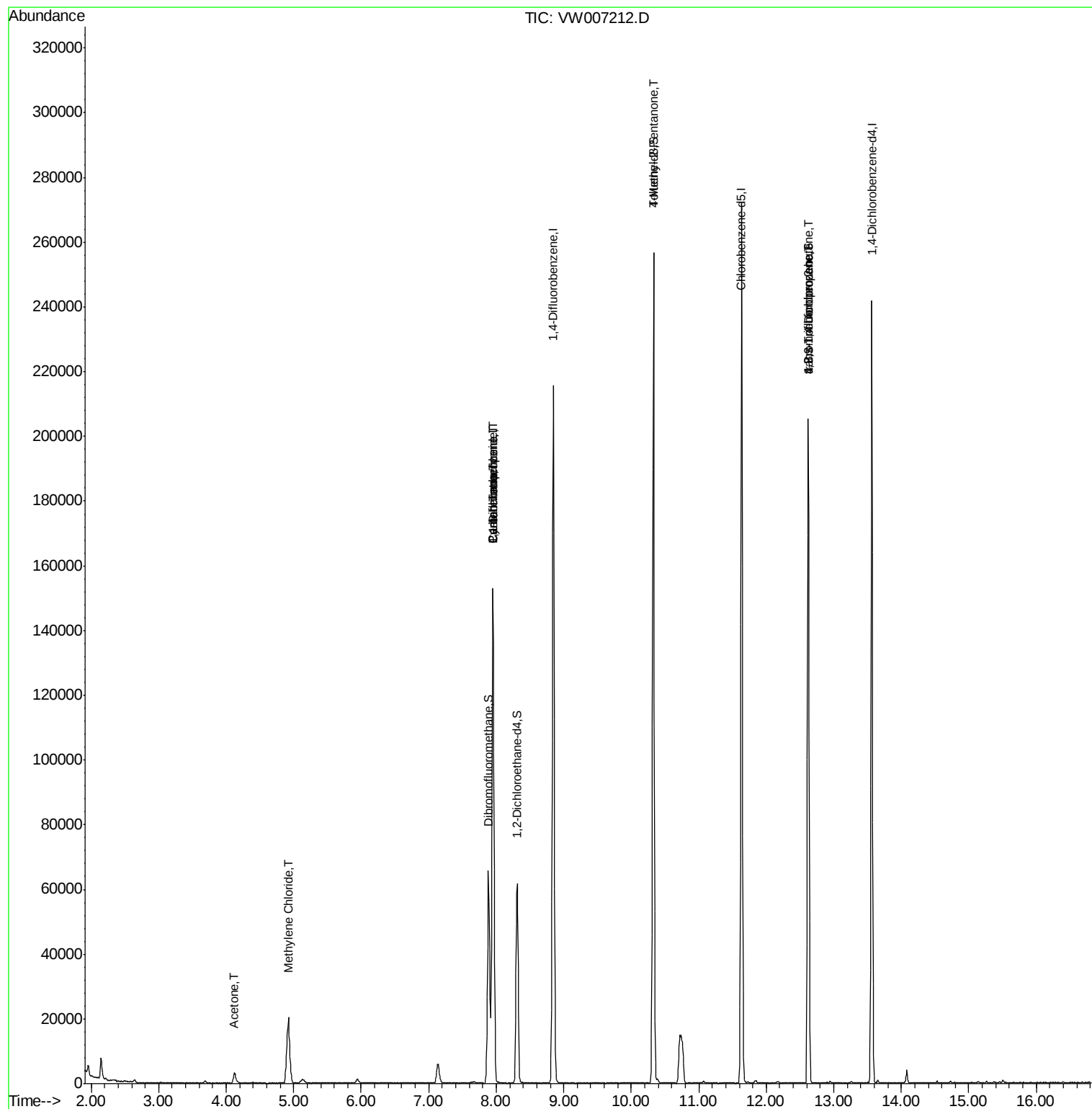
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	111380	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	188808	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	156220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	63838	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	50452	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
35) Dibromofluoromethane	7.88	113	49740	46.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.02%	
50) Toluene-d8	10.33	98	180144	37.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.66%	
62) 4-Bromofluorobenzene	12.62	95	66307	36.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.78%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.13	59	800	Below Cal	#	75
16) Acetone	4.12	43	5597	22.799	ug/l	96
20) Methylene Chloride	4.92	84	15979	8.607	ug/l	95
31) Cyclohexane	7.95	56	2112	1.026	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	8446	4.597	ug/l #	49
38) Carbon Tetrachloride	7.95	117	11206	5.976	ug/l #	17
51) 4-Methyl-2-Pentanone	10.32	43	776	1.220	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	34537	36.001	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	34537	150.595	ug/l #	13

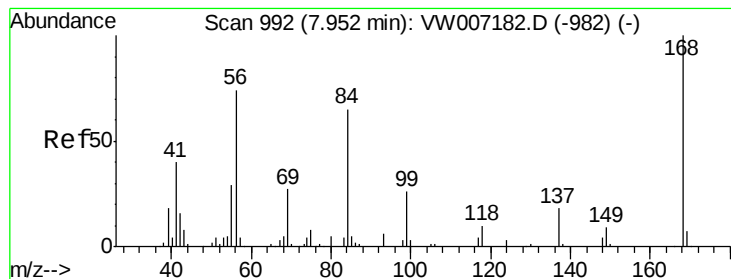
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120418\
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ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HLSP-SB-4B-(3.5)

Quant Time: Dec 05 07:26:29 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: VW007212.D

Acq: 05 Dec 2018 04:00

Instrument :

MSVOA_W

ClientSampleId :

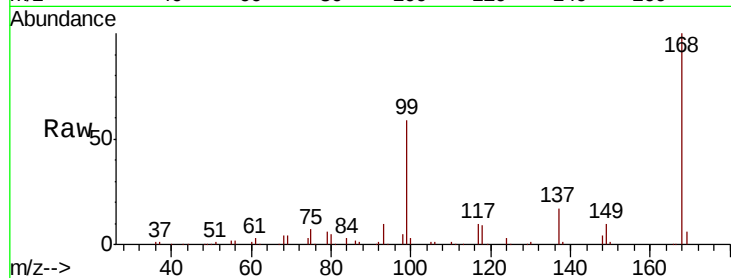
HLSP-SB-4B-(3.5)

Tot Ion:168 Resp: 111380

Ion Ratio Lower Upper

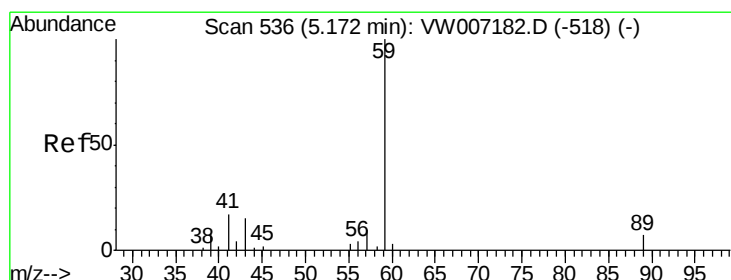
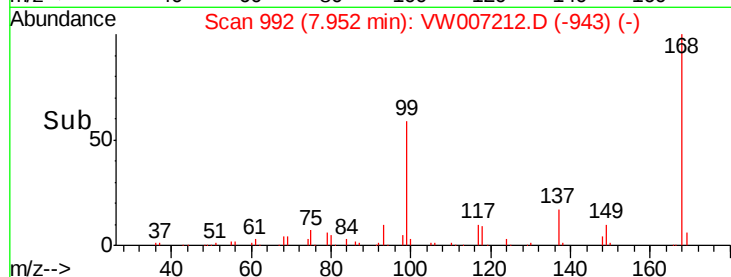
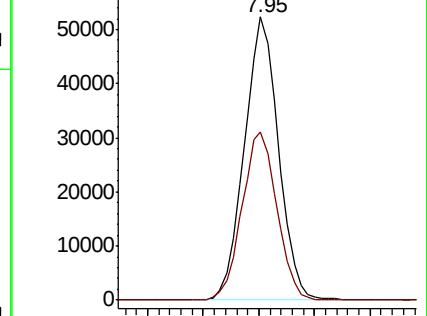
168 100

99 59.4 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.13 min Scan# 529

Delta R.T. -0.04 min

Lab File: VW007212.D

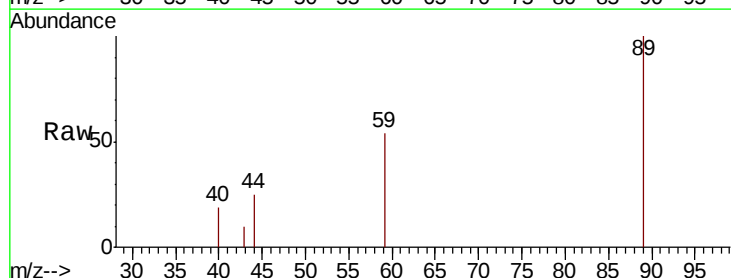
Acq: 05 Dec 2018 04:00

Tgt Ion: 59 Resp: 800

Ion Ratio Lower Upper

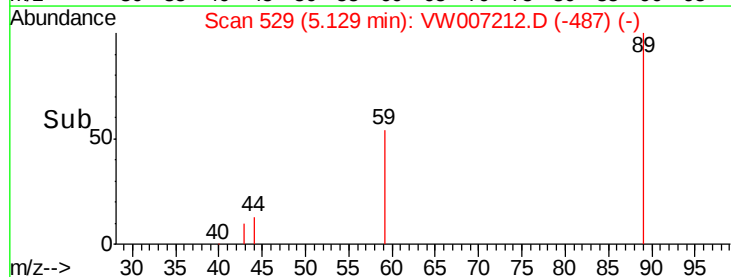
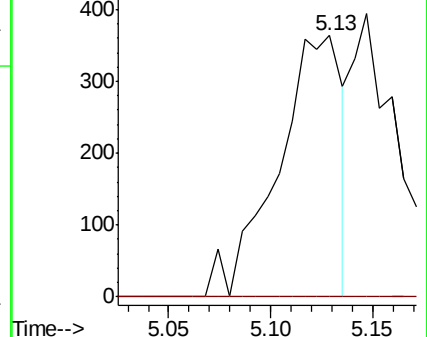
59 100

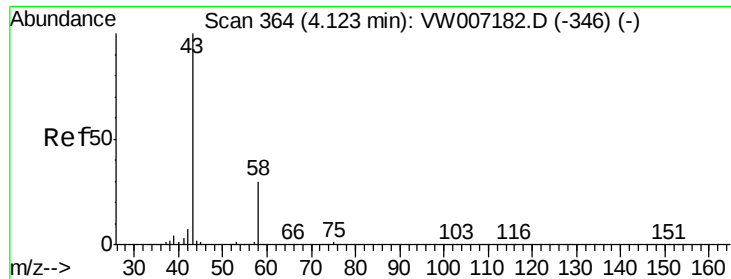
57 0.0 7.1 10.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 22.799 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW007212.D

Acq: 05 Dec 2018 04:00

Instrument :

MSVOA_W

ClientSampleId :

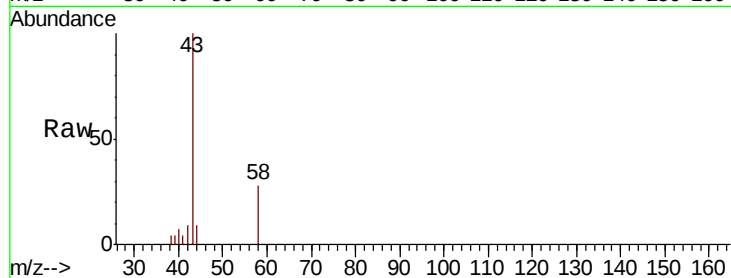
HLSP-SB-4B-(3.5)

Tot Ion: 43 Resp: 5597

Ion Ratio Lower Upper

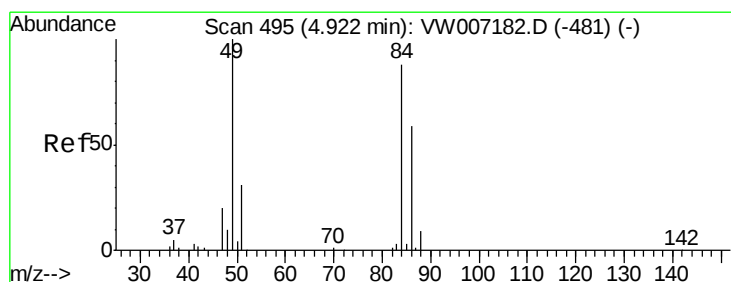
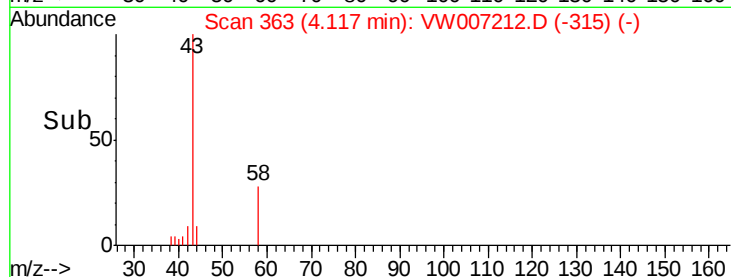
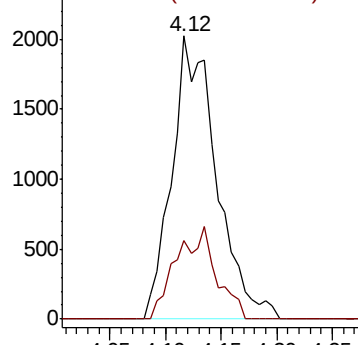
43 100

58 27.6 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 8.607 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW007212.D

Acq: 05 Dec 2018 04:00

Tgt Ion: 84 Resp: 15979

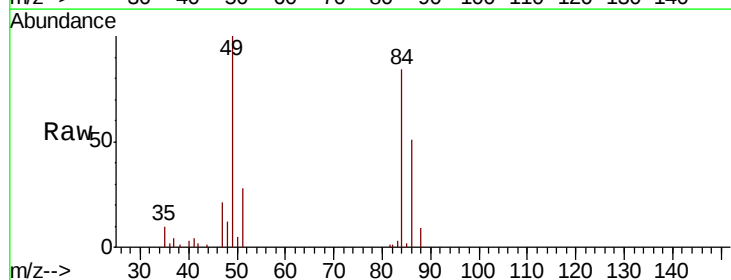
Ion Ratio Lower Upper

84 100

49 118.4 90.6 135.8

51 33.7 27.6 41.4

86 60.7 53.7 80.5

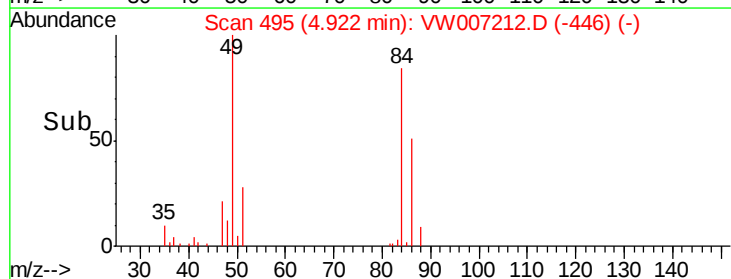
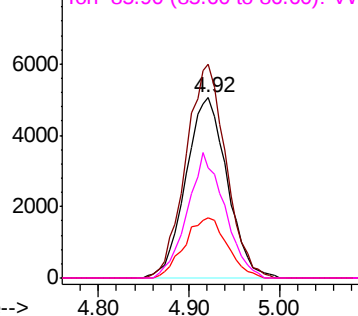


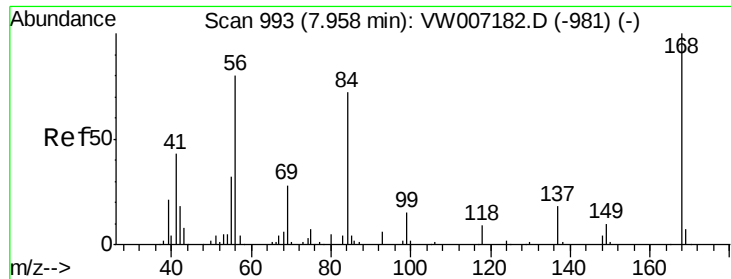
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

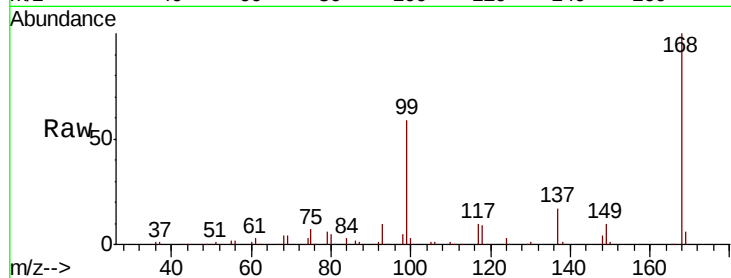




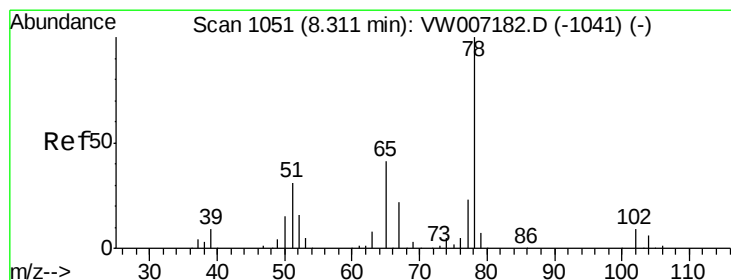
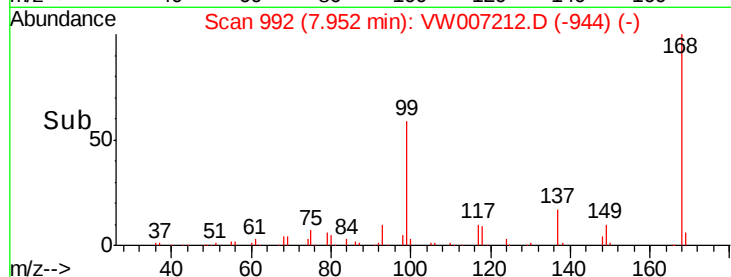
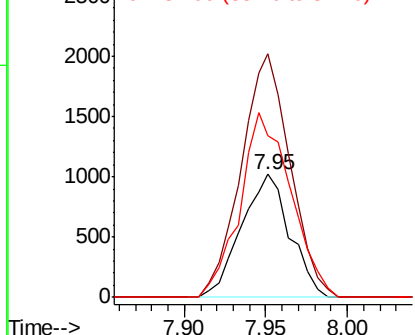
#31
Cyclohexane
Concen: 1.026 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW007212.D
Acq: 05 Dec 2018 04:00

Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-4B-(3.5)

Tot Ion: 56 Resp: 2112
Ion Ratio Lower Upper
56 100
69 197.6 28.2 42.2#
84 131.4 72.1 108.1#

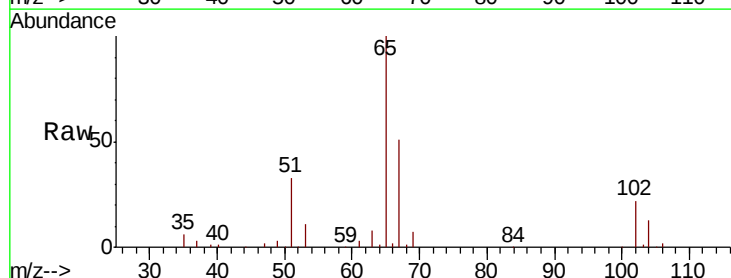


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

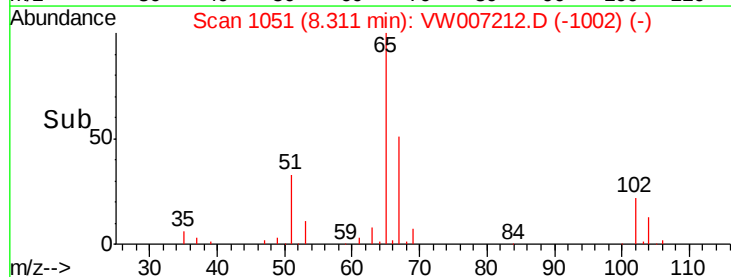
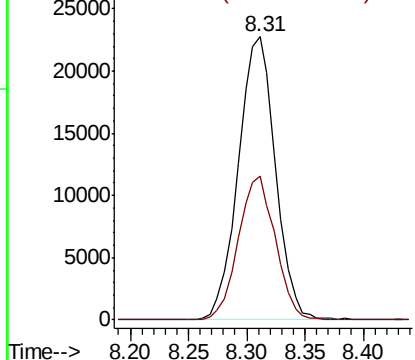


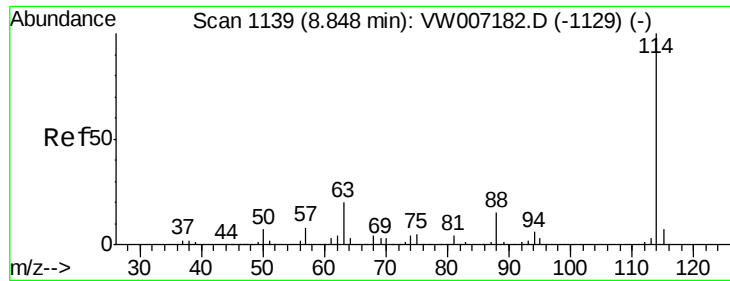
#33
1,2-Dichloroethane-d4
Concen: 48.652 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW007212.D
Acq: 05 Dec 2018 04:00

Tgt Ion: 65 Resp: 50452
Ion Ratio Lower Upper
65 100
67 50.8 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

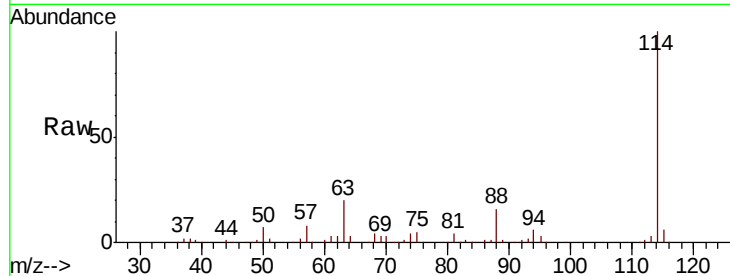




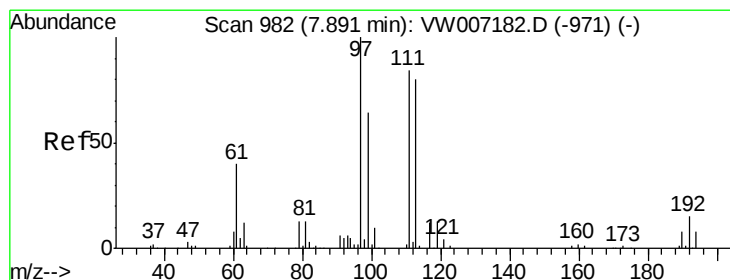
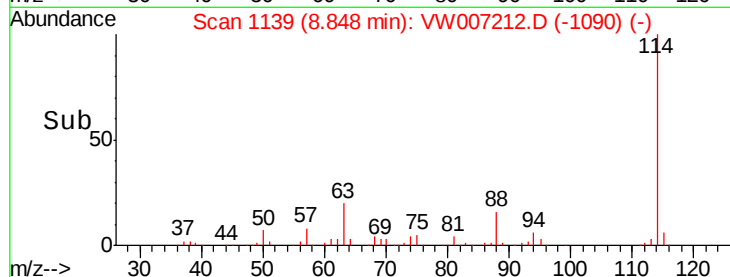
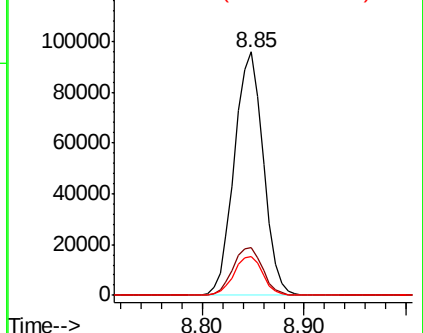
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007212.D
 Acq: 05 Dec 2018 04:00

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-4B-(3.5)

Tot Ion:114 Resp: 188808
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.2
 88 16.1 0.0 30.0

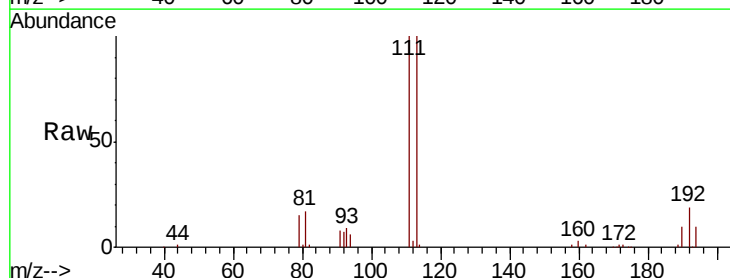


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

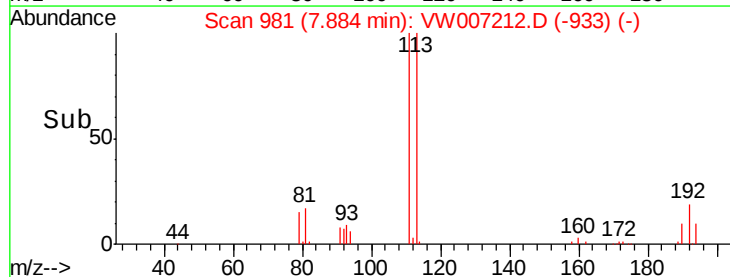
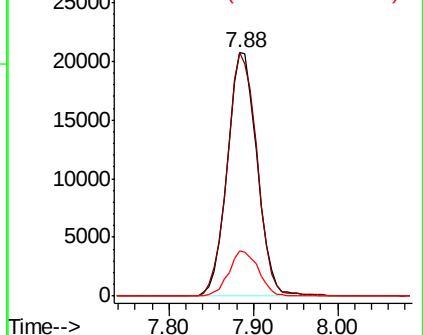


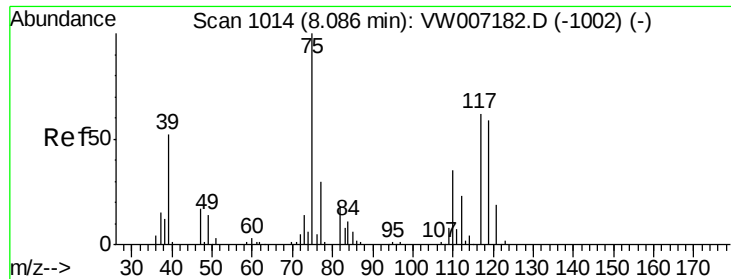
#35
 Dibromofluoromethane
 Concen: 46.008 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007212.D
 Acq: 05 Dec 2018 04:00

Tgt Ion:113 Resp: 49740
 Ion Ratio Lower Upper
 113 100
 111 99.9 82.2 123.4
 192 18.4 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

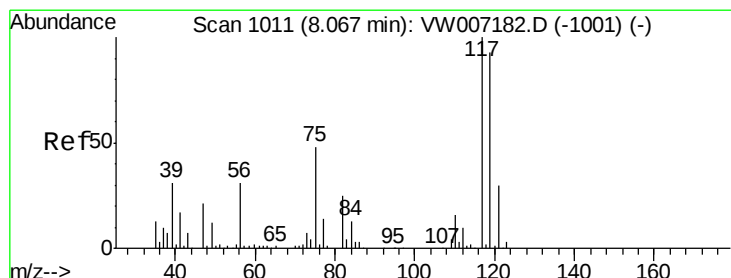
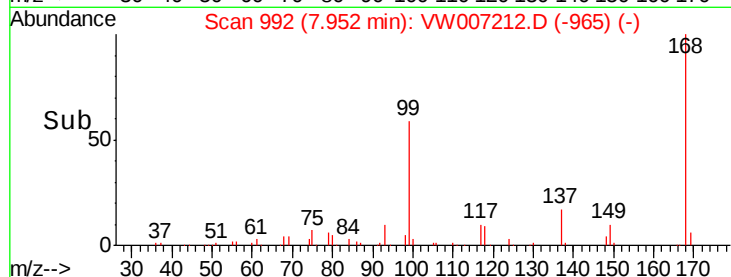
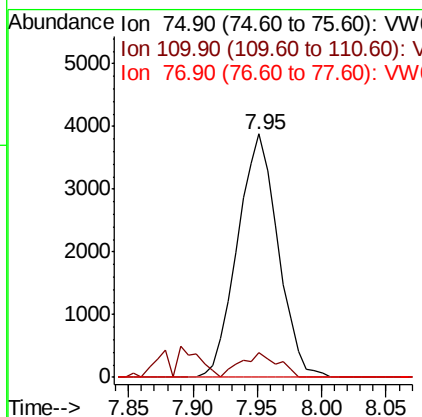
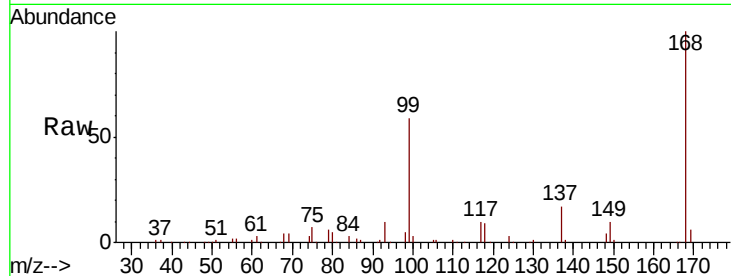




#36
 1,1-Dichloropropene
 Concen: 4.597 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007212.D
 Acq: 05 Dec 2018 04:00

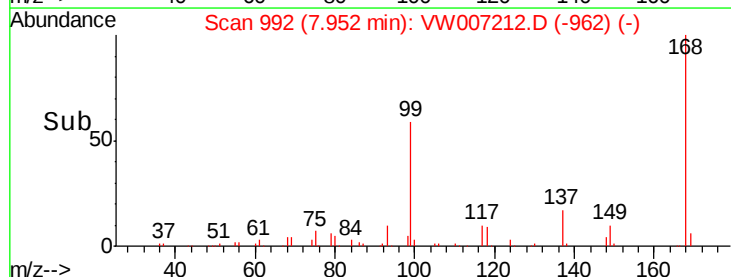
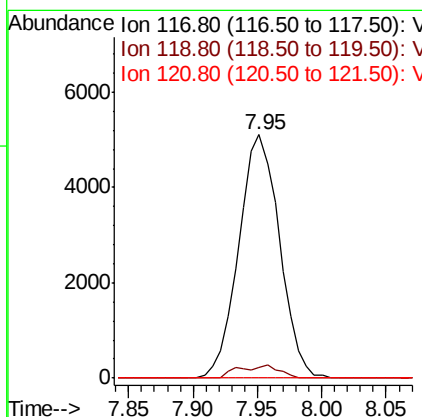
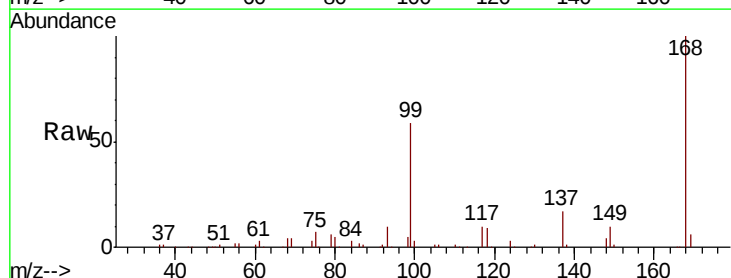
Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-4B-(3.5)

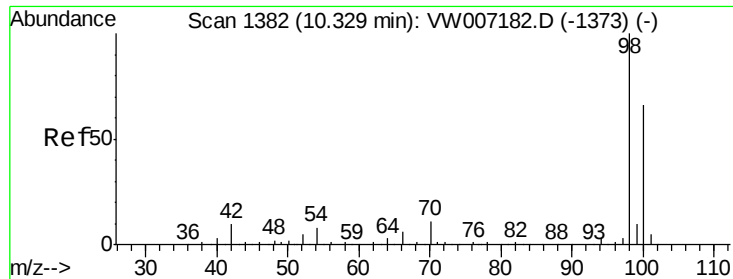
Tot Ion: 75 Resp: 8446
 Ion Ratio Lower Upper
 75 100
 110 9.3 18.3 54.9#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 5.976 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007212.D
 Acq: 05 Dec 2018 04:00

Tgt Ion: 117 Resp: 11206
 Ion Ratio Lower Upper
 117 100
 119 4.4 74.1 111.1#
 121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 37.827 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007212.D

Acq: 05 Dec 2018 04:00

Instrument :

MSVOA_W

ClientSampleId :

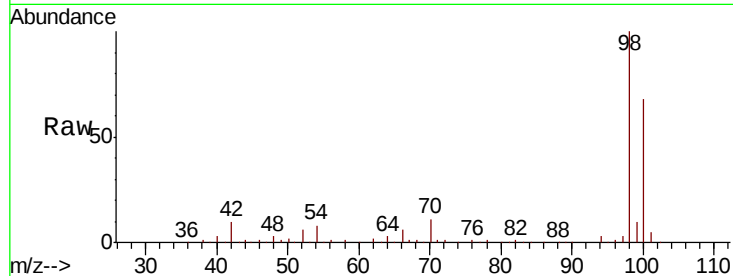
HLSP-SB-4B-(3.5)

Tot Ion: 98 Resp: 180144

Ion Ratio Lower Upper

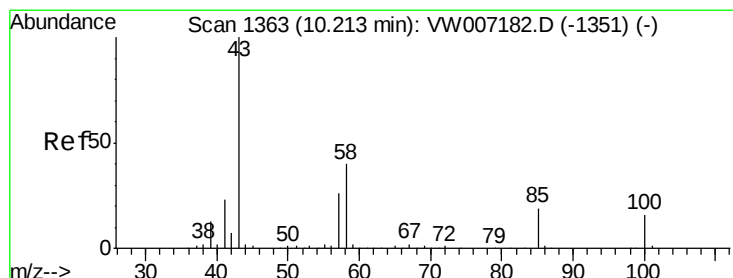
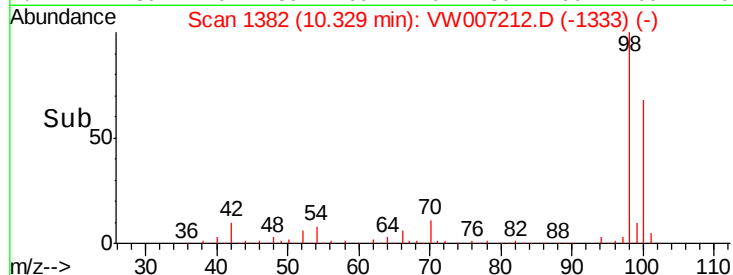
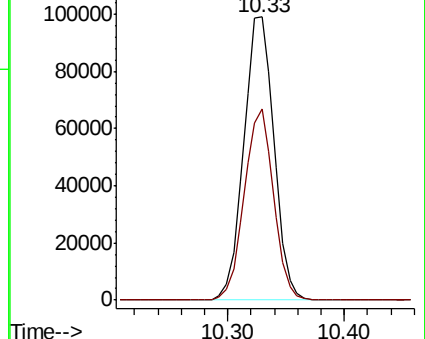
98 100

100 65.1 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: 1.220 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW007212.D

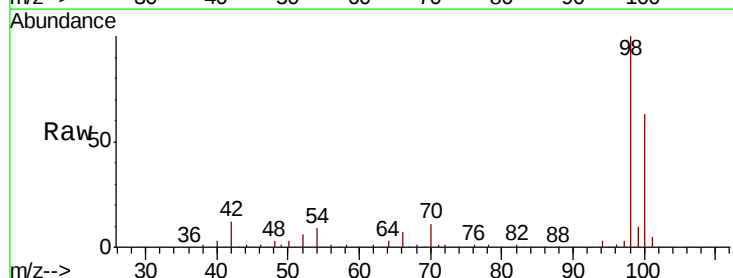
Acq: 05 Dec 2018 04:00

Tgt Ion: 43 Resp: 776

Ion Ratio Lower Upper

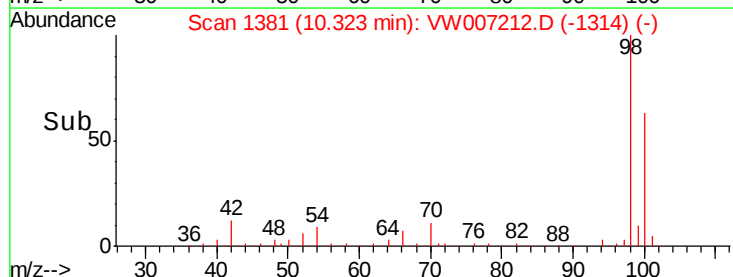
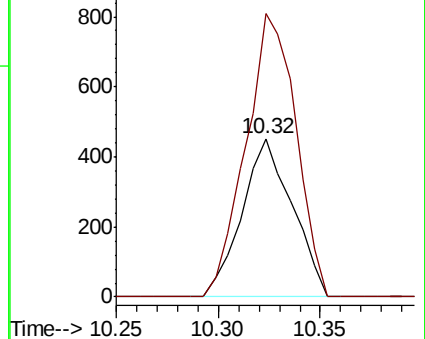
43 100

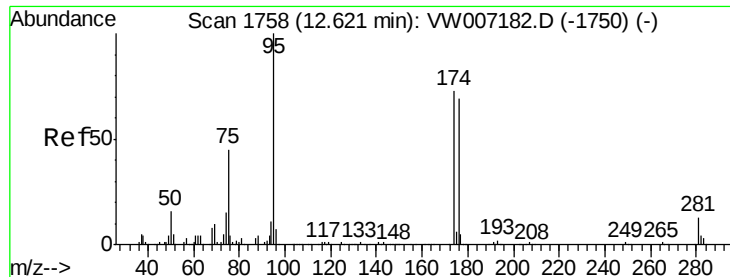
58 178.2 32.3 48.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#62

4-Bromofluorobenzene

Concen: 36.889 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007212.D

Acq: 05 Dec 2018 04:00

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-4B-(3.5)

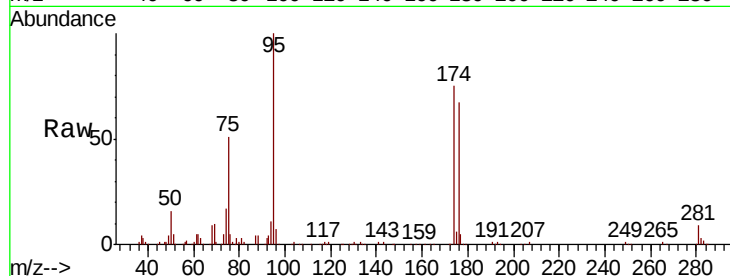
Tot Ion: 95 Resp: 66307

Ion Ratio Lower Upper

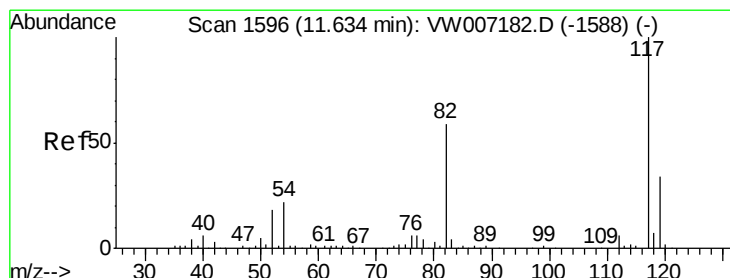
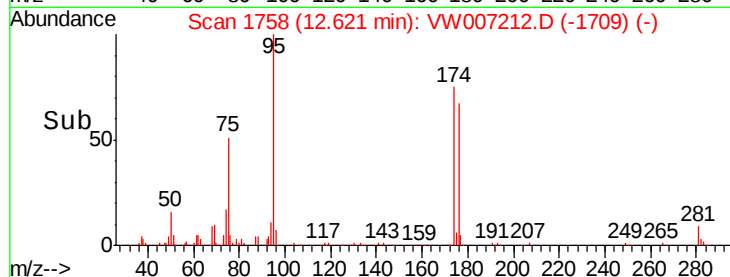
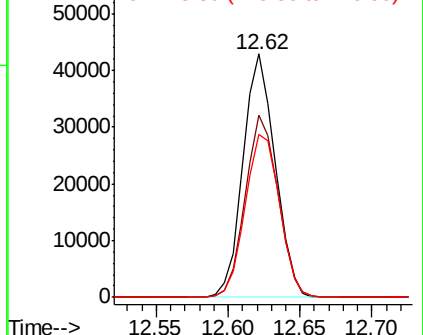
95 100

174 76.0 0.0 148.0

176 71.5 0.0 139.4



Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW007212.D

Acq: 05 Dec 2018 04:00

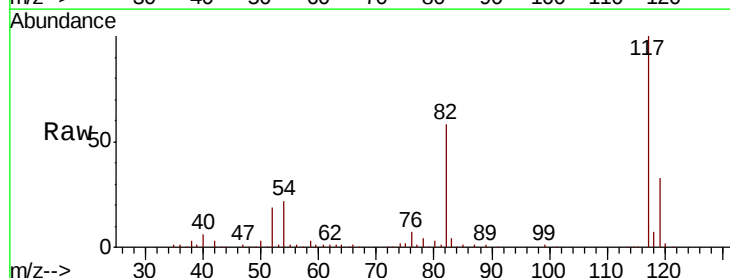
Tgt Ion: 117 Resp: 156220

Ion Ratio Lower Upper

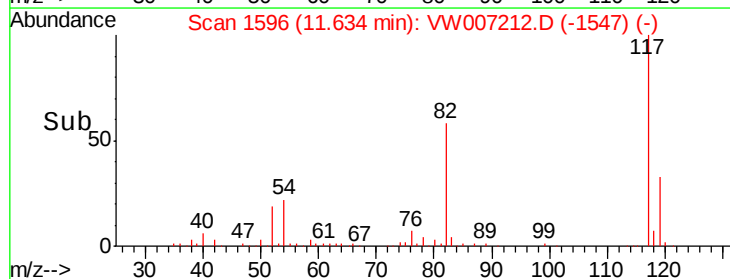
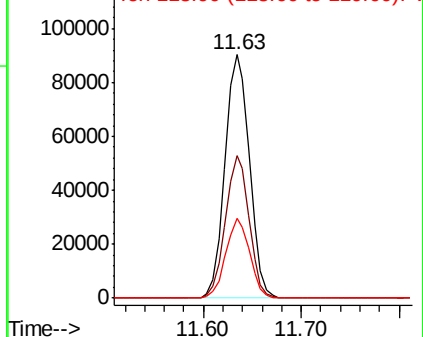
117 100

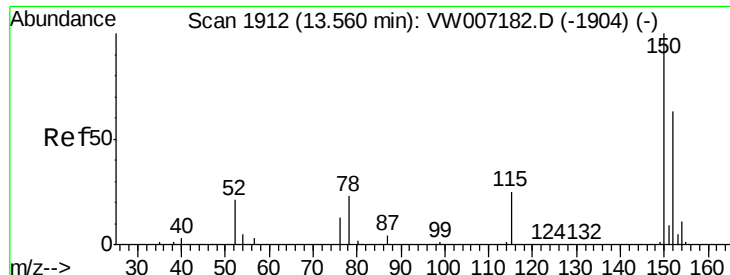
82 58.4 47.4 71.2

119 32.5 26.8 40.2



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007212.D

Acq: 05 Dec 2018 04:00

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-4B-(3.5)

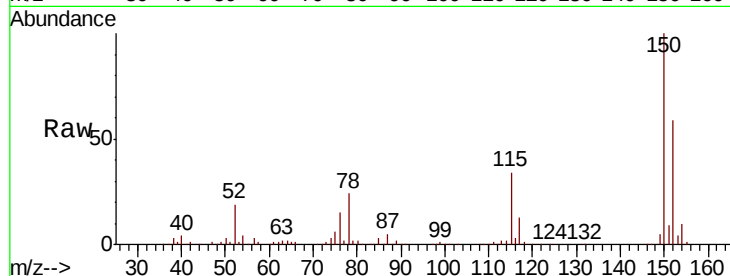
Tot Ion:152 Resp: 63838

Ion Ratio Lower Upper

152 100

115 60.0 31.3 93.8

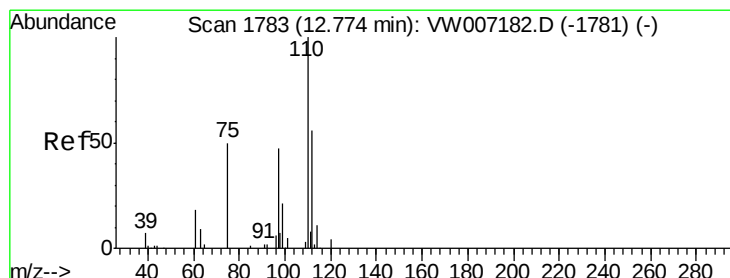
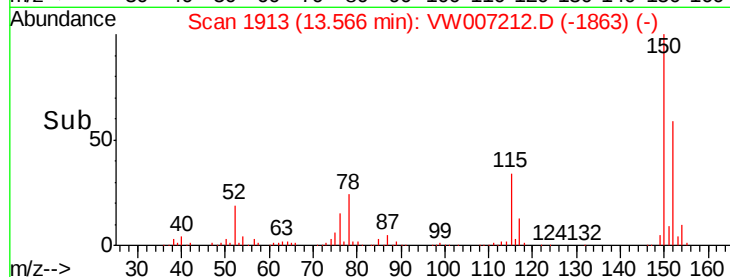
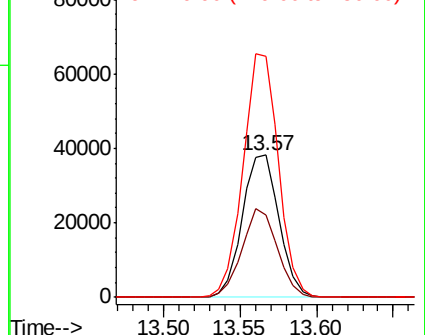
150 163.9 0.0 358.0



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: 36.001 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007212.D

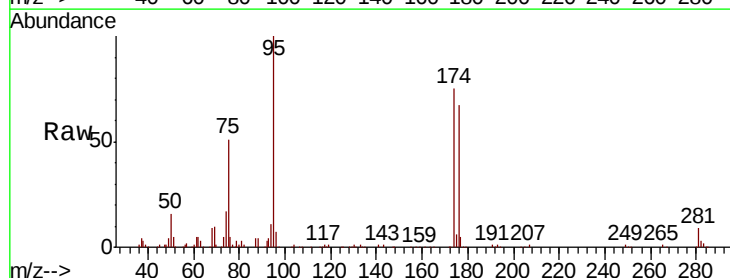
Acq: 05 Dec 2018 04:00

Tgt Ion: 75 Resp: 34537

Ion Ratio Lower Upper

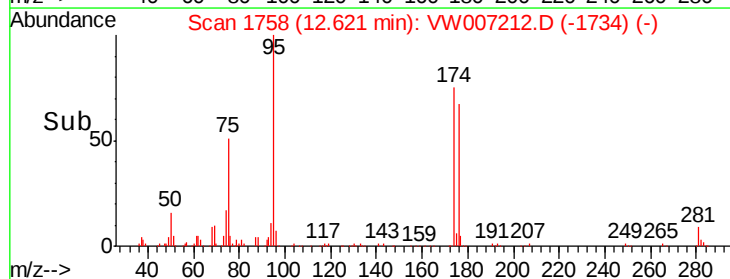
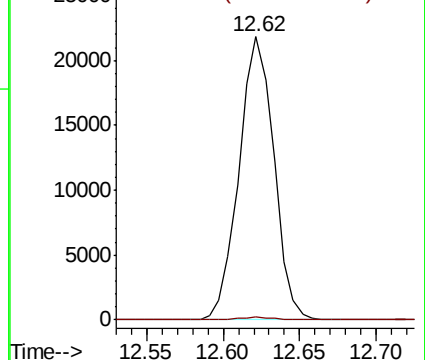
75 100

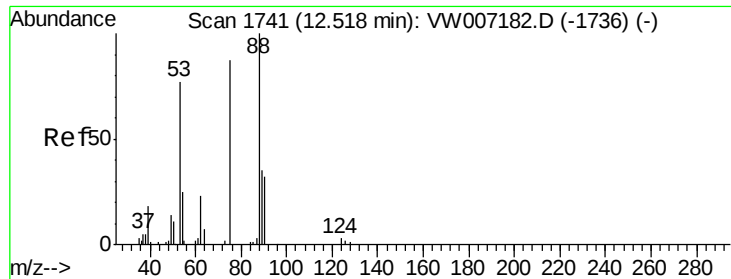
77 1.1 0.0 0.0#



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: 150.595 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007212.D

Acq: 05 Dec 2018 04:00

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-4B-(3.5)

Tot Ion: 75 Resp: 34537

Ion Ratio Lower Upper

75 100

53 0.0 72.8 109.2#

89 0.0 36.4 54.6#

