

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120518\
 Data File : VW007249.D
 Acq On : 05 Dec 2018 23:01
 Operator : SY/AP
 Sample : J6206-02RE
 Misc : 6.05G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-5B-(8.5)RE

Quant Time: Dec 06 06:24:11 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

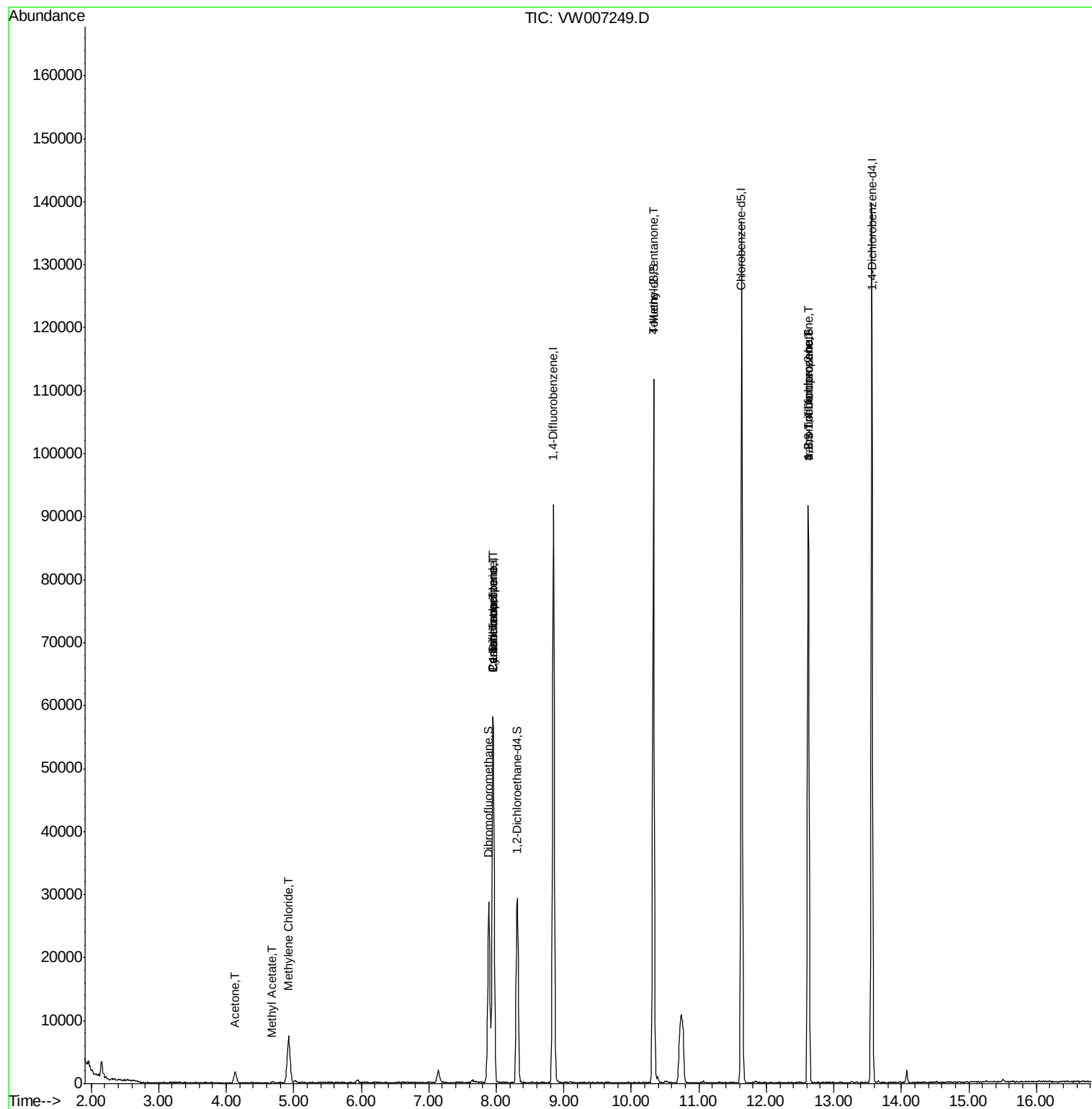
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	44378	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	82674	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	77812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	37838	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	24374	58.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.98%	
35) Dibromofluoromethane	7.89	113	21443	45.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.60%	
50) Toluene-d8	10.33	98	75658	36.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.56%	
62) 4-Bromofluorobenzene	12.62	95	30460	38.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.40%	
Target Compounds						
16) Acetone	4.13	43	3362	34.372	ug/l	94
18) Methyl Acetate	4.68	43	399	1.787	ug/l #	50
20) Methylene Chloride	4.92	84	5625	6.926	ug/l #	91
31) Cyclohexane	7.96	56	965	1.177	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	3254	4.045	ug/l #	49
38) Carbon Tetrachloride	7.96	117	4338	5.283	ug/l #	17
51) 4-Methyl-2-Pentanone	10.34	43	364	1.307	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	15237	52.006	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	15237	112.092	ug/l #	13

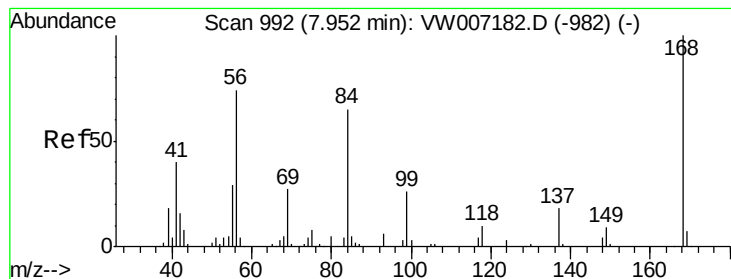
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120518\
Data File : VW007249.D
Acq On : 05 Dec 2018 23:01
Operator : SY/AP
Sample : J6206-02RE
Misc : 6.05G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-5B-(8.5)RE

Quant Time: Dec 06 06:24:11 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: VW007249.D

Acq: 05 Dec 2018 23:01

Instrument :

MSVOA_W

ClientSampleId :

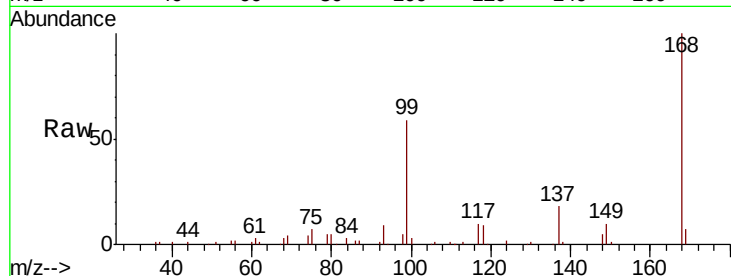
HLSP-SB-5B-(8.5)RE

Tot Ion:168 Resp: 44378

Ion Ratio Lower Upper

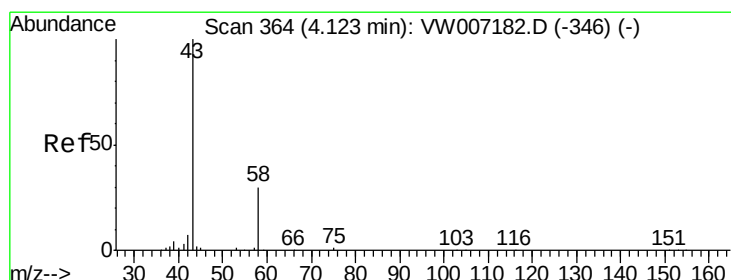
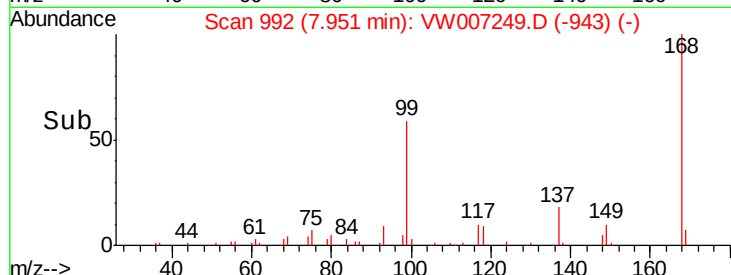
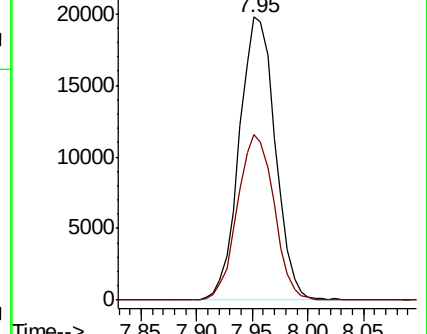
168 100

99 58.6 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 34.372 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW007249.D

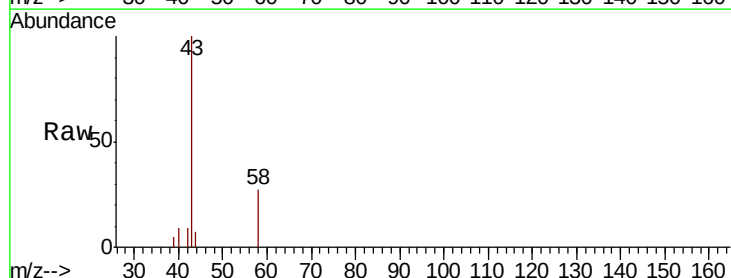
Acq: 05 Dec 2018 23:01

Tgt Ion: 43 Resp: 3362

Ion Ratio Lower Upper

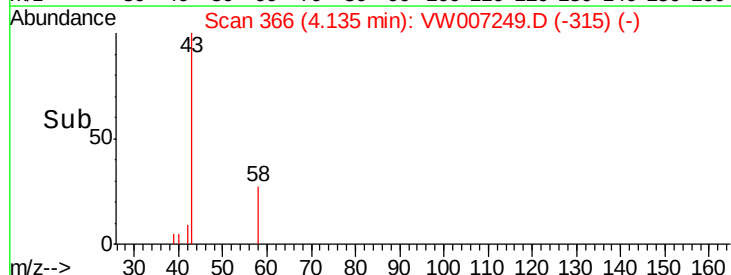
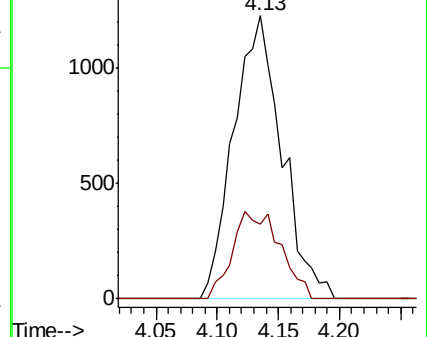
43 100

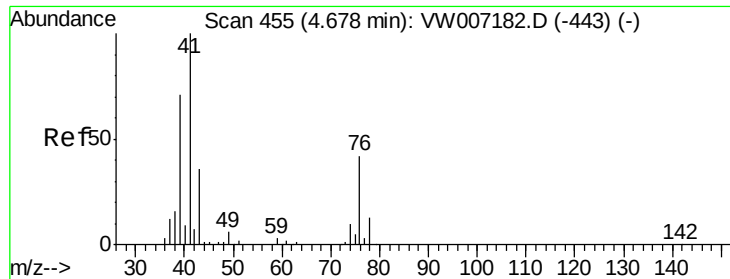
58 26.6 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

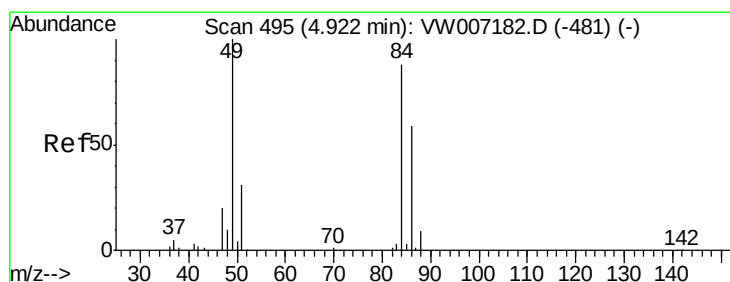
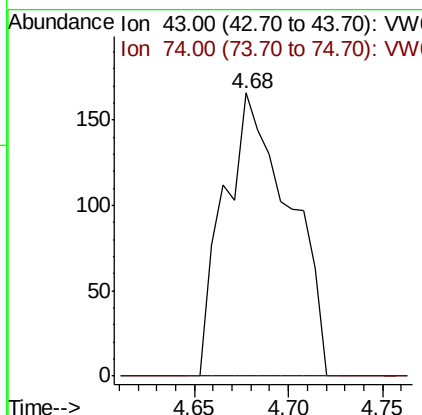
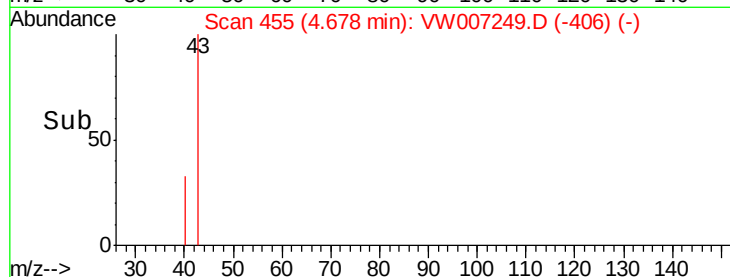
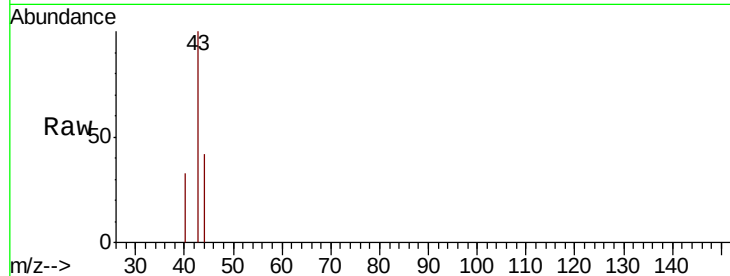




#18
Methyl Acetate
Concen: 1.787 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW007249.D
Acq: 05 Dec 2018 23:01

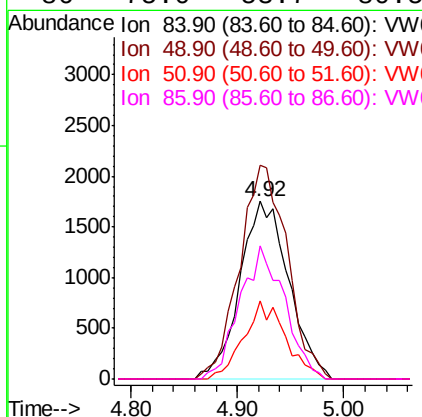
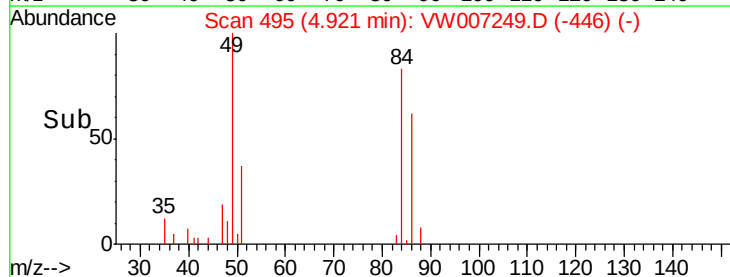
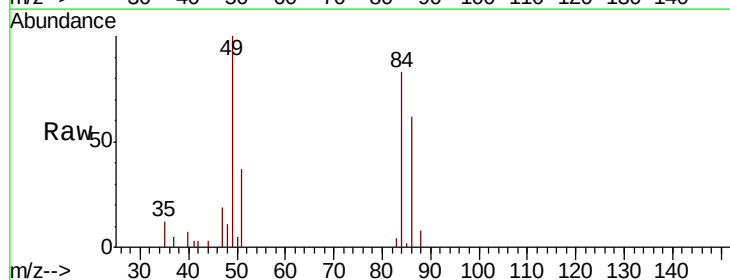
Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-5B-(8.5)RE

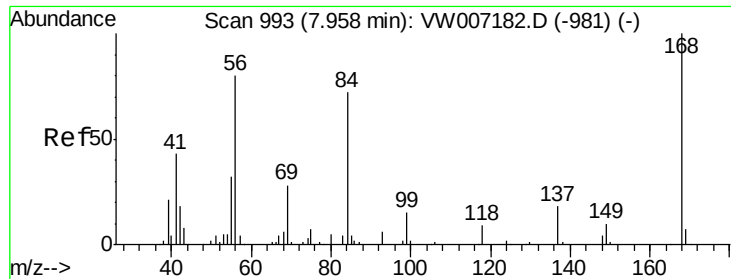
Tot Ion: 43 Resp: 399
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#



#20
Methylene Chloride
Concen: 6.926 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007249.D
Acq: 05 Dec 2018 23:01

Tgt Ion: 84 Resp: 5625
Ion Ratio Lower Upper
84 100
49 120.1 90.6 135.8
51 44.2 27.6 41.4#
86 75.0 53.7 80.5

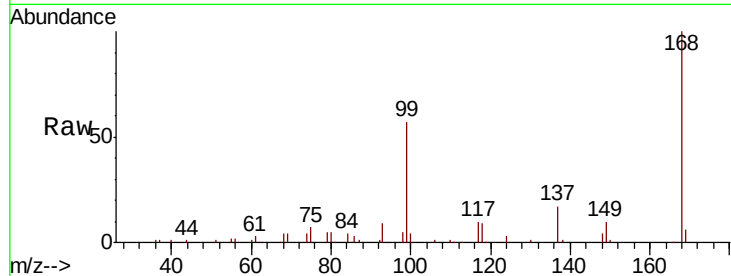




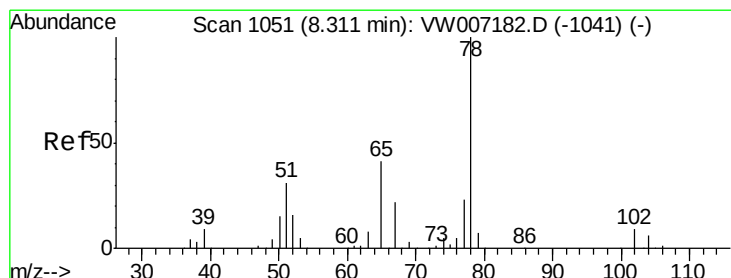
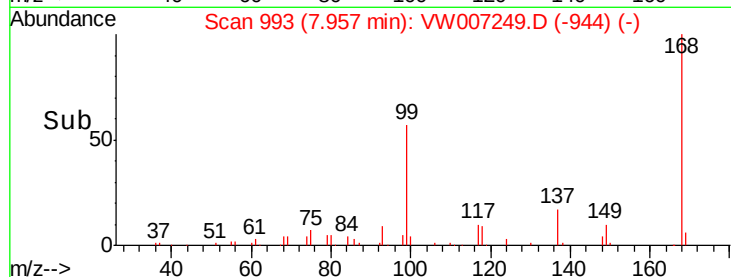
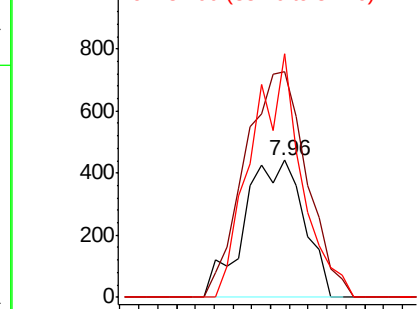
#31
Cyclohexane
Concen: 1.177 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW007249.D
Acq: 05 Dec 2018 23:01

Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-5B-(8.5)RE

Tot Ion: 56 Resp: 965
Ion Ratio Lower Upper
56 100
69 164.0 28.2 42.2#
84 177.4 72.1 108.1#

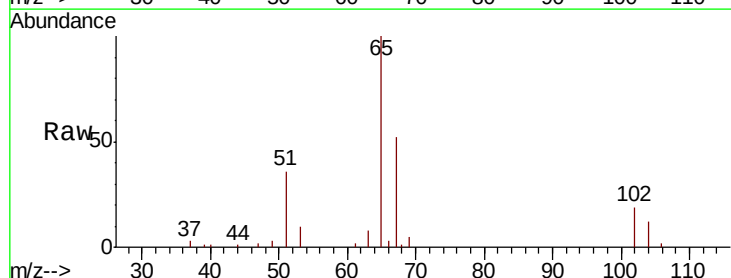


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

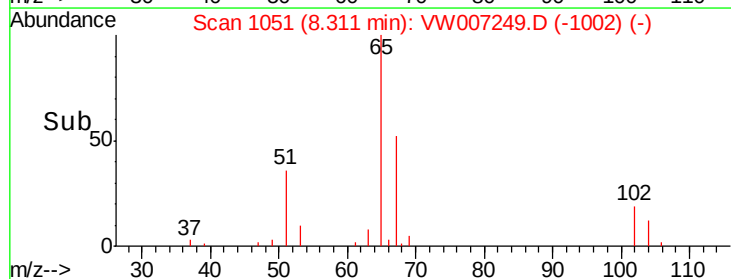
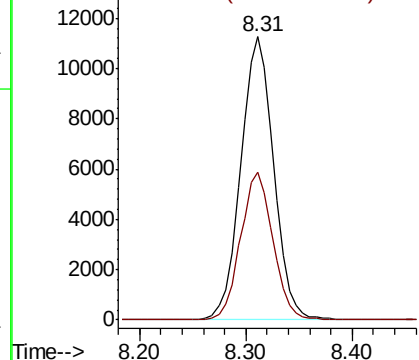


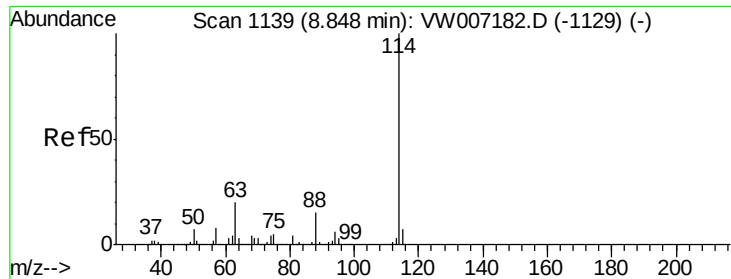
#33
1,2-Dichloroethane-d4
Concen: 58.992 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW007249.D
Acq: 05 Dec 2018 23:01

Tgt Ion: 65 Resp: 24374
Ion Ratio Lower Upper
65 100
67 51.4 0.0 106.4



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

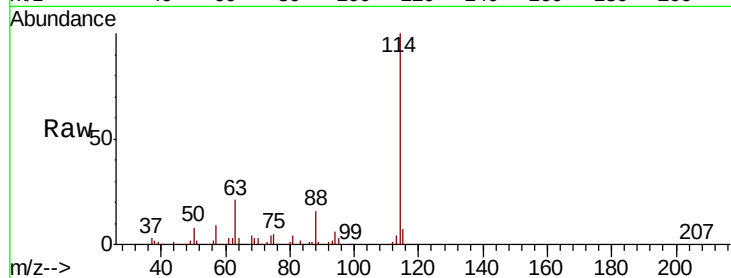




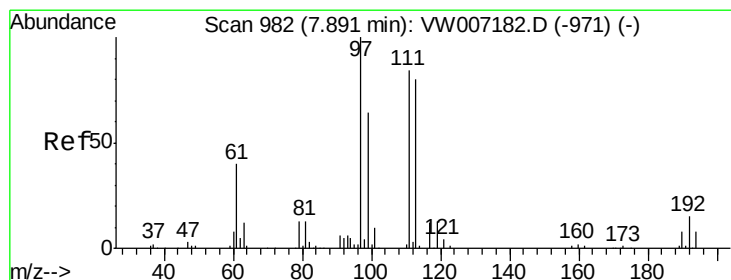
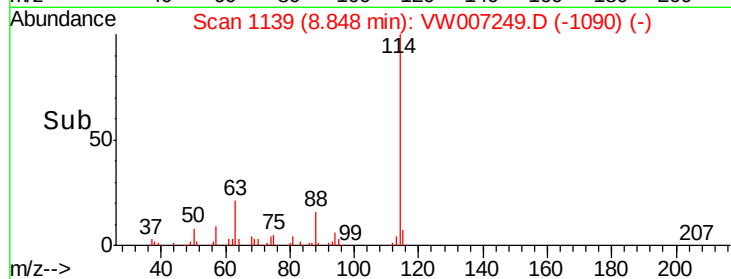
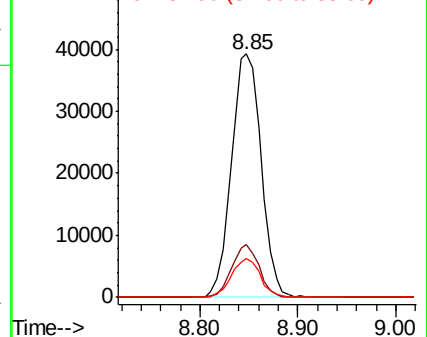
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007249.D
 Acq: 05 Dec 2018 23:01

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-5B-(8.5)RE

Tot Ion:114 Resp: 82674
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 40.2
 88 15.8 0.0 30.0

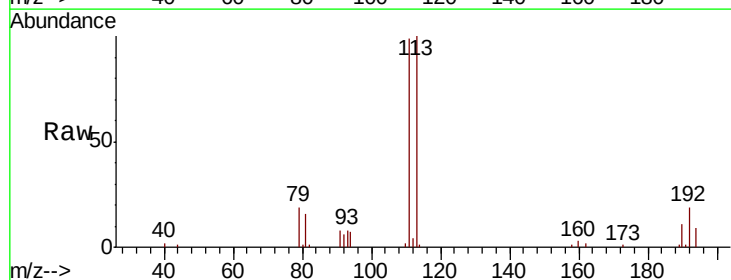


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

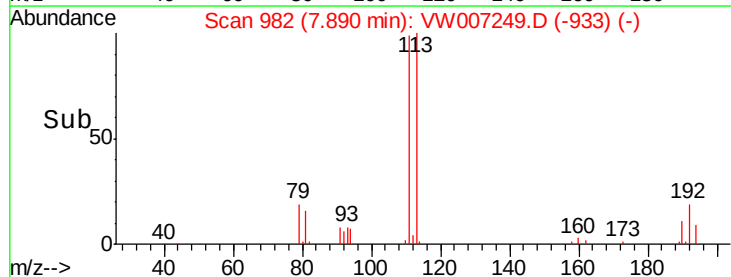
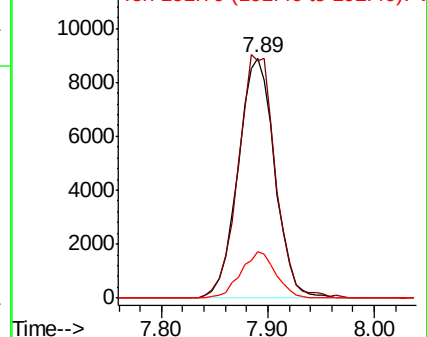


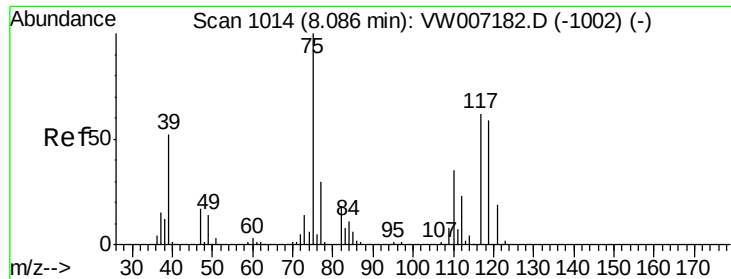
#35
 Dibromofluoromethane
 Concen: 45.297 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007249.D
 Acq: 05 Dec 2018 23:01

Tgt Ion:113 Resp: 21443
 Ion Ratio Lower Upper
 113 100
 111 102.5 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: 4.045 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW007249.D

Acq: 05 Dec 2018 23:01

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-5B-(8.5)RE

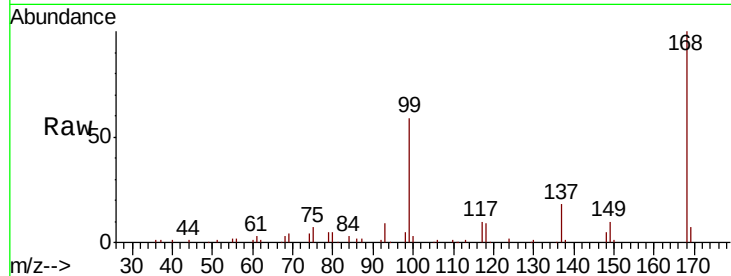
Tot Ion: 75 Resp: 3254

Ion Ratio Lower Upper

75 100

110 8.8 18.3 54.9#

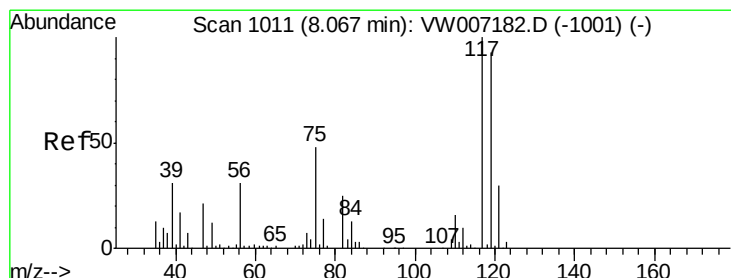
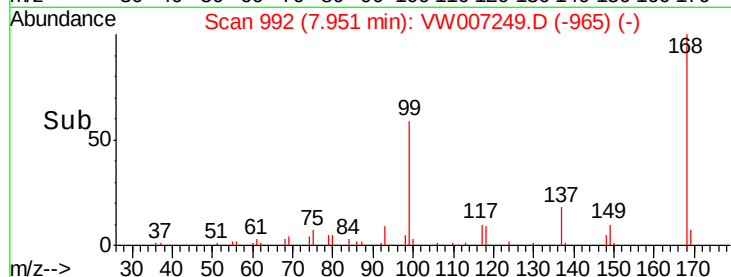
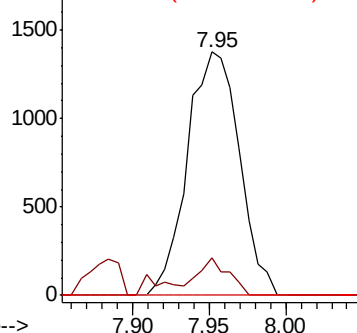
77 0.0 24.9 37.3#



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: 5.283 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.11 min

Lab File: VW007249.D

Acq: 05 Dec 2018 23:01

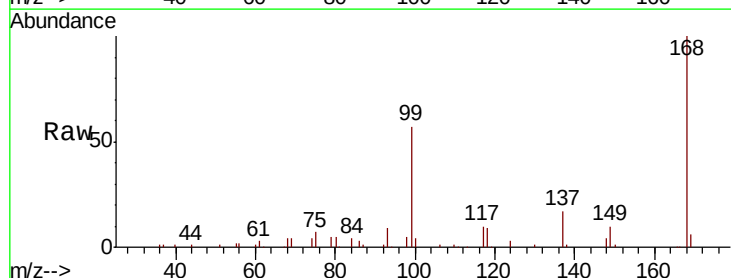
Tgt Ion: 117 Resp: 4338

Ion Ratio Lower Upper

117 100

119 4.4 74.1 111.1#

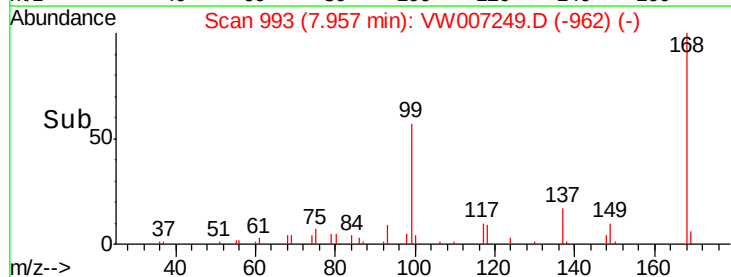
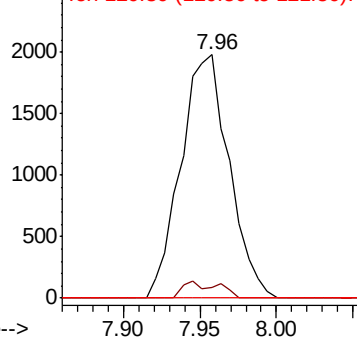
121 0.0 23.9 35.9#

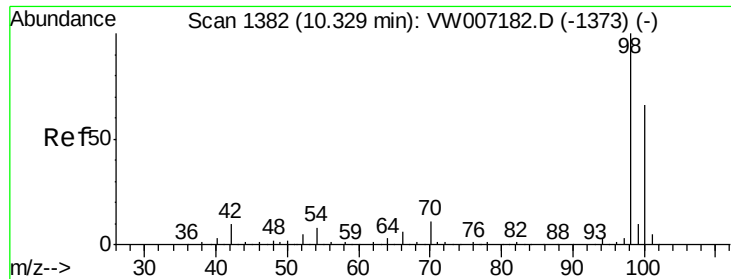


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 36.282 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007249.D

Acq: 05 Dec 2018 23:01

Instrument :

MSVOA_W

ClientSampleId :

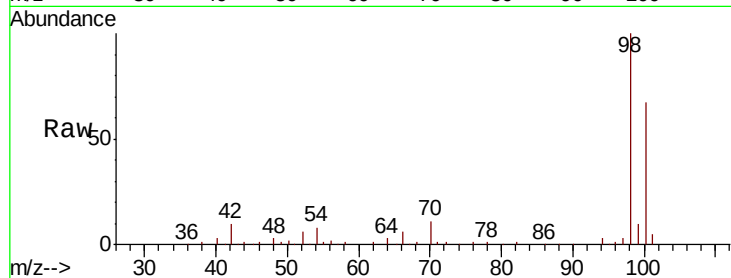
HLSP-SB-5B-(8.5)RE

Tot Ion: 98 Resp: 75658

Ion Ratio Lower Upper

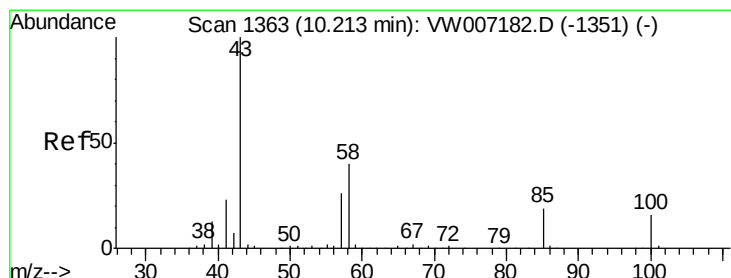
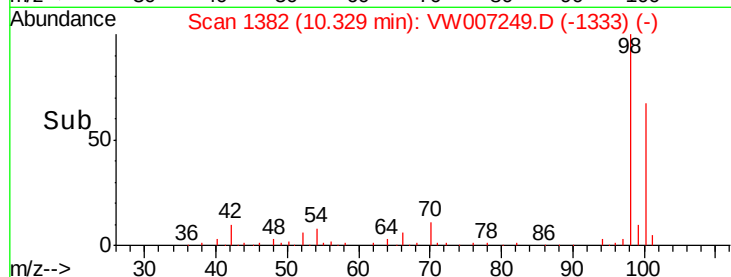
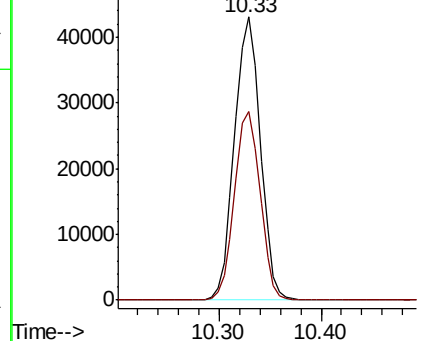
98 100

100 66.1 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: 1.307 ug/l

RT: 10.34 min Scan# 1383

Delta R.T. 0.12 min

Lab File: VW007249.D

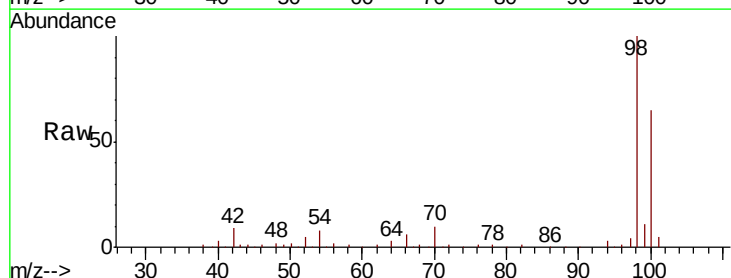
Acq: 05 Dec 2018 23:01

Tgt Ion: 43 Resp: 364

Ion Ratio Lower Upper

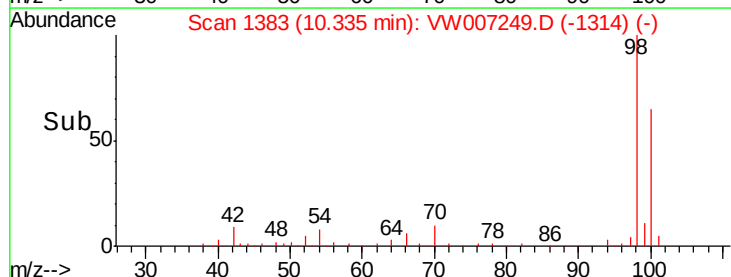
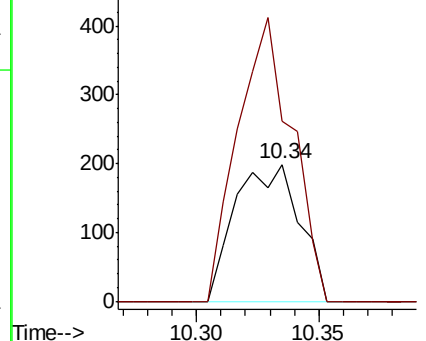
43 100

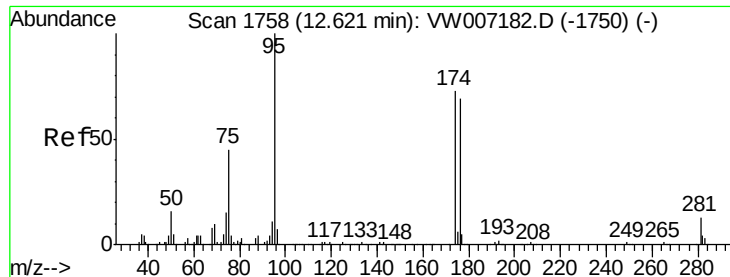
58 174.5 32.3 48.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

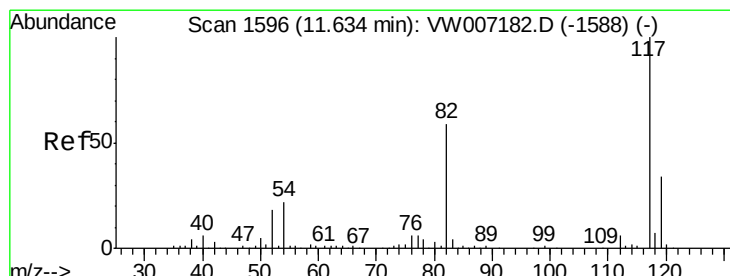
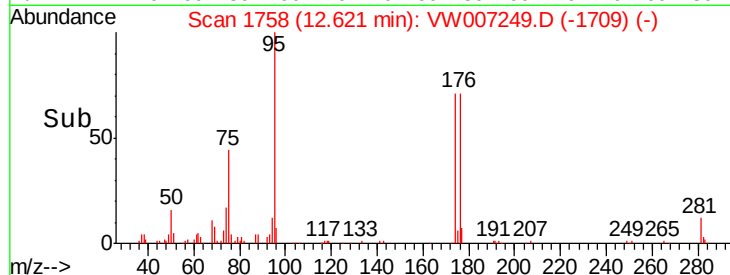
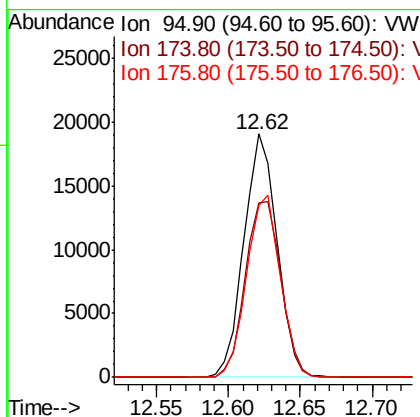
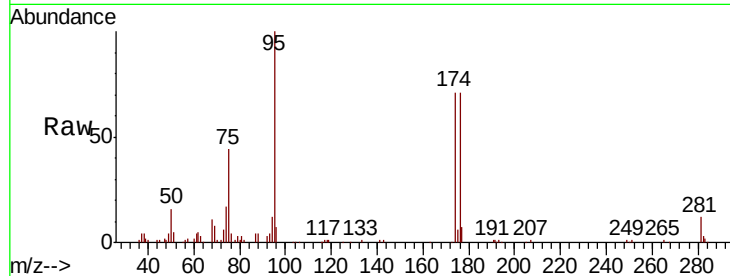




#62
4-Bromofluorobenzene
Concen: 38.700 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007249.D
Acq: 05 Dec 2018 23:01

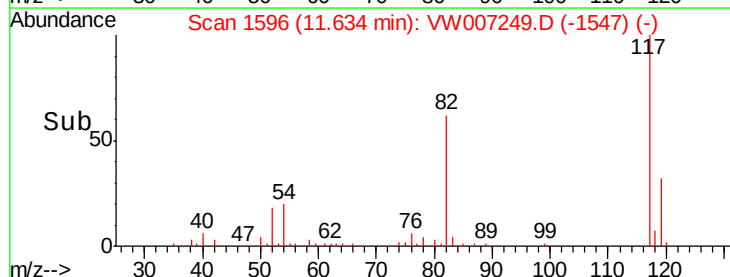
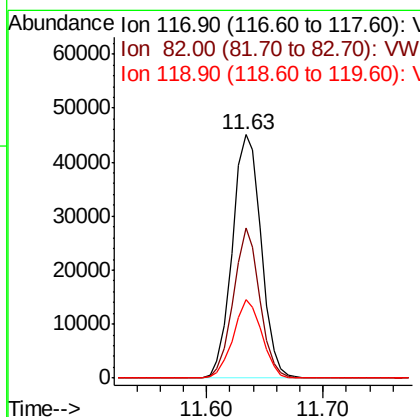
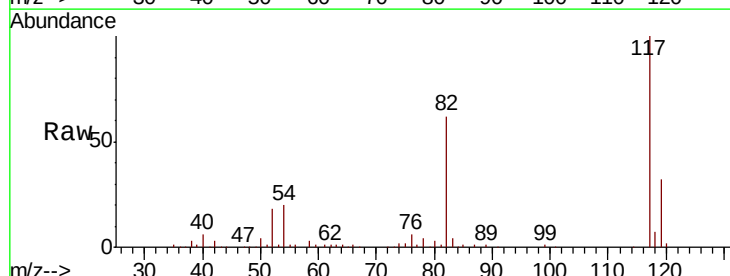
Instrument :
MSVOA_W
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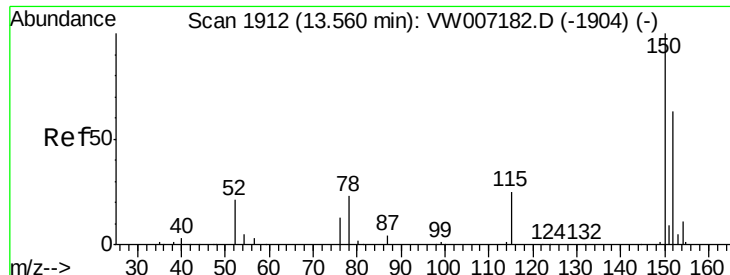
Tot Ion: 95 Resp: 30460
Ion Ratio Lower Upper
95 100
174 77.4 0.0 148.0
176 75.7 0.0 139.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007249.D
Acq: 05 Dec 2018 23:01

Tgt Ion: 117 Resp: 77812
Ion Ratio Lower Upper
117 100
82 61.8 47.4 71.2
119 32.0 26.8 40.2

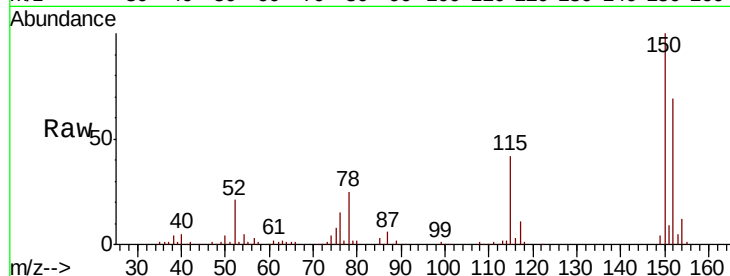




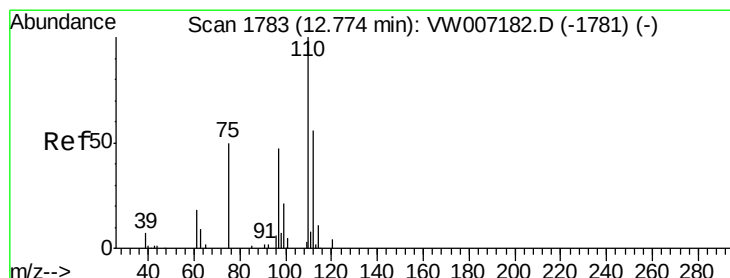
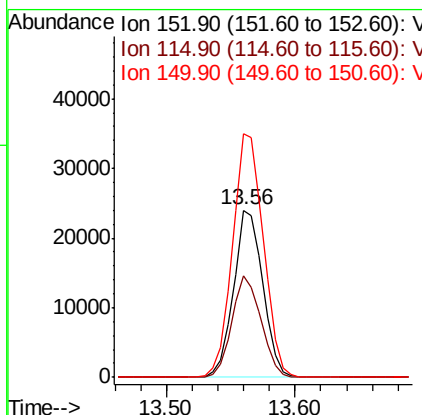
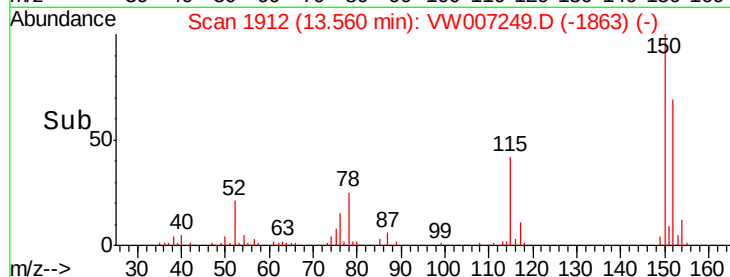
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW007249.D
 Acq: 05 Dec 2018 23:01

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-5B-(8.5)RE

Tot Ion:152 Resp: 37838
 Ion Ratio Lower Upper
 152 100
 115 60.4 31.3 93.8
 150 153.5 0.0 358.0

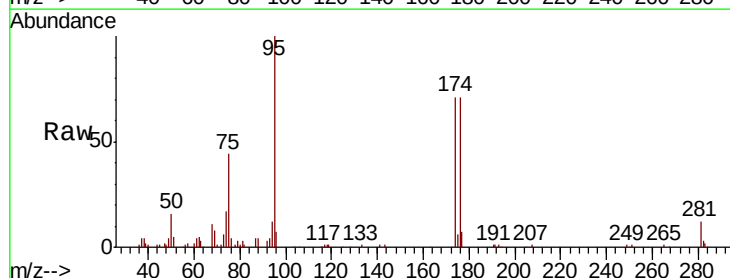


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

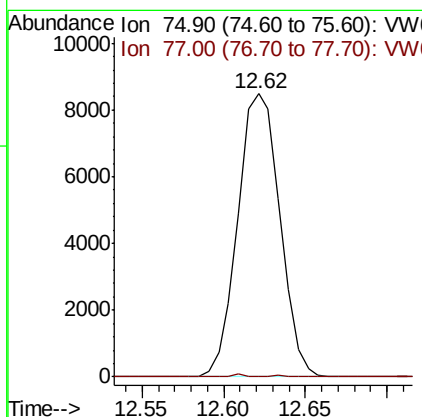
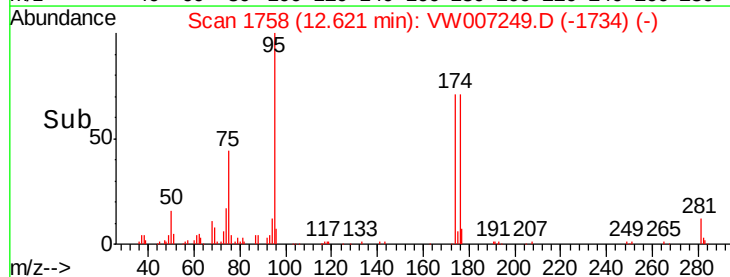


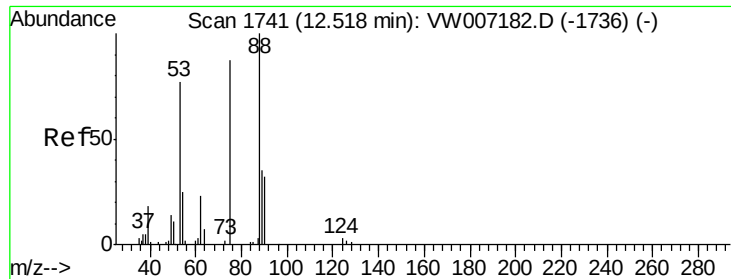
#76
 1,2,3-Trichloropropane
 Concen: 52.006 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW007249.D
 Acq: 05 Dec 2018 23:01

Tgt Ion: 75 Resp: 15237
 Ion Ratio Lower Upper
 75 100
 77 0.1 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: 112.092 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007249.D

Acq: 05 Dec 2018 23:01

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-5B-(8.5)RE

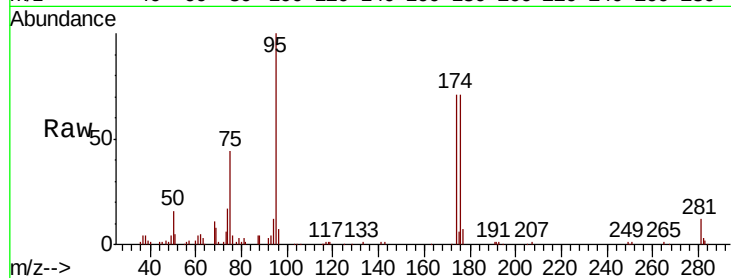
Tot Ion: 75 Resp: 15237

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

