

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120518\
 Data File : VW007240.D
 Acq On : 05 Dec 2018 19:11
 Operator : SY/AP
 Sample : J6204-16
 Misc : 7.1G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-8B-(9.5)

Quant Time: Dec 06 06:22:30 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	117357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	197396	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	176693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	87516	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	49365	45.18	ug/l	0.00
Spiked Amount			Recovery	=	90.36%	
35) Dibromofluoromethane	7.88	113	46494	41.13	ug/l	0.00
Spiked Amount			Recovery	=	82.26%	
50) Toluene-d8	10.33	98	189394	38.04	ug/l	0.00
Spiked Amount			Recovery	=	76.08%	
62) 4-Bromofluorobenzene	12.62	95	75400	40.12	ug/l	0.00
Spiked Amount			Recovery	=	80.24%	

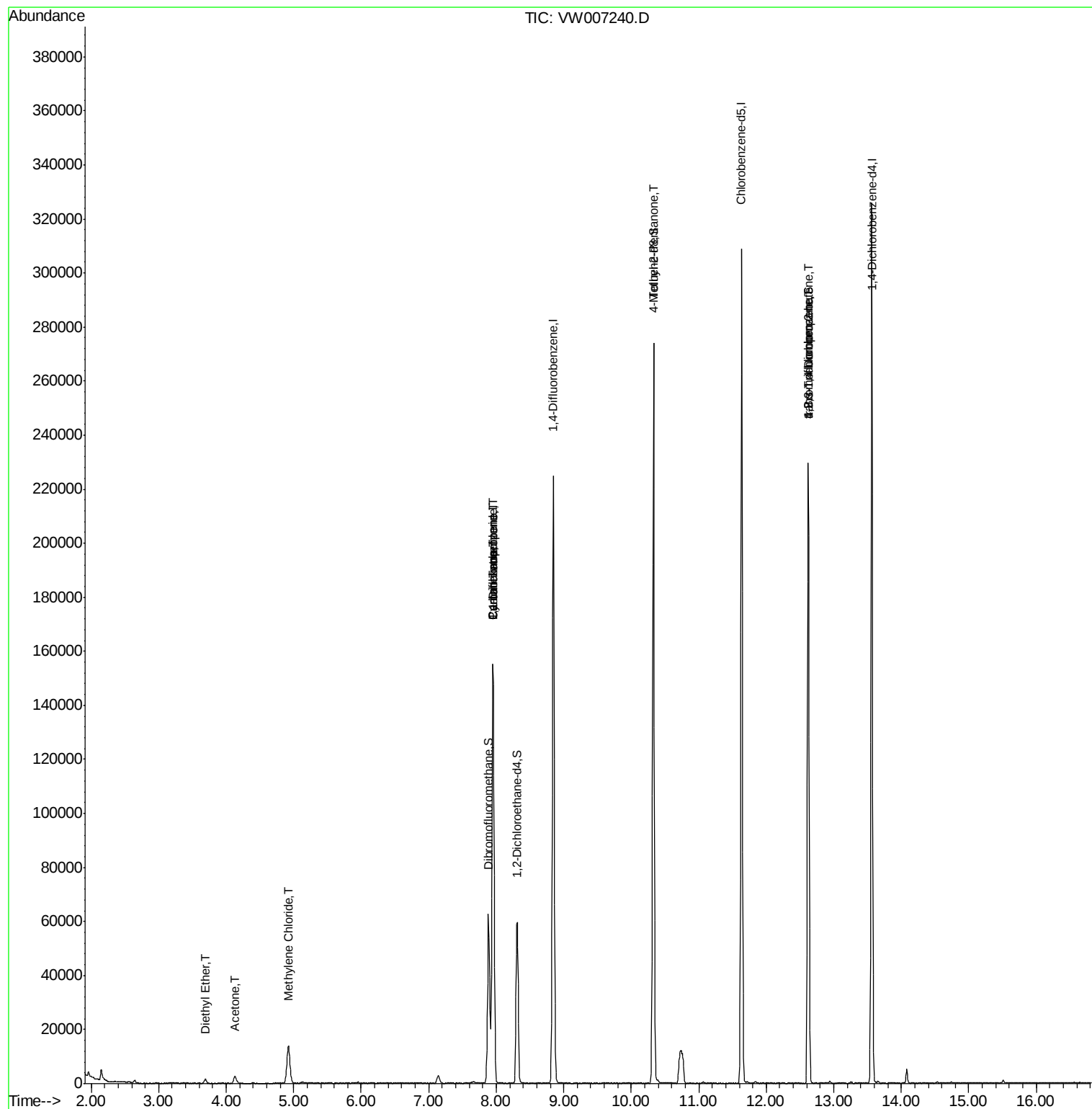
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.69	74	837	1.513	ug/l	97
11) Tert butyl alcohol	5.12	59	112	Below Cal	#	75
16) Acetone	4.13	43	4935	19.079	ug/l	90
20) Methylene Chloride	4.93	84	11114	3.703	ug/l	98
31) Cyclohexane	7.95	56	2403	1.108	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	8844	4.605	ug/l #	50
38) Carbon Tetrachloride	7.95	117	11968	6.105	ug/l #	17
51) 4-Methyl-2-Pentanone	10.32	43	851	1.280	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	37643	55.550	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	37643	119.730	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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Misc : 7.1G/5ML/MSVOA W/SOIL
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Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-8B-(9.5)

Quant Time: Dec 06 06:22:30 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: VW007240.D

Acq: 05 Dec 2018 19:11

Instrument :

MSVOA_W

ClientSampleId :

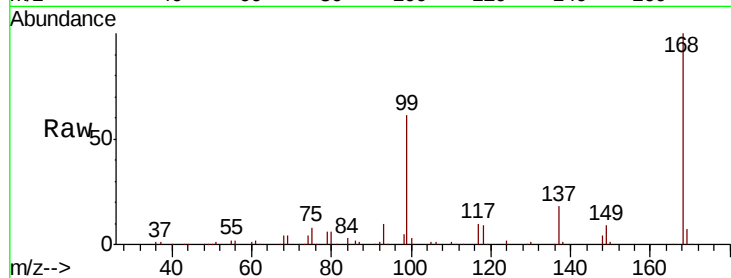
HLSP-SB-8B-(9.5)

Tot Ion:168 Resp: 117357

Ion Ratio Lower Upper

168 100

99 61.2 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

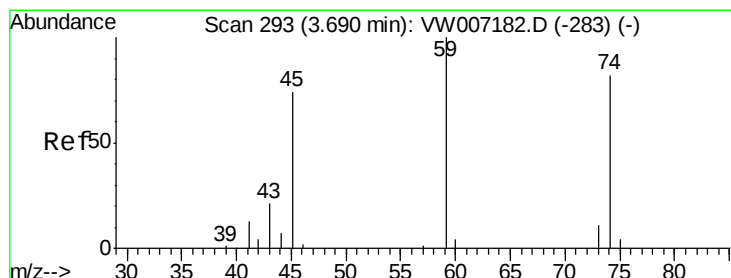
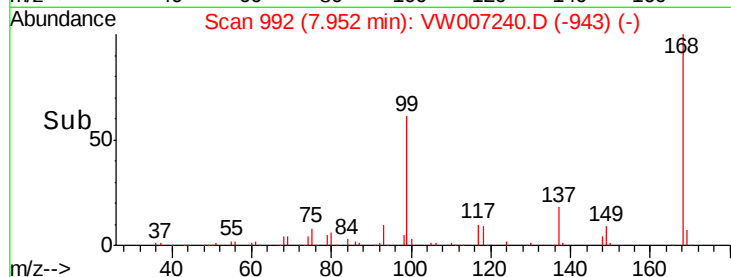
20000

10000

0

Time-->

7.90 8.00 8.10



#8

Diethyl Ether

Concen: 1.513 ug/l

RT: 3.69 min Scan# 293

Delta R.T. -0.00 min

Lab File: VW007240.D

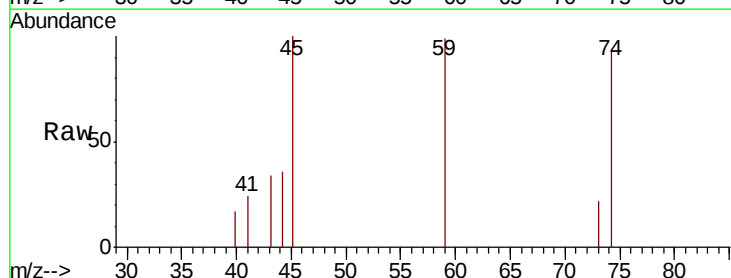
Acq: 05 Dec 2018 19:11

Tgt Ion: 74 Resp: 837

Ion Ratio Lower Upper

74 100

45 91.2 47.2 141.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.69

500

400

300

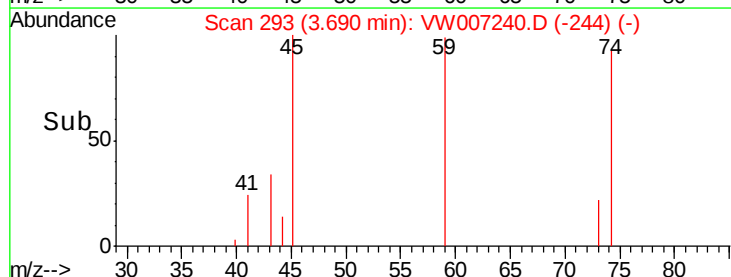
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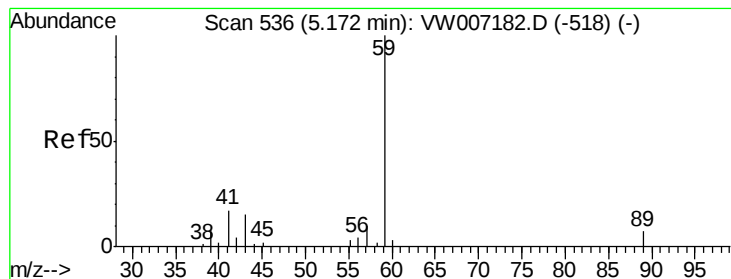
100

0

Time-->

3.65 3.70 3.75



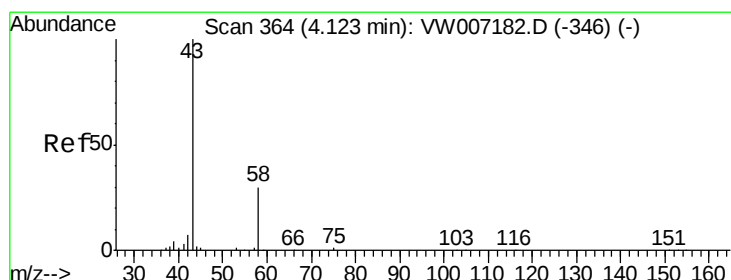
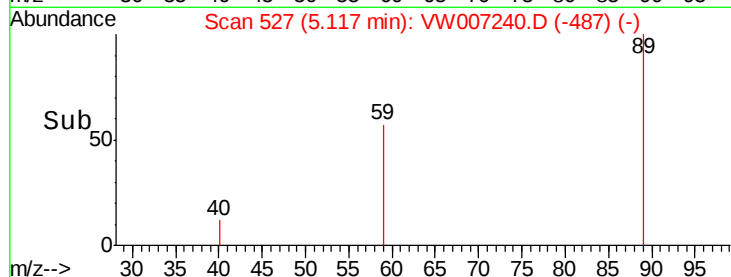
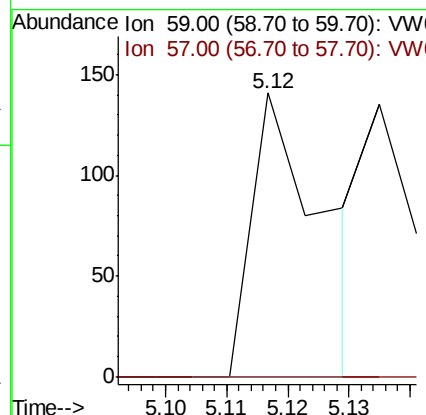
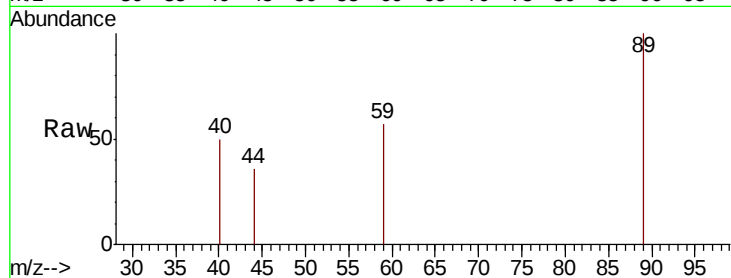


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.12 min Scan# 527
 Delta R.T. -0.05 min
 Lab File: VW007240.D
 Acq: 05 Dec 2018 19:11

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-8B-(9.5)

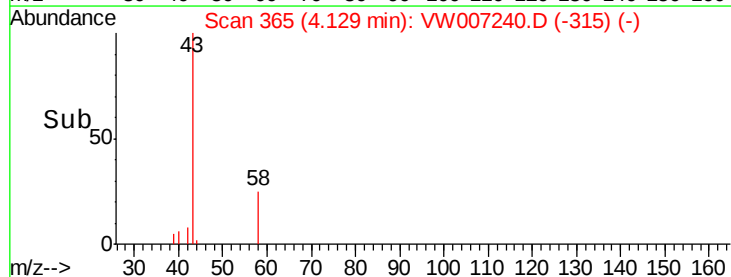
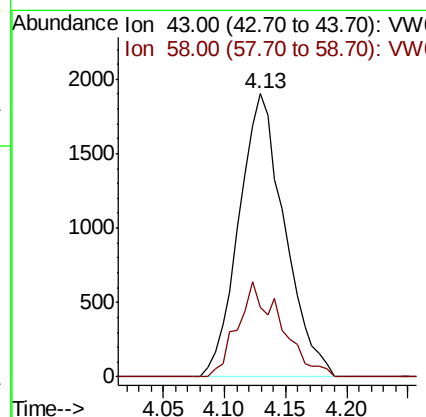
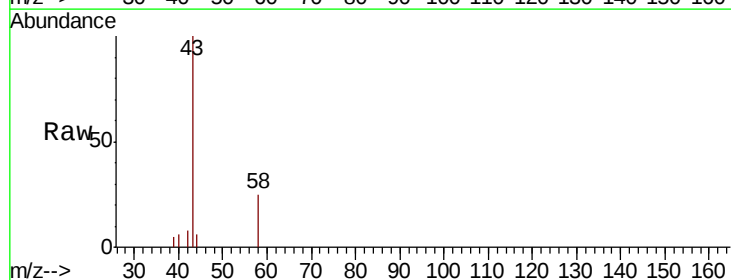
Tot Ion: 59 Resp: 112
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.1 10.7#

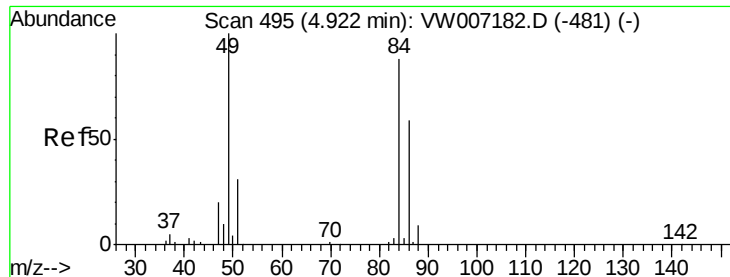


#16

Acetone
 Concen: 19.079 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VW007240.D
 Acq: 05 Dec 2018 19:11

Tgt Ion: 43 Resp: 4935
 Ion Ratio Lower Upper
 43 100
 58 24.7 23.8 35.8

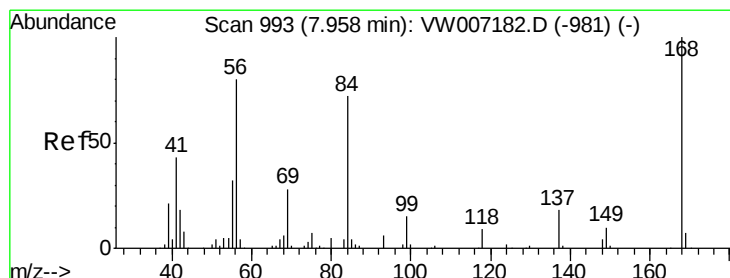
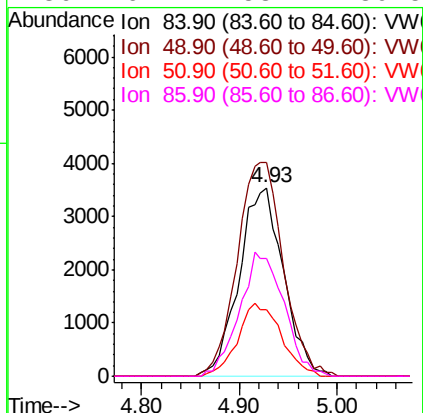
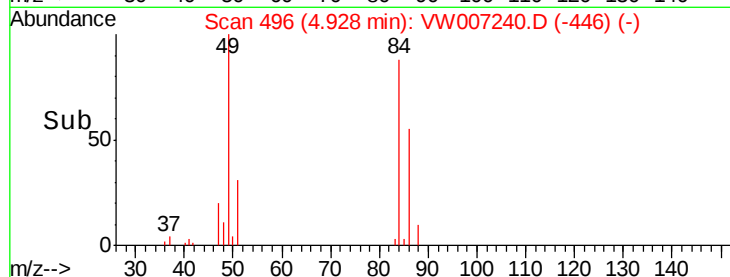
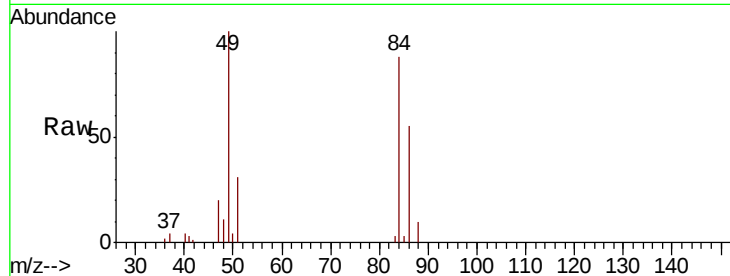




#20
Methvlene Chloride
Concen: 3.703 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW007240.D
Acq: 05 Dec 2018 19:11

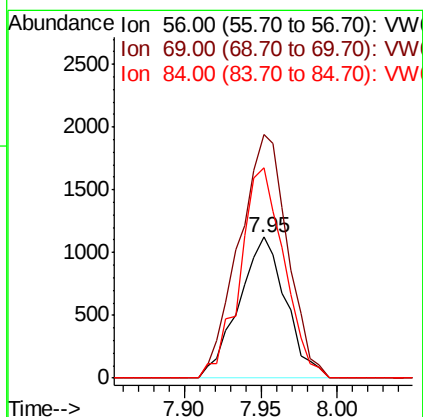
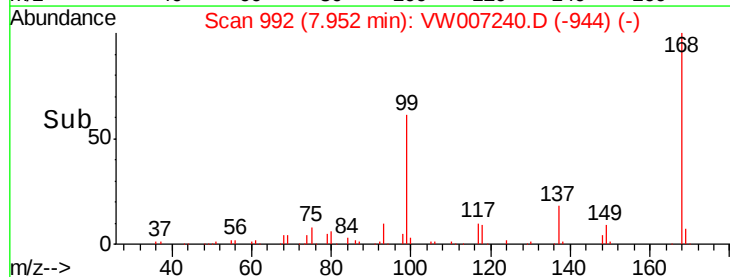
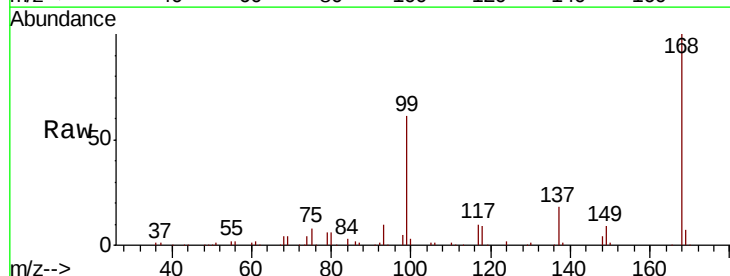
Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-8B-(9.5)

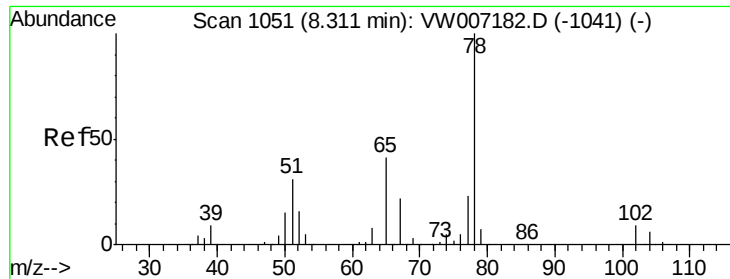
Tot Ion:	84	Resp:	11114
Ion	Ratio	Lower	Upper
84	100		
49	113.5	90.6	135.8
51	35.3	27.6	41.4
86	62.7	53.7	80.5



#31
Cyclohexane
Concen: 1.108 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW007240.D
Acq: 05 Dec 2018 19:11

Tgt Ion:	56	Resp:	2403
Ion	Ratio	Lower	Upper
56	100		
69	172.6	28.2	42.2#
84	148.7	72.1	108.1#

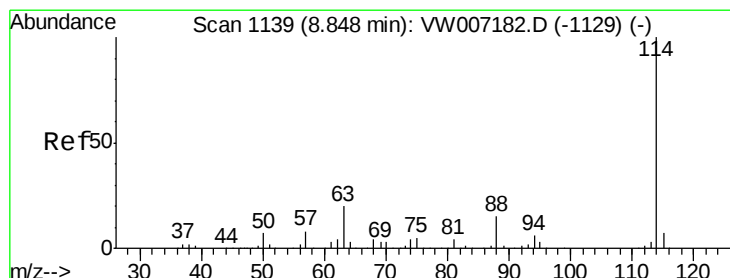
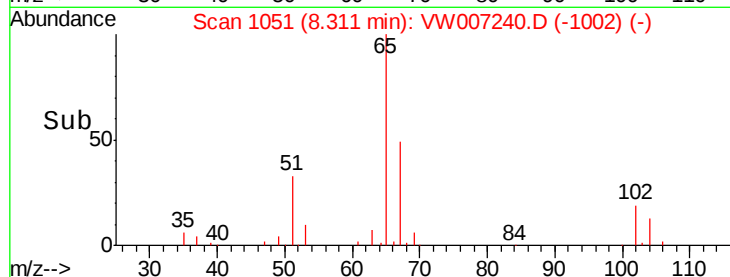
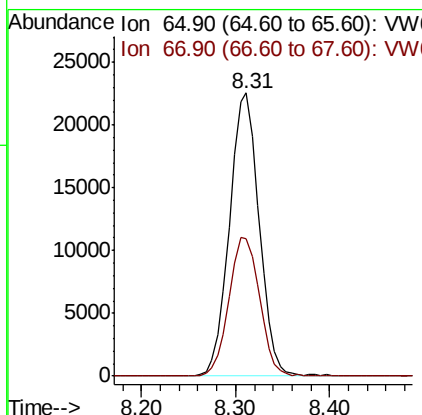
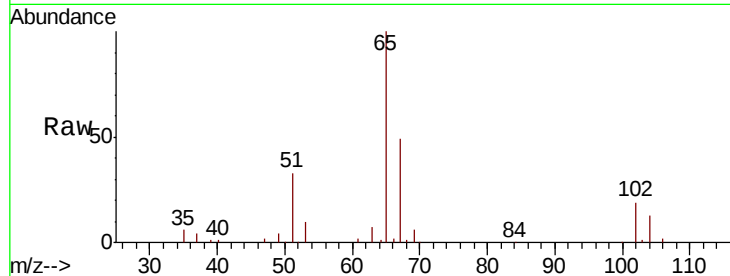




#33
 1,2-Dichloroethane-d4
 Concen: 45.179 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW007240.D
 Acq: 05 Dec 2018 19:11

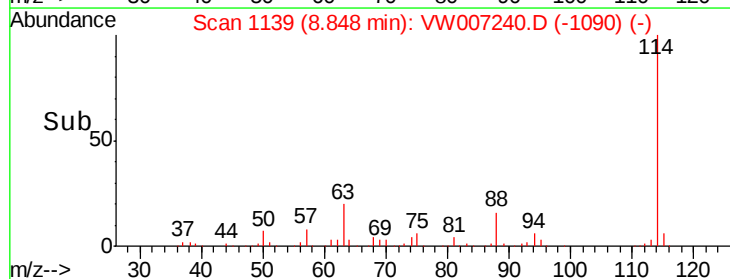
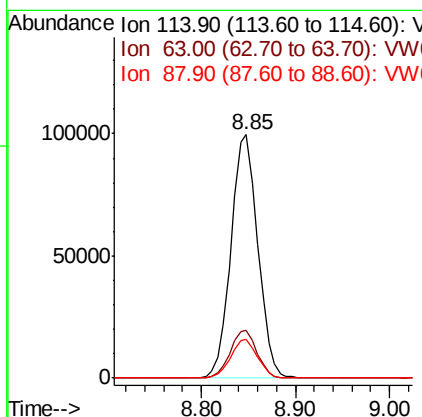
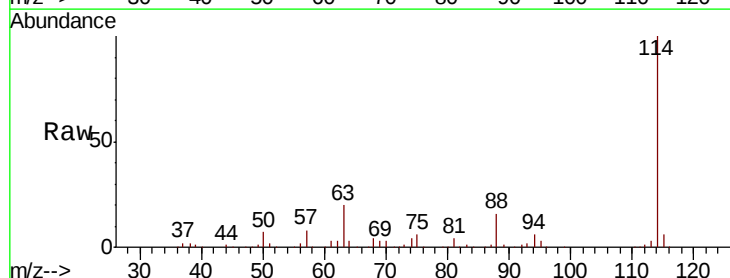
Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-8B-(9.5)

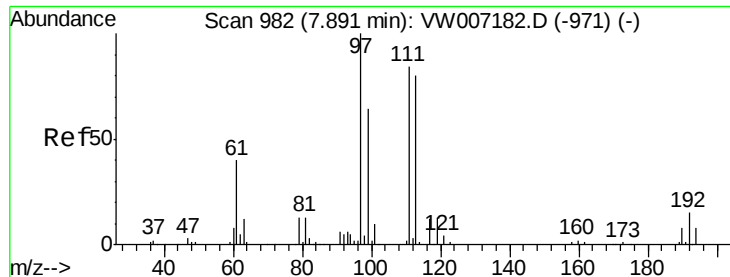
Tot Ion: 65 Resp: 49365
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007240.D
 Acq: 05 Dec 2018 19:11

Tgt Ion: 114 Resp: 197396
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.2
 88 15.8 0.0 30.0





#35

Dibromofluoromethane

Concen: 41.135 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW007240.D

Acq: 05 Dec 2018 19:11

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-8B-(9.5)

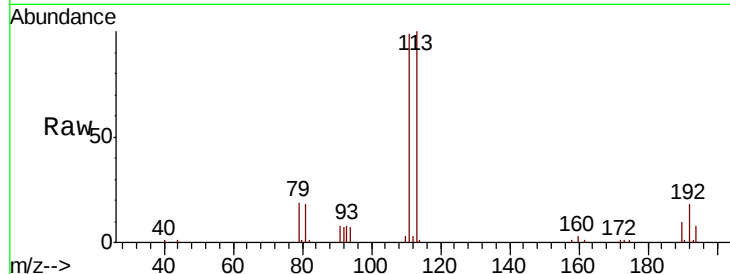
Tot Ion:113 Resp: 46494

Ion Ratio Lower Upper

113 100

111 100.3 82.2 123.4

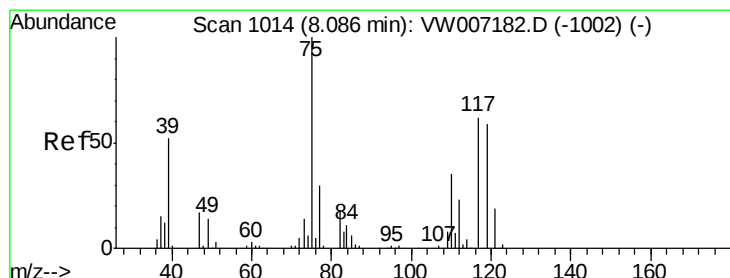
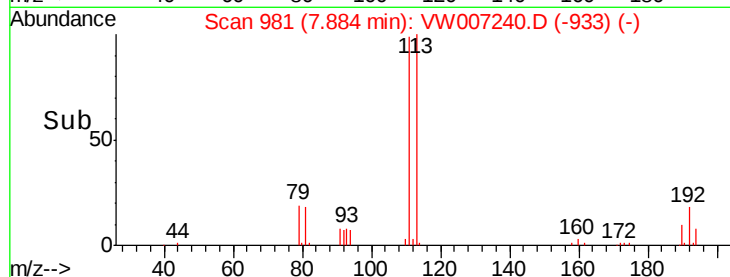
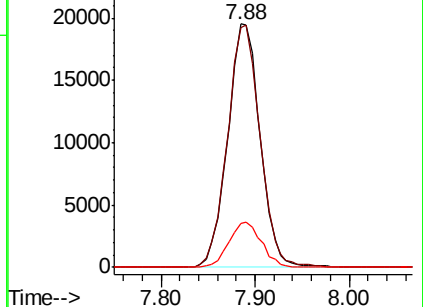
192 18.5 14.4 21.6



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: 4.605 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW007240.D

Acq: 05 Dec 2018 19:11

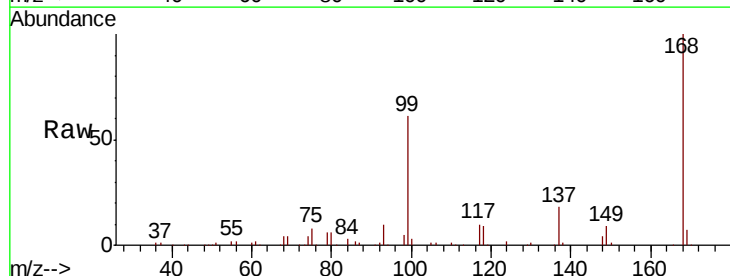
Tgt Ion: 75 Resp: 8844

Ion Ratio Lower Upper

75 100

110 10.6 18.3 54.9#

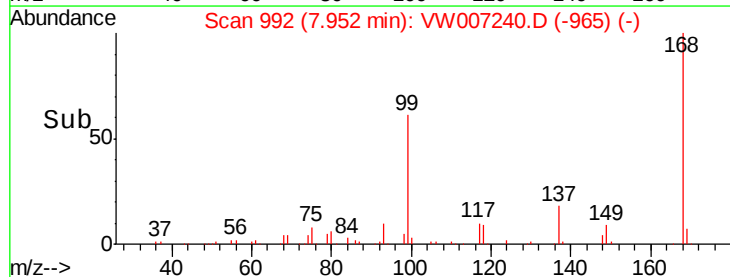
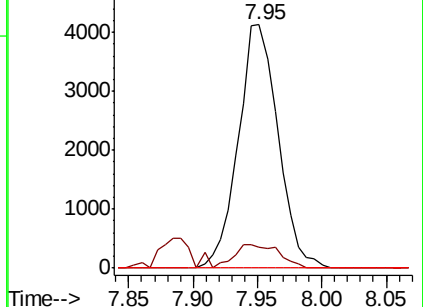
77 0.0 24.9 37.3#

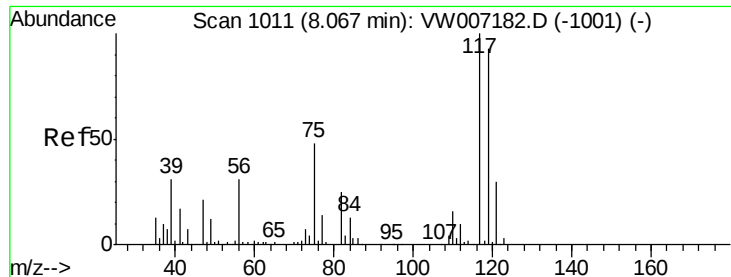


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

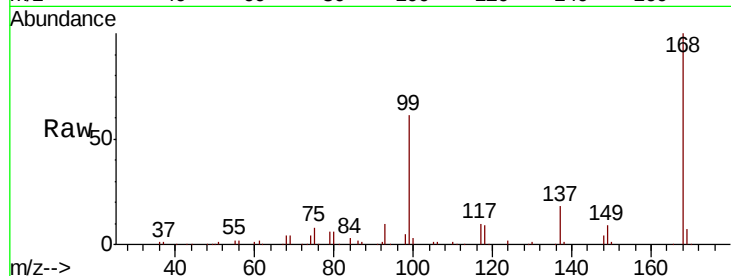




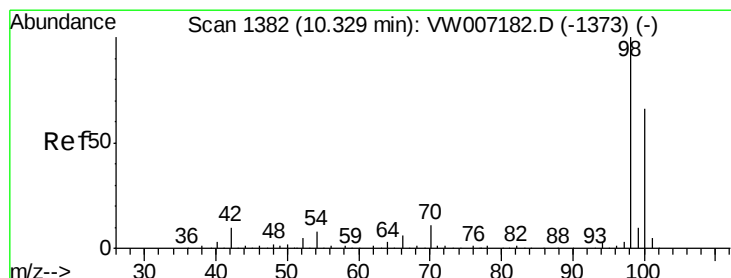
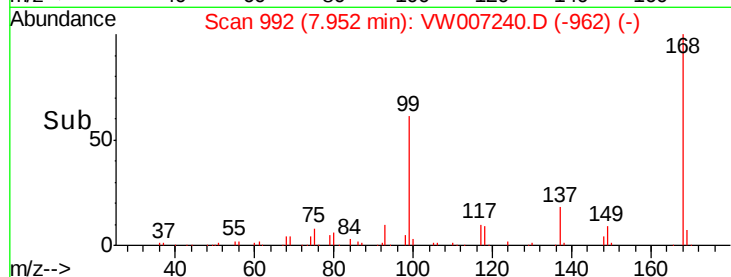
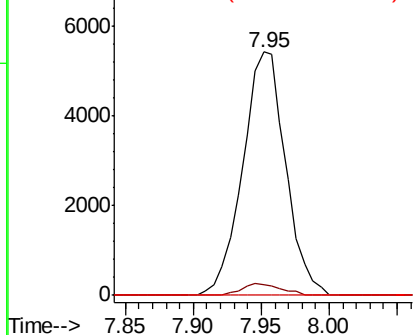
#38
Carbon Tetrachloride
Concen: 6.105 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007240.D
Acq: 05 Dec 2018 19:11

Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-8B-(9.5)

Tot Ion:117 Resp: 11968
Ion Ratio Lower Upper
117 100
119 4.4 74.1 111.1#
121 0.0 23.9 35.9#

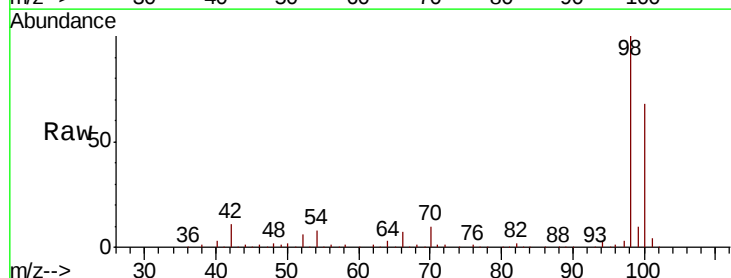


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

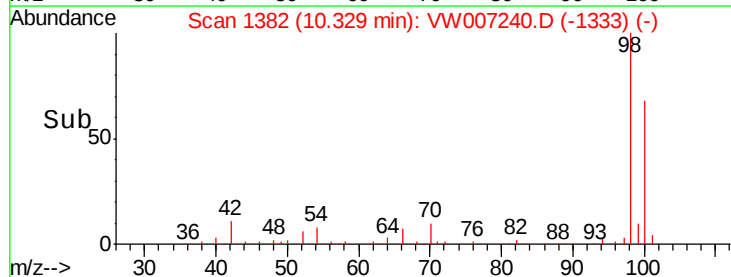
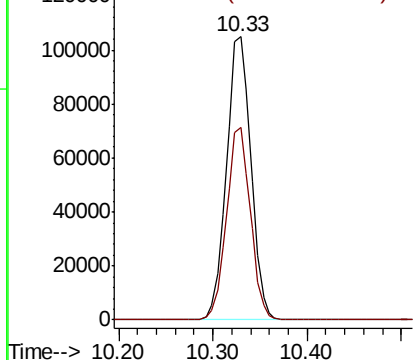


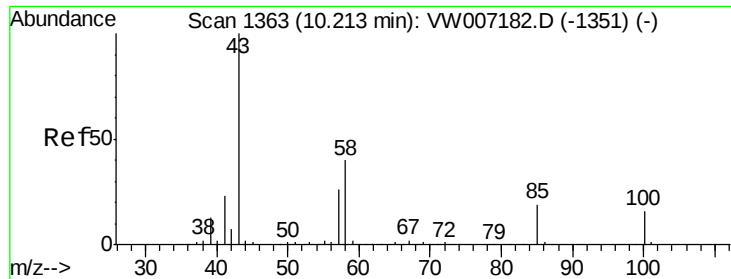
#50
Toluene-d8
Concen: 38.039 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW007240.D
Acq: 05 Dec 2018 19:11

Tgt Ion: 98 Resp: 189394
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): V





#51

4-Methyl-2-Pentanone

Concen: 1.280 ug/l

RT: 10.32 min Scan# 1380

Delta R.T. 0.10 min

Lab File: VW007240.D

Acq: 05 Dec 2018 19:11

Instrument :

MSVOA_W

ClientSampleId :

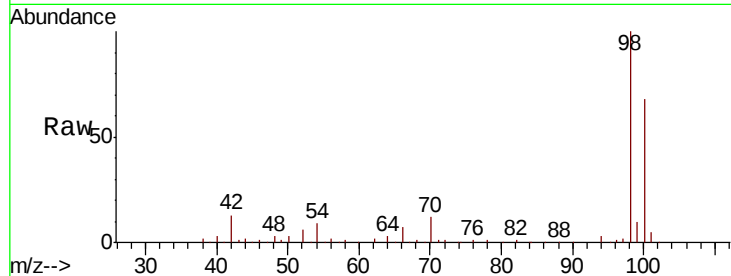
HLSP-SB-8B-(9.5)

Tot Ion: 43 Resp: 851

Ion Ratio Lower Upper

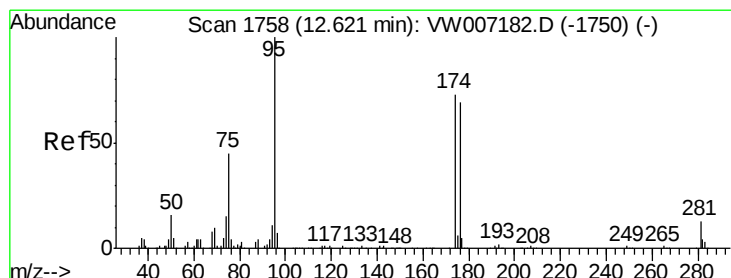
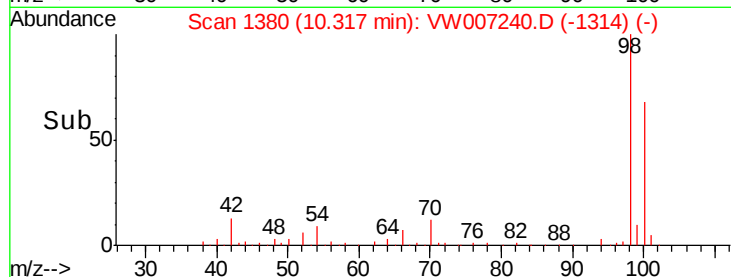
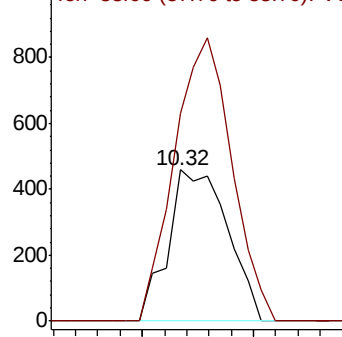
43 100

58 181.3 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: 40.122 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007240.D

Acq: 05 Dec 2018 19:11

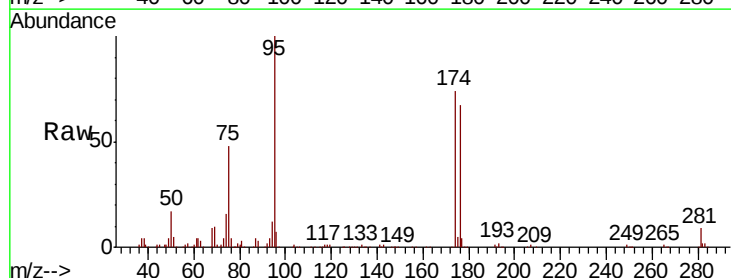
Tgt Ion: 95 Resp: 75400

Ion Ratio Lower Upper

95 100

174 75.9 0.0 148.0

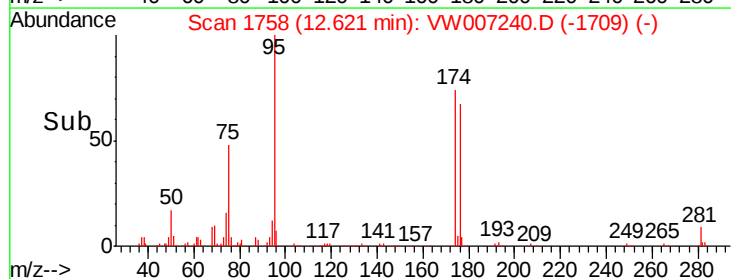
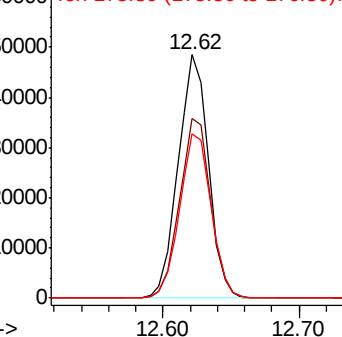
176 70.8 0.0 139.4

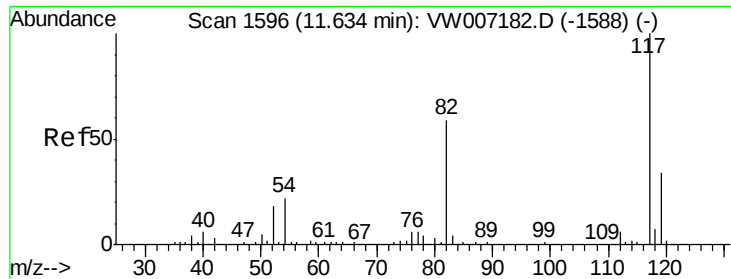


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

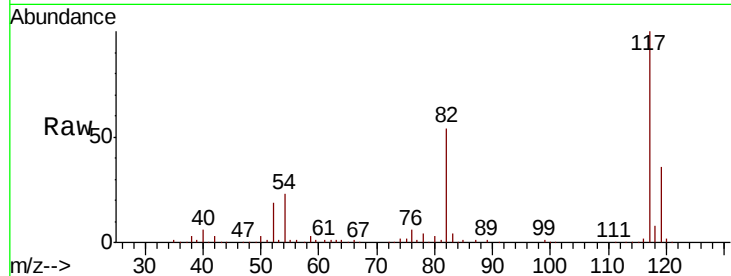




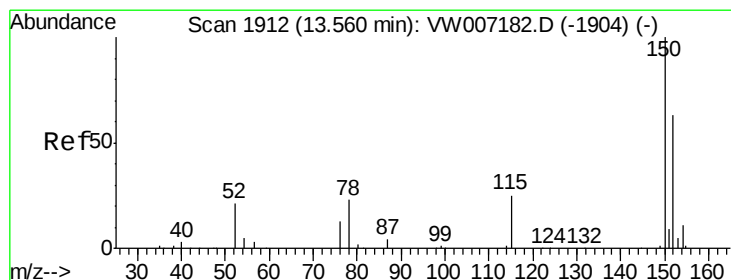
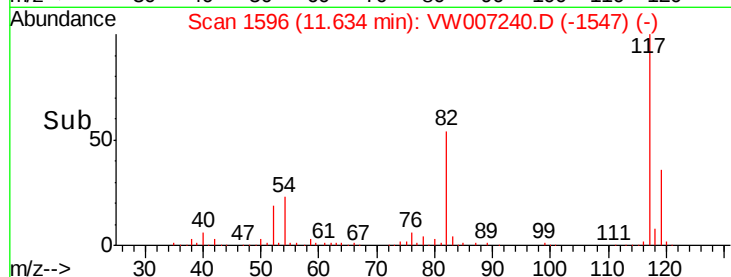
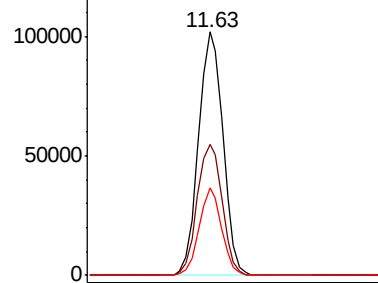
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007240.D
Acq: 05 Dec 2018 19:11

Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-8B-(9.5)

Tot Ion:117 Resp: 176693
Ion Ratio Lower Upper
117 100
82 53.5 47.4 71.2
119 36.0 26.8 40.2

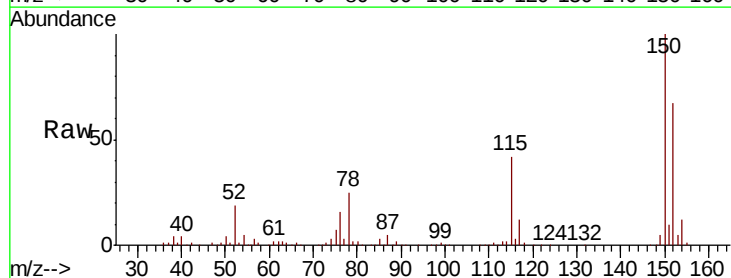


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

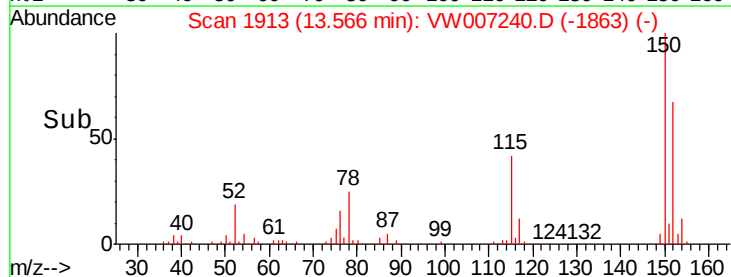
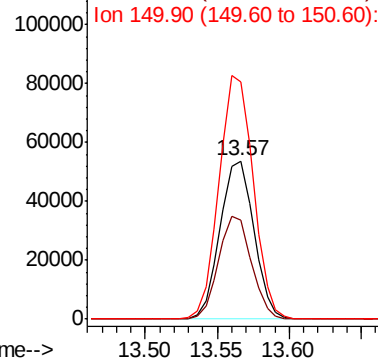


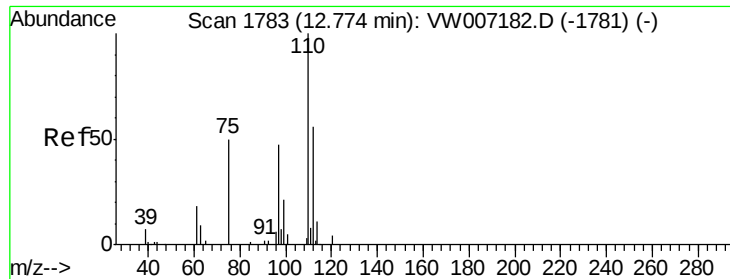
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007240.D
Acq: 05 Dec 2018 19:11

Tgt Ion:152 Resp: 87516
Ion Ratio Lower Upper
152 100
115 62.9 31.3 93.8
150 155.4 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: 55.550 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007240.D

Acq: 05 Dec 2018 19:11

Instrument :

MSVOA_W

ClientSampleId :

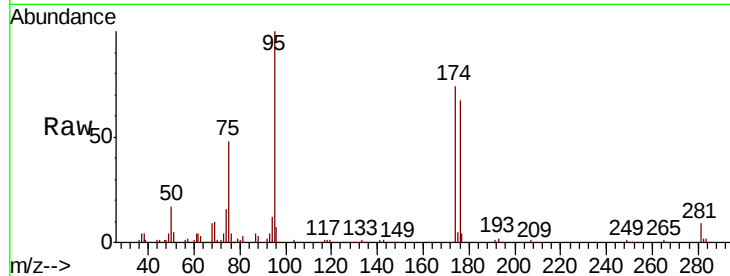
HLSP-SB-8B-(9.5)

Tot Ion: 75 Resp: 37643

Ion Ratio Lower Upper

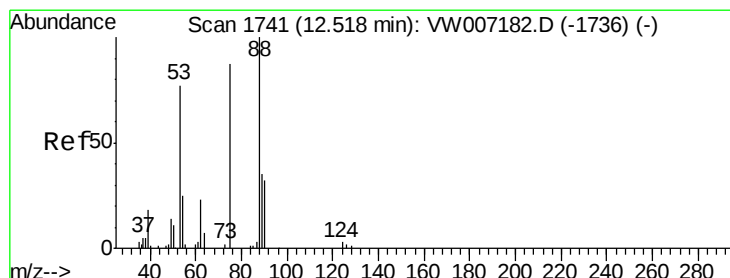
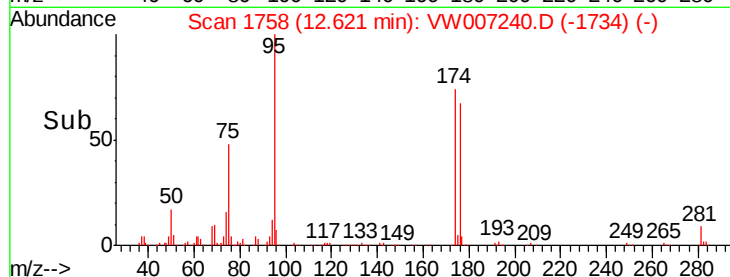
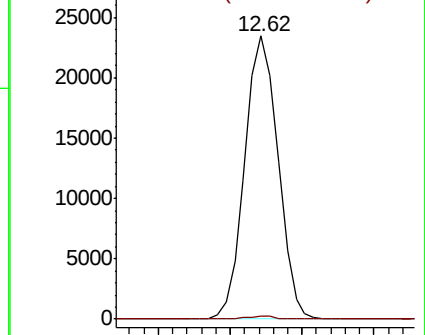
75 100

77 1.0 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: 119.730 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007240.D

Acq: 05 Dec 2018 19:11

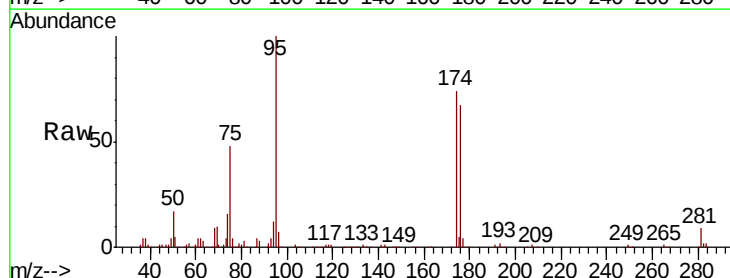
Tgt Ion: 75 Resp: 37643

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

