

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120518\
 Data File : VW007250.D
 Acq On : 05 Dec 2018 23:26
 Operator : SY/AP
 Sample : J6206-04MS
 Misc : 5.65G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Dec 06 06:24:23 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	94329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	154007	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	138196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	61644	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	46439	52.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.76%	
35) Dibromofluoromethane	7.89	113	44397	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
50) Toluene-d8	10.33	98	188867	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
62) 4-Bromofluorobenzene	12.62	95	66844	45.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	46096	44.665	ug/l	100
3) Chloromethane	2.21	50	58747	44.950	ug/l	97
4) Vinyl Chloride	2.36	62	39539	48.318	ug/l	98
5) Bromomethane	2.76	94	24821	60.531	ug/l	89
6) Chloroethane	2.92	64	22975	50.039	ug/l	94
7) Trichlorofluoromethane	3.26	101	76304	47.828	ug/l	99
8) Diethyl Ether	3.69	74	23996	53.960	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	45307	47.011	ug/l	99
10) Methyl Iodide	4.28	142	33567	40.886	ug/l	99
11) Tert butyl alcohol	5.17	59	15895	184.663	ug/l	98
12) 1,1-Dichloroethene	4.04	96	43496	48.159	ug/l	98
13) Acrolein	3.90	56	8780	142.676	ug/l	98
14) Allyl chloride	4.67	41	70495	48.694	ug/l	98
15) Acrylonitrile	5.37	53	47250	254.158	ug/l	99
16) Acetone	4.12	43	40139	193.060	ug/l	100
17) Carbon Disulfide	4.38	76	140774	47.285	ug/l	98
18) Methyl Acetate	4.68	43	72425	152.611	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	113620	53.432	ug/l	99
20) Methylene Chloride	4.92	84	71993	70.945	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	49756	49.338	ug/l	99
22) Diisopropyl ether	6.32	45	140392	54.021	ug/l	99
23) Vinyl Acetate	6.26	43	88463	62.383	ug/l	99
24) 1,1-Dichloroethane	6.22	63	86796	52.108	ug/l	100
25) 2-Butanone	7.17	43	54325	225.406	ug/l	94
26) 2,2-Dichloropropane	7.17	77	74554	46.575	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	55052	50.923	ug/l	99
28) Bromochloromethane	7.52	49	33776	56.235	ug/l	99
29) Tetrahydrofuran	7.53	42	37736	253.375	ug/l	99
30) Chloroform	7.68	83	91414	52.806	ug/l	99
31) Cyclohexane	7.96	56	79368	45.540	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	84975	52.160	ug/l	99
36) 1,1-Dichloropropene	8.09	75	71572	47.762	ug/l	99
37) Ethyl Acetate	7.26	43	15600	28.780	ug/l	98
38) Carbon Tetrachloride	8.07	117	74055	48.418	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120518\
 Data File : VW007250.D
 Acq On : 05 Dec 2018 23:26
 Operator : SY/AP
 Sample : J6206-04MS
 Misc : 5.65G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Dec 06 06:24:23 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)
39) Methylcyclohexane	9.34	83	87234	43.486	ug/l	99
40) Benzene	8.33	78	212545	51.725	ug/l	99
41) Methacrylonitrile	7.48	41	16092	49.563	ug/l	100
42) 1,2-Dichloroethane	8.40	62	59474	51.788	ug/l	100
43) Isopropyl Acetate	8.43	43	34592	32.858	ug/l	92
44) Trichloroethene	9.09	130	56928	49.287	ug/l	99
45) 1,2-Dichloropropane	9.37	63	48102	50.304	ug/l	100
46) Dibromomethane	9.46	93	25424	51.167	ug/l	95
47) Bromodichloromethane	9.65	83	66768	51.084	ug/l	96
48) Methyl methacrylate	9.44	41	33685	61.649	ug/l	97
49) 1,4-Dioxane	9.45	88	7993	920.852	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	137176	264.406	ug/l	99
52) Toluene	10.39	92	142344	49.799	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	63949	48.665	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	76896	49.933	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	36526	51.680	ug/l	94
56) Ethyl methacrylate	10.65	69	27294	29.605	ug/l	96
57) 1,3-Dichloropropane	10.93	76	59609	49.955	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	97226	262.552	ug/l	99
59) 2-Hexanone	10.97	43	91168	242.408	ug/l	99
60) Dibromochloromethane	11.13	129	43511	50.090	ug/l	98
61) 1,2-Dibromoethane	11.24	107	35982	53.079	ug/l	96
64) Tetrachloroethene	10.87	164	46782	46.333	ug/l	94
65) Chlorobenzene	11.66	112	150538	48.774	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.73	131	48931	51.333	ug/l	98
67) Ethyl Benzene	11.74	91	265096	47.126	ug/l	97
68) m/p-Xylenes	11.85	106	212158	96.137	ug/l	99
69) o-Xylene	12.17	106	98918	47.976	ug/l	89
70) Styrene	12.18	104	163690	48.499	ug/l	98
71) Bromoform	12.35	173	23841	49.964	ug/l #	95
73) Isopropylbenzene	12.47	105	264972	52.849	ug/l	98
74) N-amyl acetate	12.27	43	22111	24.874	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	37782	58.024	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	53855	112.829	ug/l #	100
77) Bromobenzene	12.75	156	60894	56.267	ug/l	97
78) n-propylbenzene	12.81	91	299688	50.172	ug/l	98
79) 2-Chlorotoluene	12.90	91	180569	53.532	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	224623	52.370	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11608	52.417	ug/l	92
82) 4-Chlorotoluene	12.99	91	182964	50.987	ug/l	99
83) tert-Butylbenzene	13.21	119	190317	50.775	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	226941	51.834	ug/l	99
85) sec-Butylbenzene	13.39	105	253111	47.302	ug/l	98
86) p-Isopropyltoluene	13.51	119	224014	47.027	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	112004	50.415	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	118193	52.668	ug/l	95
89) n-Butylbenzene	13.83	91	204830	46.016	ug/l	99
90) Hexachloroethane	14.10	117	36799	50.695	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	100534	52.272	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6997	55.471	ug/l	98

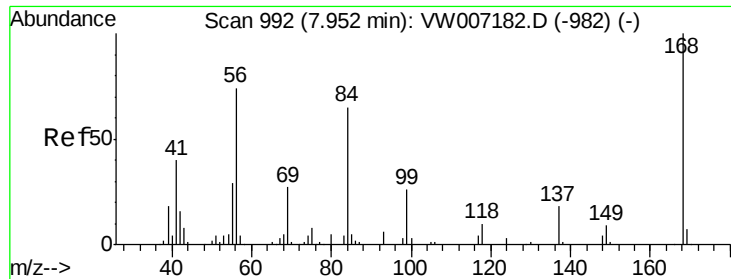
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120518\
Data File : VW007250.D
Acq On : 05 Dec 2018 23:26
Operator : SY/AP
Sample : J6206-04MS
Misc : 5.65G/5ML/MSVOA W/SOIL
ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Dec 06 06:24:23 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	57643	43.248	ug/l	98
94) Hexachlorobutadiene	15.24	225	28487	39.634	ug/l	97
95) Naphthalene	15.38	128	117781	49.307	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	48052	42.755	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

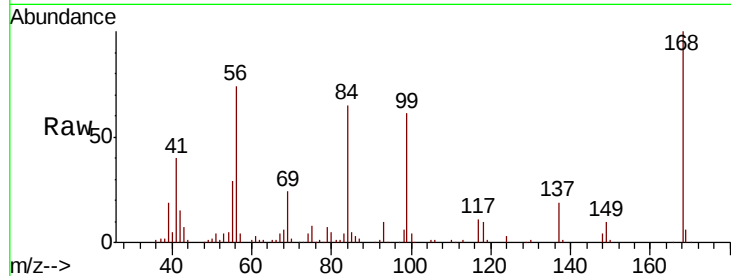
HLSP-SB-5B-(8.5)MS

Tot Ion:168 Resp: 94329

Ion Ratio Lower Upper

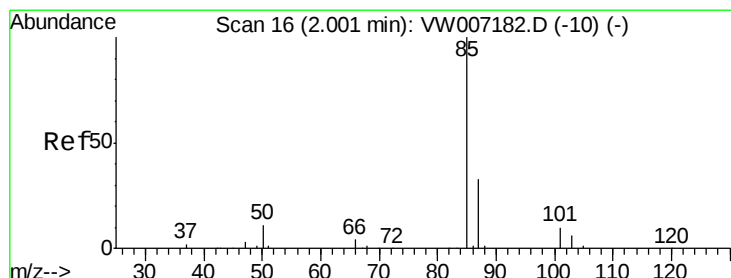
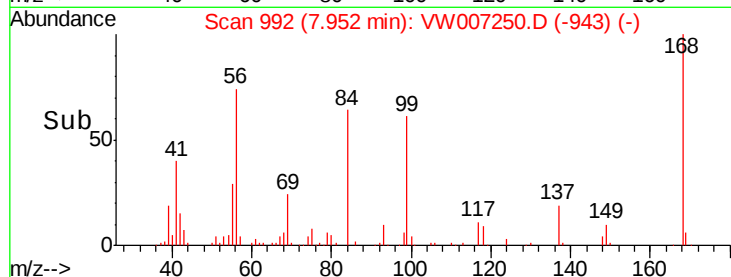
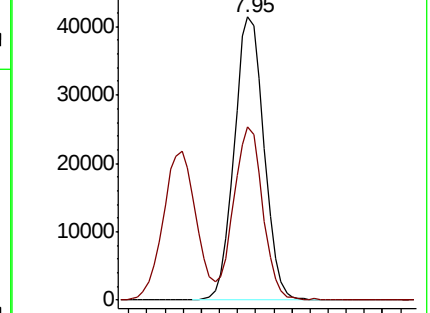
168 100

99 61.3 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 44.665 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW007250.D

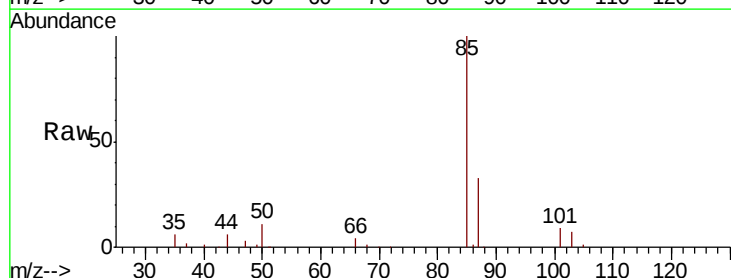
Acq: 05 Dec 2018 23:26

Tgt Ion: 85 Resp: 46096

Ion Ratio Lower Upper

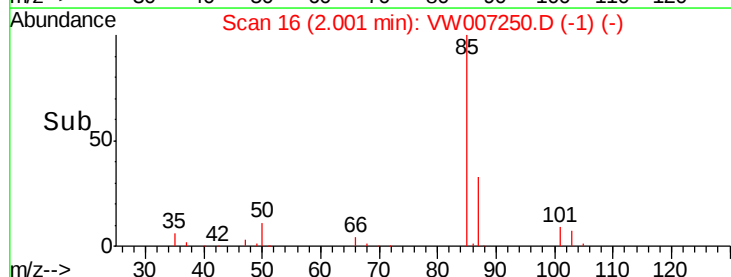
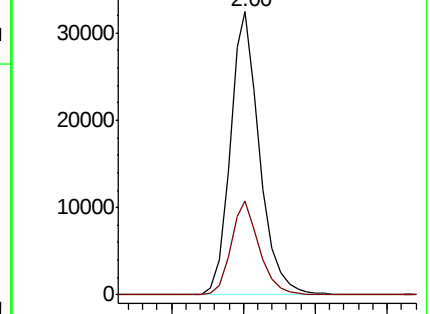
85 100

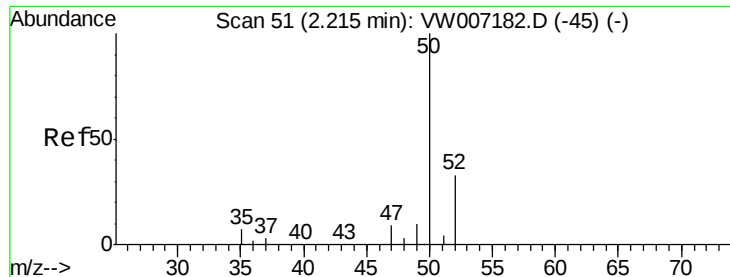
87 33.2 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 44.950 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

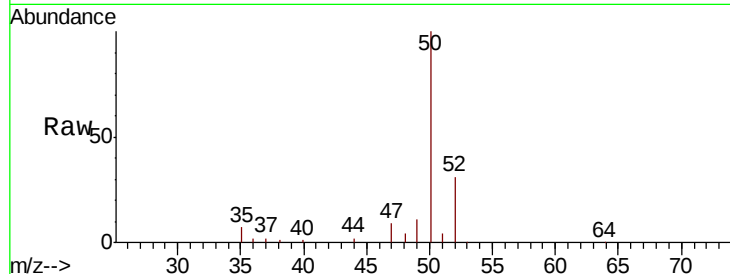
HLSP-SB-5B-(8.5)MS

Tot Ion: 50 Resp: 58747

Ion Ratio Lower Upper

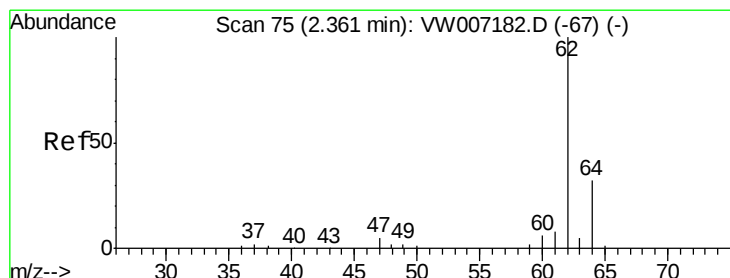
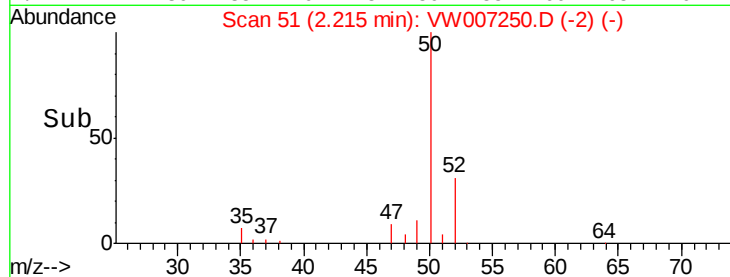
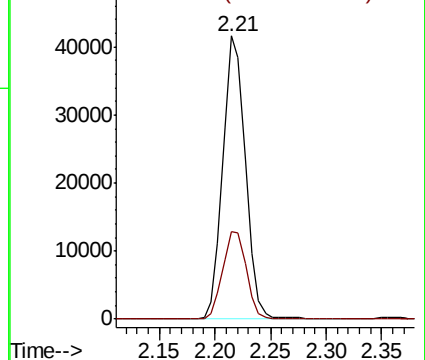
50 100

52 31.1 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 48.318 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW007250.D

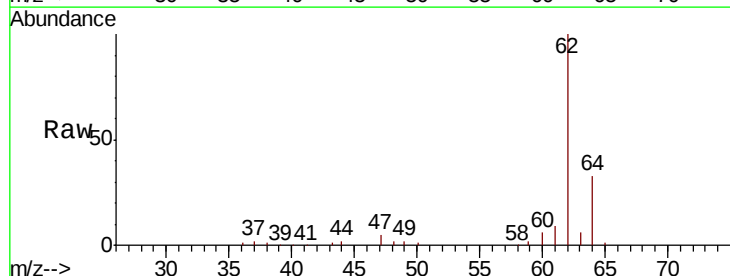
Acq: 05 Dec 2018 23:26

Tgt Ion: 62 Resp: 39539

Ion Ratio Lower Upper

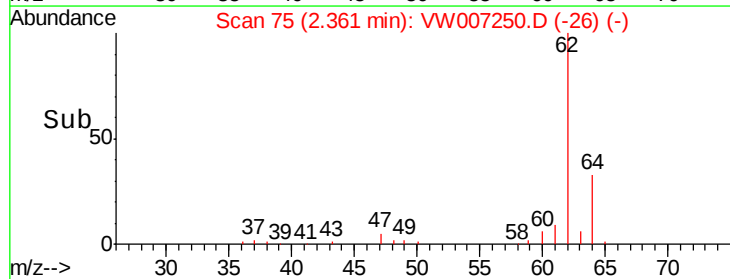
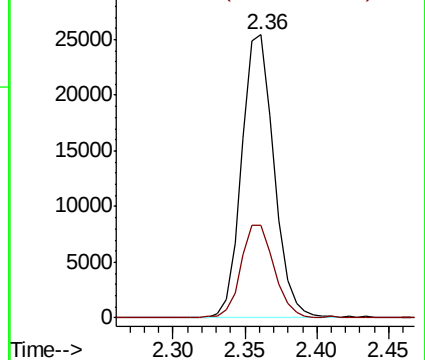
62 100

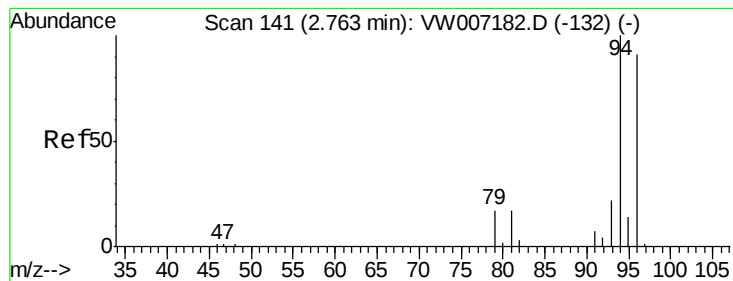
64 32.9 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 60.531 ug/l

RT: 2.76 min Scan# 141

Delta R.T. 0.00 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

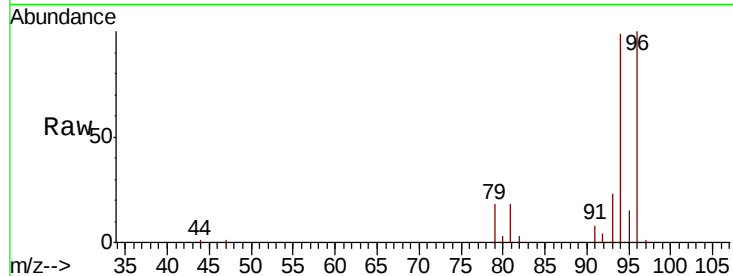
HLSP-SB-5B-(8.5)MS

Tot Ion: 94 Resp: 24821

Ion Ratio Lower Upper

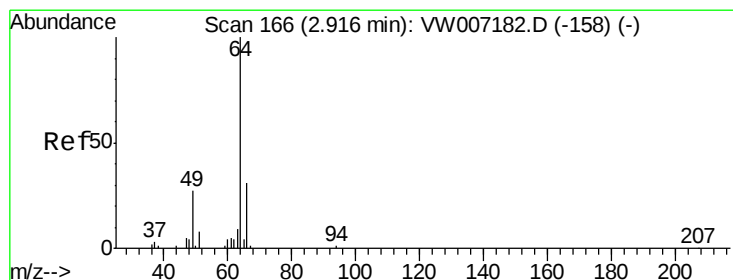
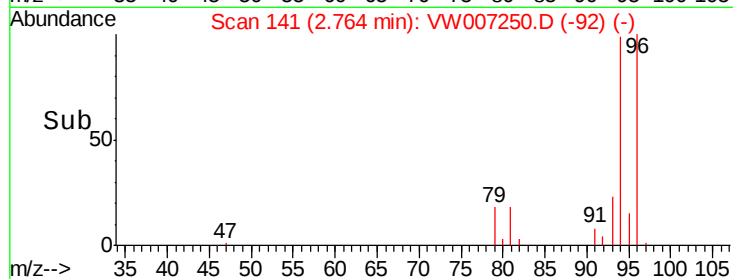
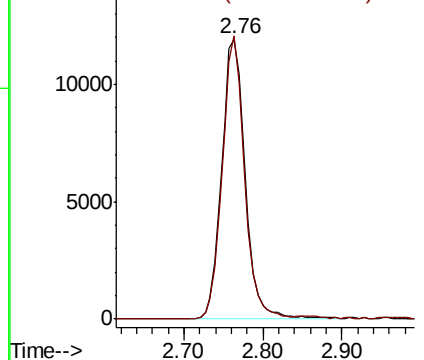
94 100

96 101.3 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 50.039 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW007250.D

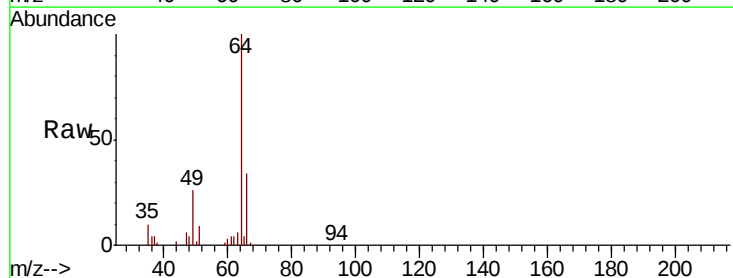
Acq: 05 Dec 2018 23:26

Tgt Ion: 64 Resp: 22975

Ion Ratio Lower Upper

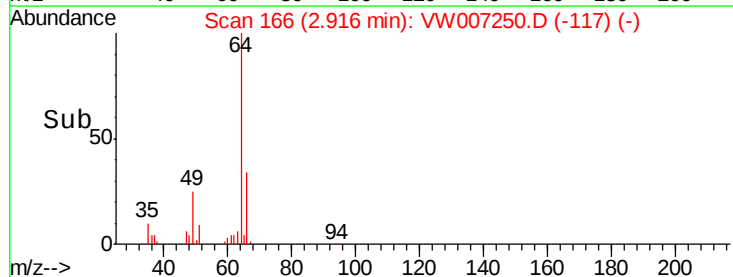
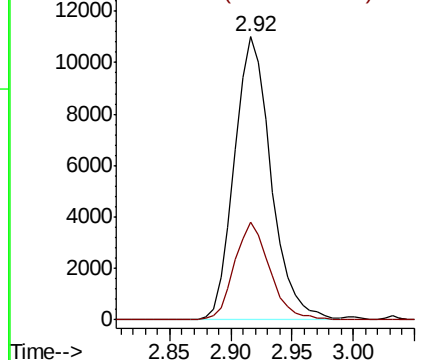
64 100

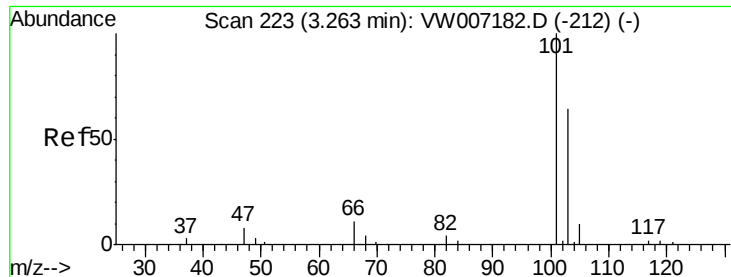
66 34.4 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



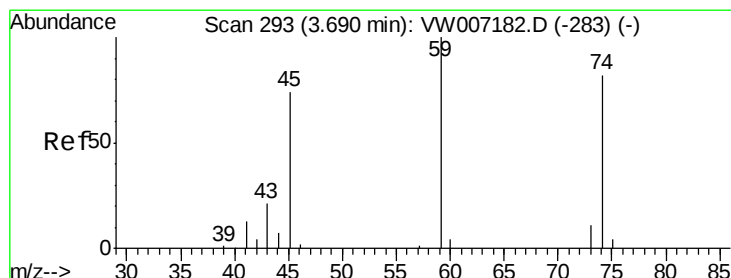
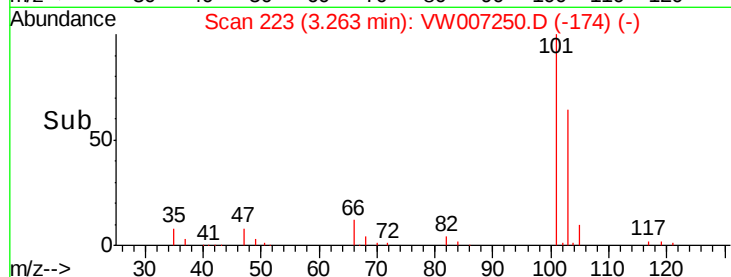
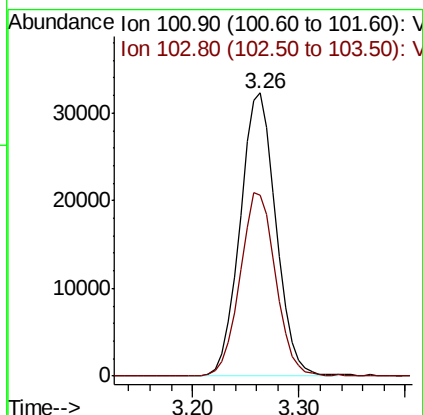
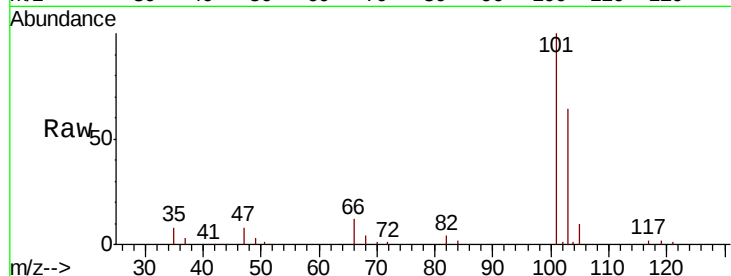


#7

Trichlorofluoromethane
 Concen: 47.828 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

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

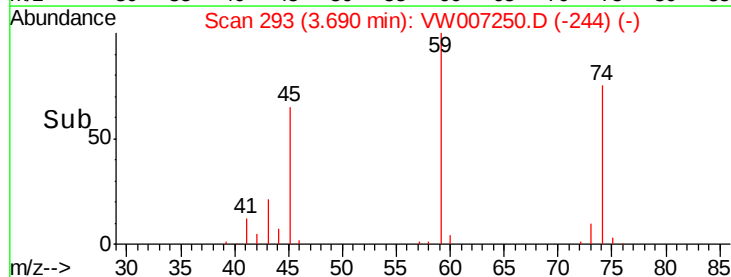
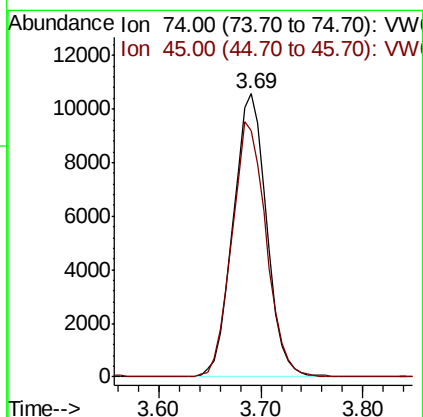
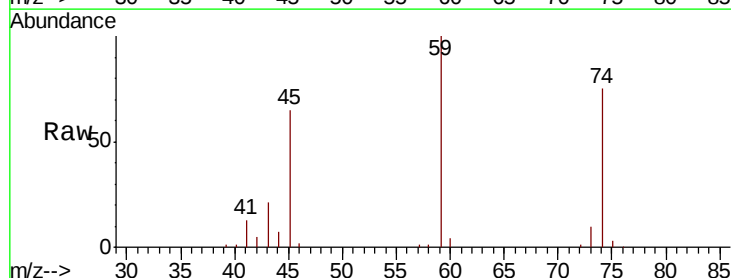
Tot Ion:101 Resp: 76304
 Ion Ratio Lower Upper
 101 100
 103 64.0 50.9 76.3

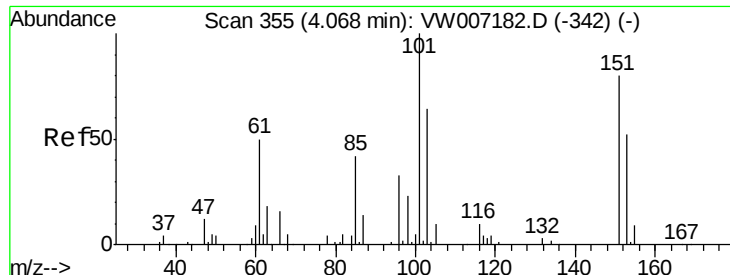


#8

Diethyl Ether
 Concen: 53.960 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

Tgt Ion: 74 Resp: 23996
 Ion Ratio Lower Upper
 74 100
 45 92.2 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.011 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-5B-(8.5)MS

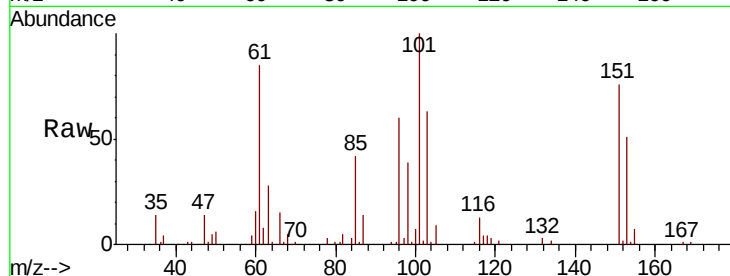
Tot Ion:101 Resp: 45307

Ion Ratio Lower Upper

101 100

85 42.2 33.4 50.2

151 80.6 63.9 95.9

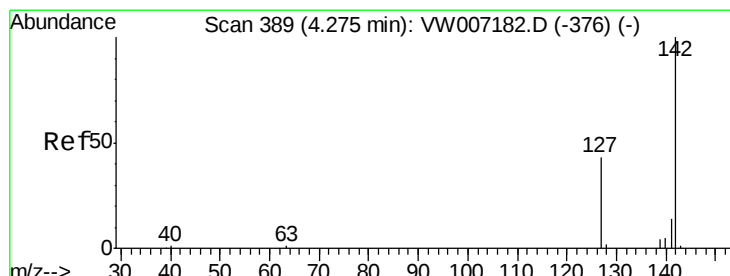
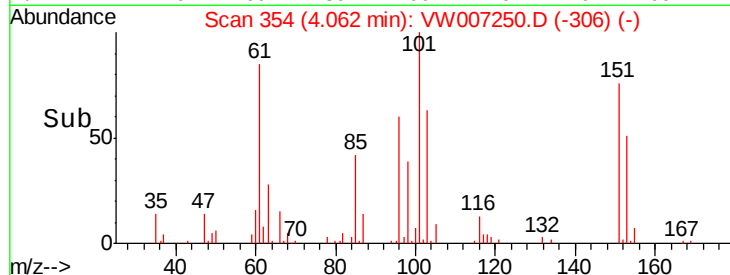
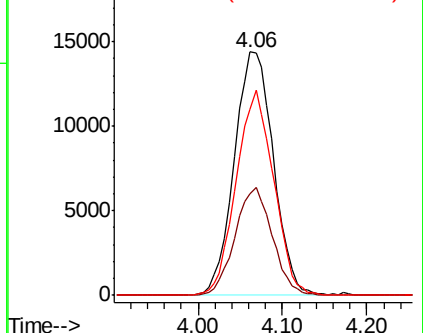


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 40.886 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

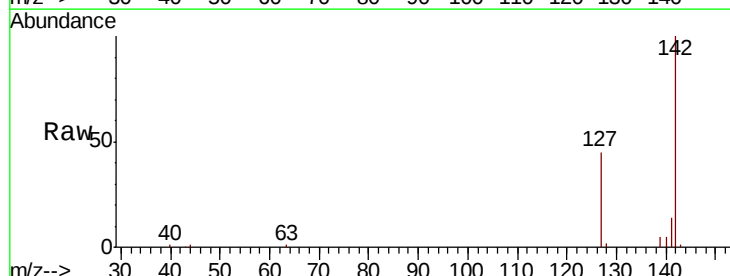
Tgt Ion:142 Resp: 33567

Ion Ratio Lower Upper

142 100

127 43.8 34.9 52.3

141 14.0 11.7 17.5

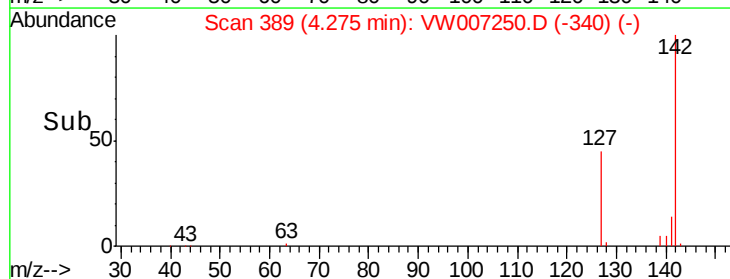
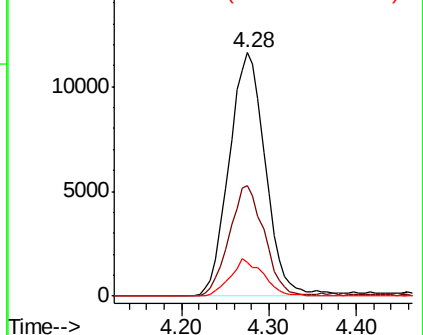


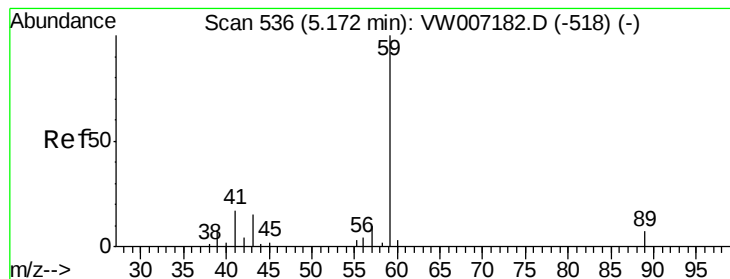
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



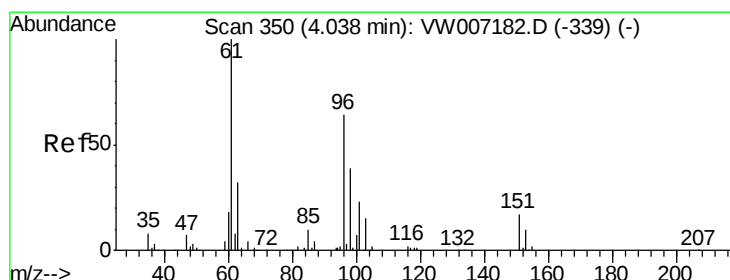
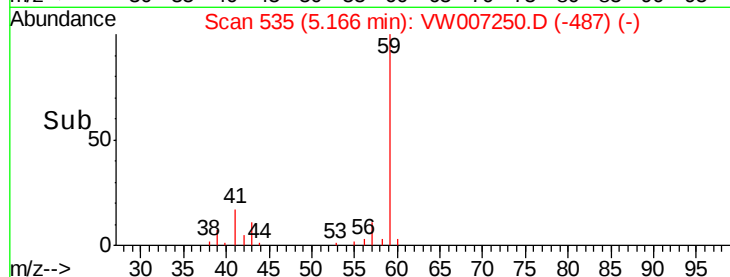
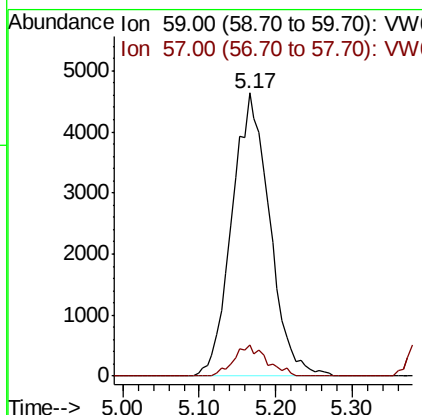
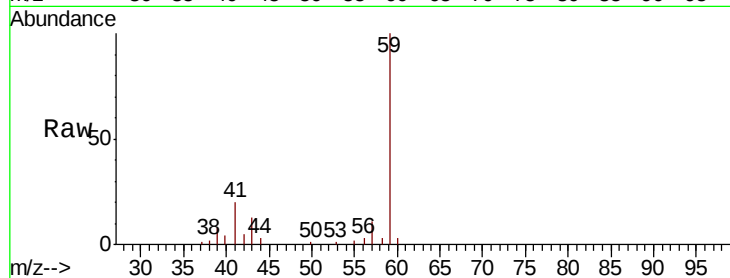


#11

Tert butyl alcohol
 Concen: 184.663 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

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

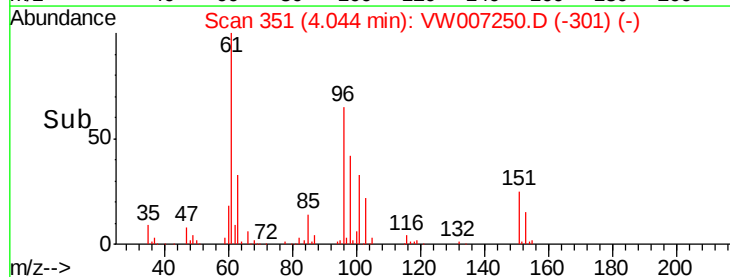
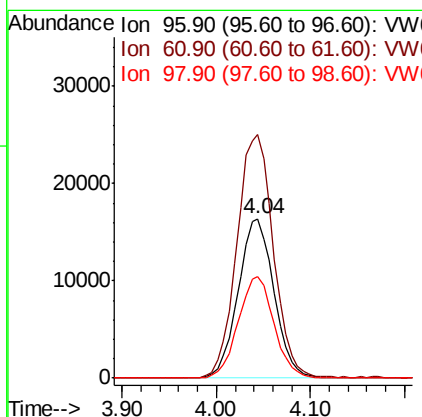
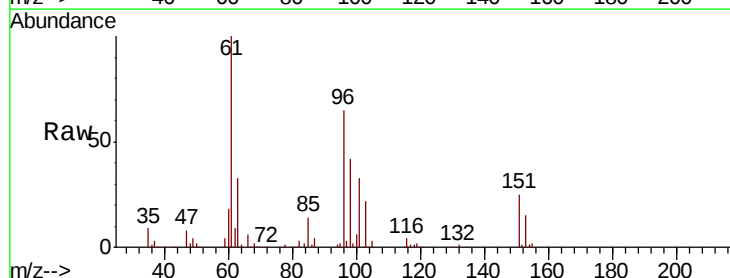
Tot Ion: 59 Resp: 15895
 Ion Ratio Lower Upper
 59 100
 57 9.6 7.1 10.7

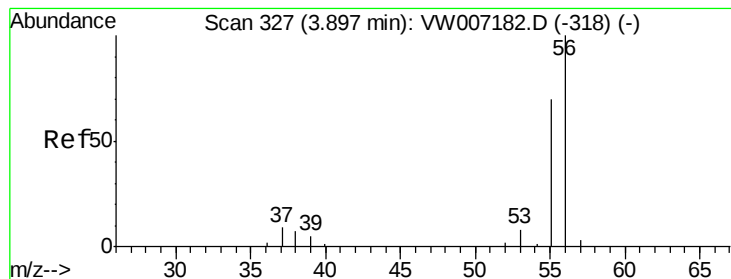


#12

1,1-Dichloroethene
 Concen: 48.159 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.01 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

Tgt Ion: 96 Resp: 43496
 Ion Ratio Lower Upper
 96 100
 61 153.0 124.1 186.1
 98 64.2 48.6 72.8





#13

Acrolein

Concen: 142.676 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

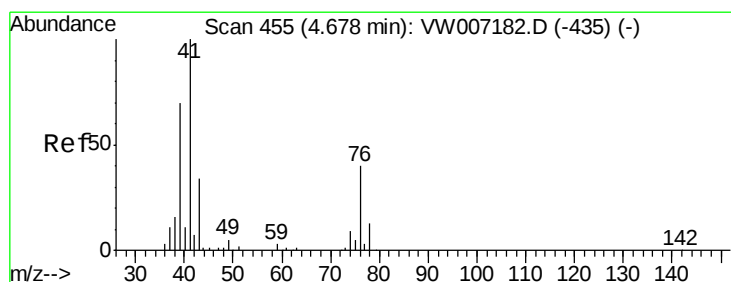
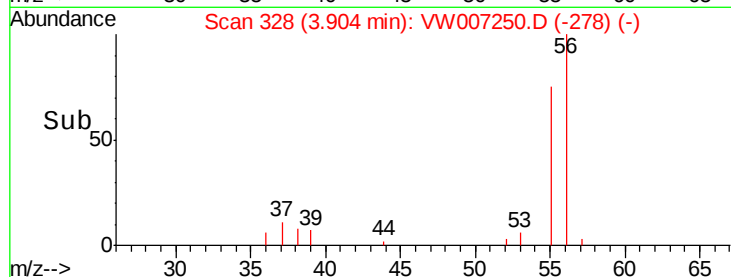
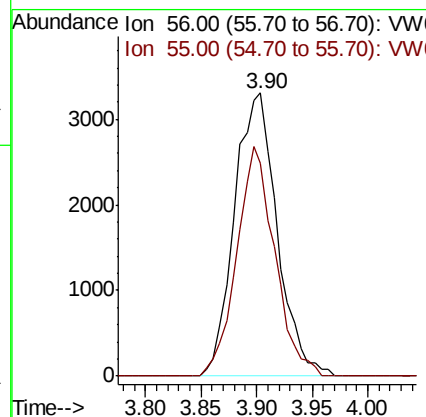
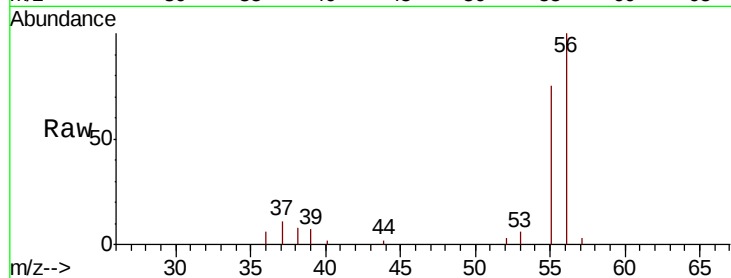
HLSP-SB-5B-(8.5)MS

Tot Ion: 56 Resp: 8780

Ion Ratio Lower Upper

56 100

55 72.6 56.9 85.3



#14

Allyl chloride

Concen: 48.694 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

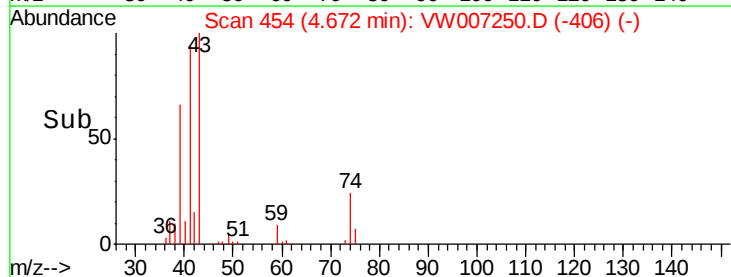
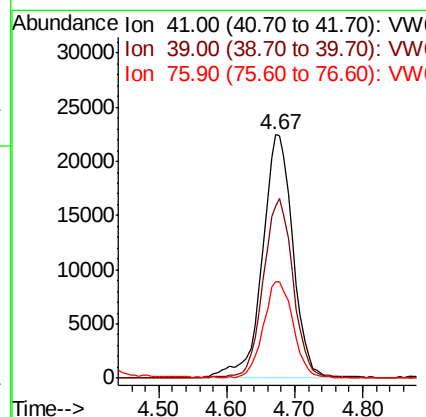
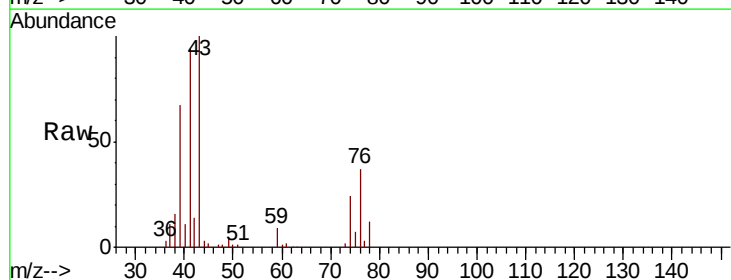
Tgt Ion: 41 Resp: 70495

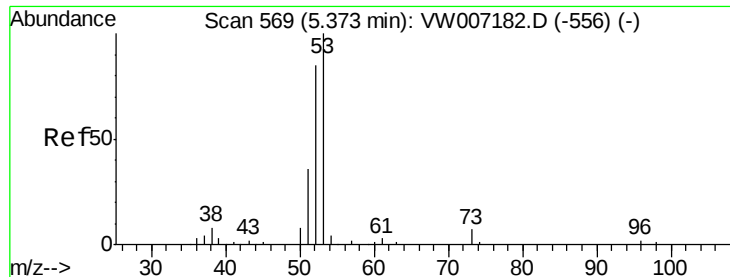
Ion Ratio Lower Upper

41 100

39 72.3 55.9 83.9

76 39.1 30.8 46.2





#15

Acrylonitrile

Concen: 254.158 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-5B-(8.5)MS

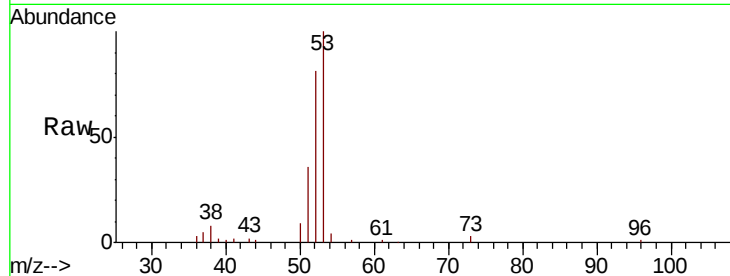
Tot Ion: 53 Resp: 47250

Ion Ratio Lower Upper

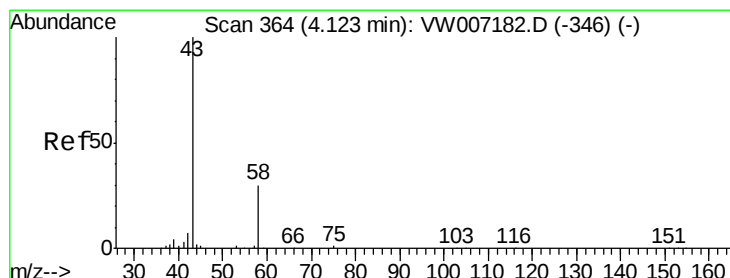
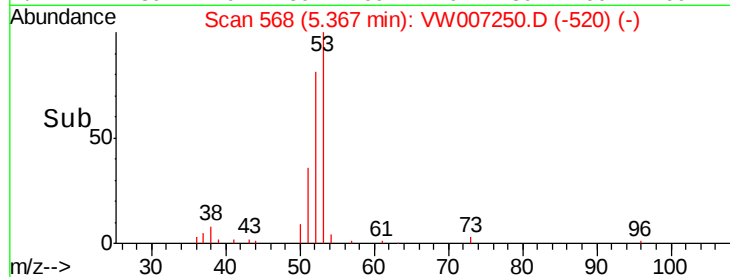
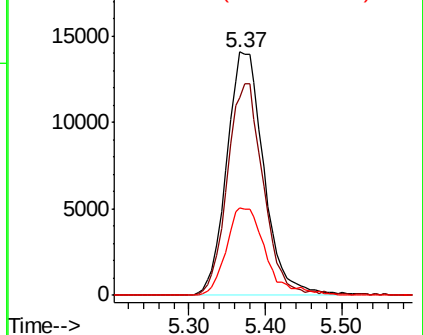
53 100

52 84.2 66.1 99.1

51 38.0 30.3 45.5



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 193.060 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW007250.D

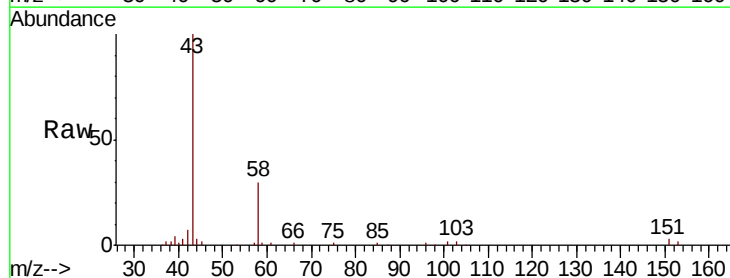
Acq: 05 Dec 2018 23:26

Tgt Ion: 43 Resp: 40139

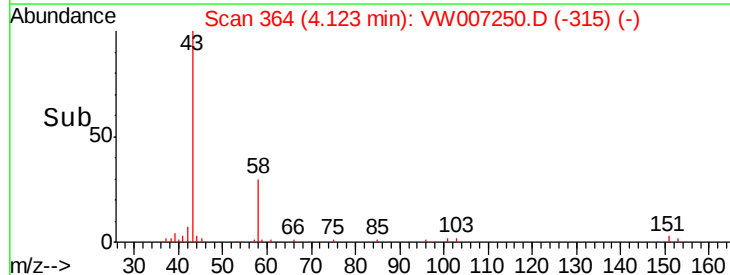
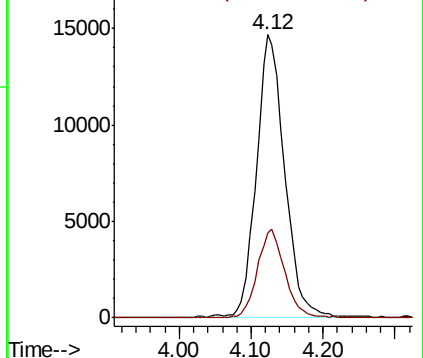
Ion Ratio Lower Upper

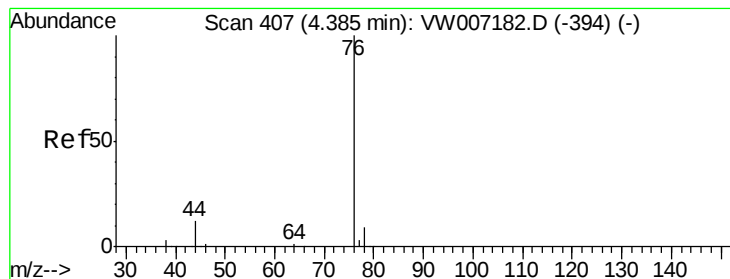
43 100

58 29.9 23.8 35.8



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





#17

Carbon Disulfide

Concen: 47.285 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

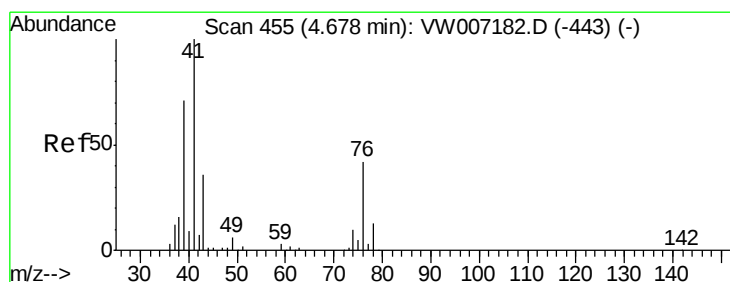
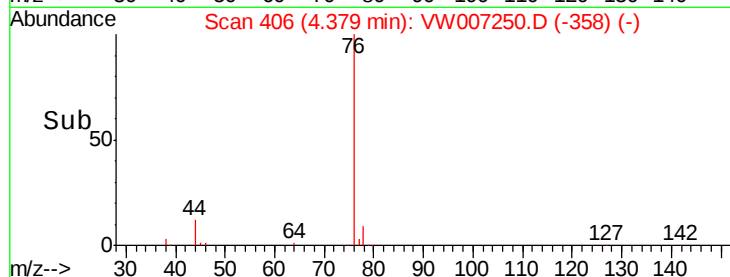
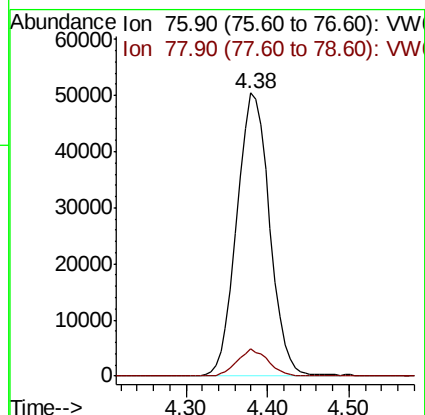
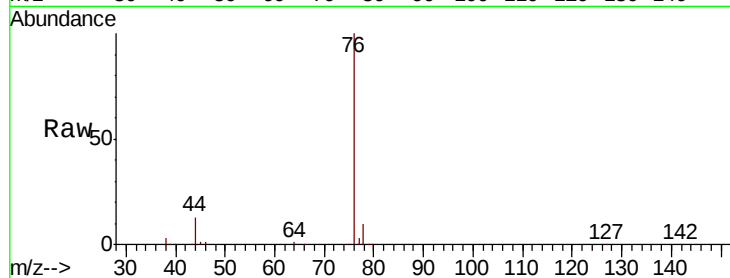
HLSP-SB-5B-(8.5)MS

Tot Ion: 76 Resp: 140774

Ion Ratio Lower Upper

76 100

78 9.8 7.2 10.8



#18

Methyl Acetate

Concen: 152.611 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW007250.D

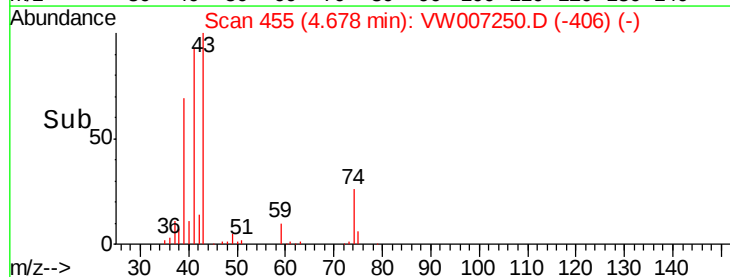
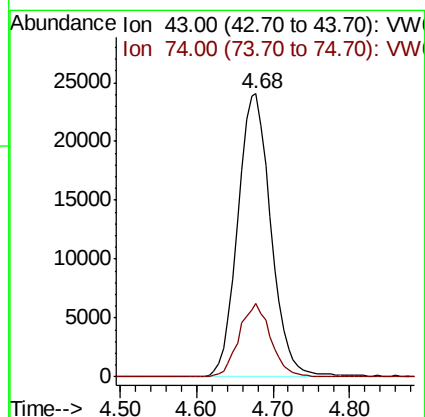
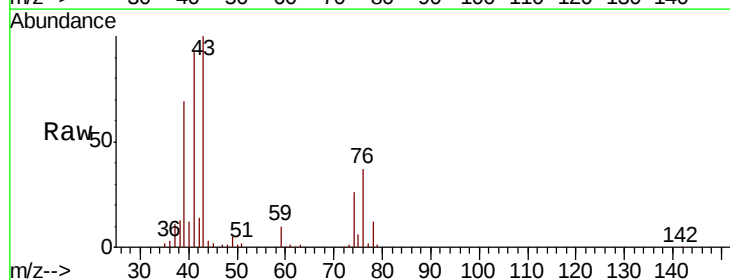
Acq: 05 Dec 2018 23:26

Tgt Ion: 43 Resp: 72425

Ion Ratio Lower Upper

43 100

74 24.6 20.1 30.1

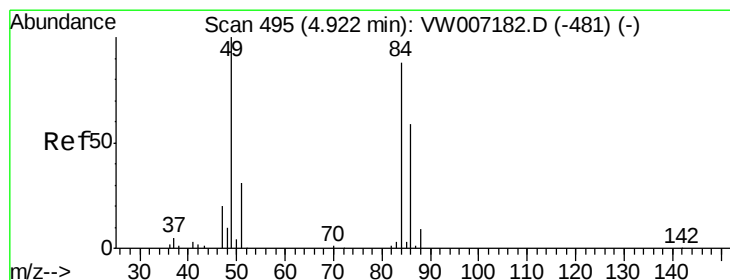
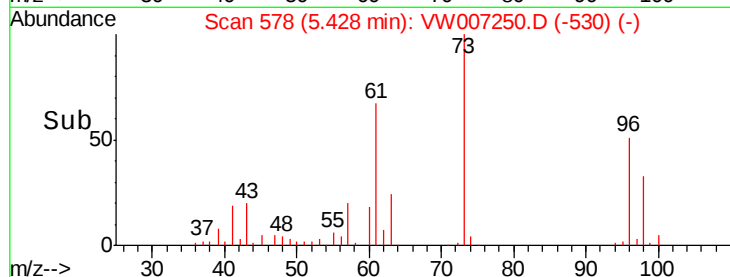
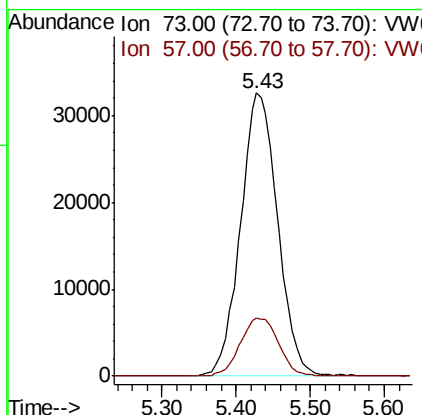
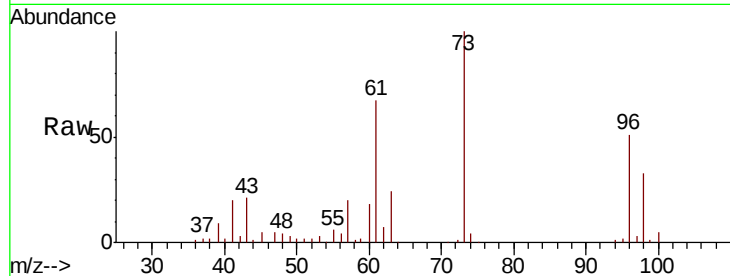




#19
Methyl tert-butyl Ether
Concen: 53.432 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

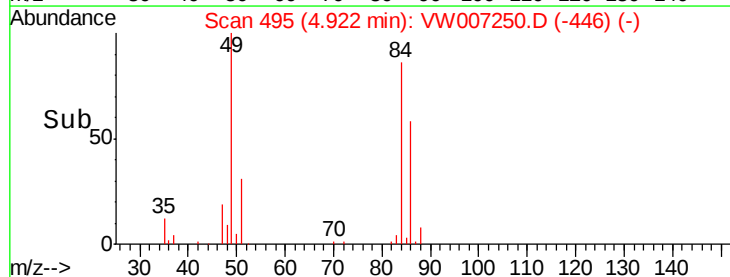
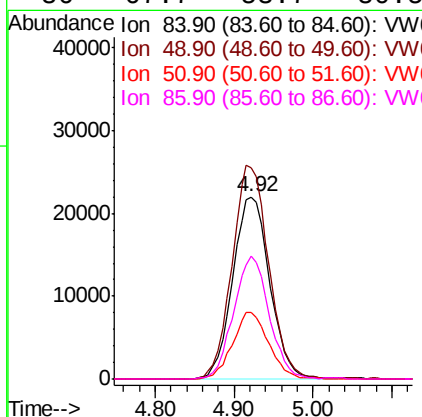
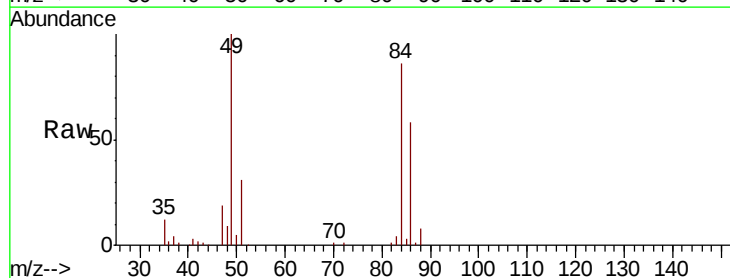
Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-5B-(8.5)MS

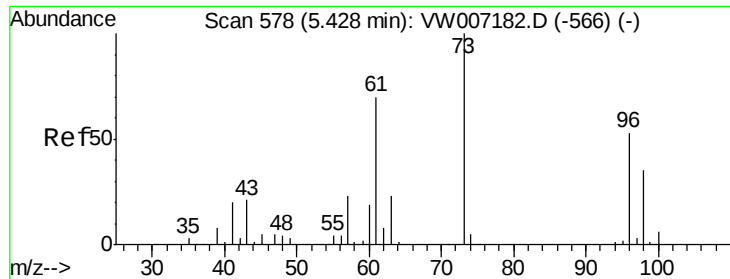
Tot Ion: 73 Resp: 113620
Ion Ratio Lower Upper
73 100
57 20.4 16.6 25.0



#20
Methylene Chloride
Concen: 70.945 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

Tgt Ion: 84 Resp: 71993
Ion Ratio Lower Upper
84 100
49 116.1 90.6 135.8
51 36.5 27.6 41.4
86 67.7 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 49.338 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-5B-(8.5)MS

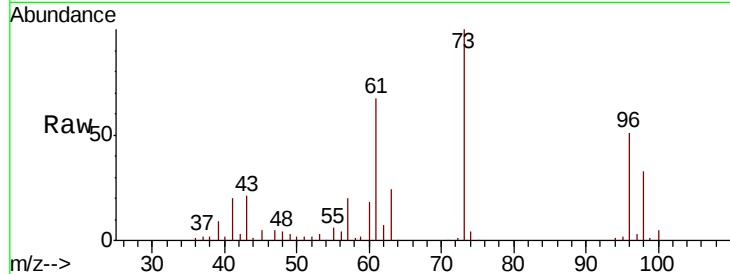
Tot Ion: 96 Resp: 49756

Ion Ratio Lower Upper

96 100

61 131.3 105.5 158.3

98 63.4 52.6 79.0

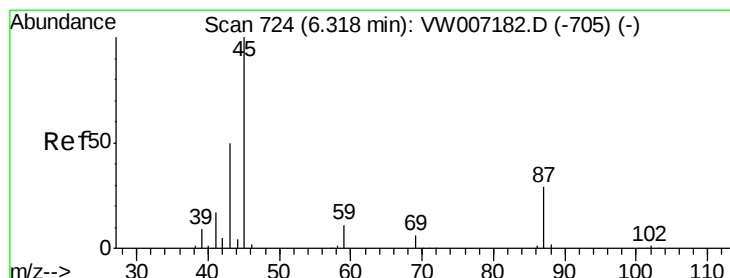
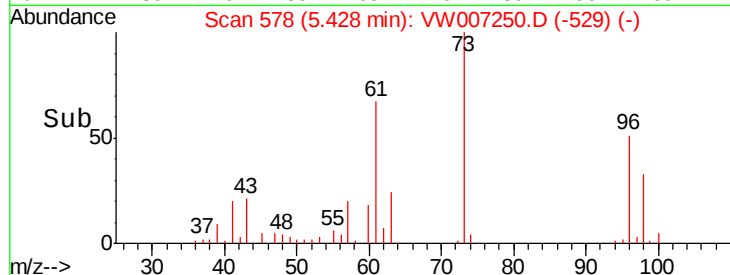
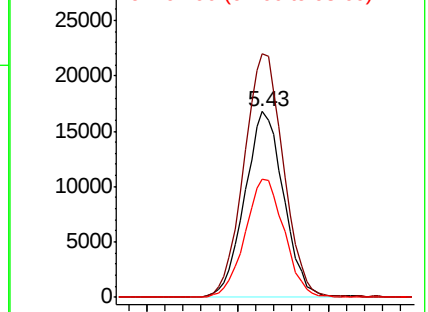


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 54.021 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Tgt Ion: 45 Resp: 140392

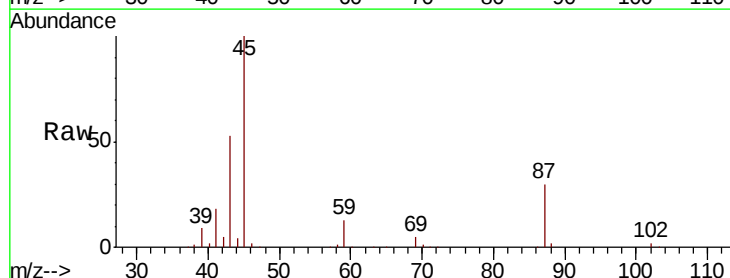
Ion Ratio Lower Upper

45 100

43 52.2 40.8 61.2

87 30.2 24.0 36.0

59 12.5 9.1 13.7



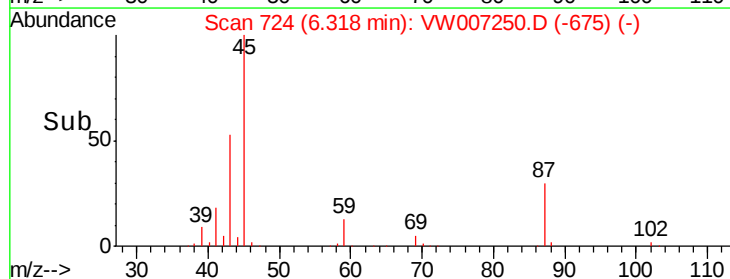
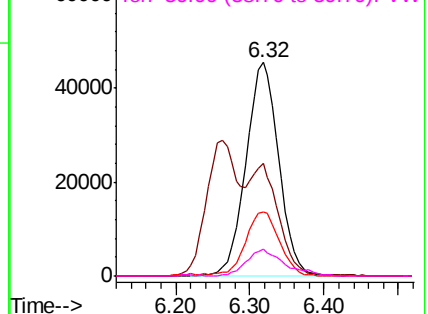
Abundance

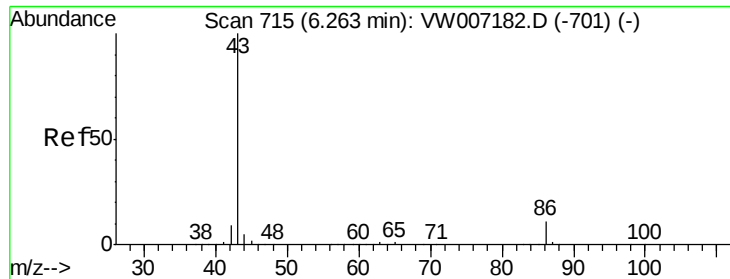
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW

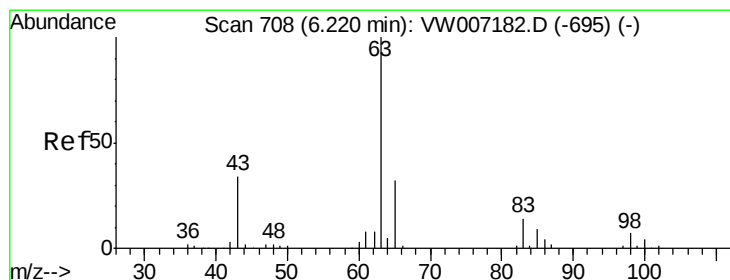
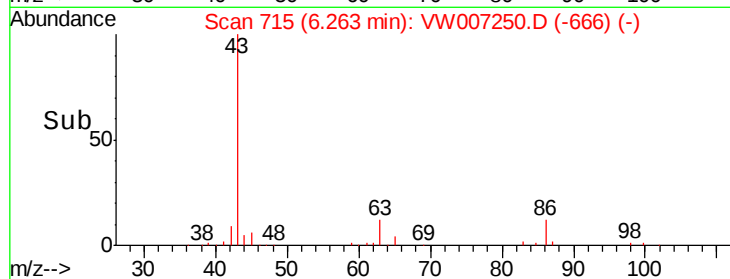
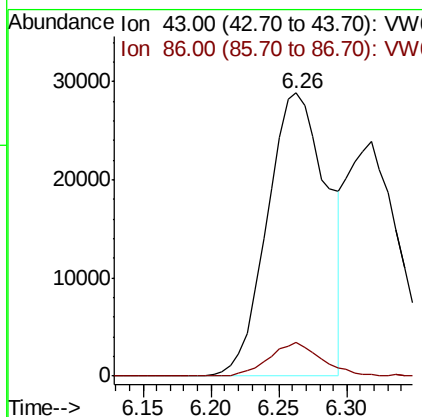
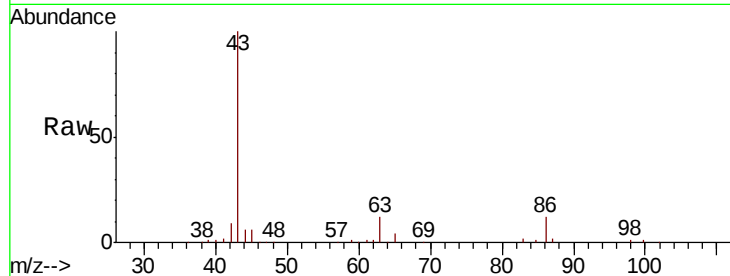




#23
 Vinyl Acetate
 Concen: 62.383 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

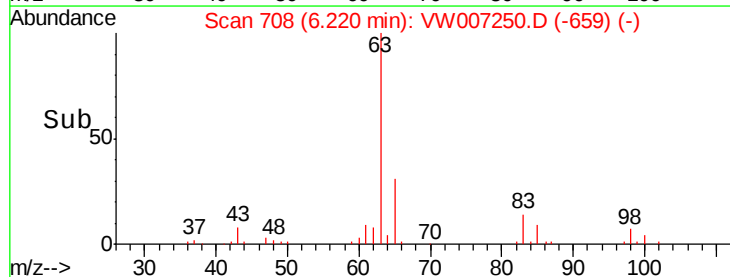
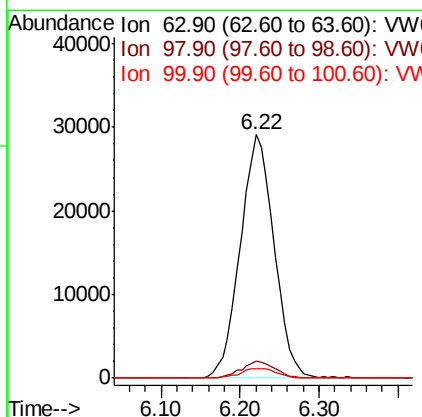
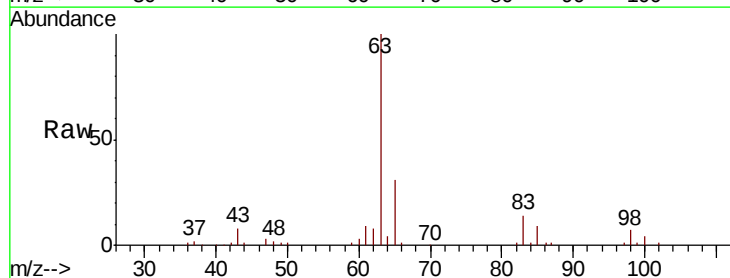
Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-5B-(8.5)MS

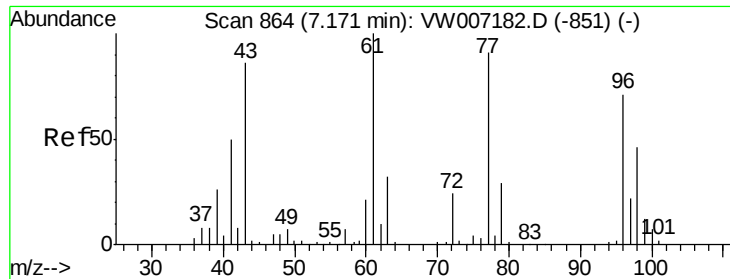
Tot Ion: 43 Resp: 88463
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 52.108 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

Tgt Ion: 63 Resp: 86796
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.5
 100 4.0 2.1 6.2

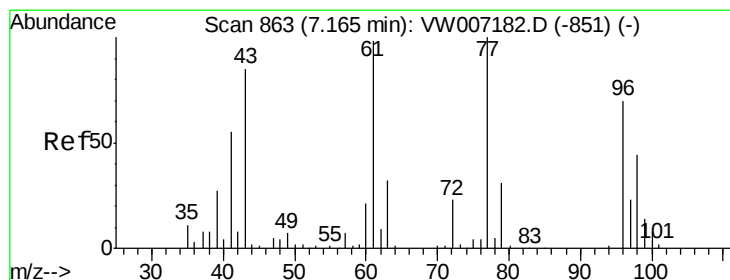
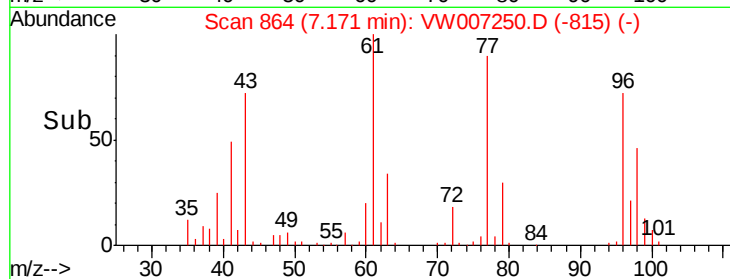
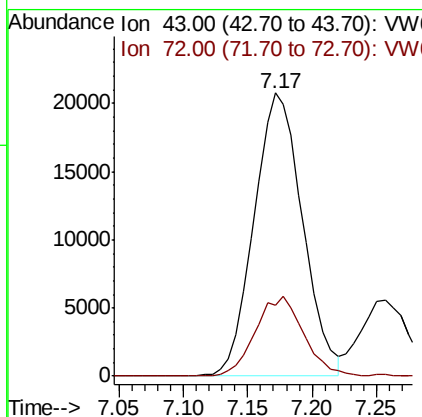
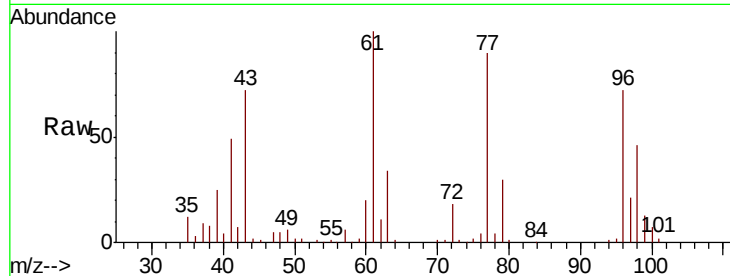




#25
2-Butanone
Concen: 225.406 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

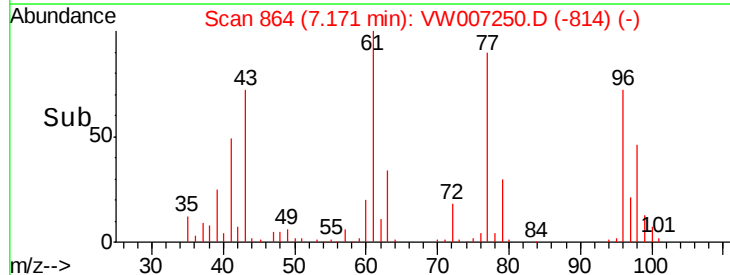
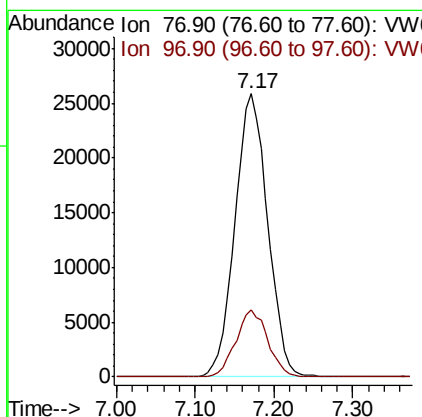
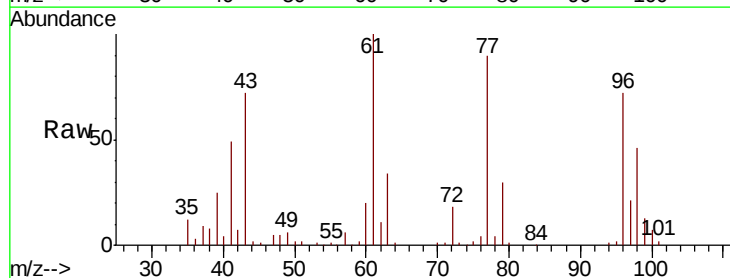
Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-5B-(8.5)MS

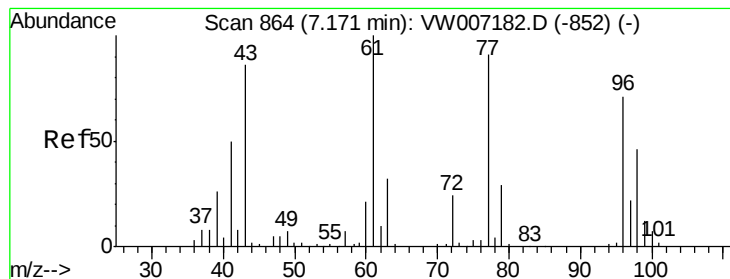
Tot Ion: 43 Resp: 54325
Ion Ratio Lower Upper
43 100
72 25.2 22.8 34.2



#26
2,2-Dichloropropane
Concen: 46.575 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

Tgt Ion: 77 Resp: 74554
Ion Ratio Lower Upper
77 100
97 23.2 11.5 34.4



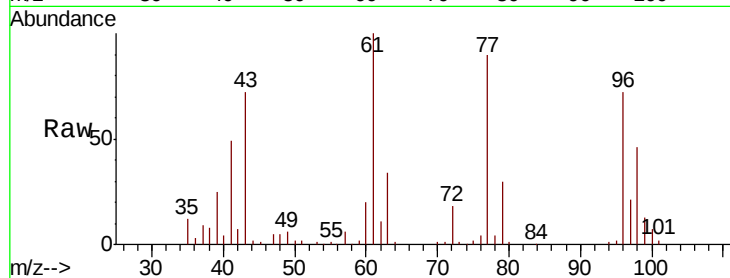


#27

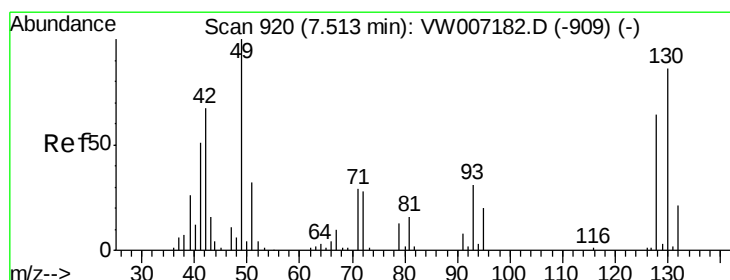
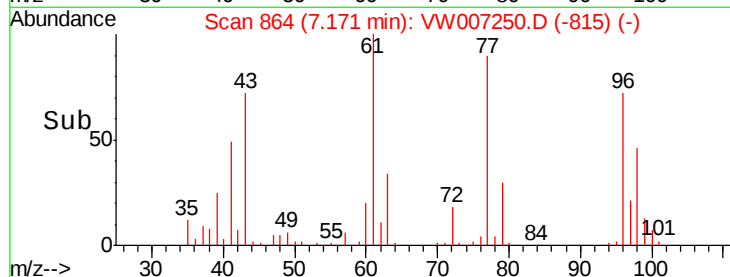
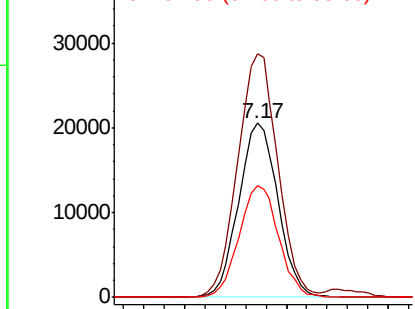
cis-1,2-Dichloroethene
Concen: 50.923 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

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

Tot Ion: 96 Resp: 55052
Ion Ratio Lower Upper
96 100
61 142.5 0.0 282.4
98 64.5 0.0 129.8



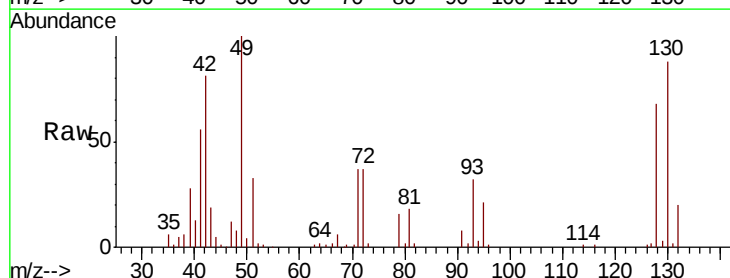
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



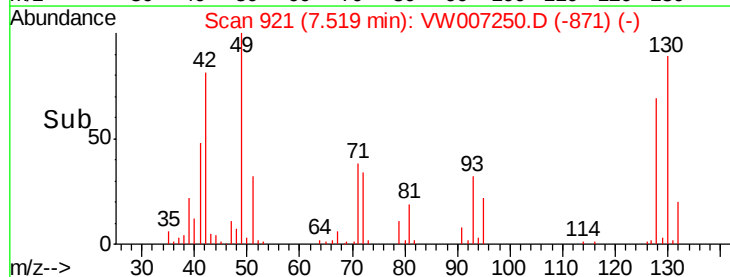
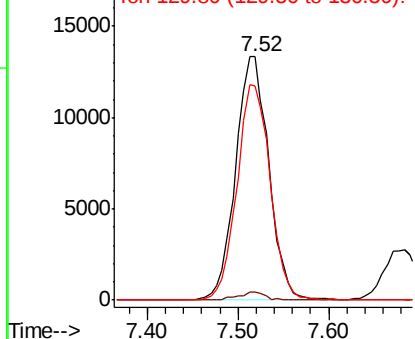
#28

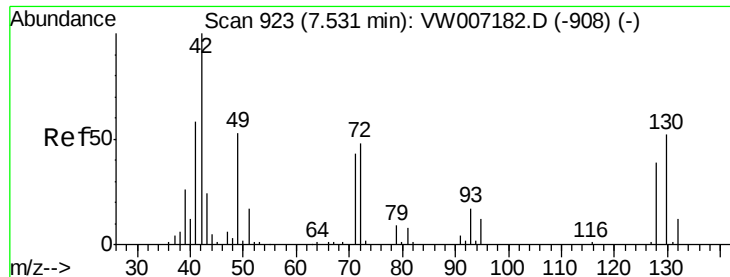
Bromochloromethane
Concen: 56.235 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

Tgt Ion: 49 Resp: 33776
Ion Ratio Lower Upper
49 100
129 2.6 0.0 3.8
130 88.6 70.3 105.5



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

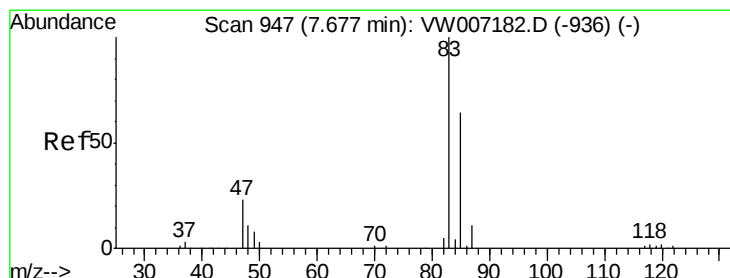
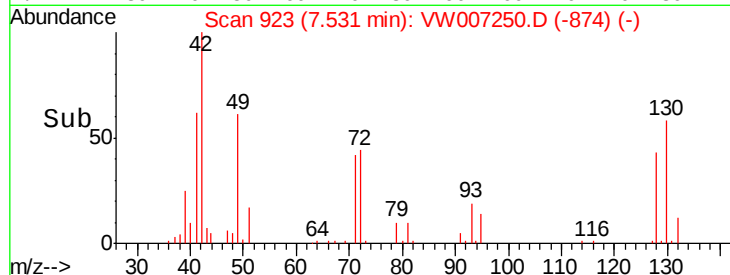
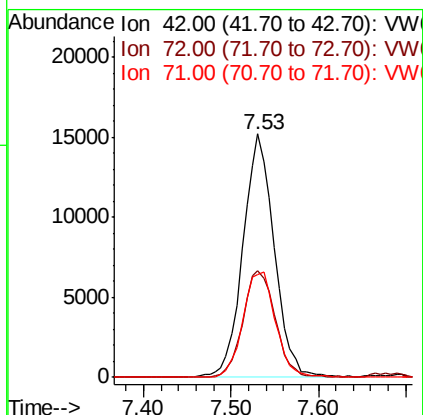
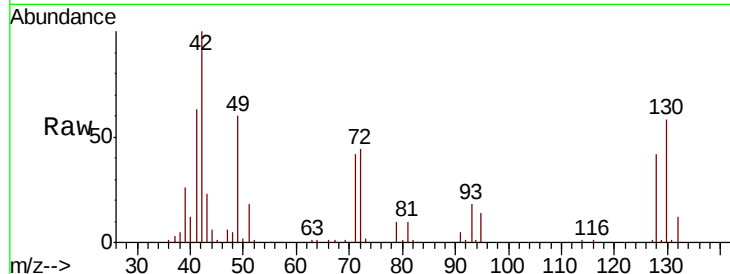




#29
Tetrahydrofuran
Concen: 253.375 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

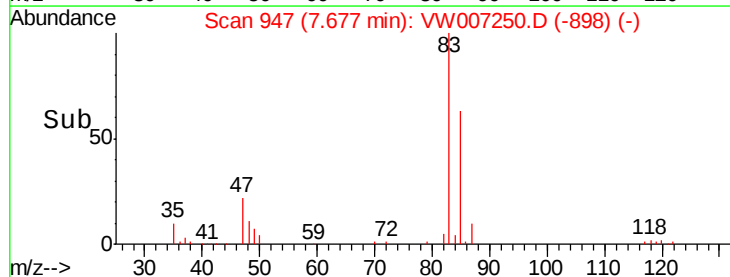
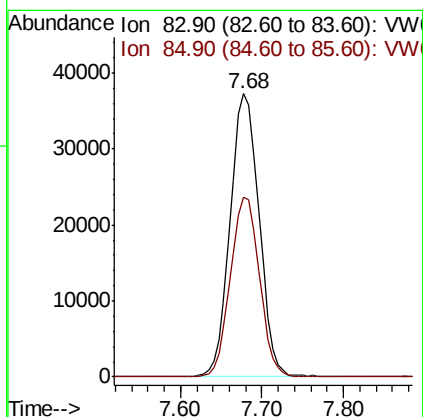
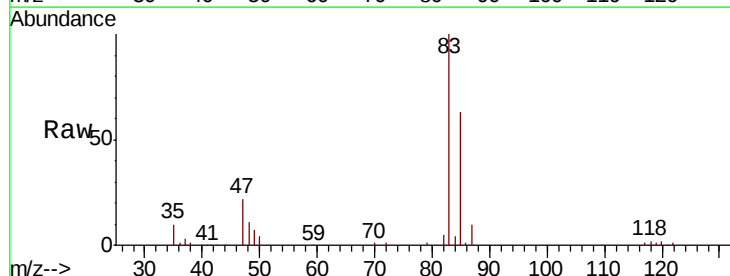
Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-5B-(8.5)MS

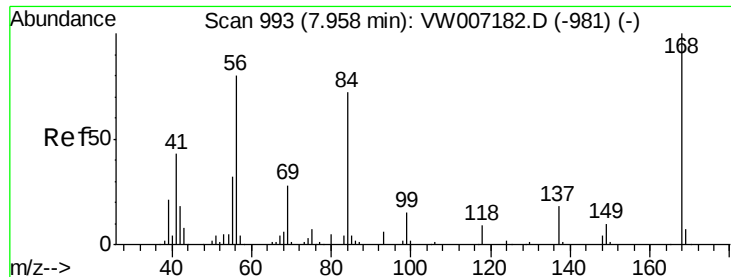
Tot Ion: 42 Resp: 37736
Ion Ratio Lower Upper
42 100
72 45.4 36.6 55.0
71 45.0 34.8 52.2



#30
Chloroform
Concen: 52.806 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

Tgt Ion: 83 Resp: 91414
Ion Ratio Lower Upper
83 100
85 63.4 51.5 77.3

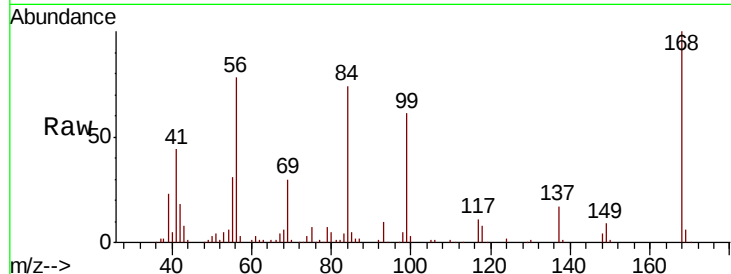




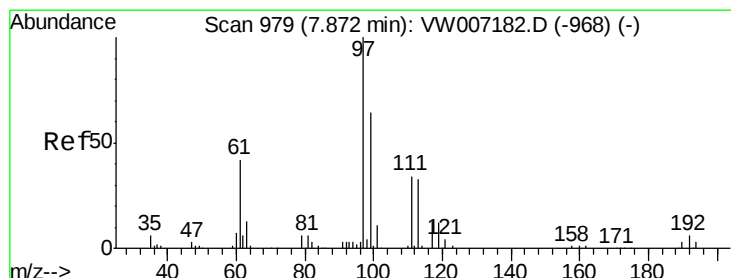
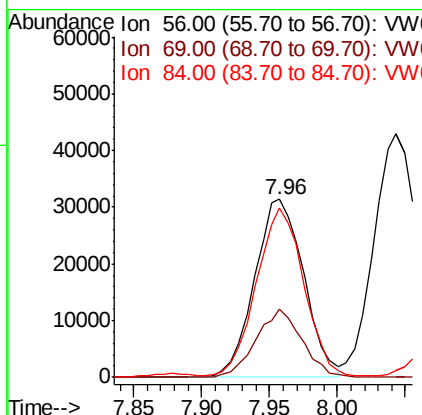
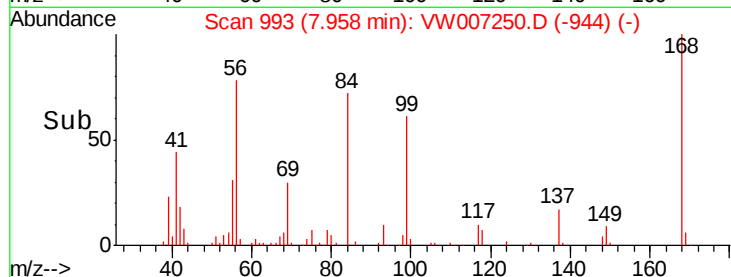
#31
Cyclohexane
Concen: 45.540 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

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

Tot Ion: 56 Resp: 79368
Ion Ratio Lower Upper
56 100
69 38.0 28.2 42.2
84 93.6 72.1 108.1

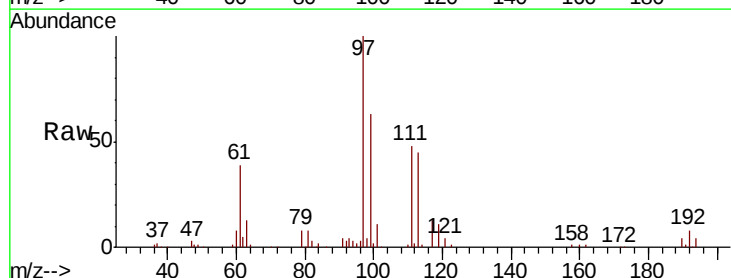


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

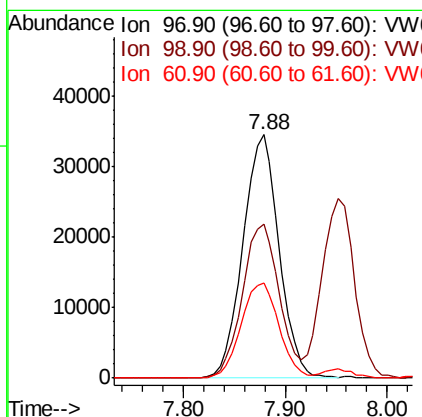
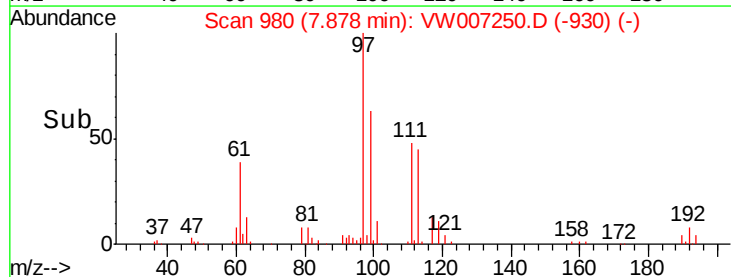


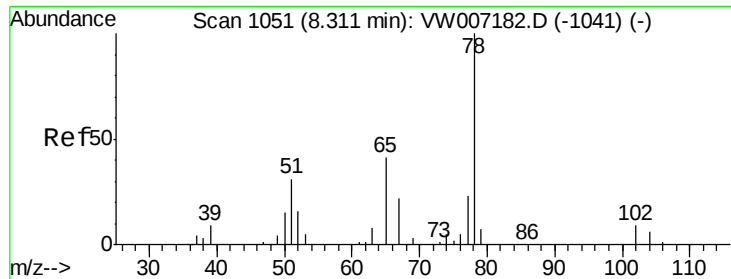
#32
1,1,1-Trichloroethane
Concen: 52.160 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

Tgt Ion: 97 Resp: 84975
Ion Ratio Lower Upper
97 100
99 64.9 51.3 76.9
61 41.0 33.2 49.8



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 52.877 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

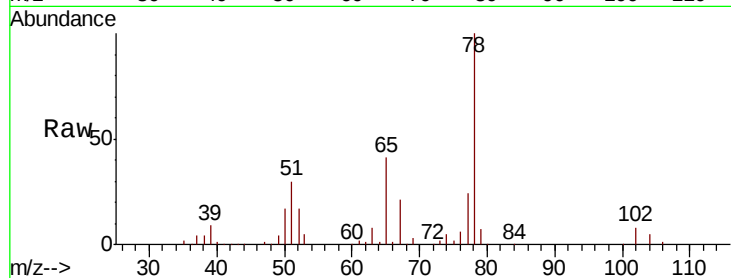
HLSP-SB-5B-(8.5)MS

Tot Ion: 65 Resp: 46439

Ion Ratio Lower Upper

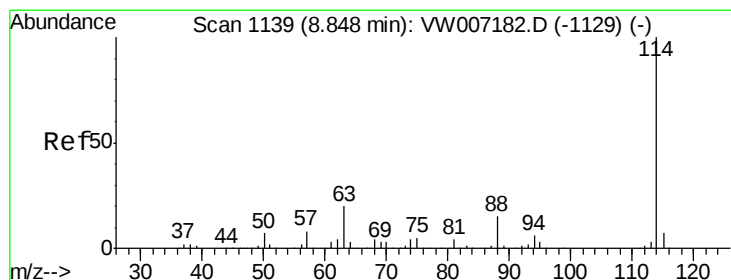
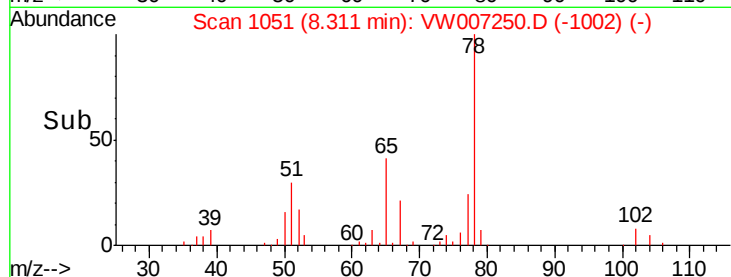
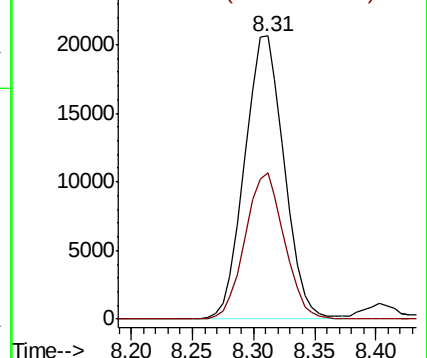
65 100

67 50.9 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: VW007250.D

Acq: 05 Dec 2018 23:26

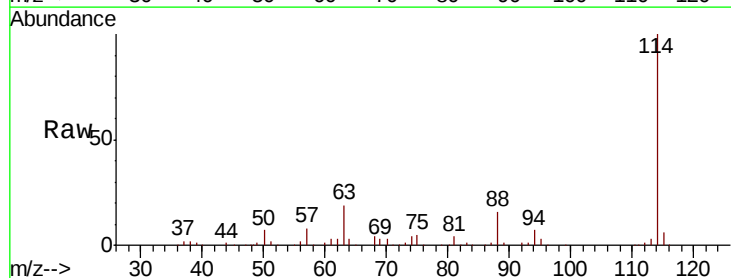
Tgt Ion: 114 Resp: 154007

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.2

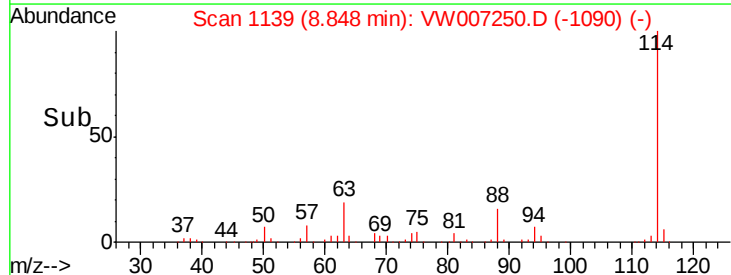
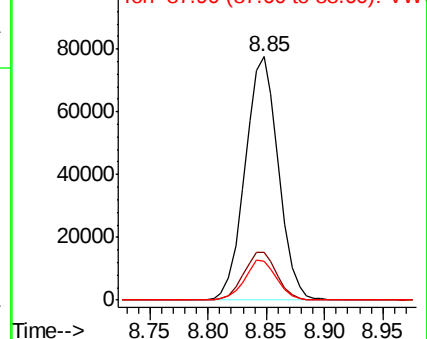
88 15.9 0.0 30.0

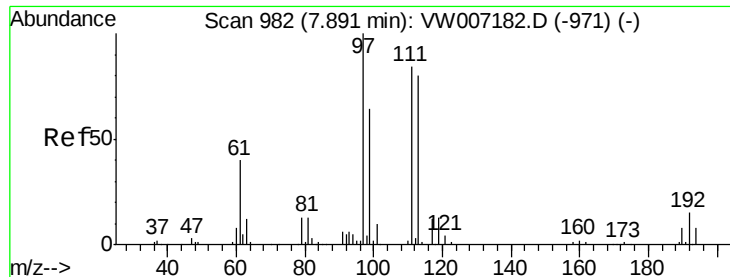


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

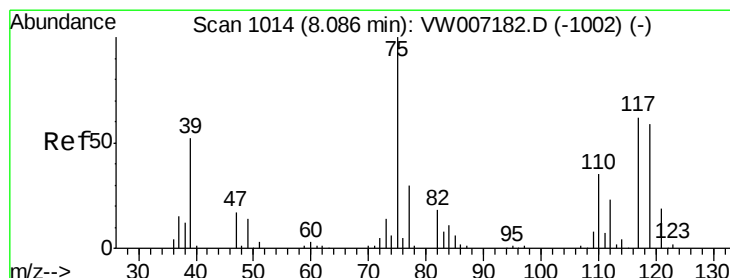
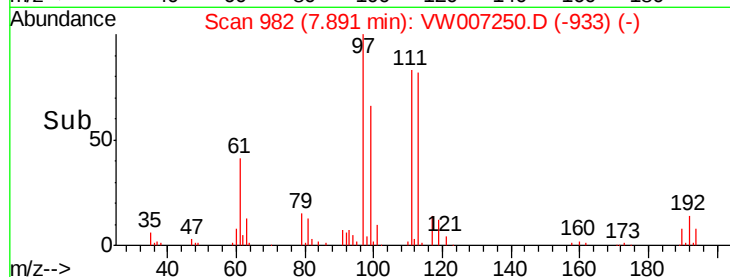
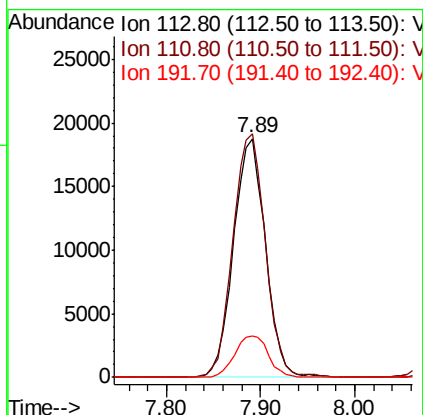
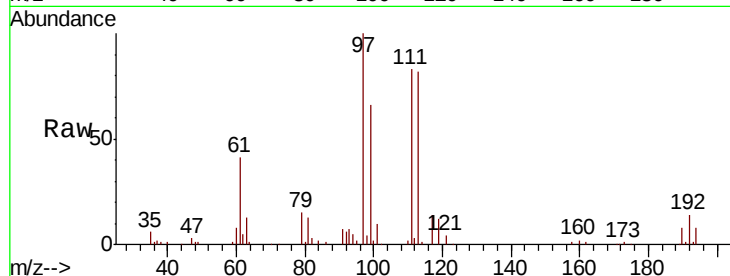




#35
 Dibromofluoromethane
 Concen: 50.346 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

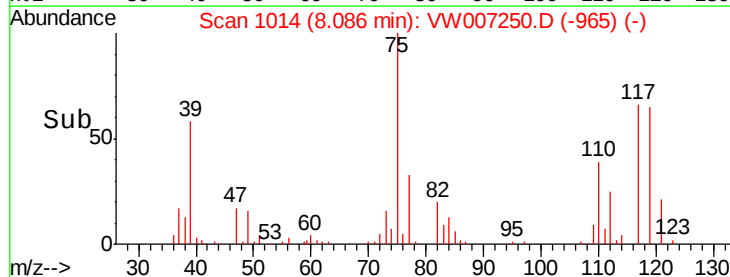
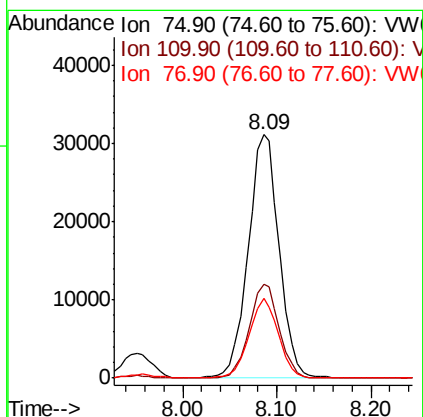
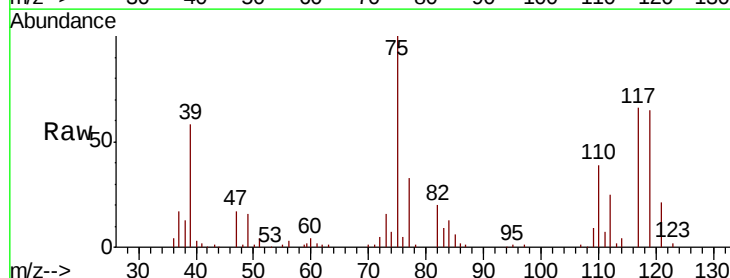
Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-5B-(8.5)MS

Tot Ion:113 Resp: 44397
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.2 123.4
 192 18.2 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 47.762 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

Tgt Ion: 75 Resp: 71572
 Ion Ratio Lower Upper
 75 100
 110 37.5 18.3 54.9
 77 31.2 24.9 37.3

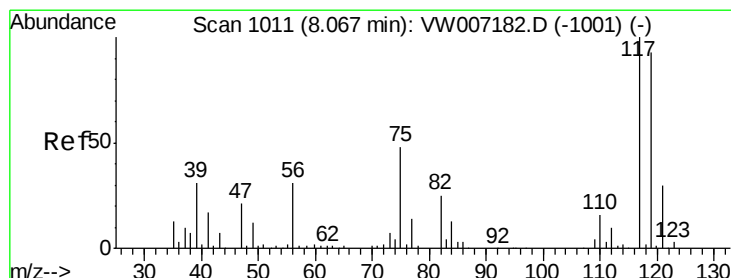
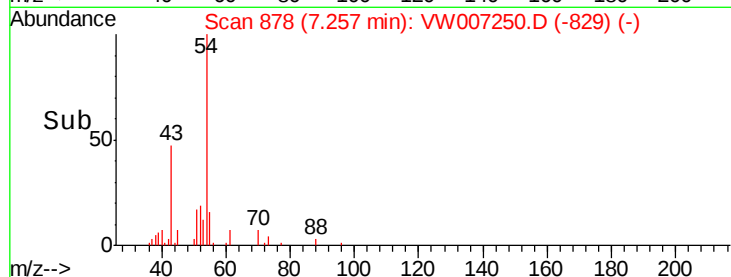
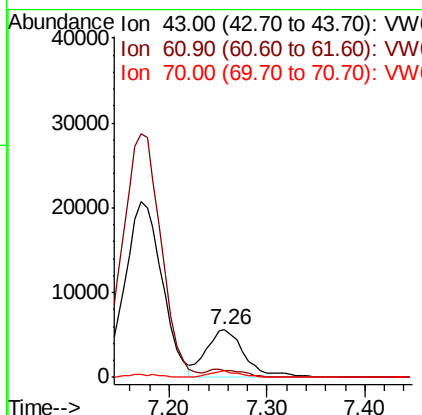
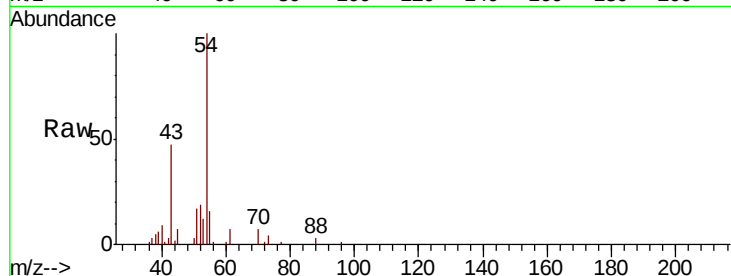




#37
Ethyl Acetate
Concen: 28.780 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

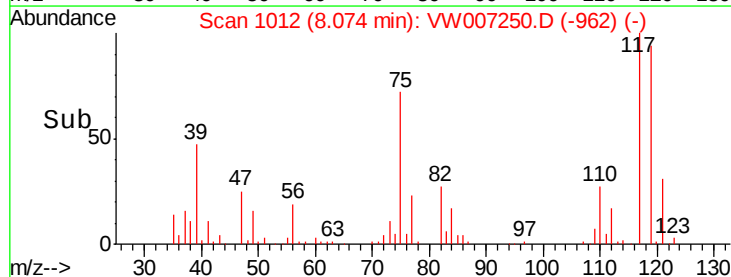
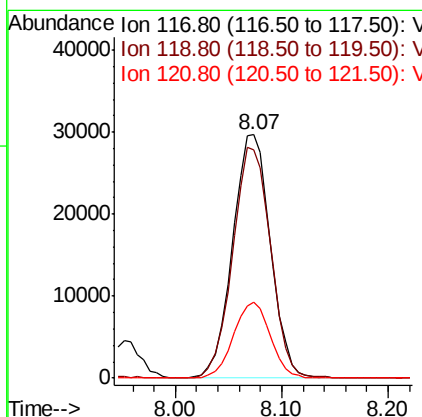
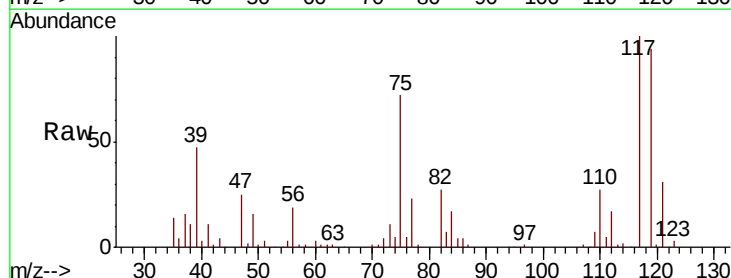
Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-5B-(8.5)MS

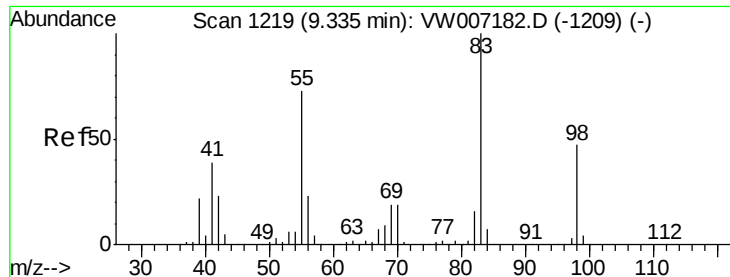
Tot Ion: 43 Resp: 15600
Ion Ratio Lower Upper
43 100
61 16.1 12.1 18.1
70 10.8 9.1 13.7



#38
Carbon Tetrachloride
Concen: 48.418 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

Tgt Ion: 117 Resp: 74055
Ion Ratio Lower Upper
117 100
119 93.3 74.1 111.1
121 31.3 23.9 35.9

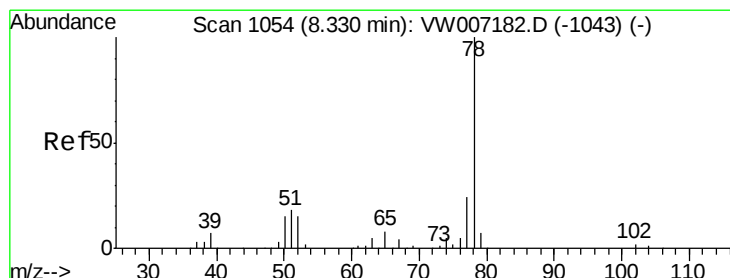
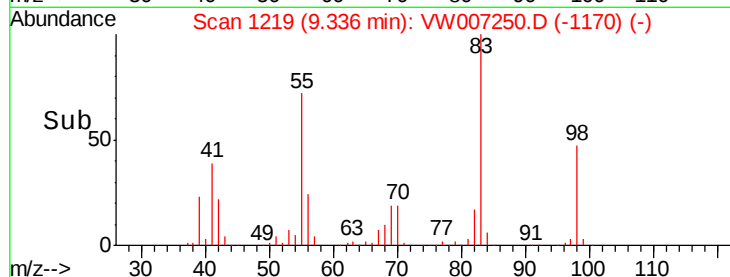
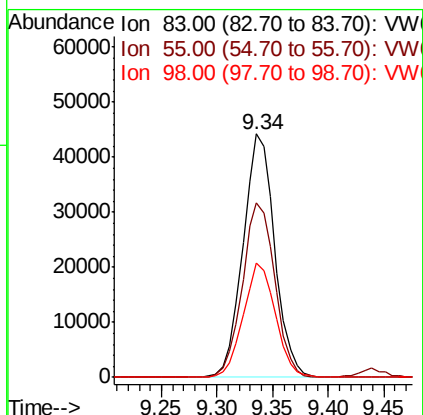
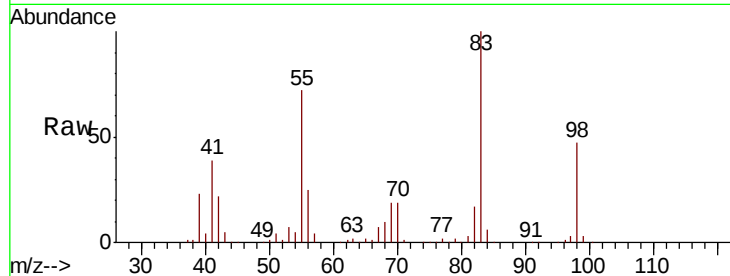




#39
Methvlcvclohexane
Concen: 43.486 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

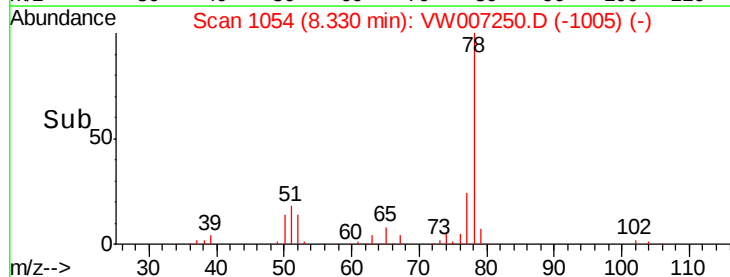
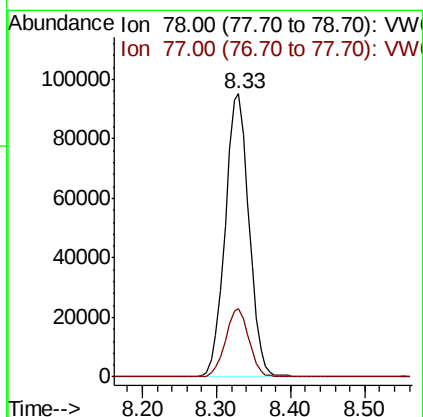
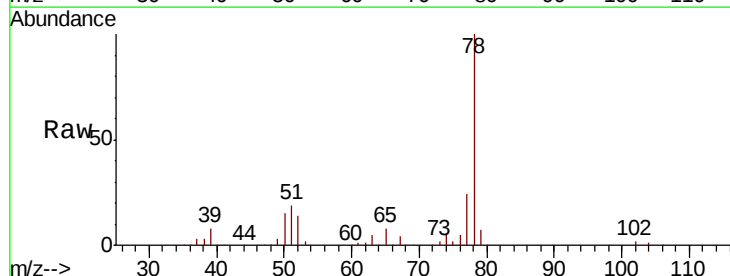
Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-5B-(8.5)MS

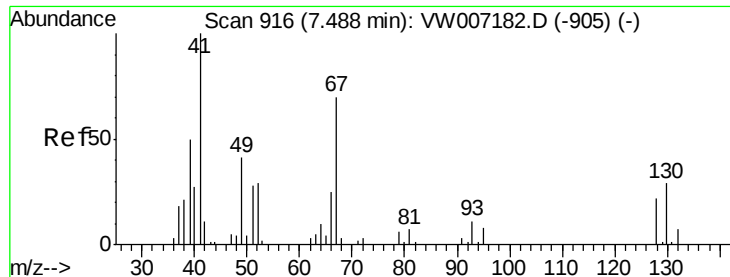
Tot Ion: 83 Resp: 87234
Ion Ratio Lower Upper
83 100
55 71.7 58.1 87.1
98 47.0 37.3 55.9



#40
Benzene
Concen: 51.725 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

Tgt Ion: 78 Resp: 212545
Ion Ratio Lower Upper
78 100
77 24.1 18.9 28.3





#41

Methacrylonitrile

Concen: 49.563 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-5B-(8.5)MS

Tot Ion: 41 Resp: 16092

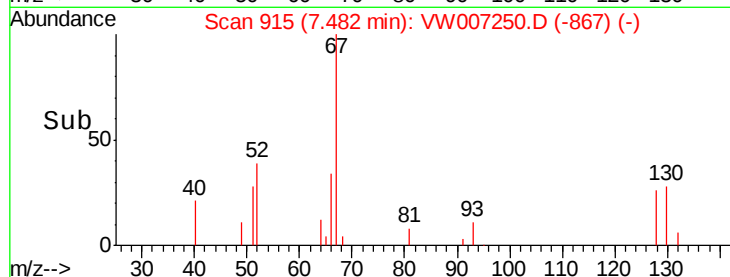
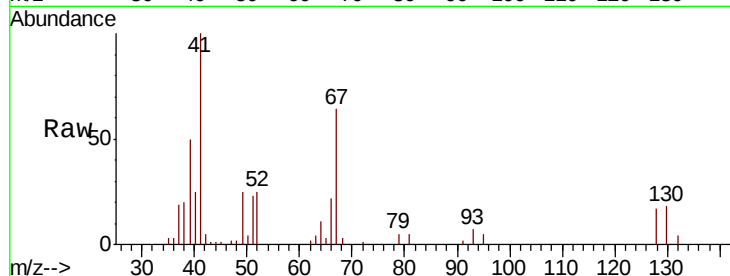
Ion Ratio Lower Upper

41 100

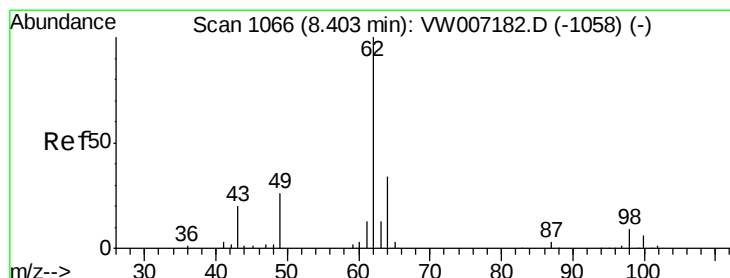
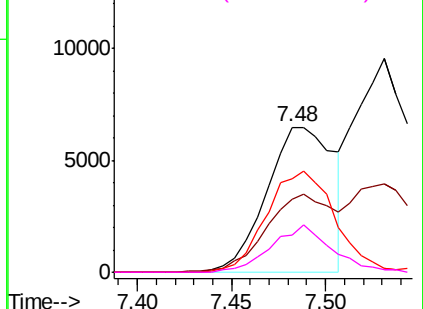
39 53.8 43.4 65.0

67 71.3 57.4 86.0

52 29.0 23.3 34.9



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 51.788 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW007250.D

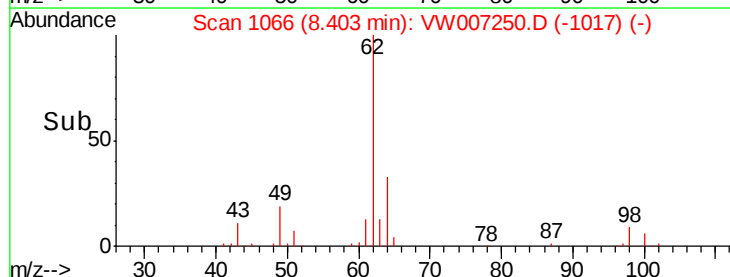
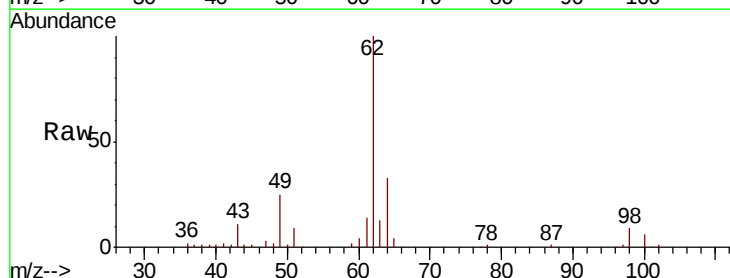
Acq: 05 Dec 2018 23:26

Tgt Ion: 62 Resp: 59474

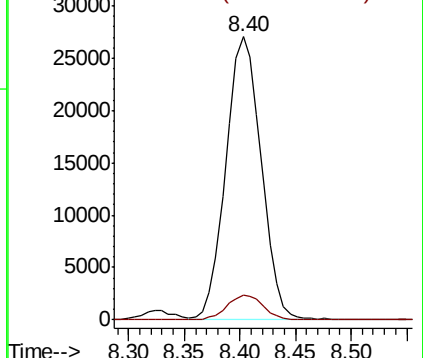
Ion Ratio Lower Upper

62 100

98 9.0 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 32.858 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-5B-(8.5)MS

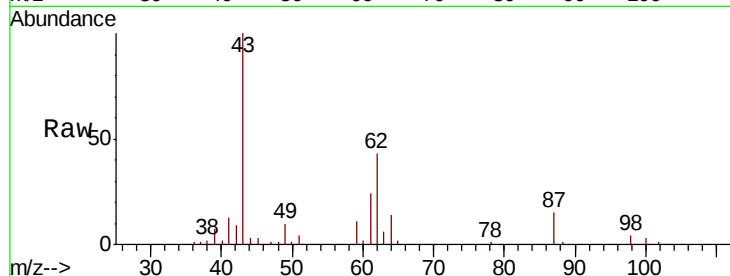
Tot Ion: 43 Resp: 34592

Ion Ratio Lower Upper

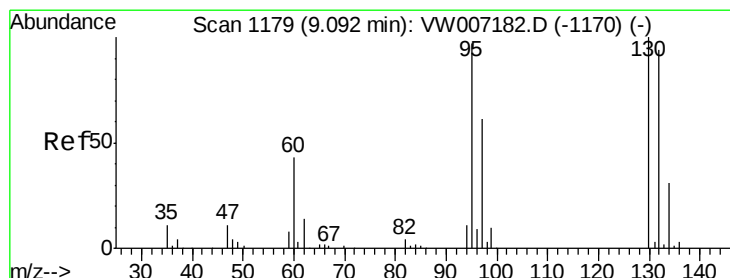
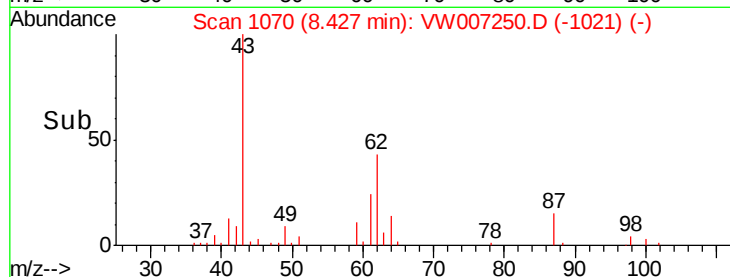
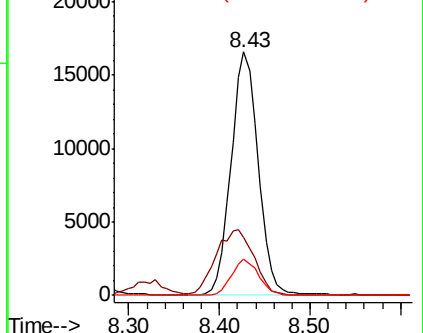
43 100

61 37.9 25.4 38.0

87 14.6 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 49.287 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW007250.D

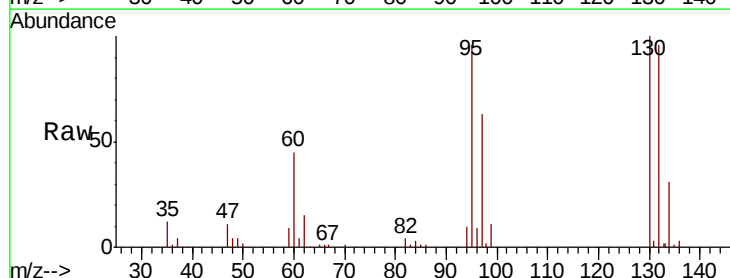
Acq: 05 Dec 2018 23:26

Tgt Ion:130 Resp: 56928

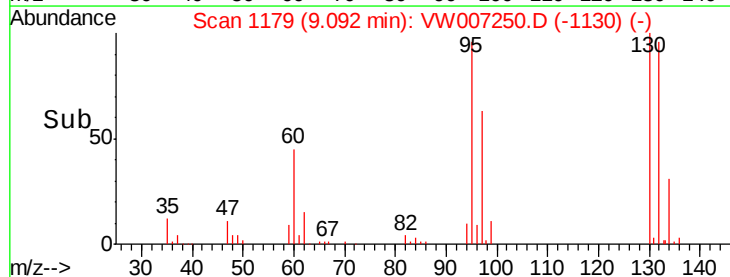
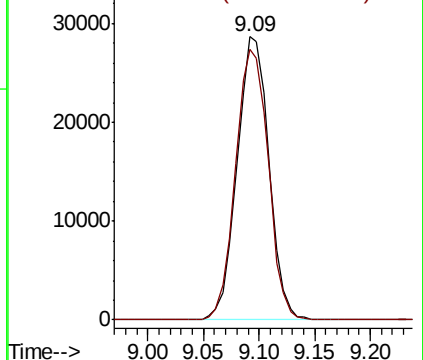
Ion Ratio Lower Upper

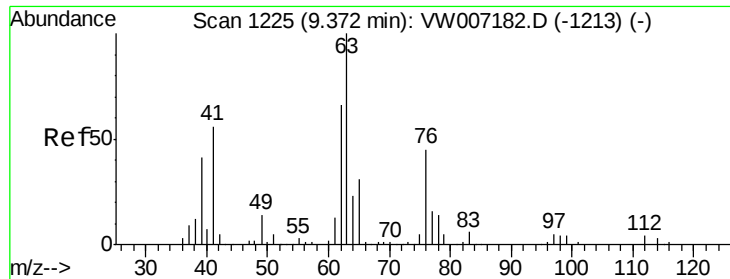
130 100

95 95.6 0.0 194.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW

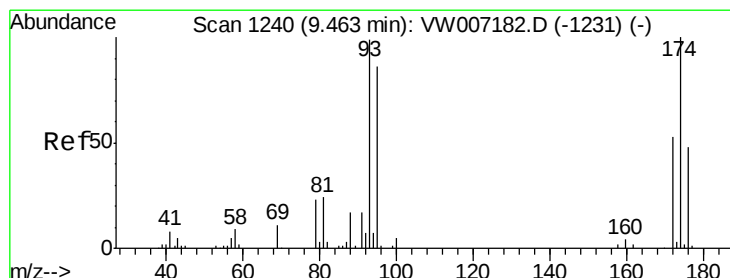
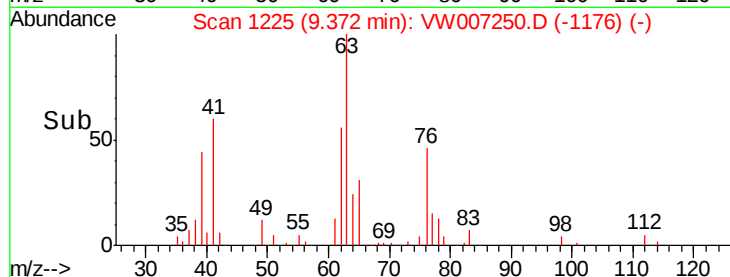
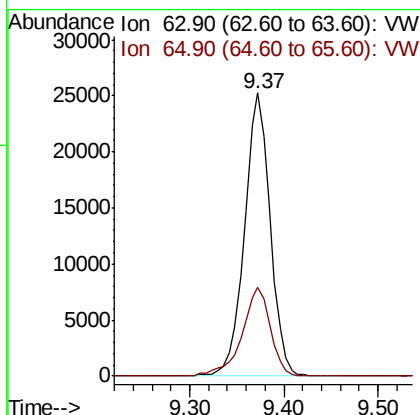
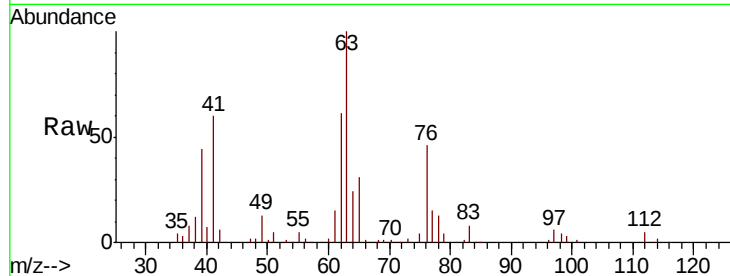




#45
 1,2-Dichloropropane
 Concen: 50.304 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

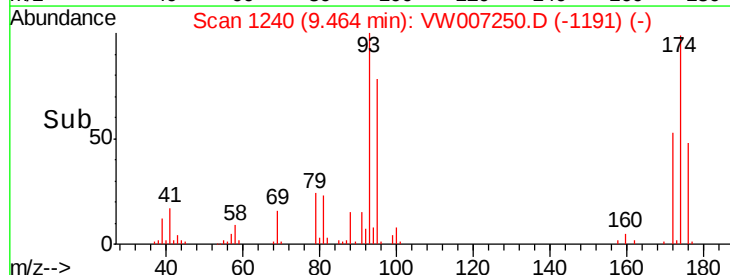
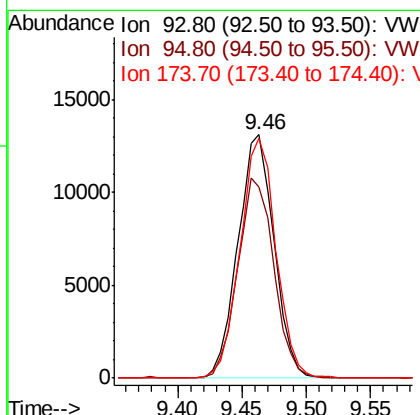
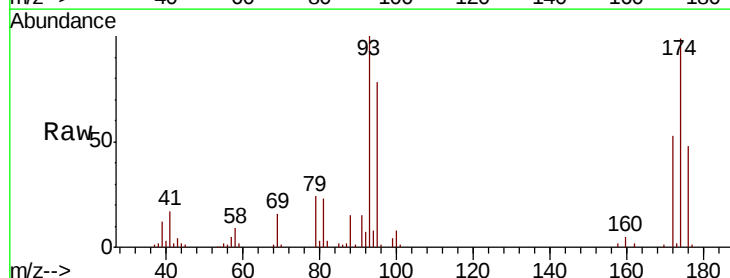
Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-5B-(8.5)MS

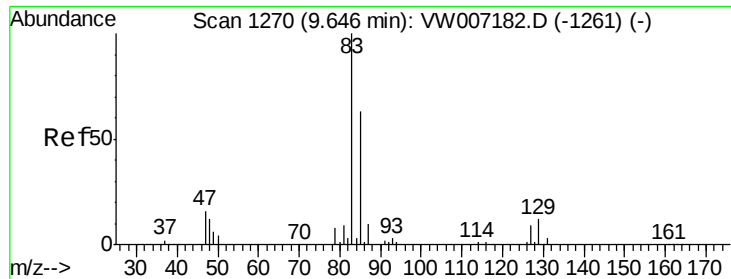
Tot Ion: 63 Resp: 48102
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.0 37.4



#46
 Dibromomethane
 Concen: 51.167 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

Tgt Ion: 93 Resp: 25424
 Ion Ratio Lower Upper
 93 100
 95 82.0 68.7 103.1
 174 97.9 82.9 124.3





#47

Bromodichloromethane

Concen: 51.084 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-5B-(8.5)MS

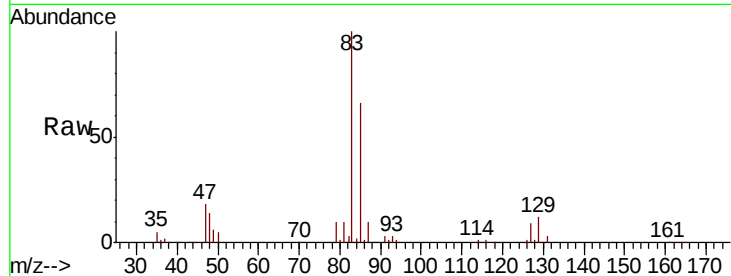
Tot Ion: 83 Resp: 66768

Ion Ratio Lower Upper

83 100

85 66.5 50.6 76.0

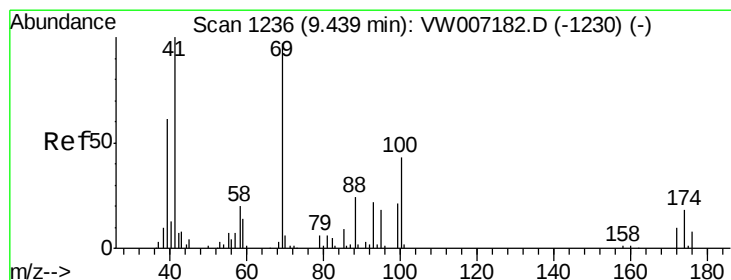
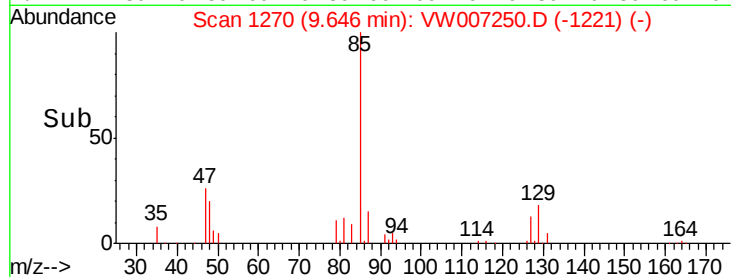
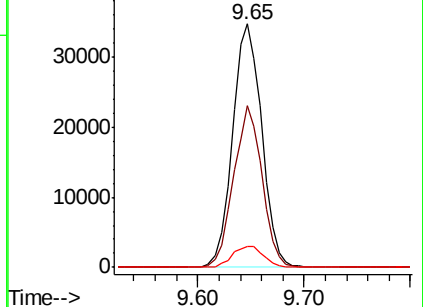
127 8.6 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 61.649 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

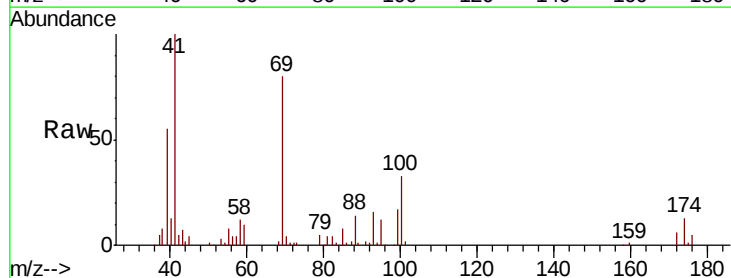
Tgt Ion: 41 Resp: 33685

Ion Ratio Lower Upper

41 100

69 87.9 69.6 104.4

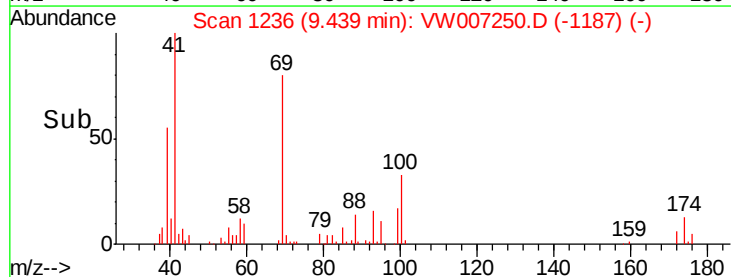
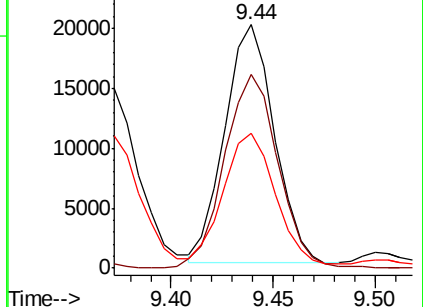
39 57.1 42.4 63.6

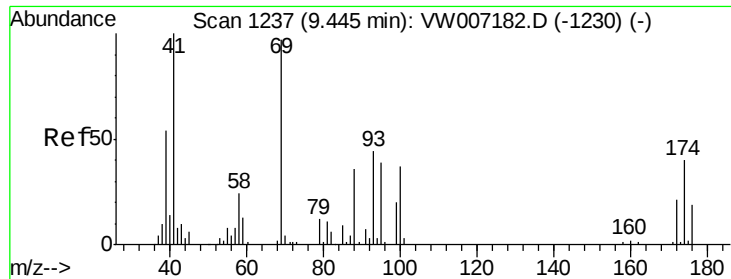


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

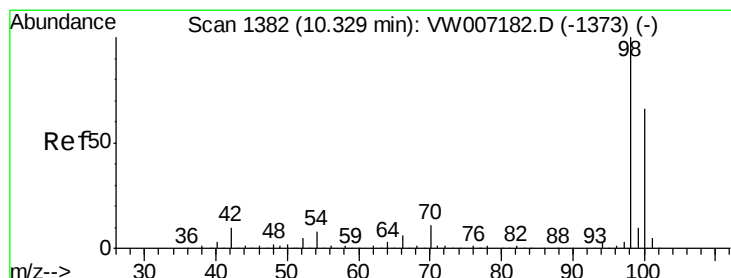
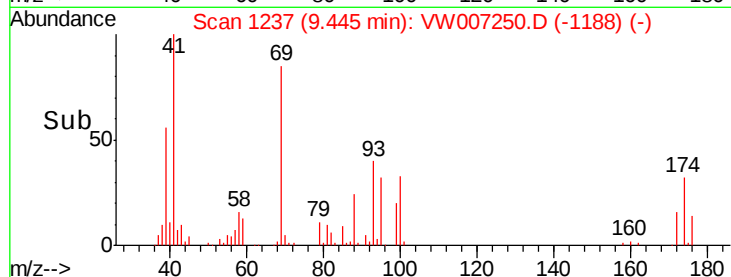
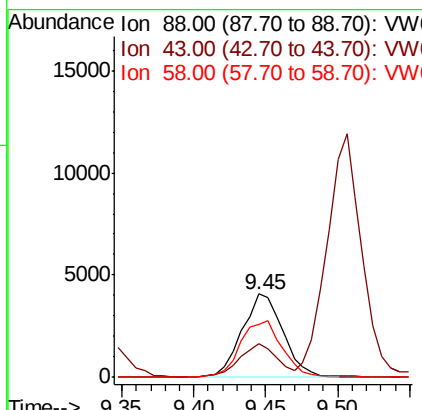
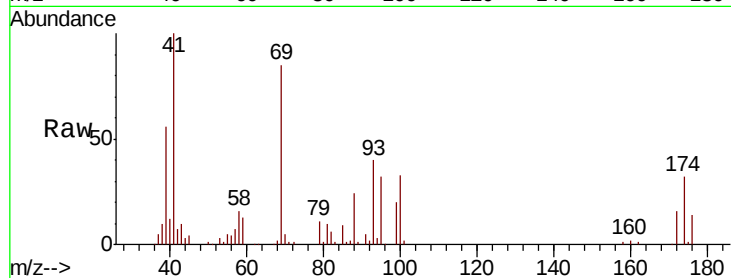




#49
1,4-Dioxane
Concen: 920.852 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

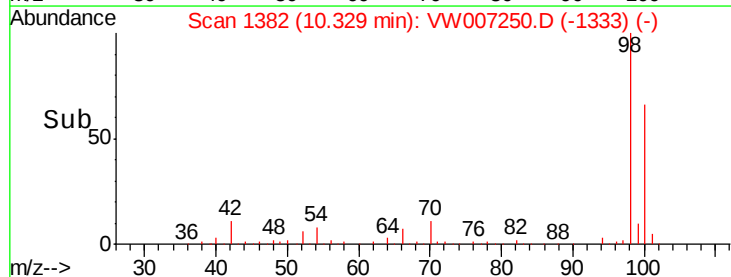
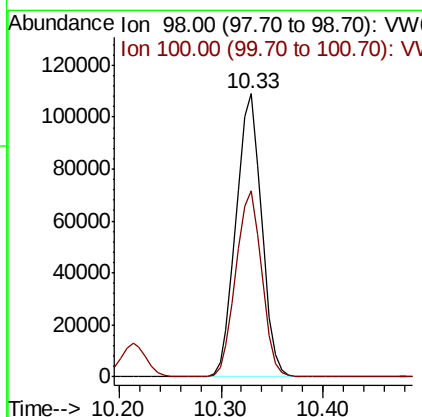
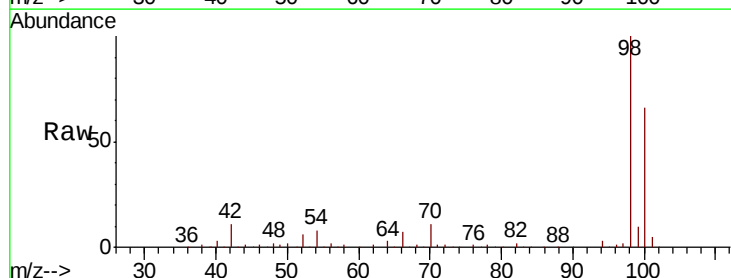
Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-5B-(8.5)MS

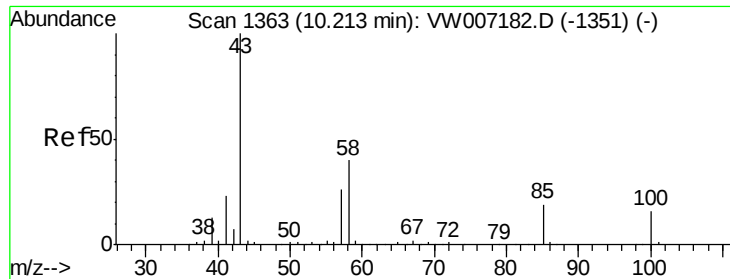
Tot Ion: 88 Resp: 7993
Ion Ratio Lower Upper
88 100
43 37.8 25.8 38.8
58 70.9 58.9 88.3



#50
Toluene-d8
Concen: 48.621 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

Tgt Ion: 98 Resp: 188867
Ion Ratio Lower Upper
98 100
100 66.7 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 264.406 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

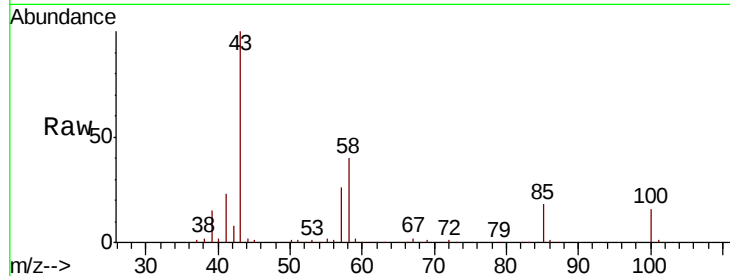
HLSP-SB-5B-(8.5)MS

Tot Ion: 43 Resp: 137176

Ion Ratio Lower Upper

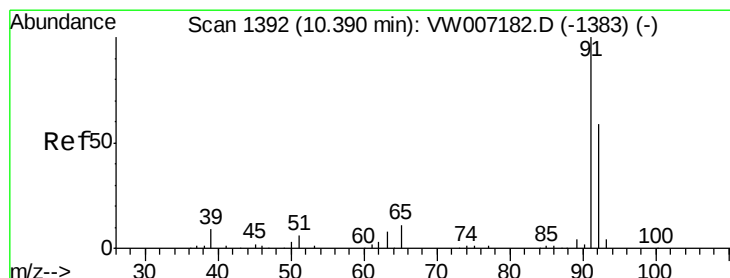
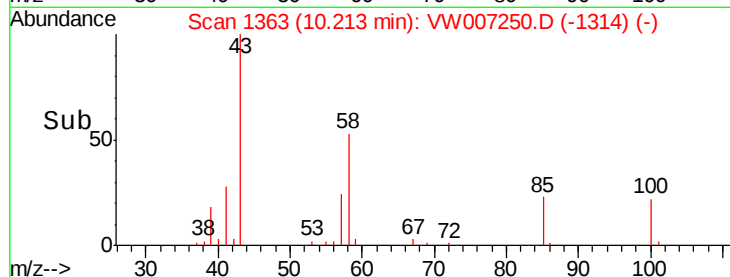
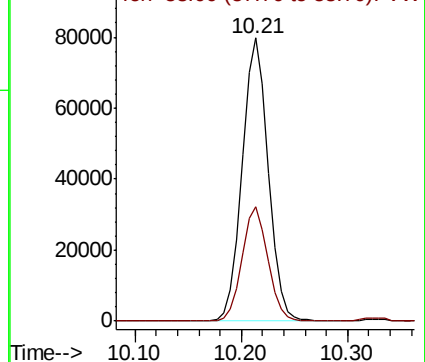
43 100

58 40.0 32.3 48.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 49.799 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007250.D

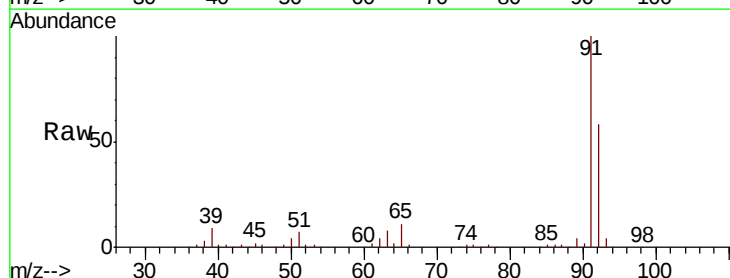
Acq: 05 Dec 2018 23:26

Tgt Ion: 92 Resp: 142344

Ion Ratio Lower Upper

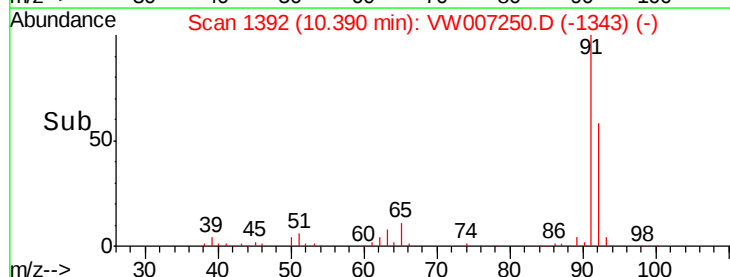
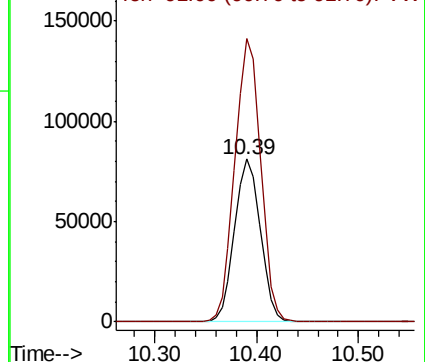
92 100

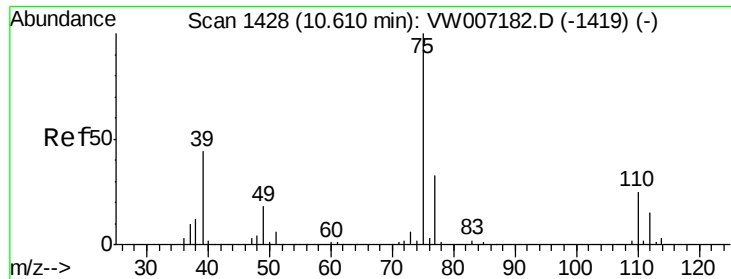
91 174.2 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

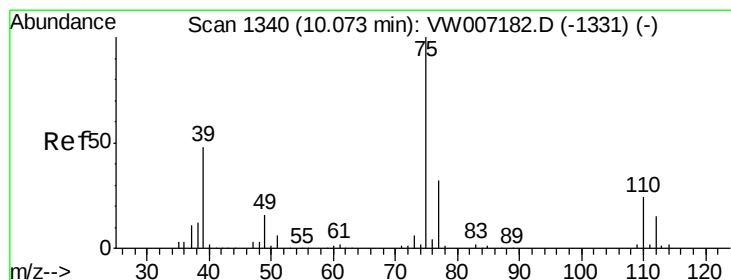
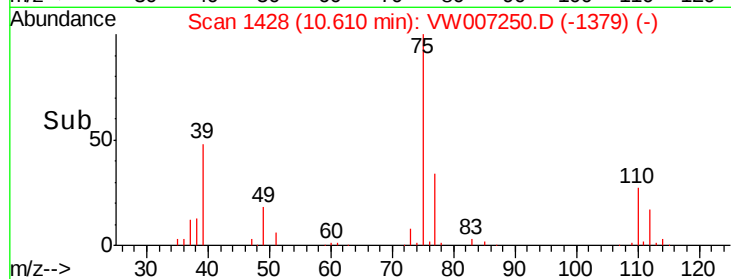
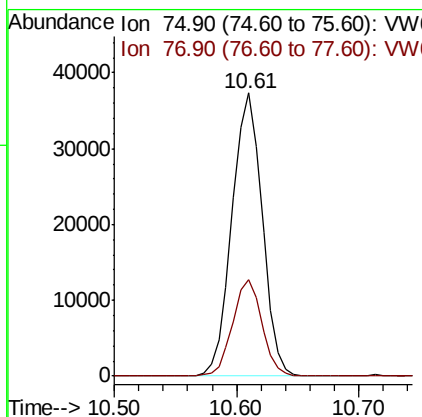
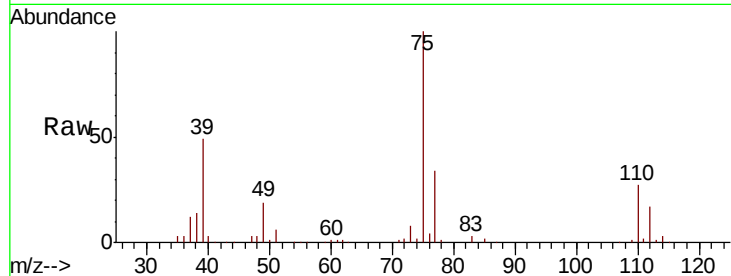




#53
 t-1,3-Dichloropropene
 Concen: 48.665 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

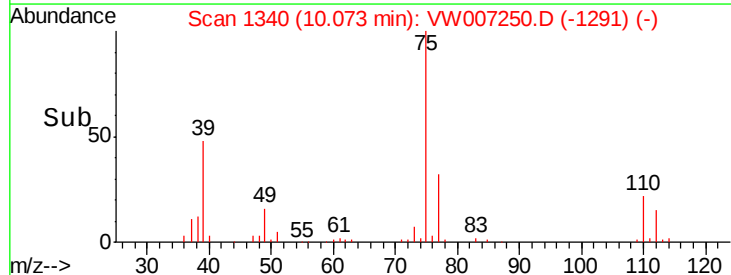
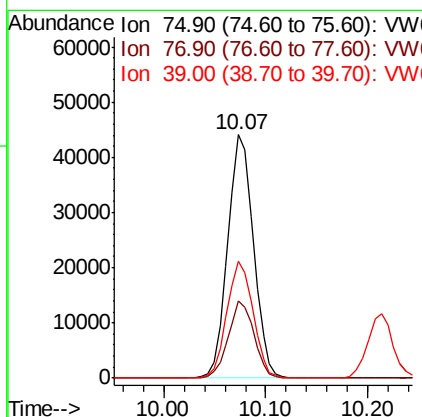
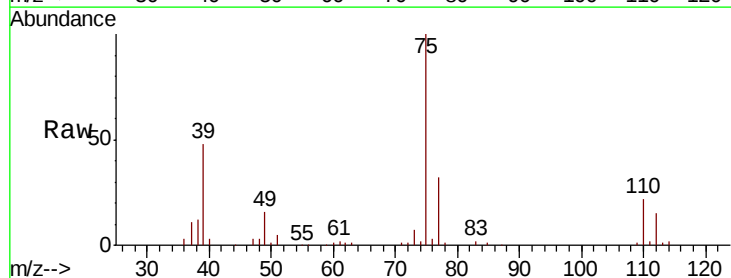
Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-5B-(8.5)MS

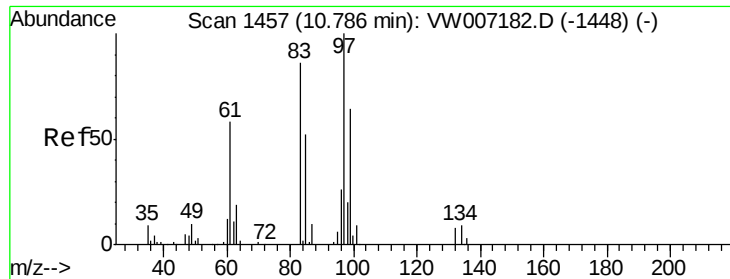
Tot Ion: 75 Resp: 63949
 Ion Ratio Lower Upper
 75 100
 77 34.1 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 49.933 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

Tgt Ion: 75 Resp: 76896
 Ion Ratio Lower Upper
 75 100
 77 31.6 26.0 39.0
 39 48.0 38.0 57.0

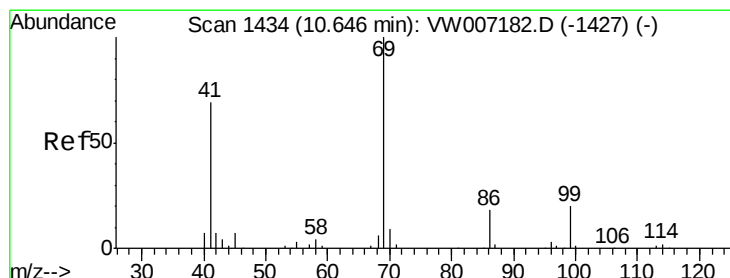
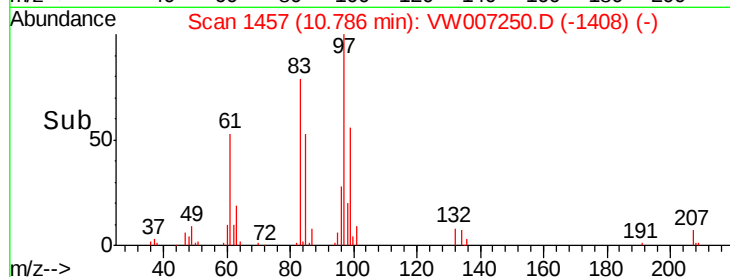
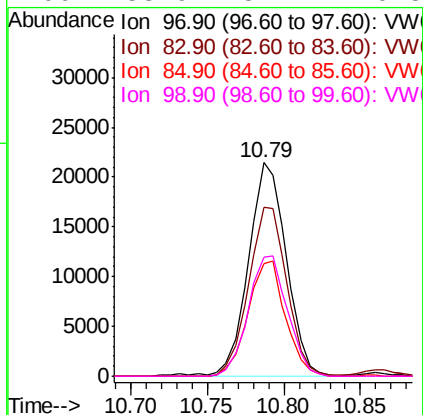
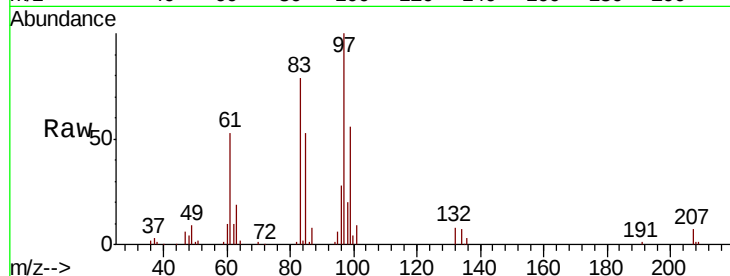




#55
 1,1,2-Trichloroethane
 Concen: 51.680 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

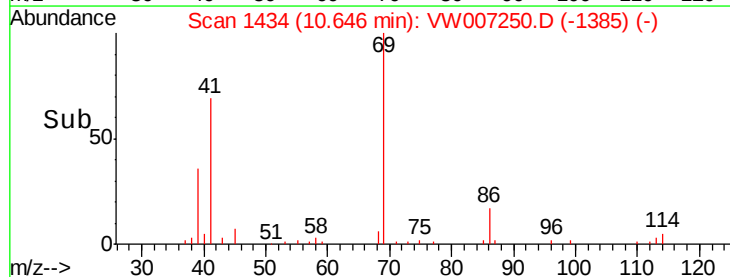
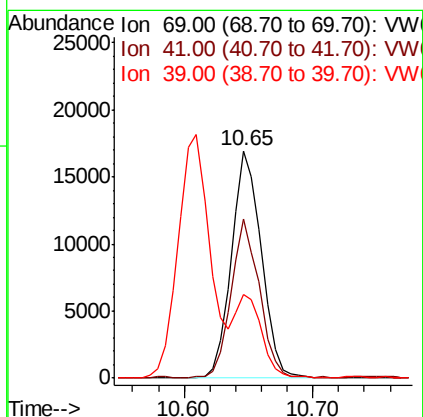
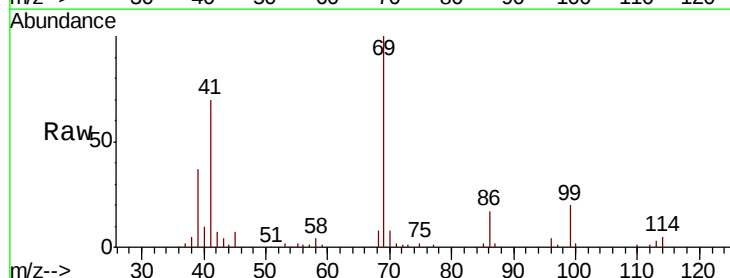
Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-5B-(8.5)MS

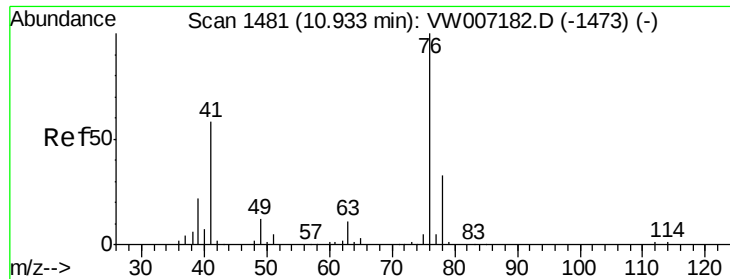
Tot Ion:	97	Resp:	36526
Ion	Ratio	Lower	Upper
97	100		
83	79.6	68.6	102.8
85	52.7	41.4	62.2
99	55.9	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 29.605 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

Tgt Ion:	69	Resp:	27294
Ion	Ratio	Lower	Upper
69	100		
41	66.8	51.8	77.6
39	32.7	28.7	43.1

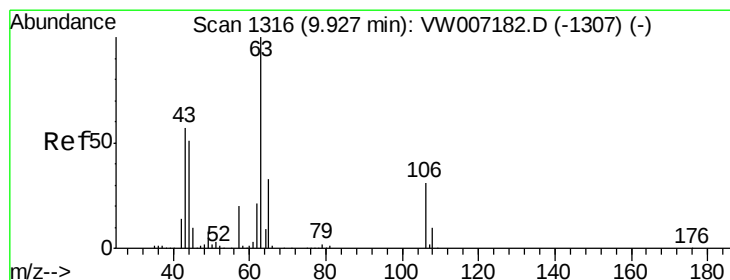
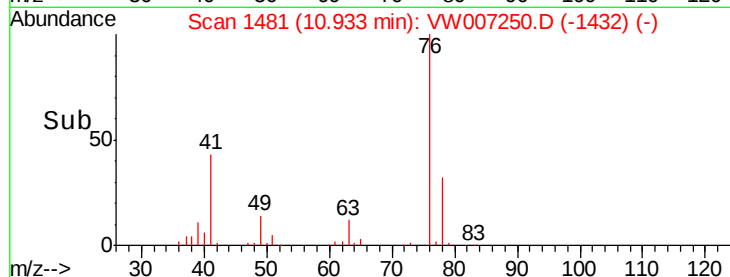
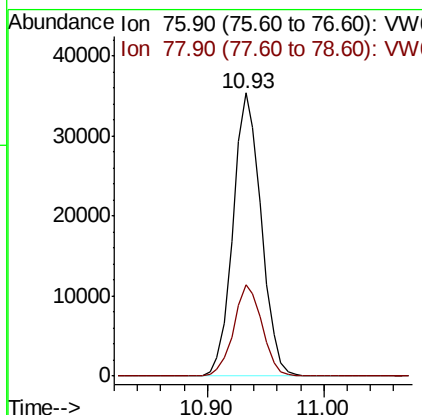
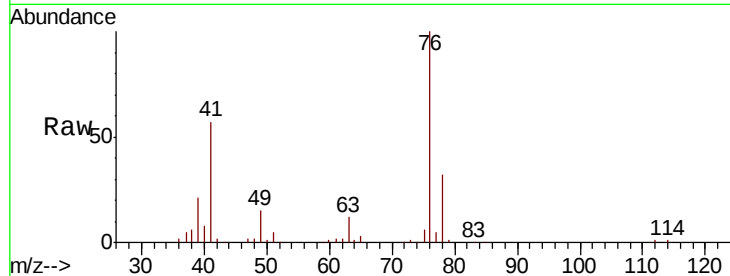




#57
 1,3-Dichloropropane
 Concen: 49.955 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

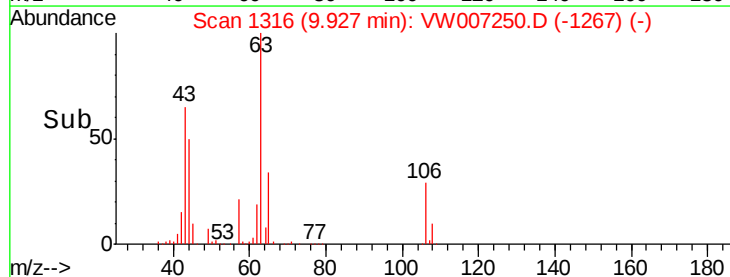
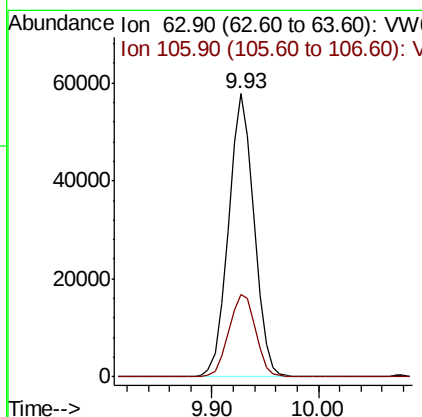
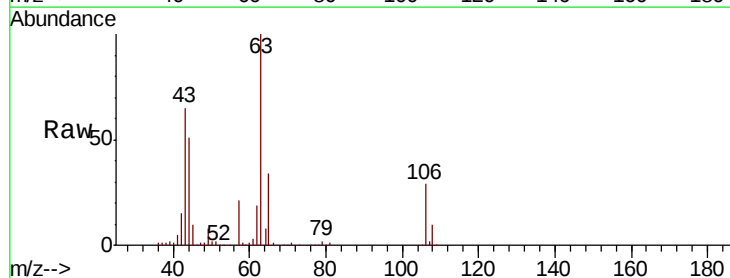
Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-5B-(8.5)MS

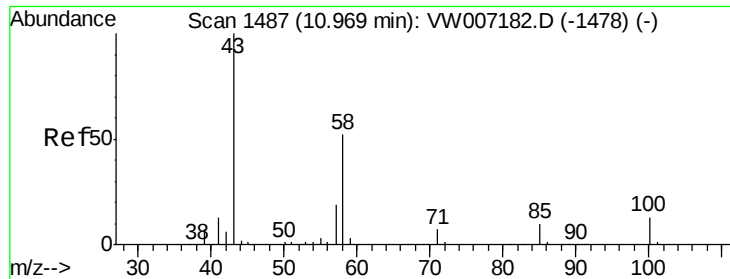
Tot Ion: 76 Resp: 59609
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 262.552 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

Tgt Ion: 63 Resp: 97226
 Ion Ratio Lower Upper
 63 100
 106 30.4 24.1 36.1





#59

2-Hexanone

Concen: 242.408 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

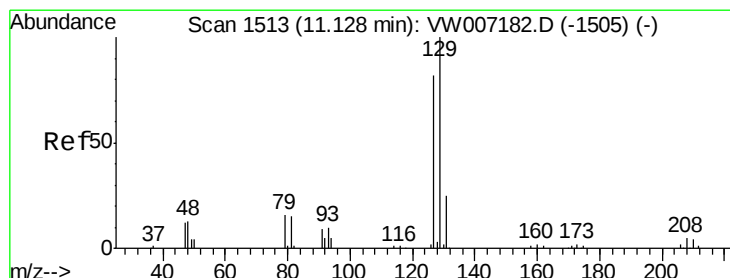
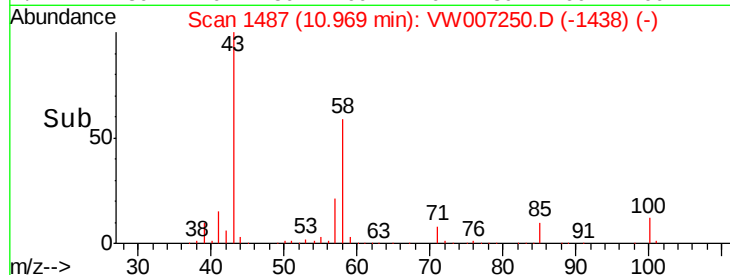
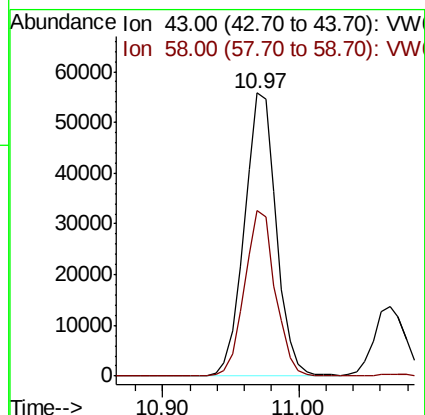
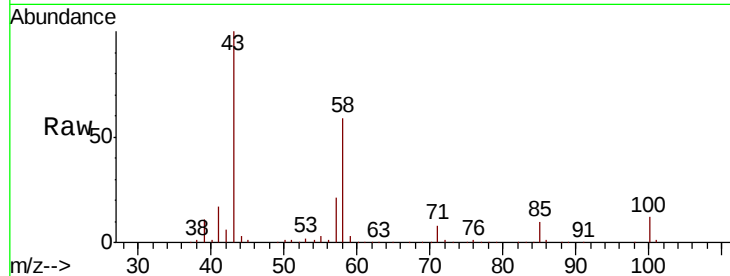
HLSP-SB-5B-(8.5)MS

Tot Ion: 43 Resp: 91168

Ion Ratio Lower Upper

43 100

58 56.7 28.1 84.4



#60

Dibromochloromethane

Concen: 50.090 ug/l

RT: 11.13 min Scan# 1514

Delta R.T. 0.01 min

Lab File: VW007250.D

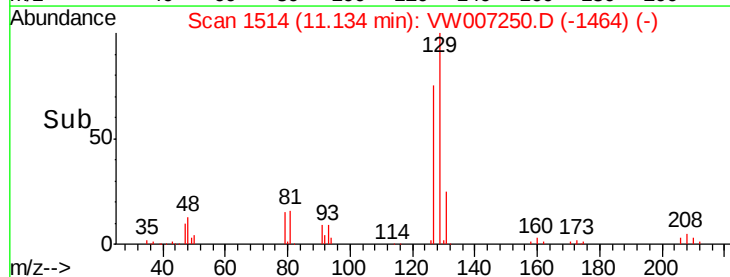
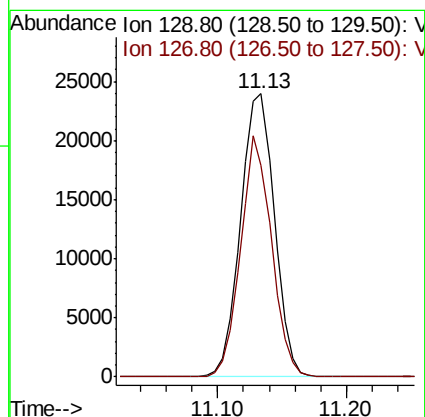
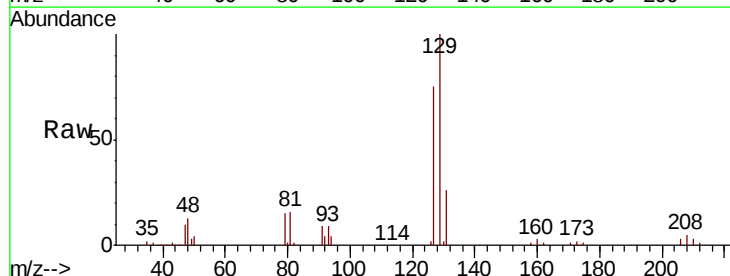
Acq: 05 Dec 2018 23:26

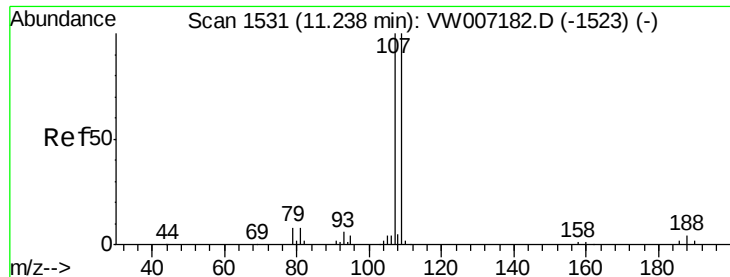
Tgt Ion: 129 Resp: 43511

Ion Ratio Lower Upper

129 100

127 77.8 39.8 119.4

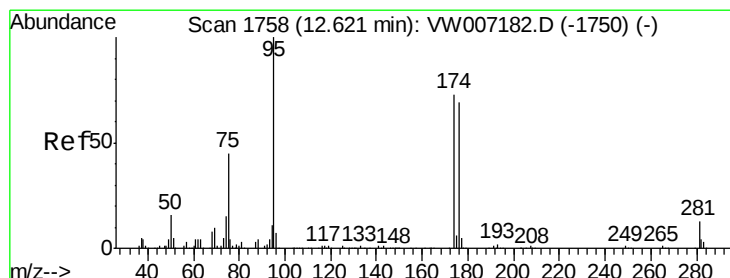
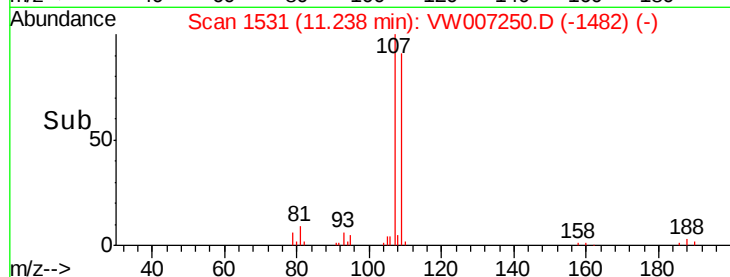
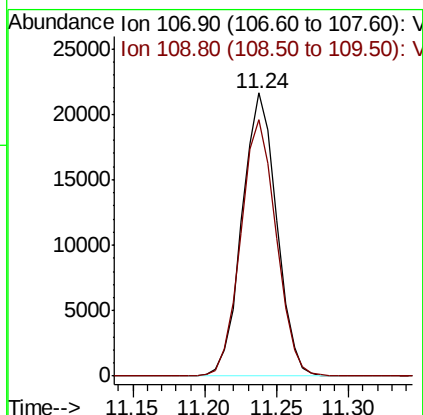
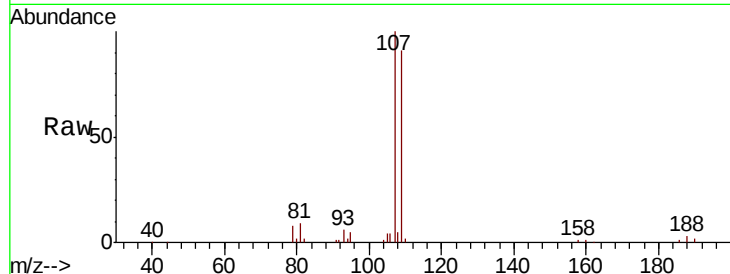




#61
 1,2-Dibromoethane
 Concen: 53.079 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

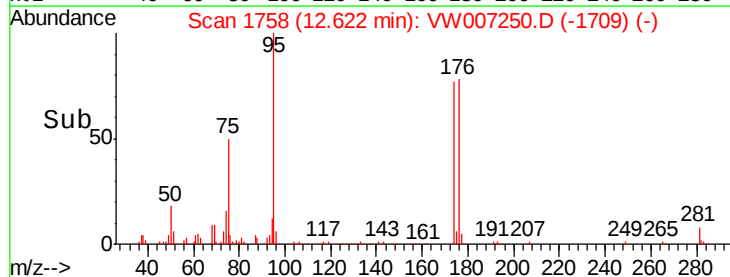
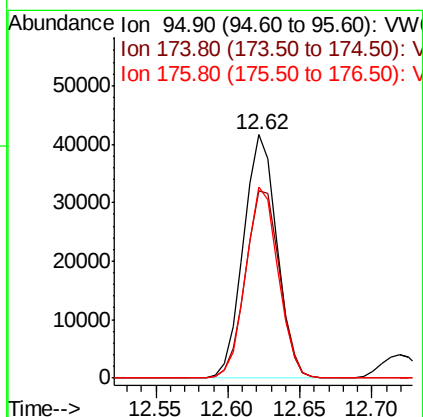
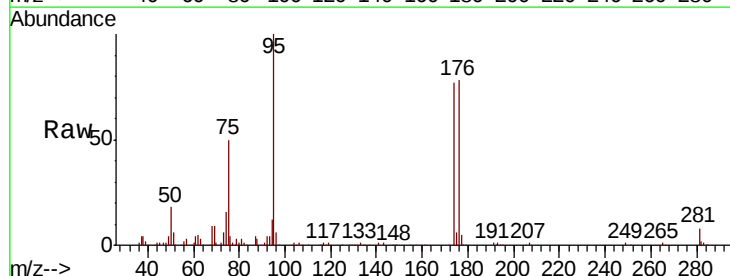
Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-5B-(8.5)MS

Tot Ion: 107 Resp: 35982
 Ion Ratio Lower Upper
 107 100
 109 92.7 77.3 115.9



#62
 4-Bromofluorobenzene
 Concen: 45.591 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

Tgt Ion: 95 Resp: 66844
 Ion Ratio Lower Upper
 95 100
 174 78.9 0.0 148.0
 176 76.2 0.0 139.4

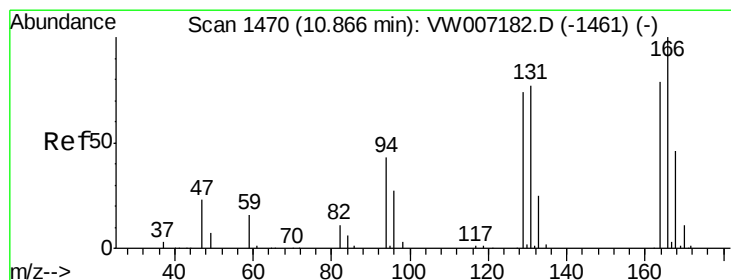
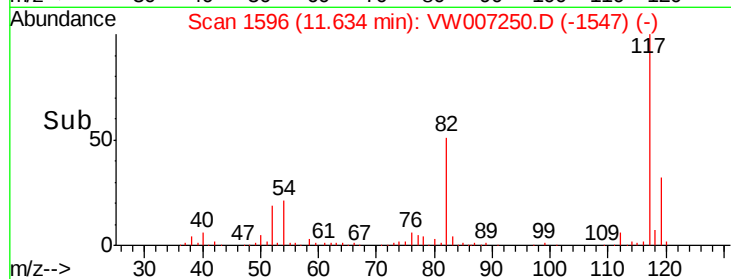
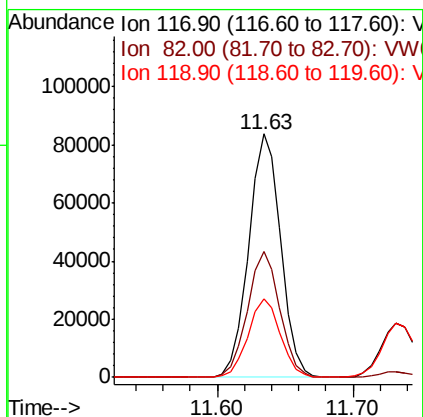
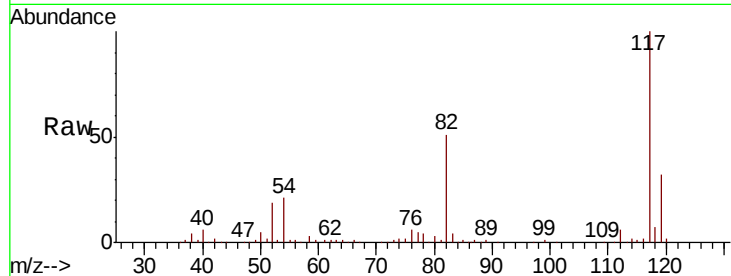




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

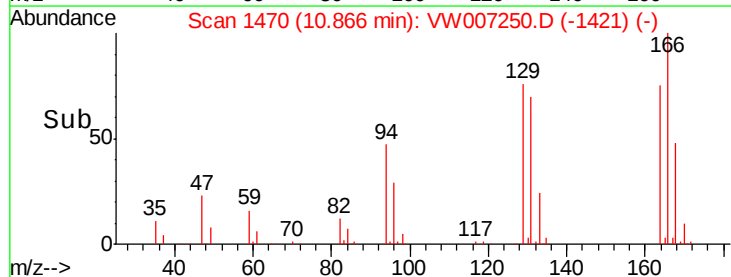
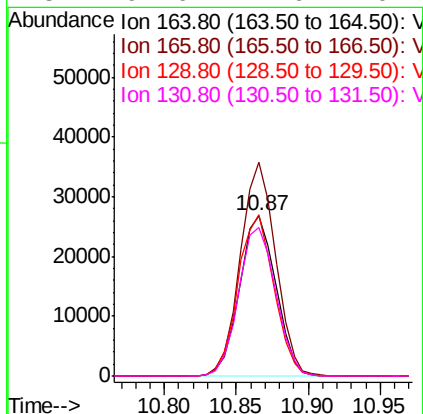
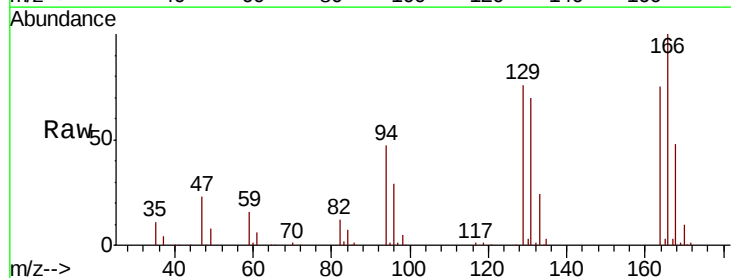
Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-5B-(8.5)MS

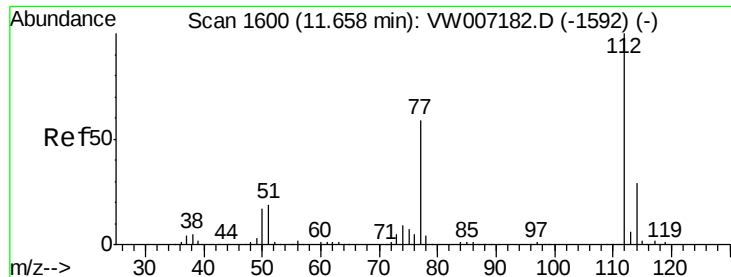
Tot Ion:117 Resp: 138196
Ion Ratio Lower Upper
117 100
82 51.5 47.4 71.2
119 32.2 26.8 40.2



#64
Tetrachloroethene
Concen: 46.333 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

Tgt Ion:164 Resp: 46782
Ion Ratio Lower Upper
164 100
166 133.0 101.0 151.4
129 100.5 74.6 111.8
131 92.6 77.6 116.4

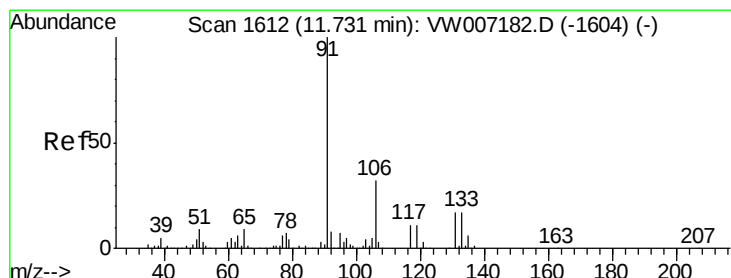
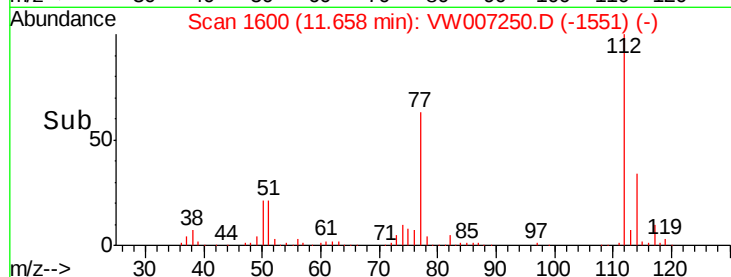
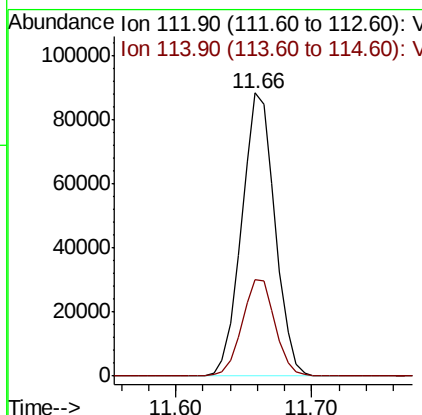
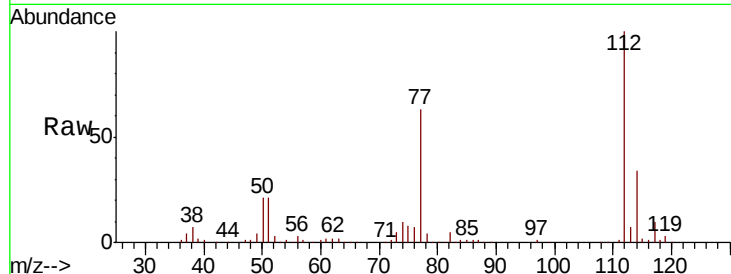




#65
Chlorobenzene
Concen: 48.774 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

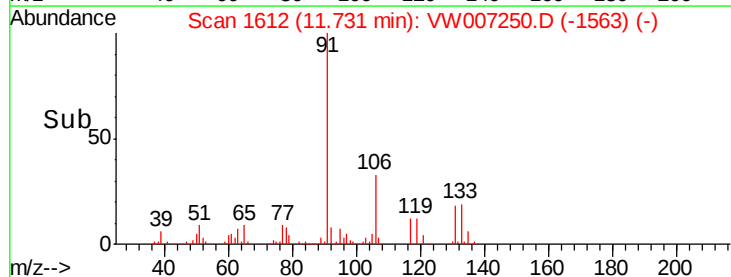
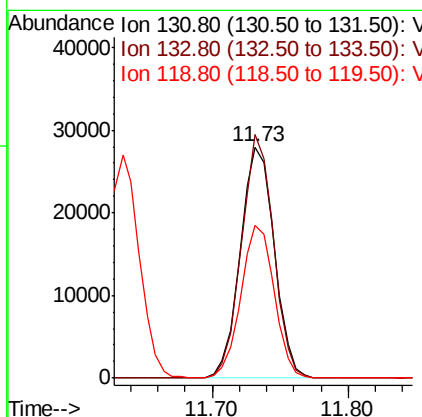
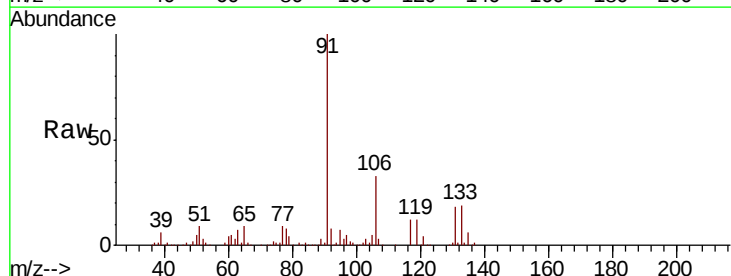
Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-5B-(8.5)MS

Tot Ion:112 Resp: 150538
Ion Ratio Lower Upper
112 100
114 34.1 23.0 34.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.333 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

Tgt Ion:131 Resp: 48931
Ion Ratio Lower Upper
131 100
133 99.4 48.0 144.2
119 65.0 32.8 98.4

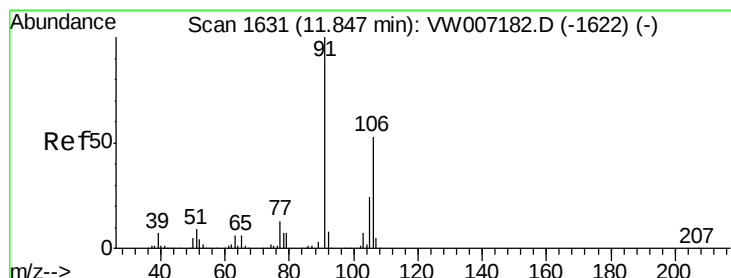
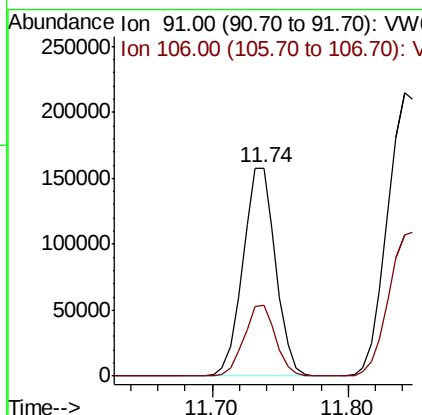
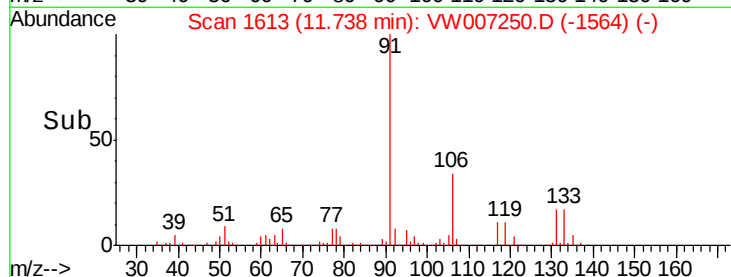
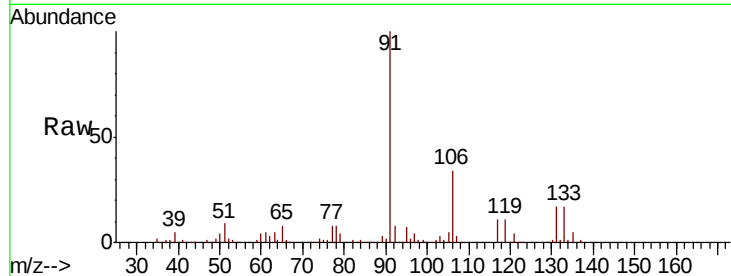




#67
Ethyl Benzene
Concen: 47.126 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

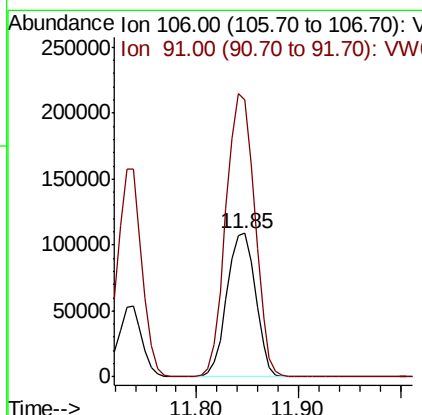
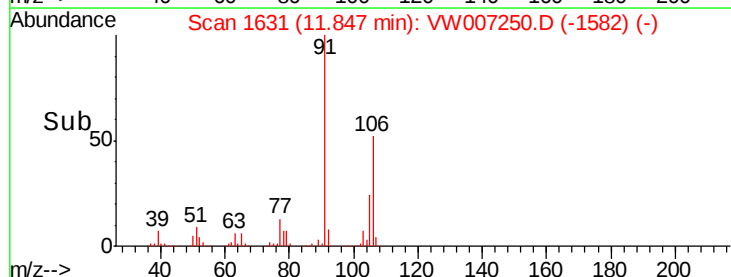
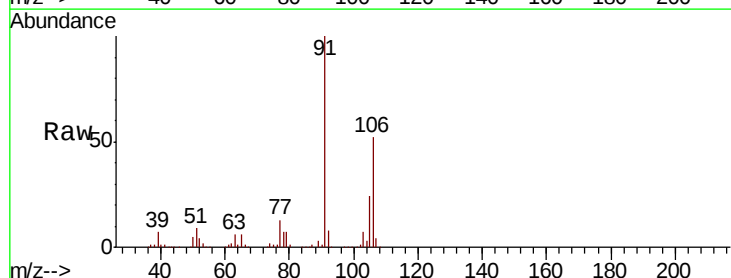
Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-5B-(8.5)MS

Tot Ion: 91 Resp: 265096
Ion Ratio Lower Upper
91 100
106 34.1 26.0 39.0



#68
m/p-Xylenes
Concen: 96.137 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

Tgt Ion: 106 Resp: 212158
Ion Ratio Lower Upper
106 100
91 198.9 160.2 240.4

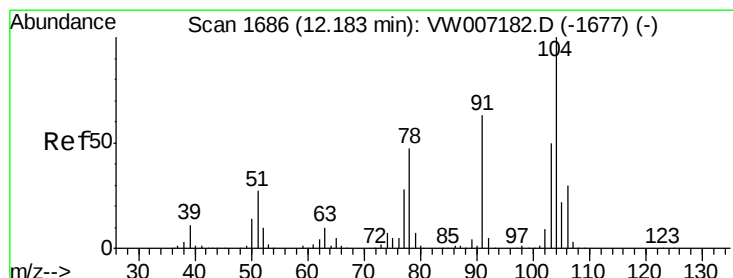
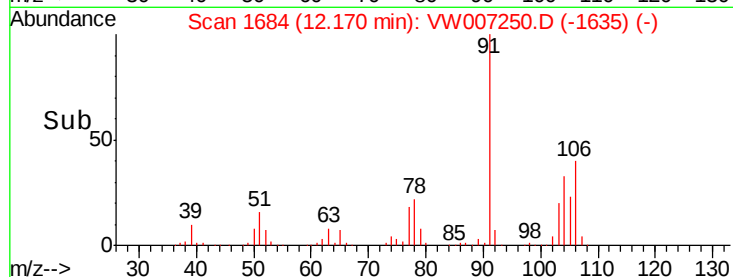
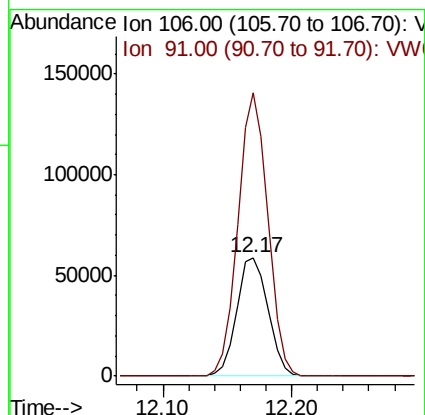
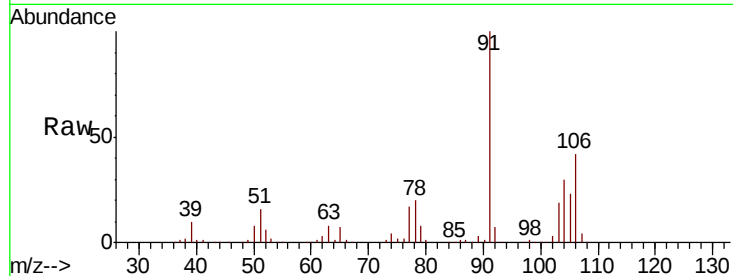




#69
o-Xylene
Concen: 47.976 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

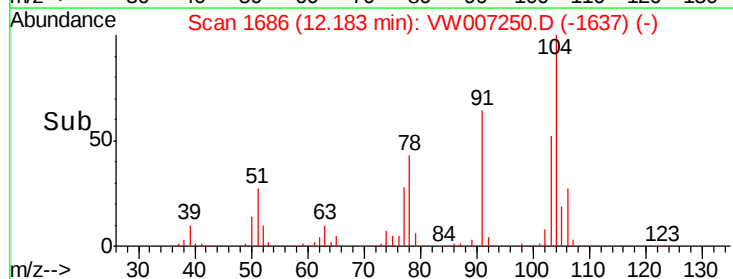
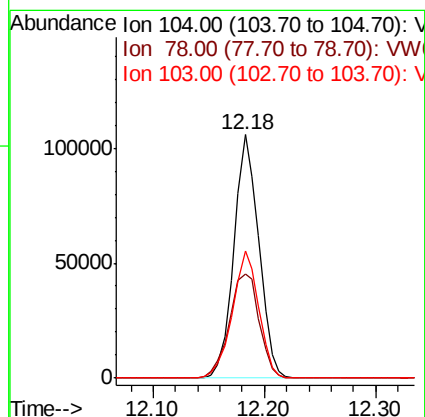
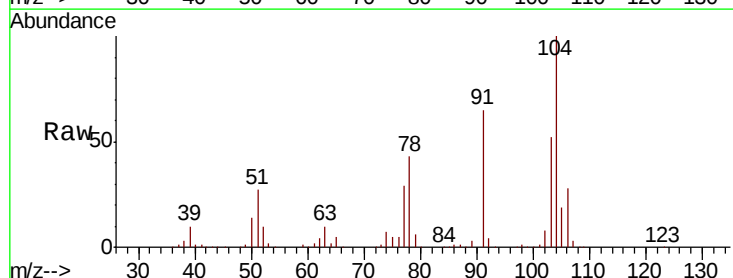
Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-5B-(8.5)MS

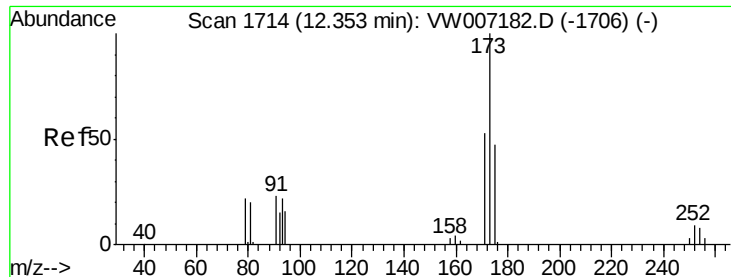
Tot Ion:106 Resp: 98918
Ion Ratio Lower Upper
106 100
91 227.2 104.9 314.7



#70
Styrene
Concen: 48.499 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

Tgt Ion:104 Resp: 163690
Ion Ratio Lower Upper
104 100
78 51.5 40.6 60.8
103 55.2 43.0 64.4





#71

Bromoform

Concen: 49.964 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-5B-(8.5)MS

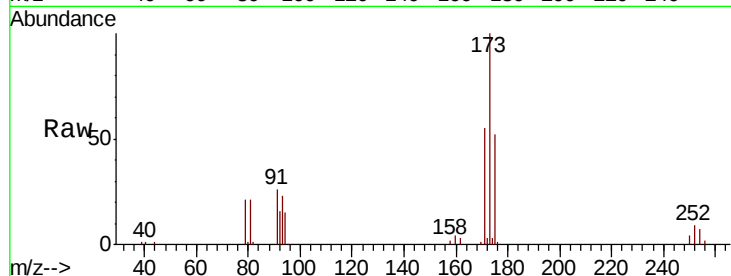
Tot Ion:173 Resp: 23841

Ion Ratio Lower Upper

173 100

175 51.6 24.0 72.0

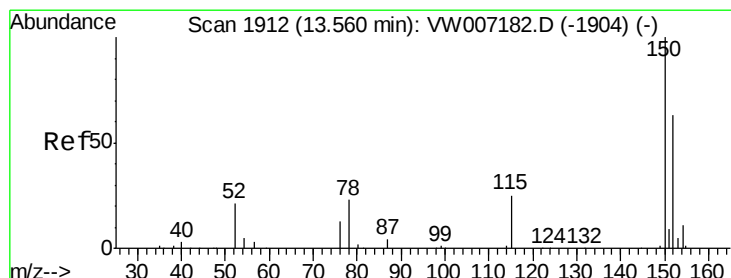
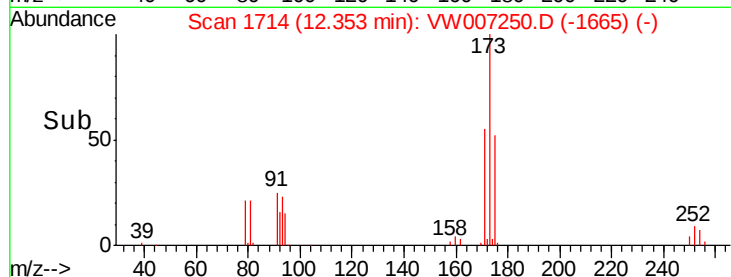
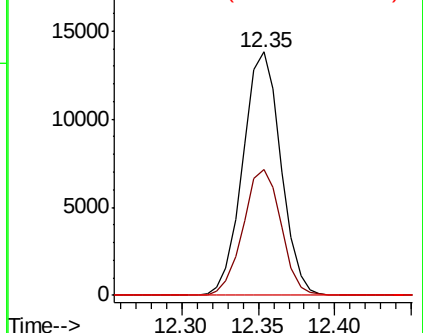
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

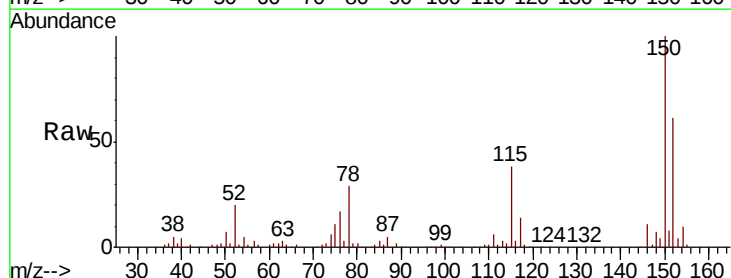
Tgt Ion:152 Resp: 61644

Ion Ratio Lower Upper

152 100

115 62.8 31.3 93.8

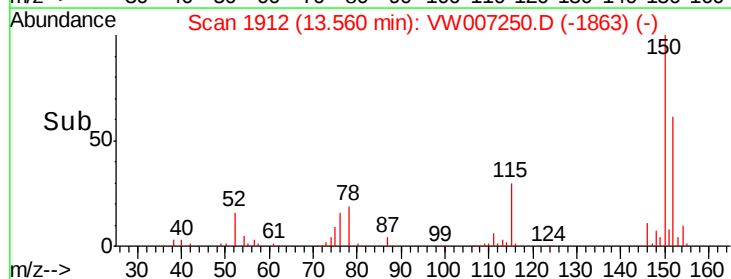
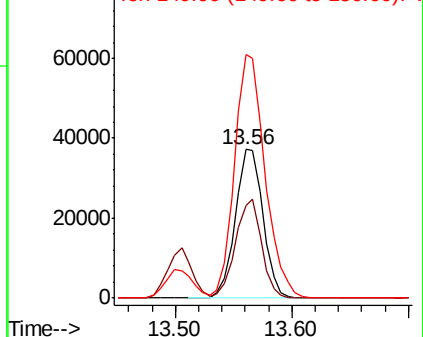
150 180.5 0.0 358.0

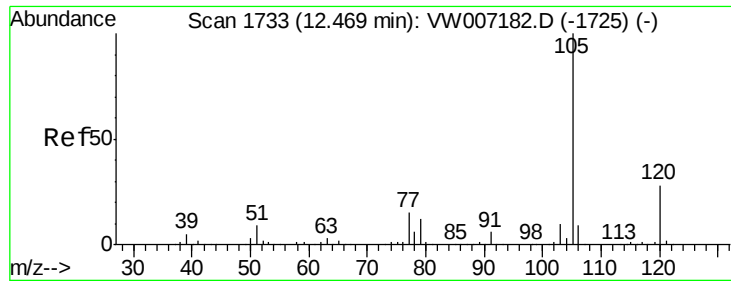


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.849 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

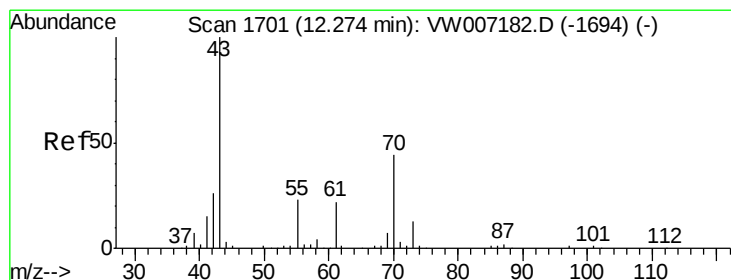
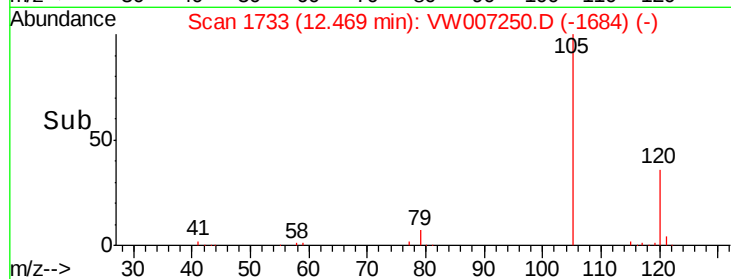
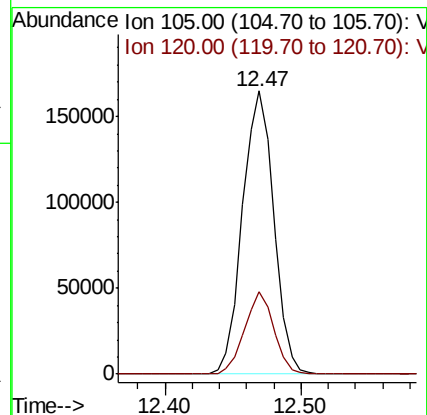
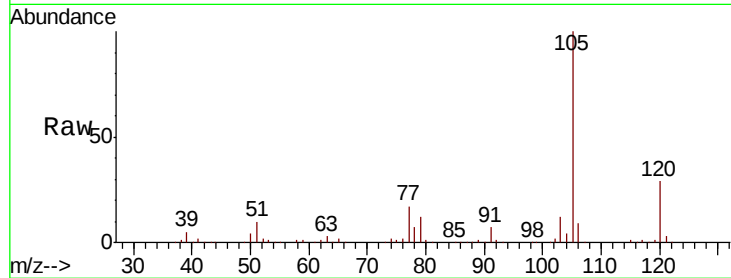
HLSP-SB-5B-(8.5)MS

Tot Ion:105 Resp: 264972

Ion Ratio Lower Upper

105 100

120 27.2 13.2 39.6



#74

N-ethyl acetate

Concen: 24.874 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Tgt Ion: 43 Resp: 22111

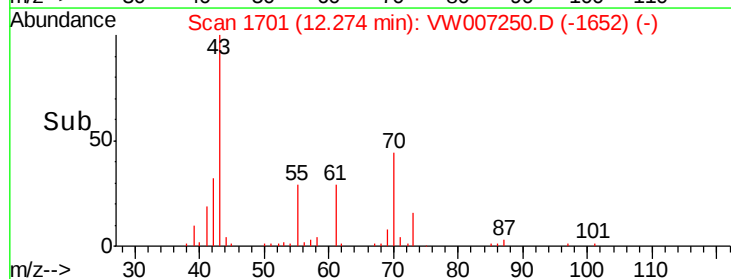
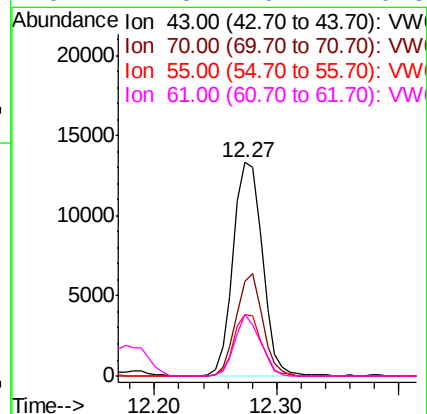
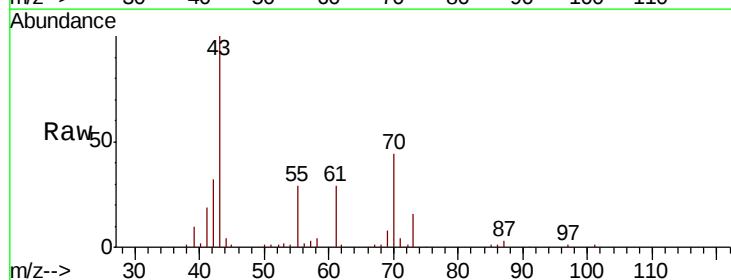
Ion Ratio Lower Upper

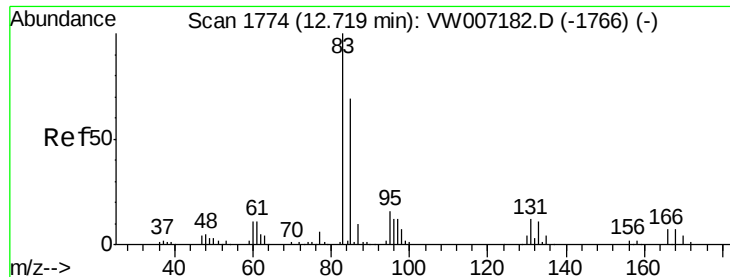
43 100

70 43.0 34.0 51.0

55 27.2 19.0 28.6

61 24.8 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 58.024 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-5B-(8.5)MS

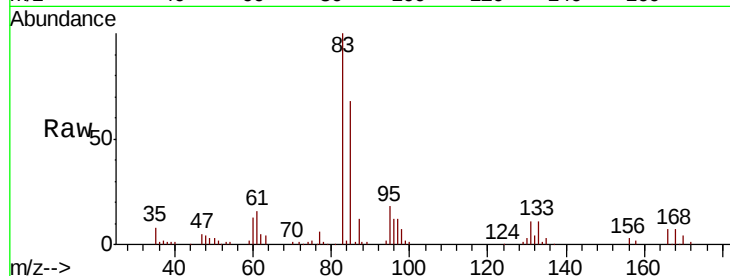
Tot Ion: 83 Resp: 37782

Ion Ratio Lower Upper

83 100

131 12.4 6.0 18.1

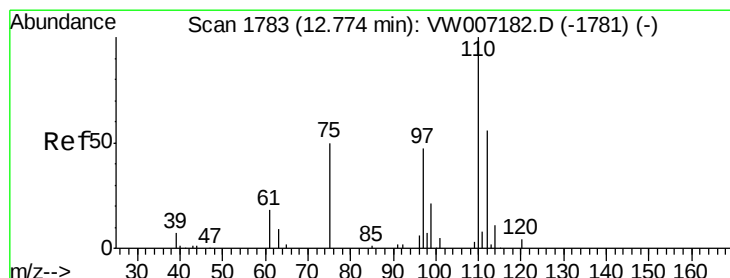
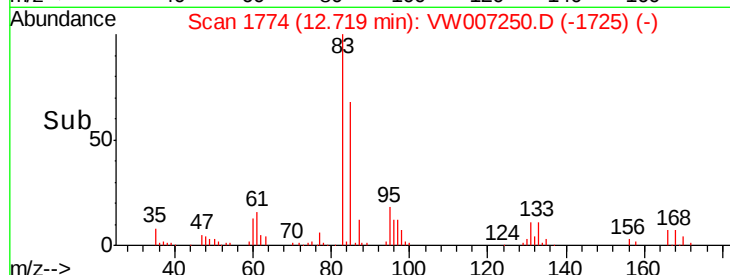
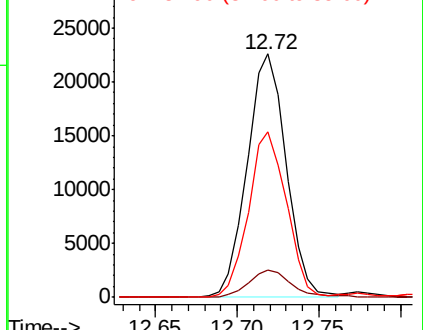
85 66.2 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 112.829 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW007250.D

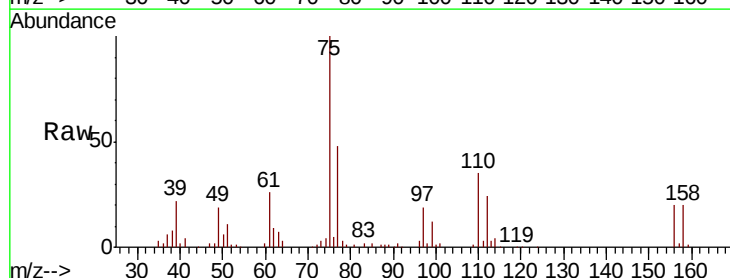
Acq: 05 Dec 2018 23:26

Tgt Ion: 75 Resp: 53855

Ion Ratio Lower Upper

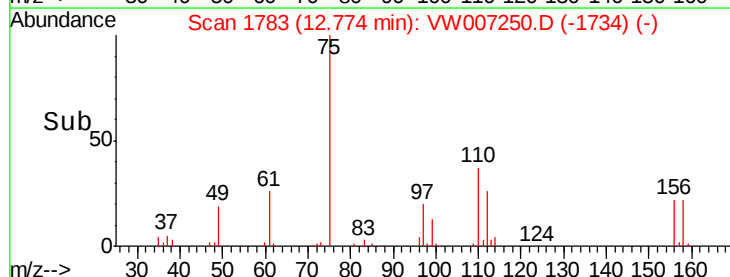
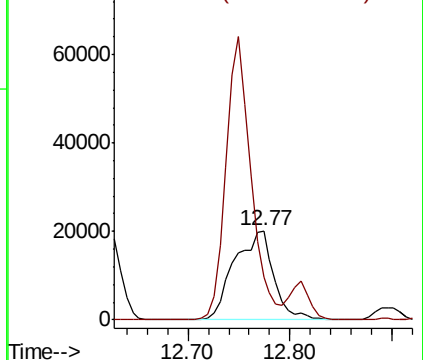
75 100

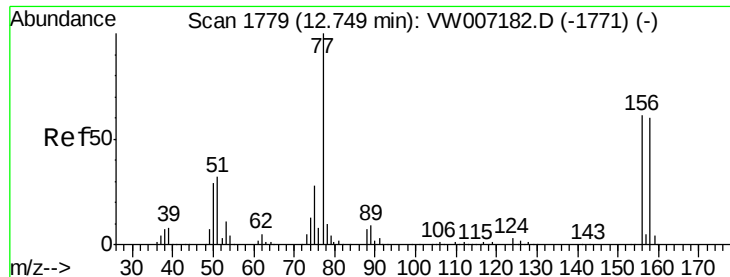
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

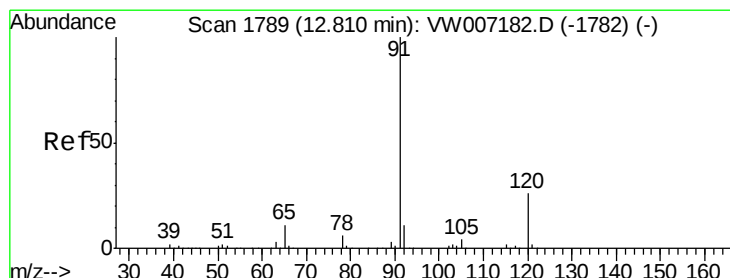
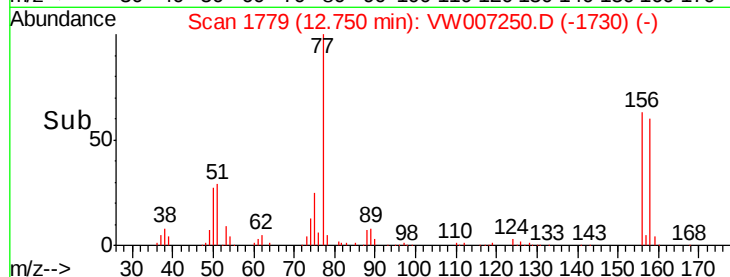
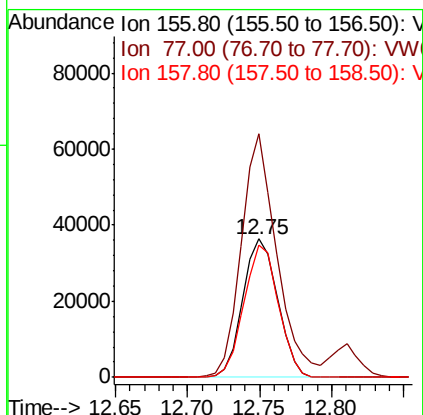
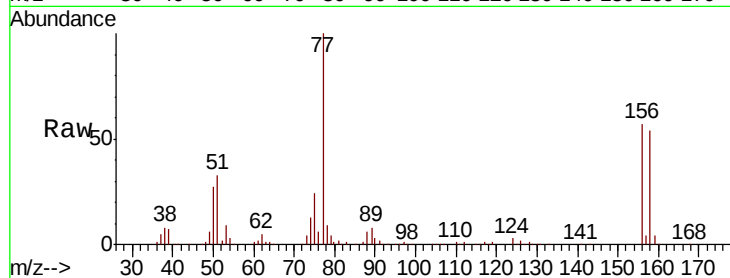




#77
Bromobenzene
Concen: 56.267 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

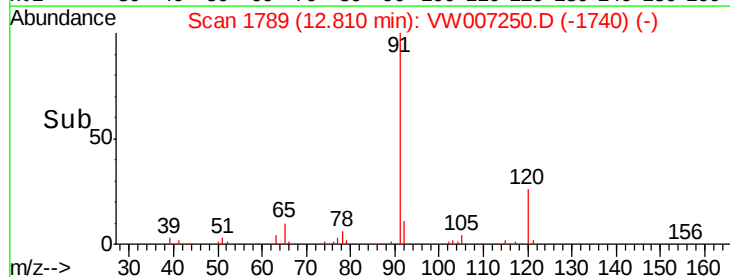
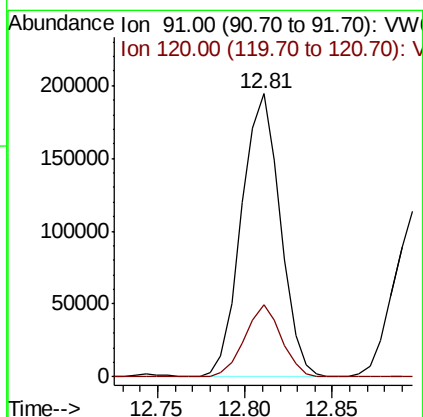
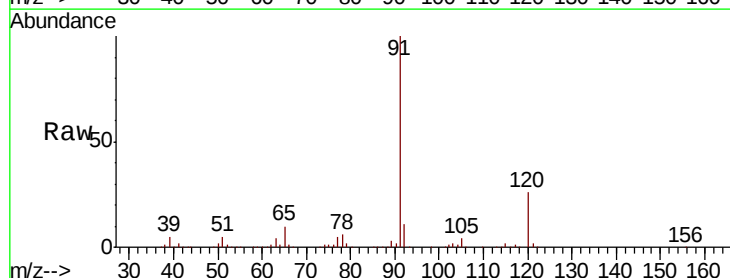
Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-5B-(8.5)MS

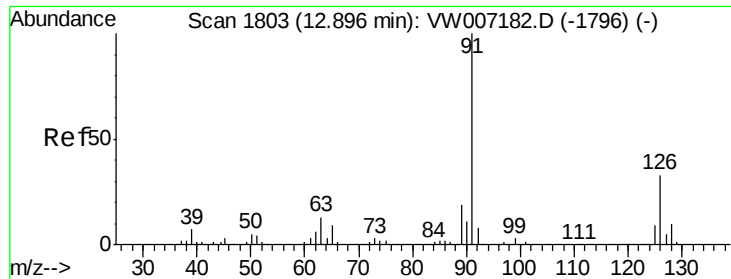
Tot Ion:156 Resp: 60894
Ion Ratio Lower Upper
156 100
77 179.8 92.0 276.1
158 94.5 49.0 147.0



#78
n-propylbenzene
Concen: 50.172 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

Tgt Ion: 91 Resp: 299688
Ion Ratio Lower Upper
91 100
120 24.2 12.5 37.5

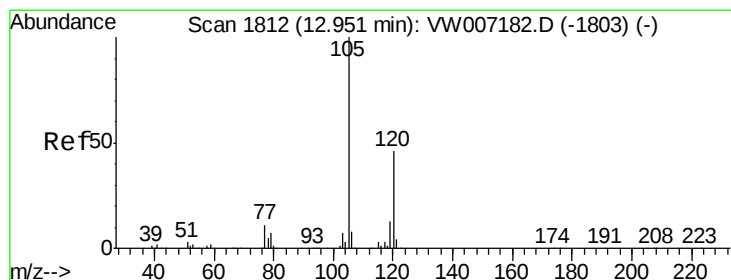
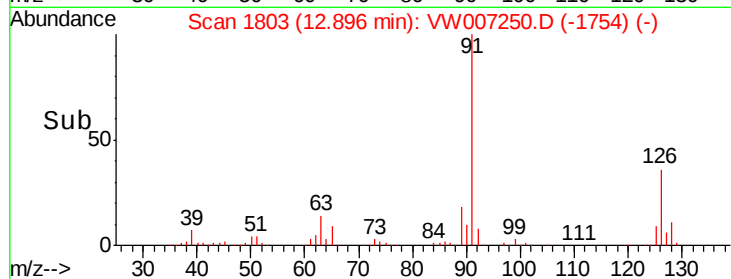
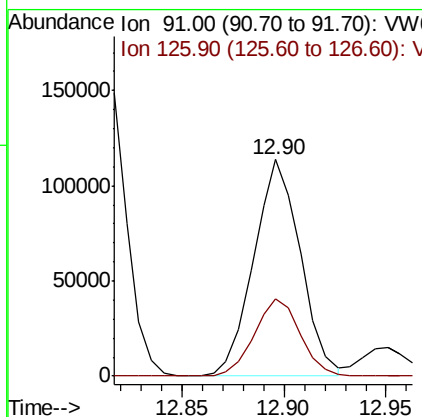
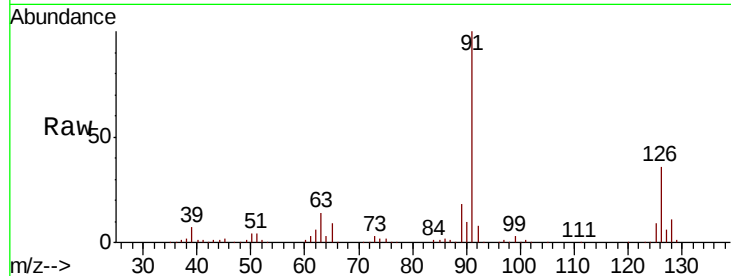




#79
 2-Chlorotoluene
 Concen: 53.532 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

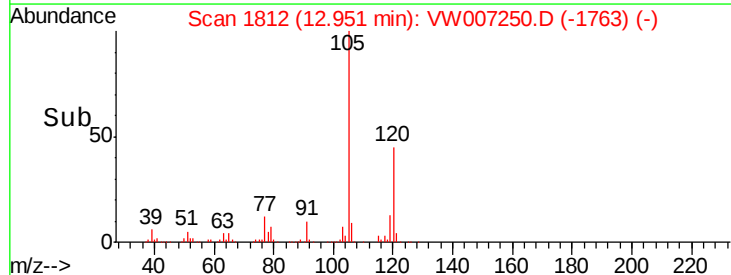
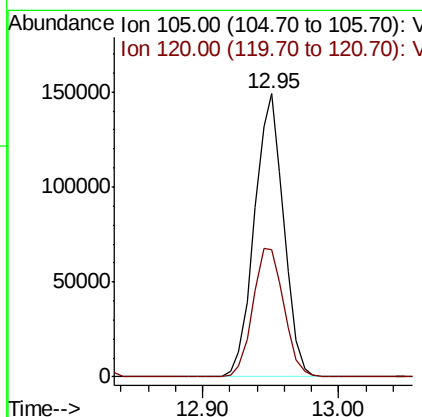
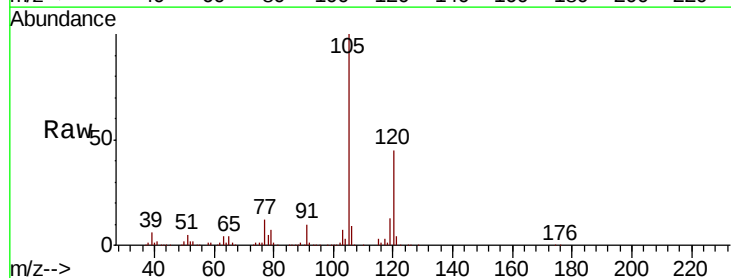
Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-5B-(8.5)MS

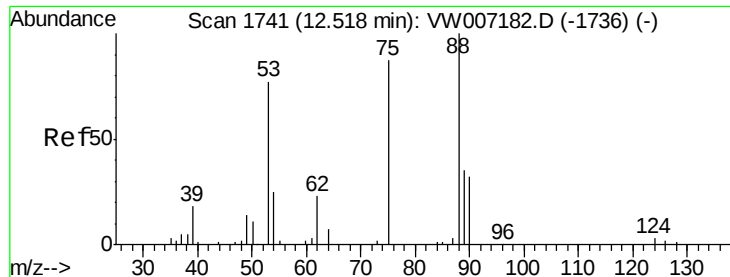
Tot Ion: 91 Resp: 180569
 Ion Ratio Lower Upper
 91 100
 126 35.2 16.7 50.1



#80
 1,3,5-Trimethylbenzene
 Concen: 52.370 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

Tgt Ion: 105 Resp: 224623
 Ion Ratio Lower Upper
 105 100
 120 48.2 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 52.417 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-5B-(8.5)MS

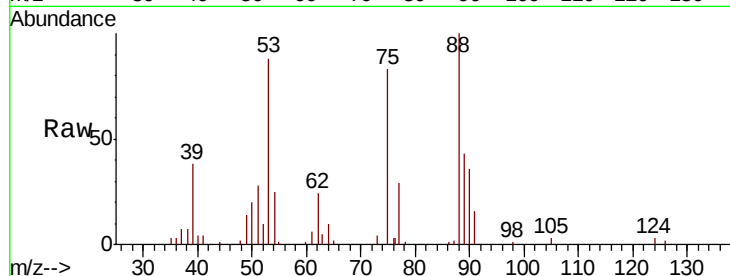
Tot Ion: 75 Resp: 11608

Ion Ratio Lower Upper

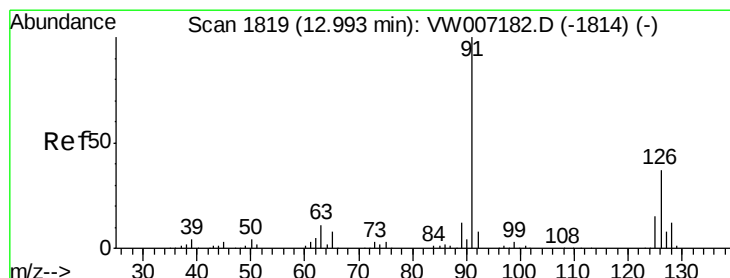
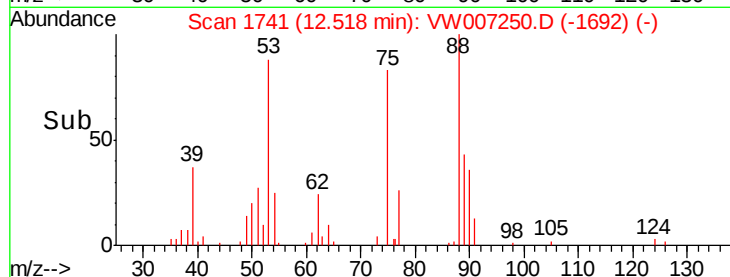
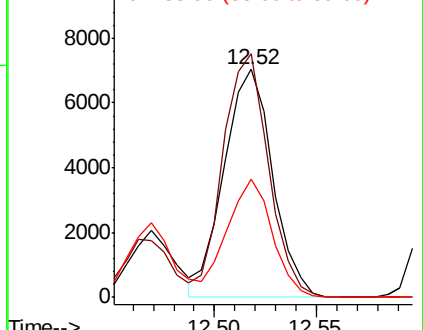
75 100

53 100.4 72.8 109.2

89 48.0 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



#82

4-Chlorotoluene

Concen: 50.987 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW007250.D

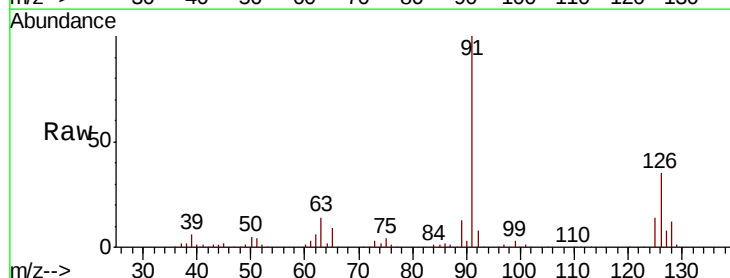
Acq: 05 Dec 2018 23:26

Tgt Ion: 91 Resp: 182964

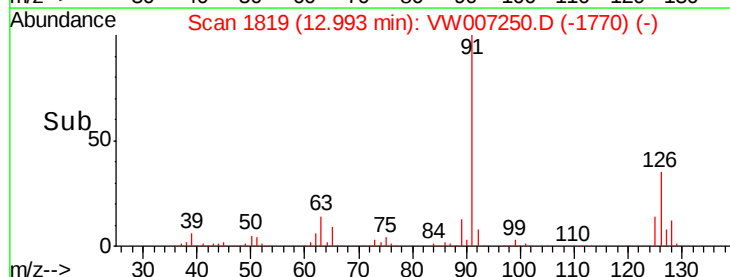
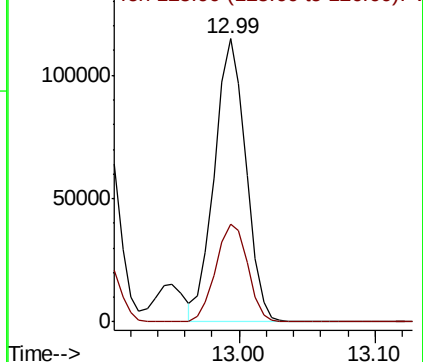
Ion Ratio Lower Upper

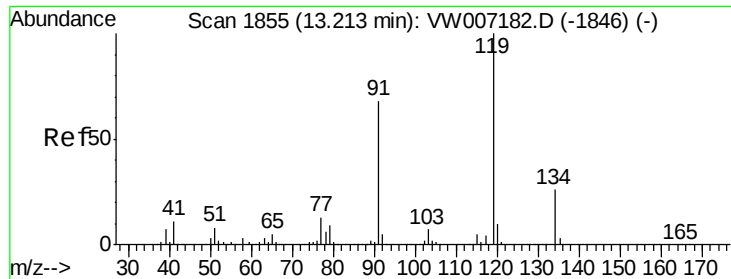
91 100

126 35.3 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 125.90 (125.60 to 126.60): V

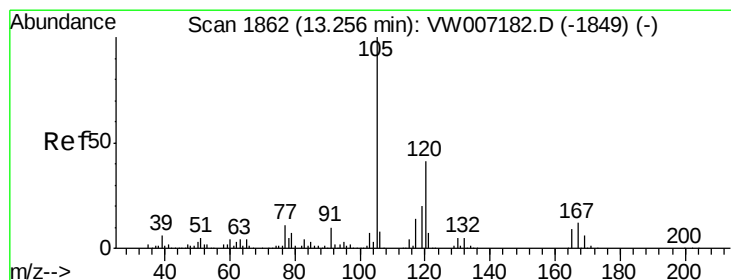
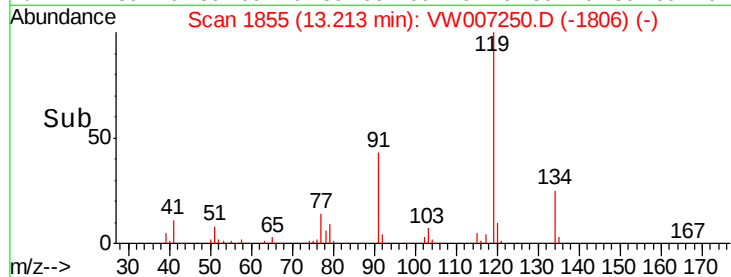
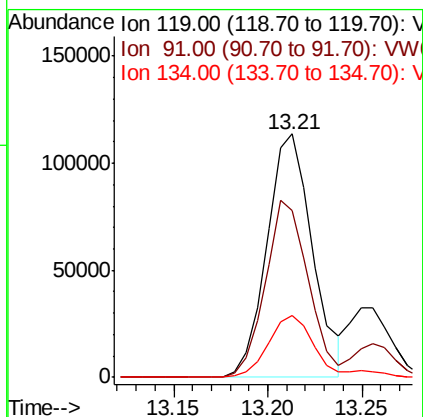
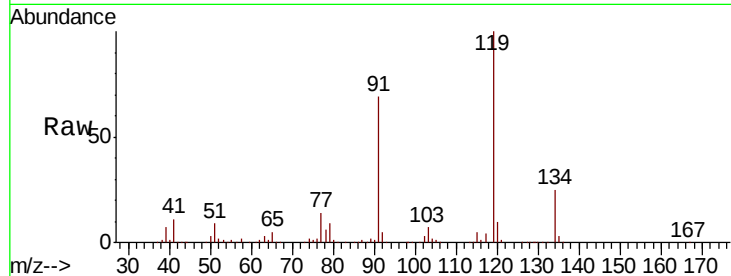




#83
tert-Butylbenzene
Concen: 50.775 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

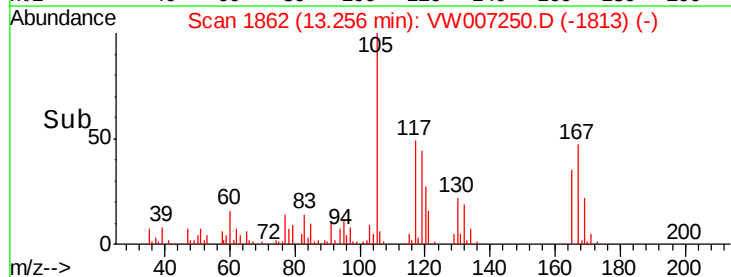
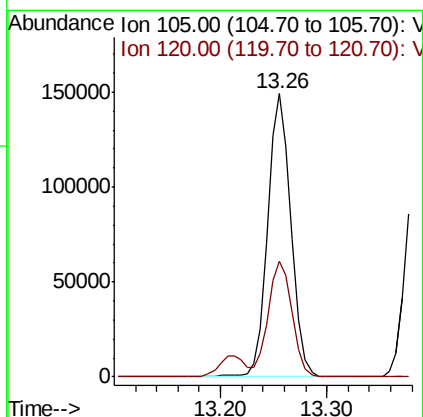
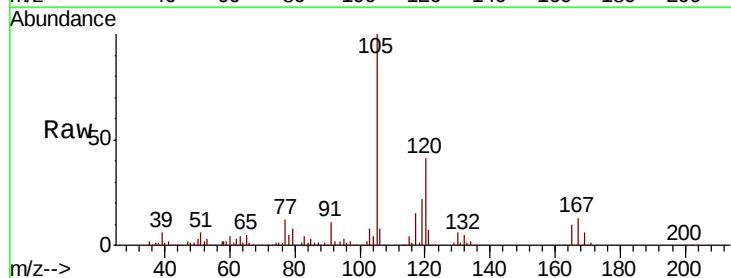
Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-5B-(8.5)MS

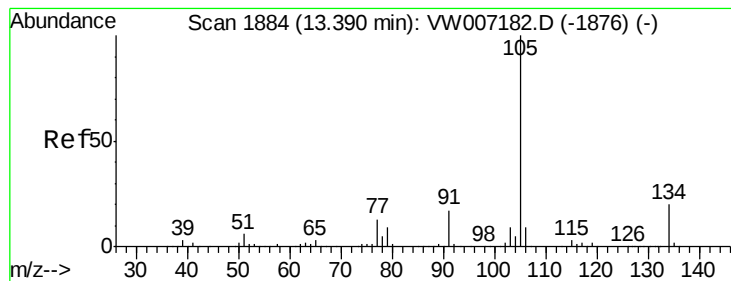
Tot Ion:119 Resp: 190317
Ion Ratio Lower Upper
119 100
91 68.6 34.0 101.8
134 25.1 13.2 39.5



#84
1,2,4-Trimethylbenzene
Concen: 51.834 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

Tgt Ion:105 Resp: 226941
Ion Ratio Lower Upper
105 100
120 41.7 21.1 63.3





#85

sec-Butylbenzene

Concen: 47.302 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

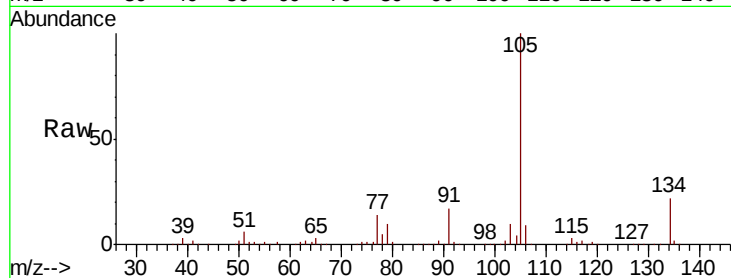
HLSP-SB-5B-(8.5)MS

Tot Ion:105 Resp: 253111

Ion Ratio Lower Upper

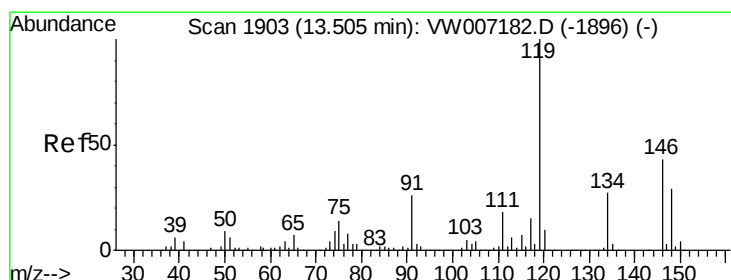
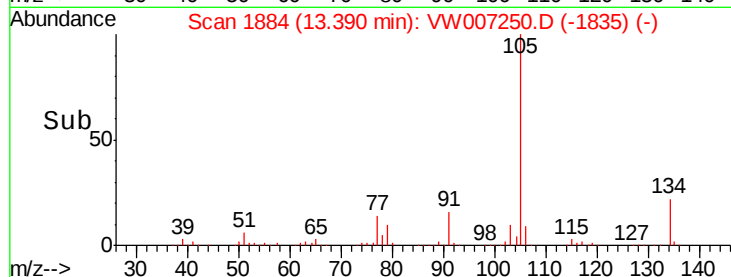
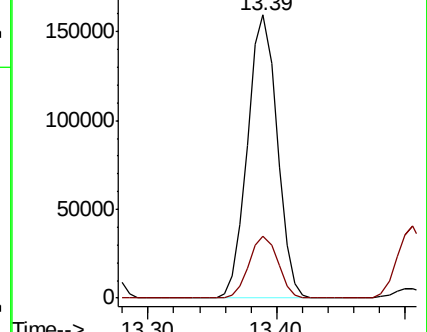
105 100

134 21.2 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.027 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

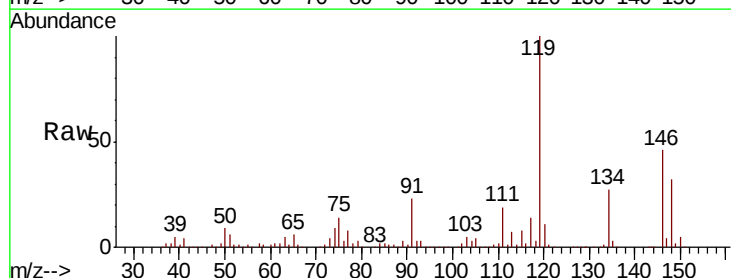
Tgt Ion:119 Resp: 224014

Ion Ratio Lower Upper

119 100

134 27.6 13.2 39.6

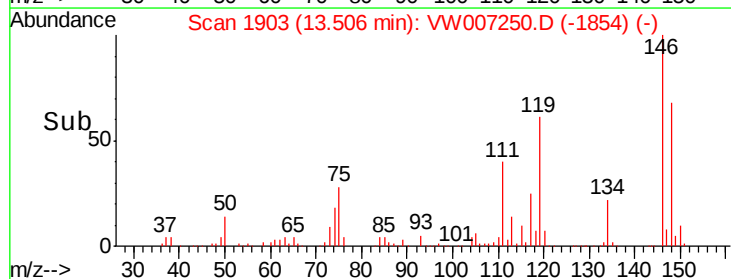
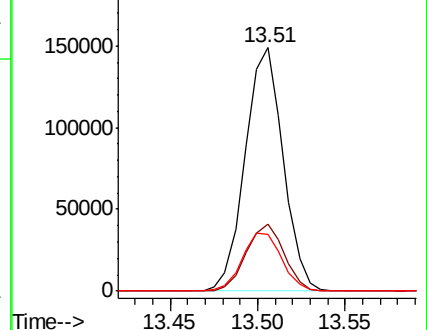
91 24.9 12.4 37.2

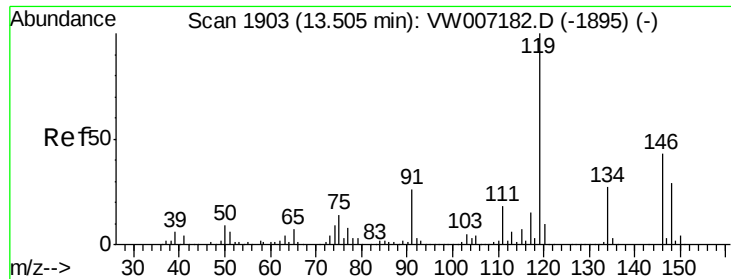


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

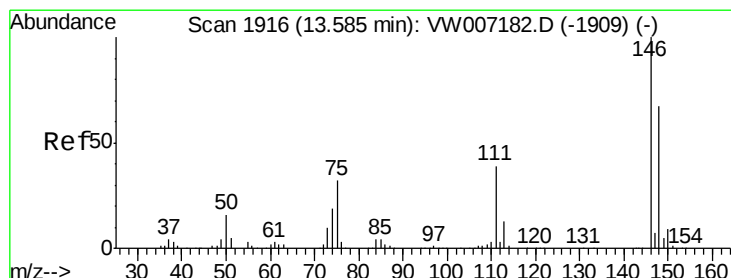
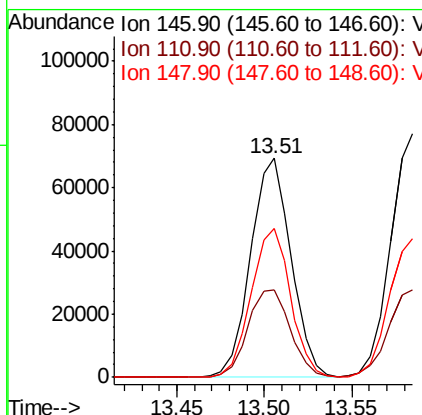
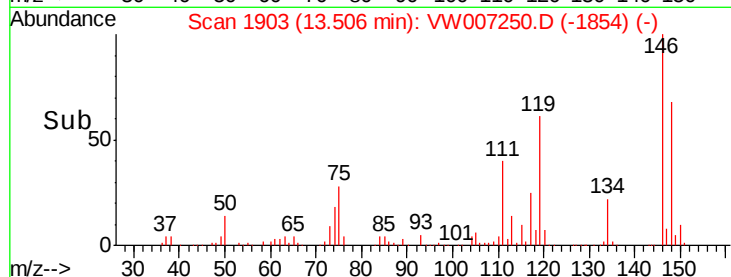
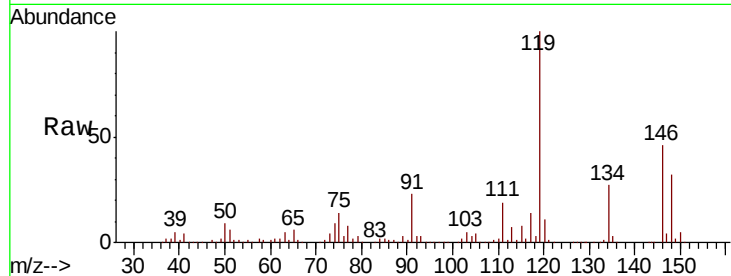




#87
 1,3-Dichlorobenzene
 Concen: 50.415 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

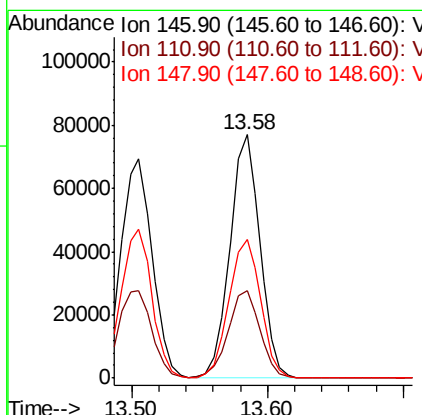
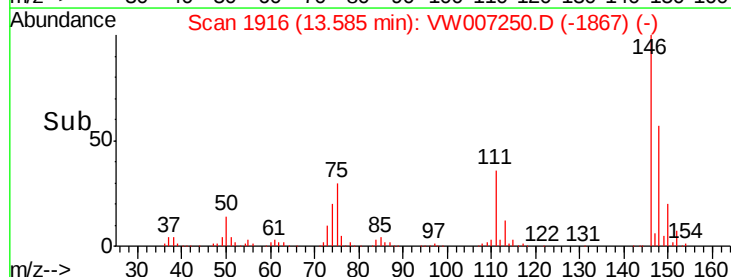
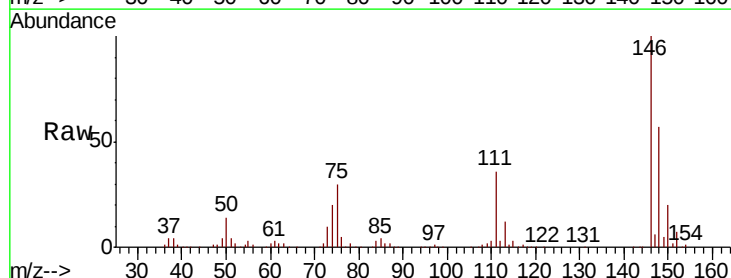
Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-5B-(8.5)MS

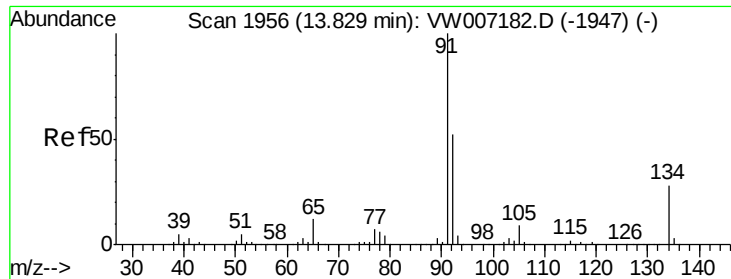
Tot Ion:146 Resp: 112004
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.1 63.4
 148 66.5 32.8 98.4



#88
 1,4-Dichlorobenzene
 Concen: 52.668 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

Tgt Ion:146 Resp: 118193
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.6 58.8
 148 60.3 32.6 98.0





#89

n-Butylbenzene

Concen: 46.016 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW007250.D

Acq: 05 Dec 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-5B-(8.5)MS

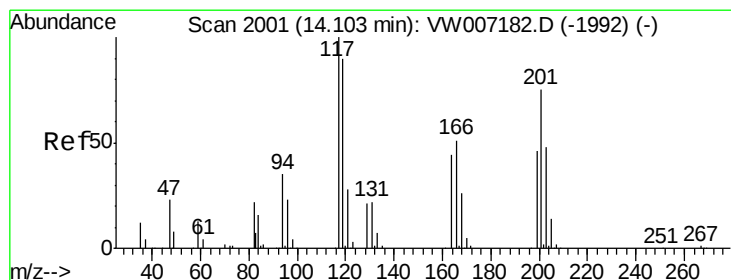
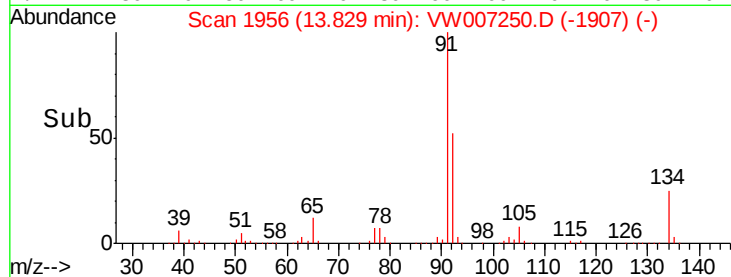
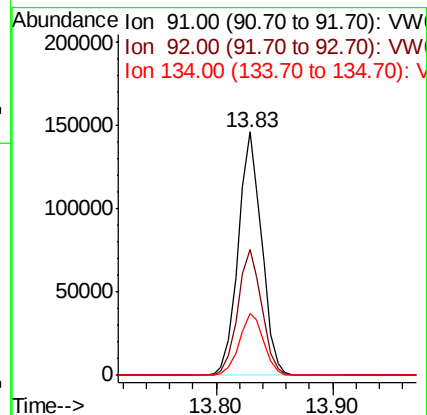
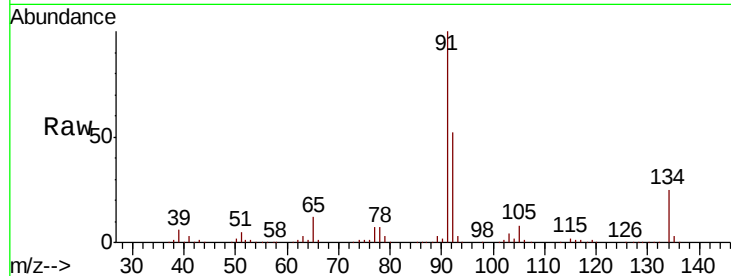
Tot Ion: 91 Resp: 204830

Ion Ratio Lower Upper

91 100

92 52.6 26.5 79.5

134 26.4 14.1 42.2



#90

Hexachloroethane

Concen: 50.695 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: VW007250.D

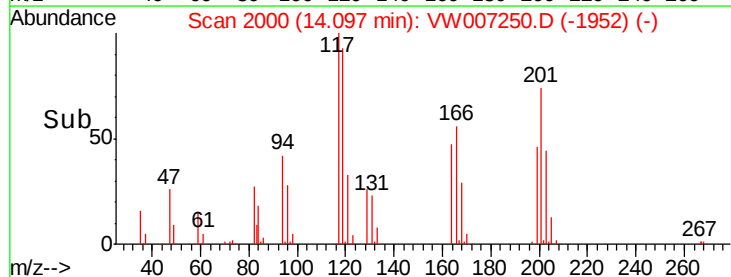
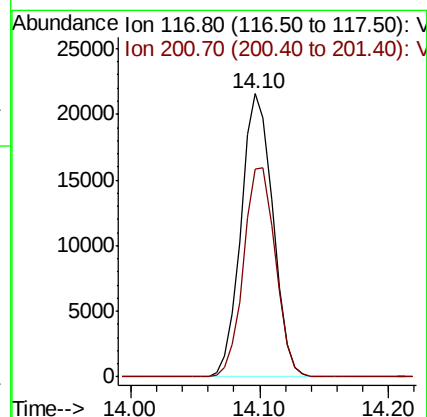
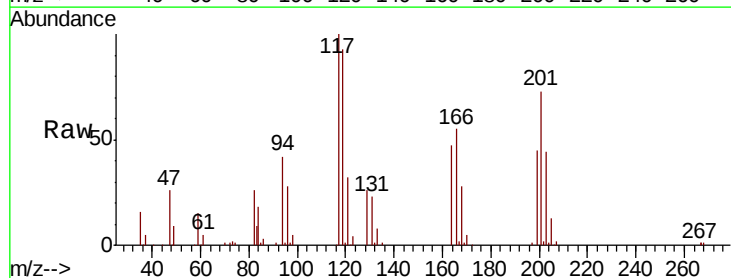
Acq: 05 Dec 2018 23:26

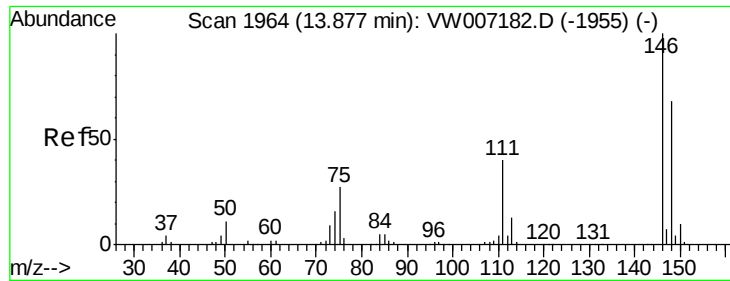
Tgt Ion: 117 Resp: 36799

Ion Ratio Lower Upper

117 100

201 73.9 36.0 108.1

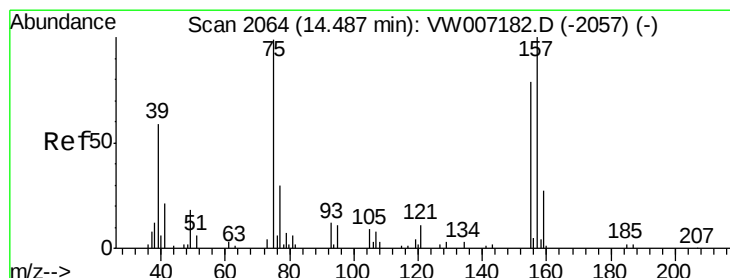
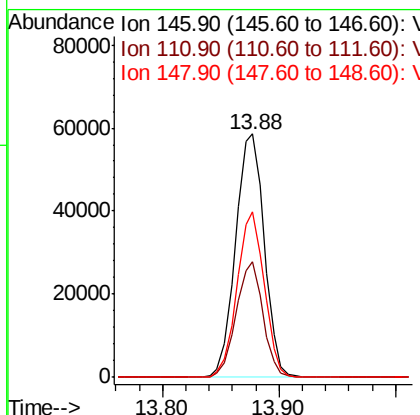
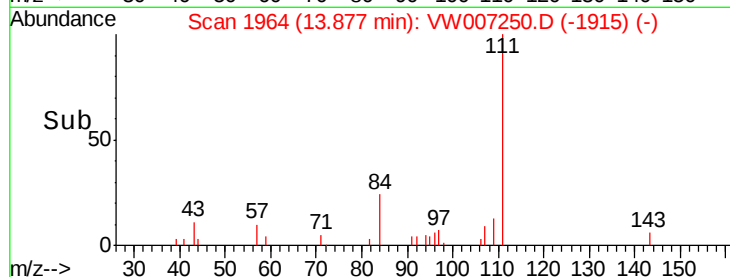
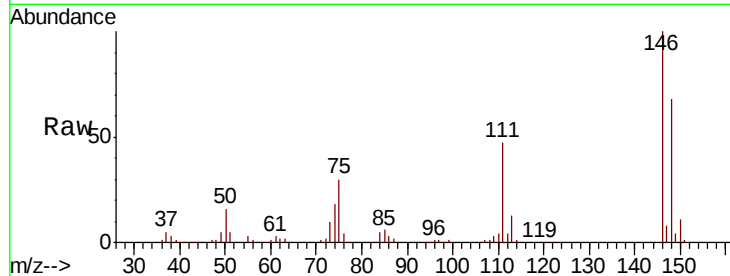




#91
 1,2-Dichlorobenzene
 Concen: 52.272 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

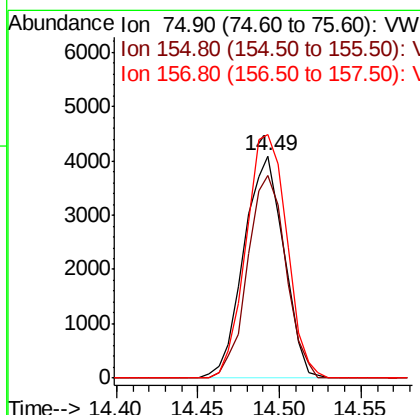
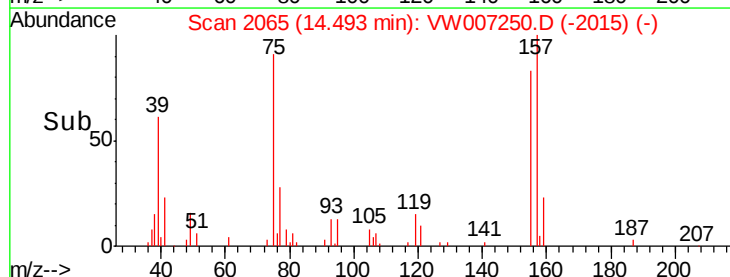
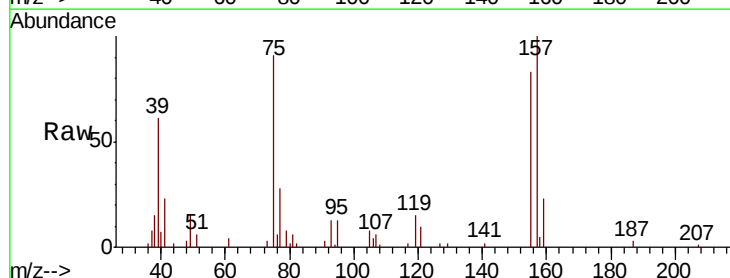
Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-5B-(8.5)MS

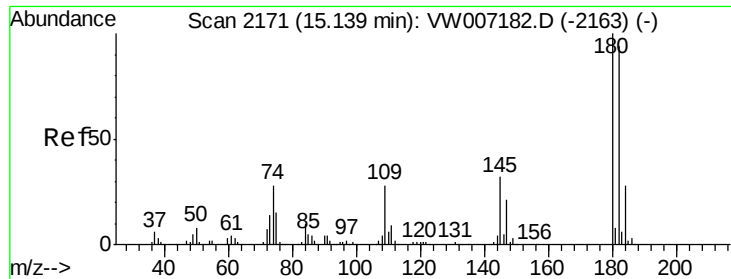
Tot Ion:146 Resp: 100534
 Ion Ratio Lower Upper
 146 100
 111 44.3 21.6 65.0
 148 64.6 32.7 98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.471 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

Tgt Ion: 75 Resp: 6997
 Ion Ratio Lower Upper
 75 100
 155 87.3 42.4 127.2
 157 111.3 55.3 165.9

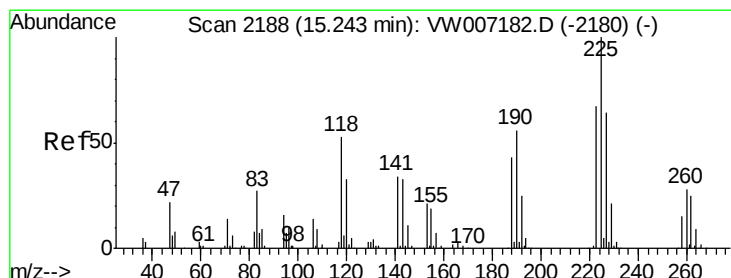
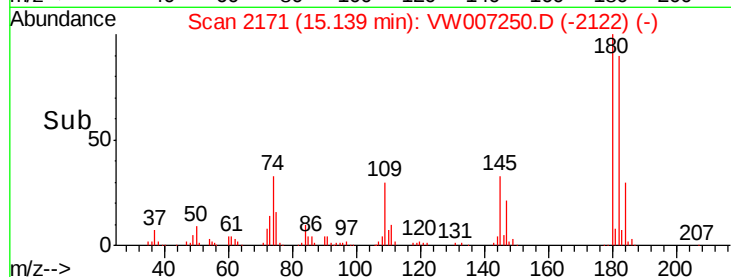
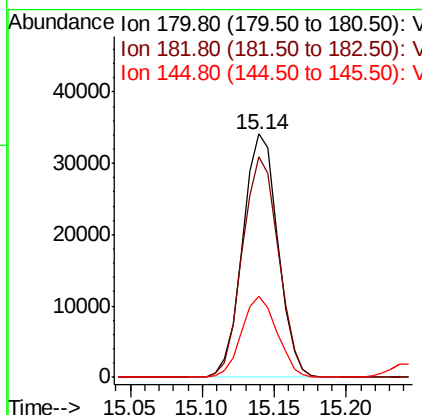
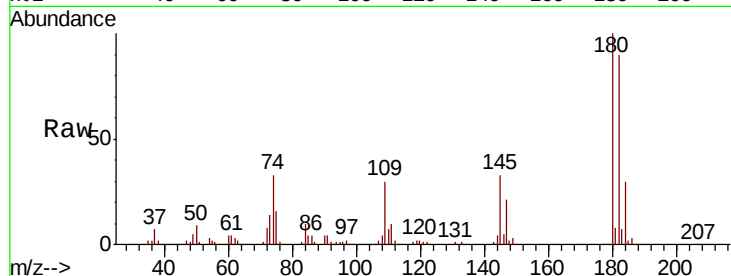




#93
 1,2,4-Trichlorobenzene
 Concen: 43.248 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

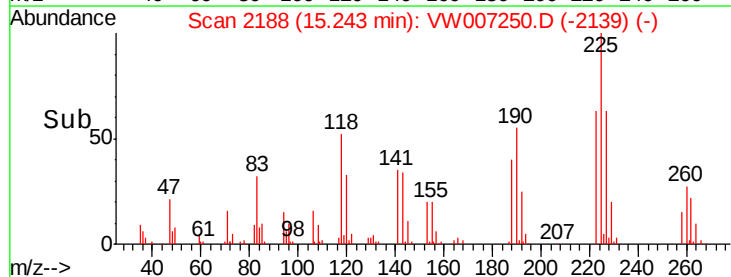
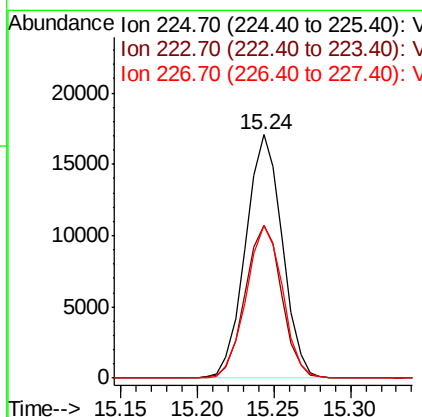
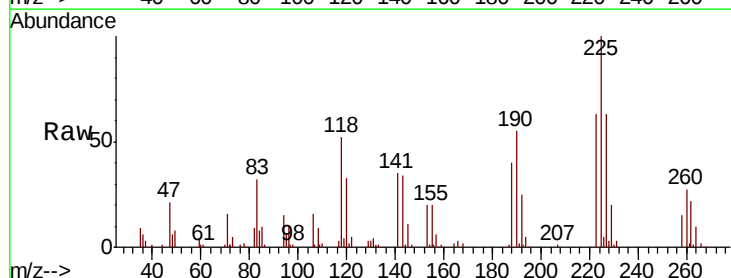
Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-5B-(8.5)MS

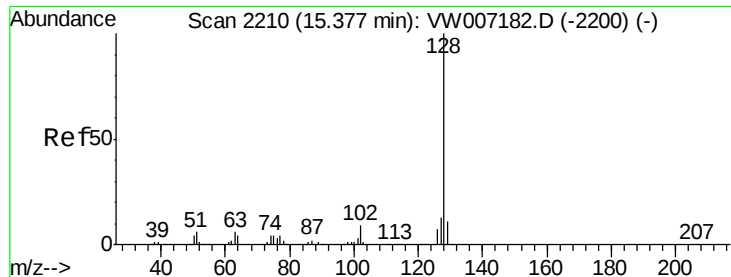
Tot Ion:180 Resp: 57643
 Ion Ratio Lower Upper
 180 100
 182 93.0 47.9 143.8
 145 33.4 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 39.634 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW007250.D
 Acq: 05 Dec 2018 23:26

Tgt Ion:225 Resp: 28487
 Ion Ratio Lower Upper
 225 100
 223 62.1 32.3 96.8
 227 62.4 32.1 96.3

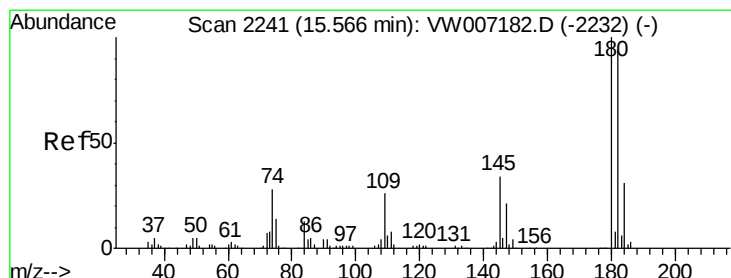
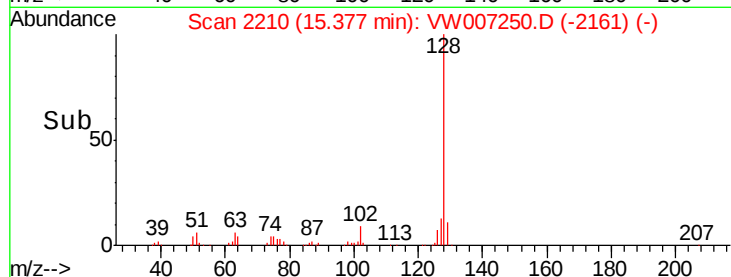
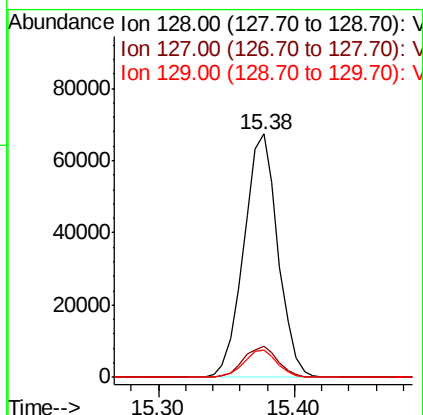
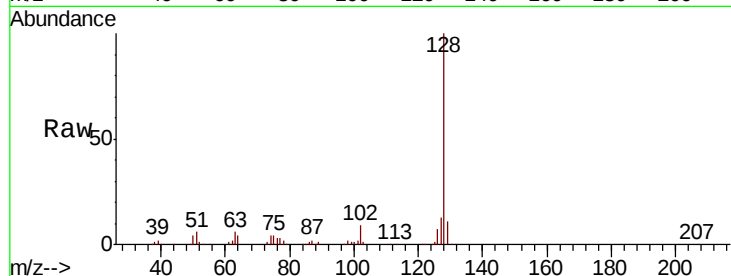




#95
Naphthalene
Concen: 49.307 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

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

Tot Ion:128 Resp: 117781
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 42.755 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW007250.D
Acq: 05 Dec 2018 23:26

Tgt Ion:180 Resp: 48052
Ion Ratio Lower Upper
180 100
182 97.2 47.4 142.2
145 35.5 17.6 52.8

