

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120418\
 Data File : VW007200.D
 Acq On : 04 Dec 2018 20:45
 Operator : SY/AP
 Sample : J6206-10
 Misc : 4.86G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-6B-(5)

Quant Time: Dec 05 05:08:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 14:18:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	118652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	194887	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	179124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	89357	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	47427	42.93	ug/l	0.00
Spiked Amount			Recovery	=	85.86%	
35) Dibromofluoromethane	7.88	113	46625	41.78	ug/l	0.00
Spiked Amount			Recovery	=	83.56%	
50) Toluene-d8	10.33	98	197378	40.15	ug/l	0.00
Spiked Amount			Recovery	=	80.30%	
62) 4-Bromofluorobenzene	12.62	95	75475	40.68	ug/l	0.00
Spiked Amount			Recovery	=	81.36%	

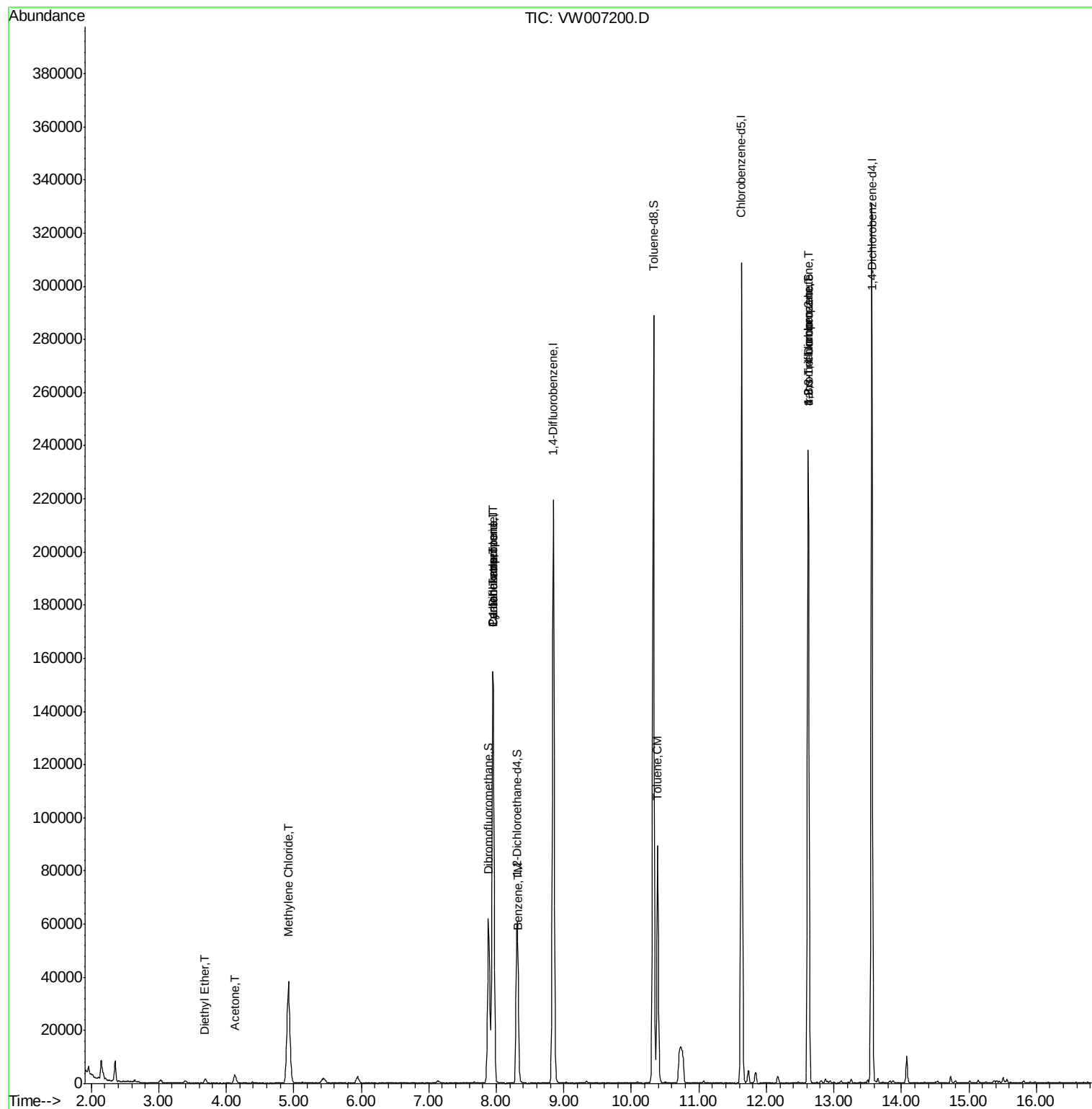
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	860	1.537	ug/l	96
11) Tert butyl alcohol	5.14	59	265	Below Cal	#	75
16) Acetone	4.14	43	5611	21.455	ug/l	94
20) Methylene Chloride	4.92	84	29235	18.961	ug/l	96
31) Cyclohexane	7.95	56	2393	1.092	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	8715	4.596	ug/l #	49
38) Carbon Tetrachloride	7.95	117	11962	6.180	ug/l #	17
40) Benzene	8.33	78	5674	1.091	ug/l	98
52) Toluene	10.39	92	38707	10.701	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	38133	28.397	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	38133	118.789	ug/l #	13

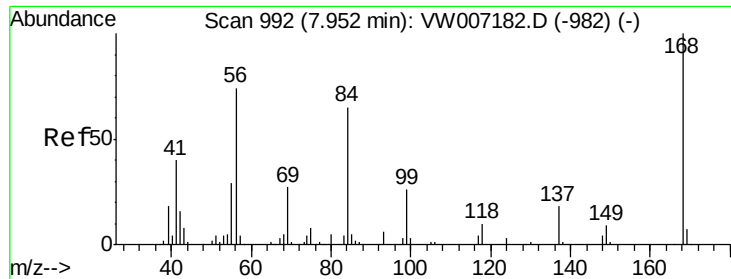
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120418\
Data File : VW007200.D
Acq On : 04 Dec 2018 20:45
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Sample : J6206-10
Misc : 4.86G/5ML/MSVOA W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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HLSP-SB-6B-(5)

Quant Time: Dec 05 05:08:30 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 04 14:18:19 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW007200.D

Acq: 04 Dec 2018 20:45

Instrument :

MSVOA_W

ClientSampleId :

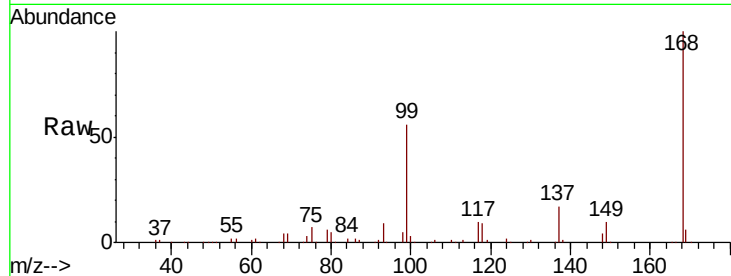
HLSP-SB-6B-(5)

Tot Ion:168 Resp: 118652

Ion Ratio Lower Upper

168 100

99 56.5 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

60000

50000

40000

30000

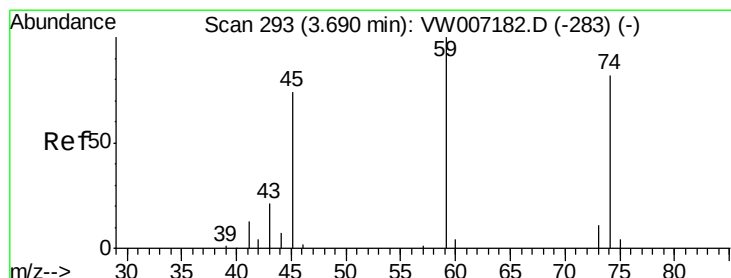
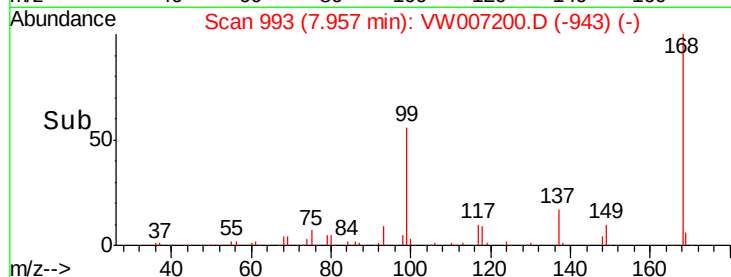
20000

10000

0

7.90 8.00 8.10

Time-->



#8

Diethyl Ether

Concen: 1.537 ug/l

RT: 3.68 min Scan# 292

Delta R.T. -0.01 min

Lab File: VW007200.D

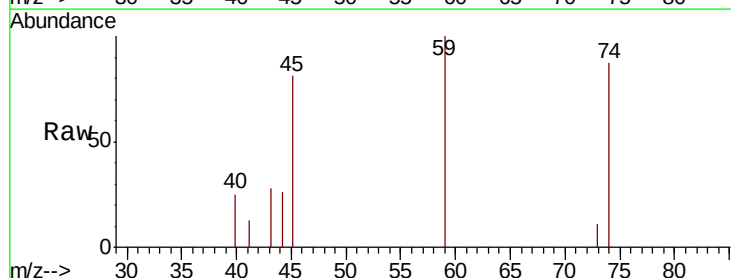
Acq: 04 Dec 2018 20:45

Tgt Ion: 74 Resp: 860

Ion Ratio Lower Upper

74 100

45 98.5 47.2 141.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

400

300

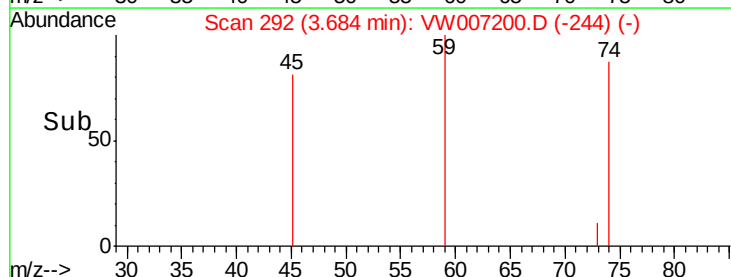
200

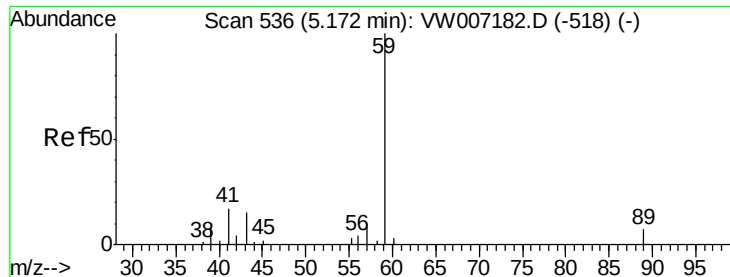
100

0

3.65 3.70 3.75

Time-->

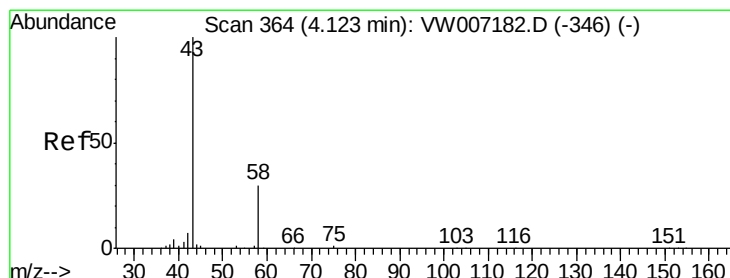
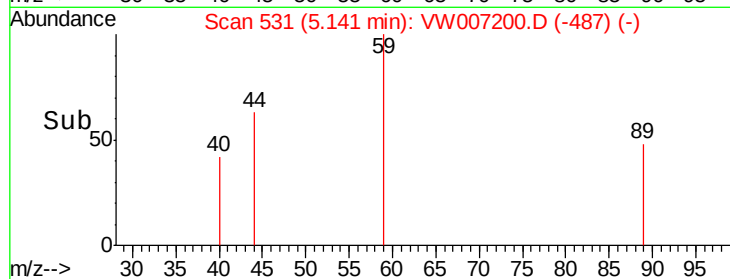
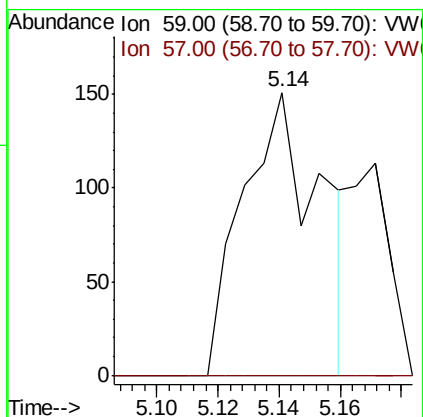
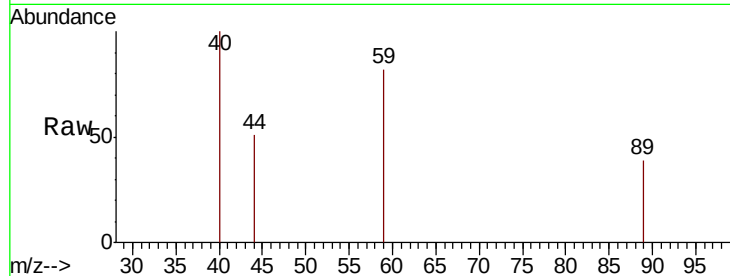




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.14 min Scan# 531
Delta R.T. -0.03 min
Lab File: VW007200.D
Acq: 04 Dec 2018 20:45

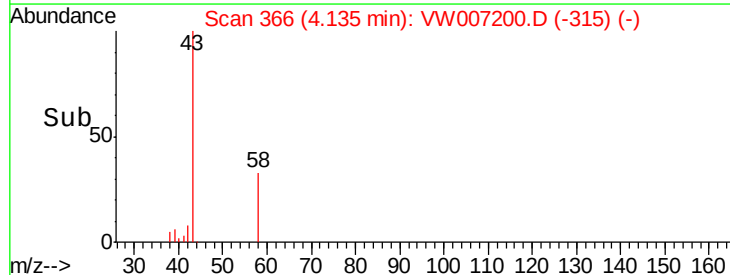
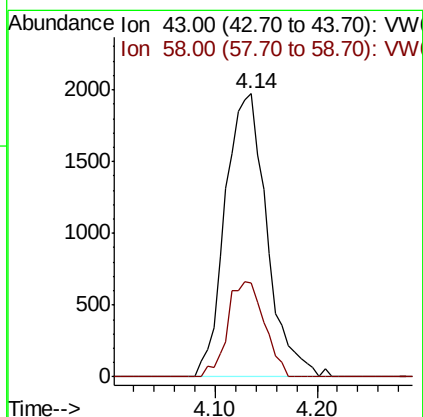
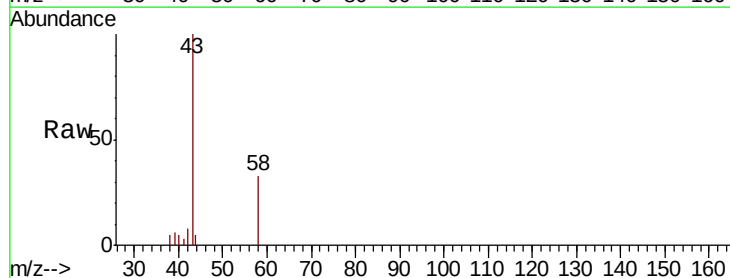
Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-6B-(5)

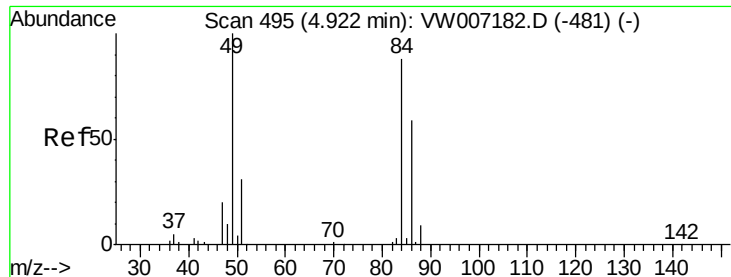
Tot Ion: 59 Resp: 265
Ion Ratio Lower Upper
59 100
57 0.0 7.1 10.7#



#16
Acetone
Concen: 21.455 ug/l
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW007200.D
Acq: 04 Dec 2018 20:45

Tgt Ion: 43 Resp: 5611
Ion Ratio Lower Upper
43 100
58 33.2 23.8 35.8

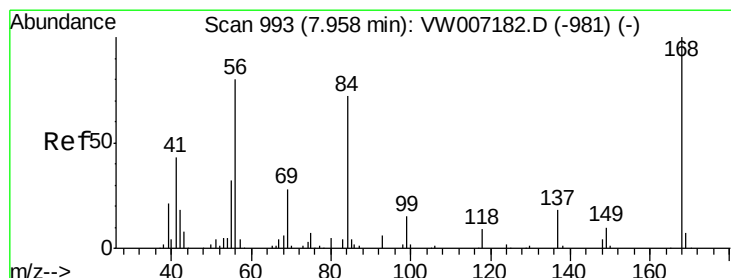
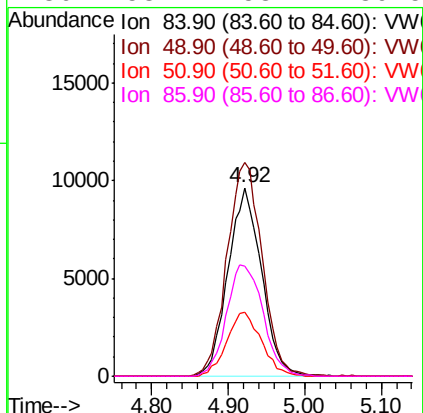
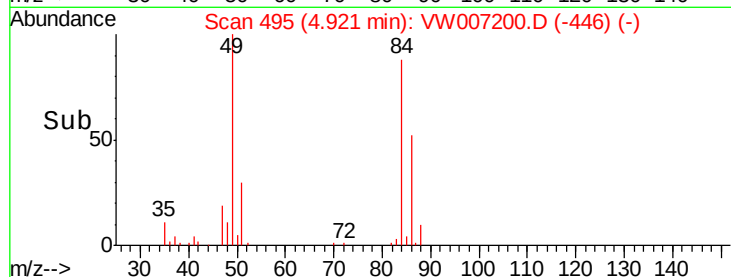
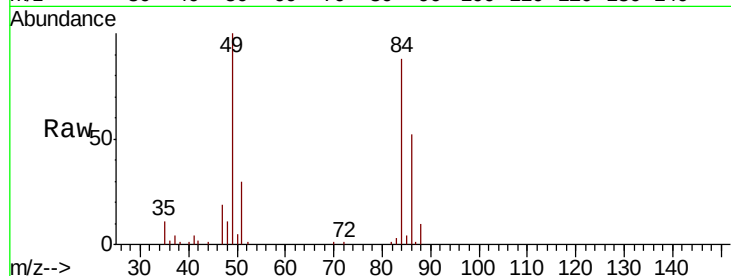




#20
Methylene Chloride
Concen: 18.961 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007200.D
Acq: 04 Dec 2018 20:45

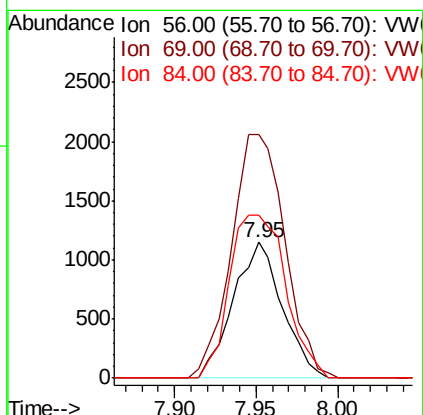
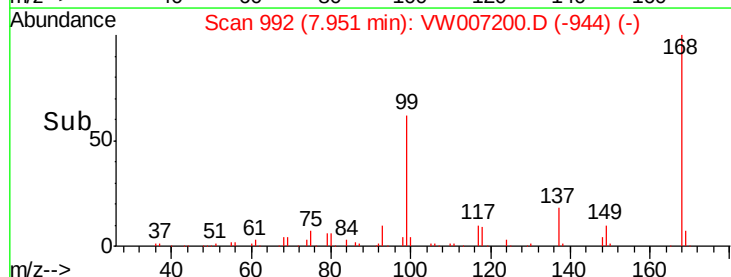
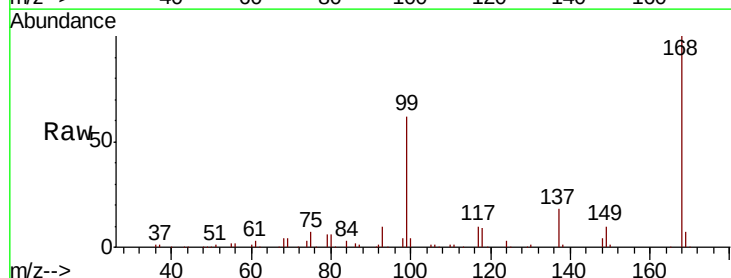
Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-6B-(5)

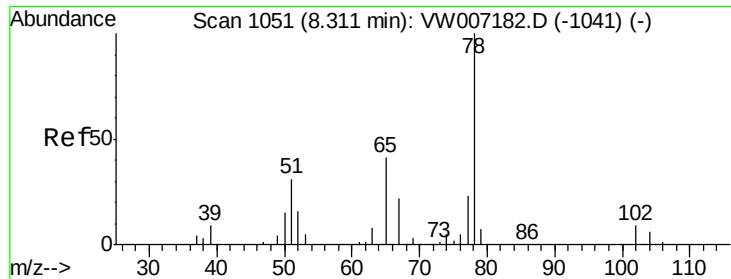
Tot Ion:	84	Resp:	29235
Ion	Ratio	Lower	Upper
84	100		
49	113.5	90.6	135.8
51	34.1	27.6	41.4
86	58.7	53.7	80.5



#31
Cyclohexane
Concen: 1.092 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW007200.D
Acq: 04 Dec 2018 20:45

Tgt Ion:	56	Resp:	2393
Ion	Ratio	Lower	Upper
56	100		
69	179.7	28.2	42.2#
84	120.5	72.1	108.1#

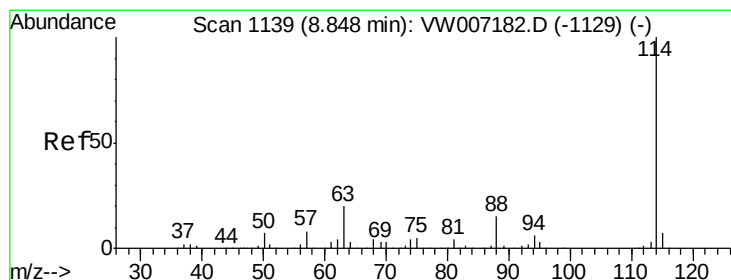
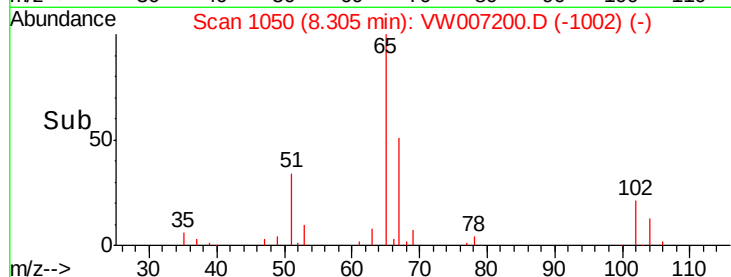
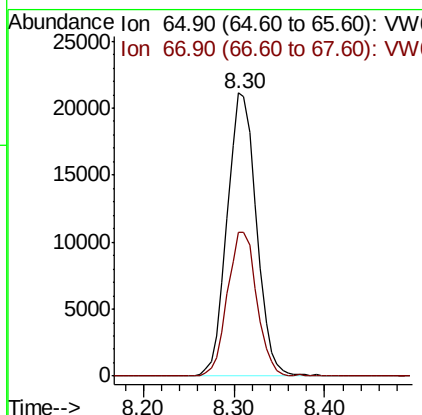
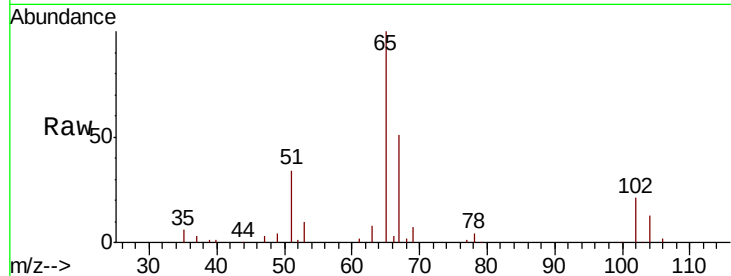




#33
 1,2-Dichloroethane-d4
 Concen: 42.932 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW007200.D
 Acq: 04 Dec 2018 20:45

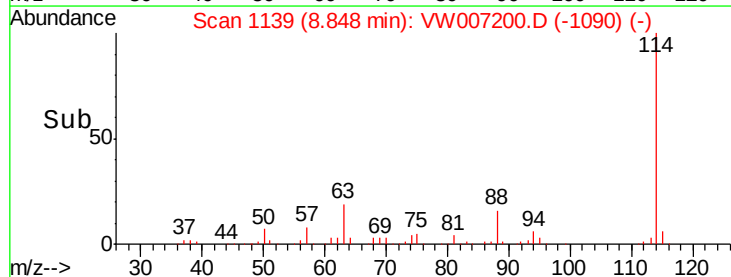
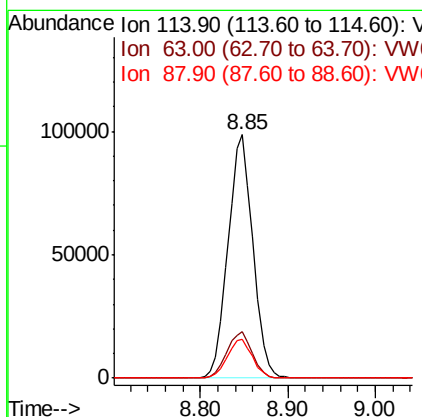
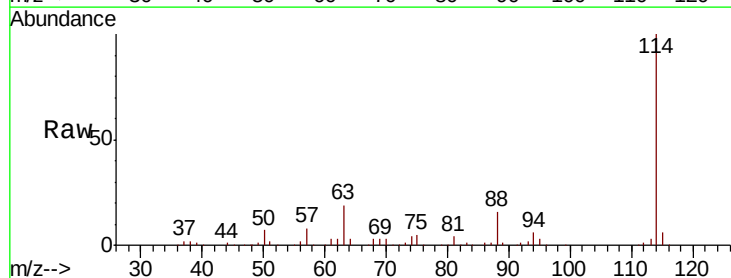
Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-6B-(5)

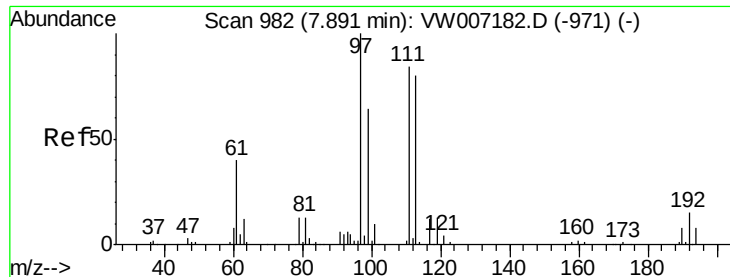
Tot Ion: 65 Resp: 47427
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007200.D
 Acq: 04 Dec 2018 20:45

Tgt Ion: 114 Resp: 194887
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 40.2
 88 16.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 41.782 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW007200.D

Acq: 04 Dec 2018 20:45

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-6B-(5)

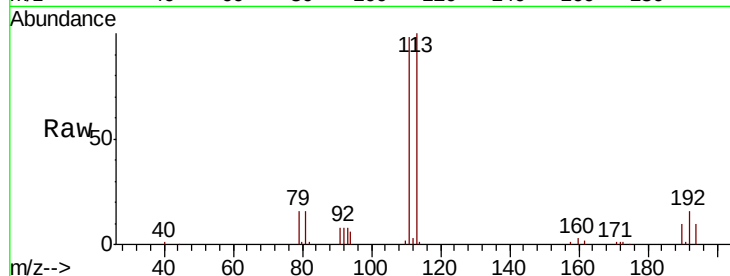
Tot Ion:113 Resp: 46625

Ion Ratio Lower Upper

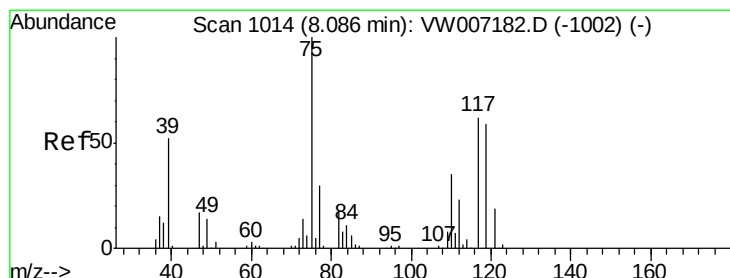
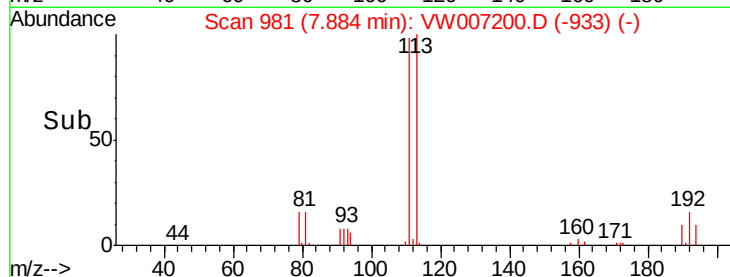
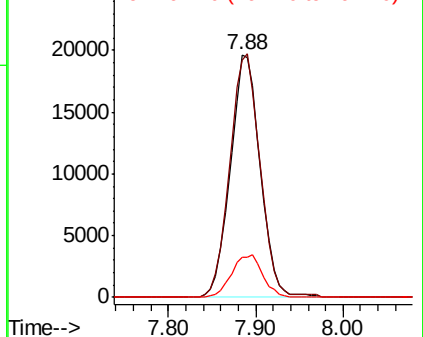
113 100

111 101.7 82.2 123.4

192 18.1 14.4 21.6



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.596 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW007200.D

Acq: 04 Dec 2018 20:45

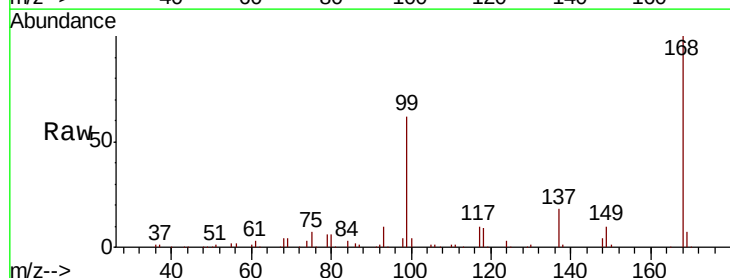
Tgt Ion: 75 Resp: 8715

Ion Ratio Lower Upper

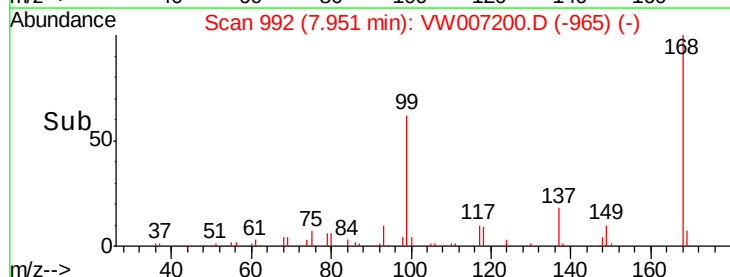
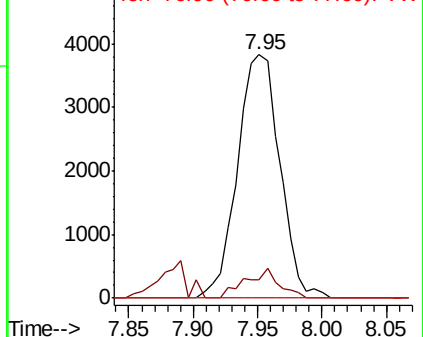
75 100

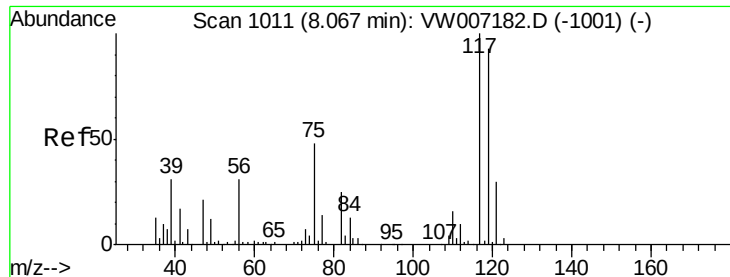
110 9.5 18.3 54.9#

77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW

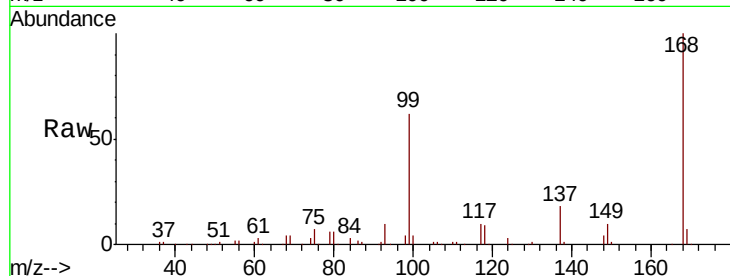




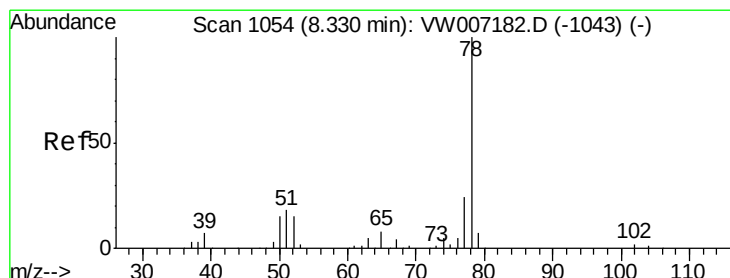
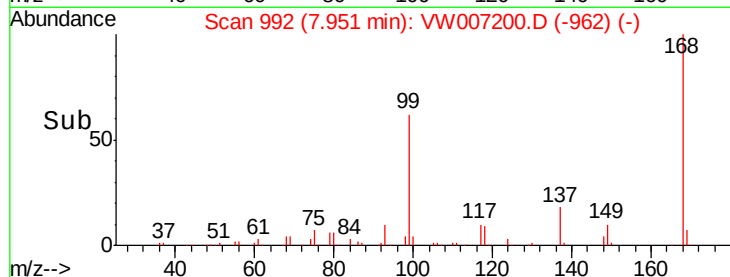
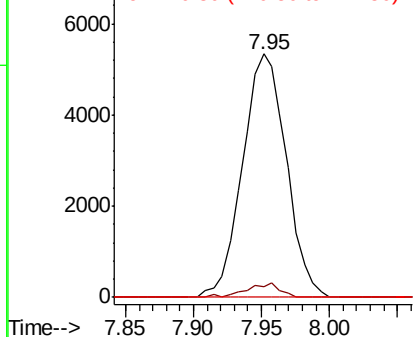
#38
Carbon Tetrachloride
Concen: 6.180 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007200.D
Acq: 04 Dec 2018 20:45

Instrument :
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ClientSampleId :
HLSP-SB-6B-(5)

Tot Ion:117 Resp: 11962
Ion Ratio Lower Upper
117 100
119 4.2 74.1 111.1#
121 0.0 23.9 35.9#

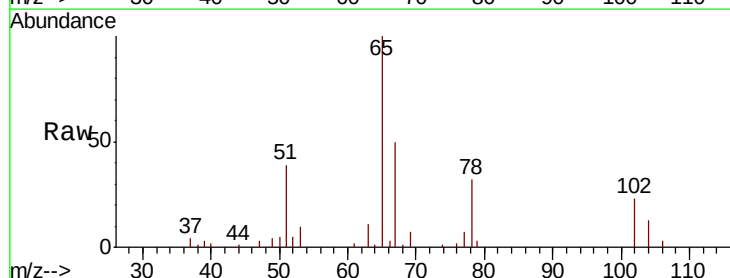


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

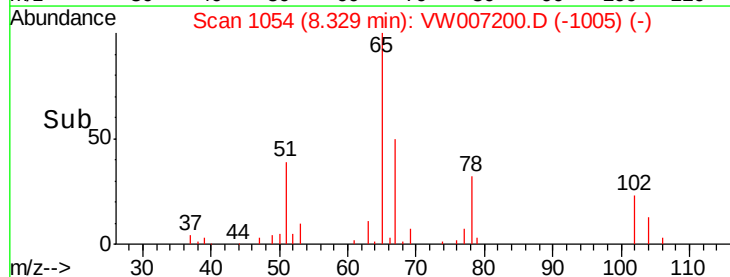
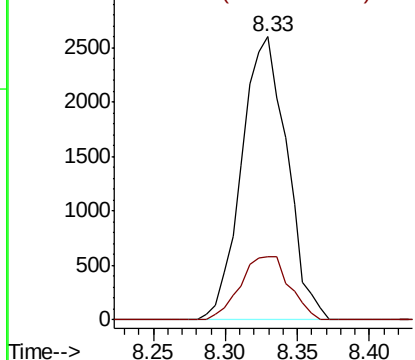


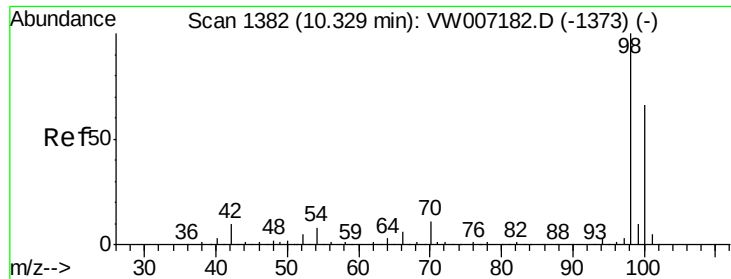
#40
Benzene
Concen: 1.091 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW007200.D
Acq: 04 Dec 2018 20:45

Tgt Ion: 78 Resp: 5674
Ion Ratio Lower Upper
78 100
77 22.5 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW

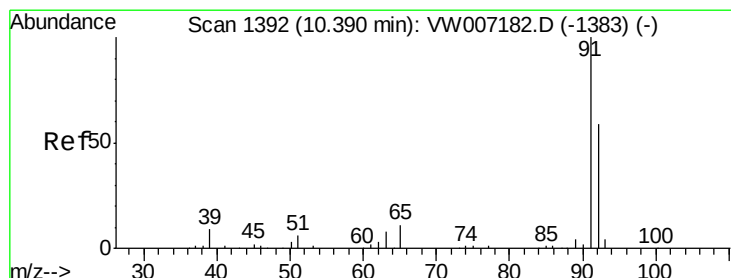
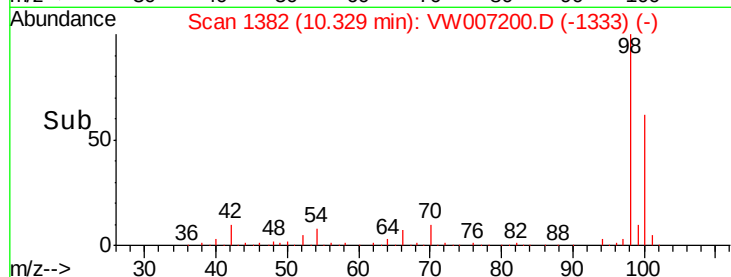
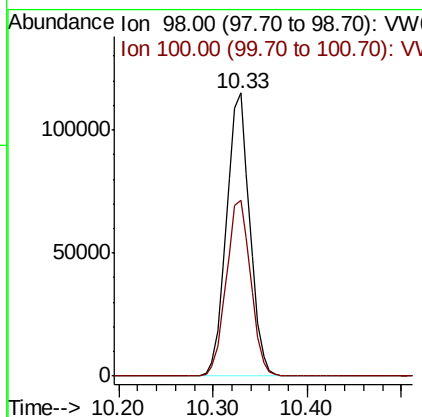
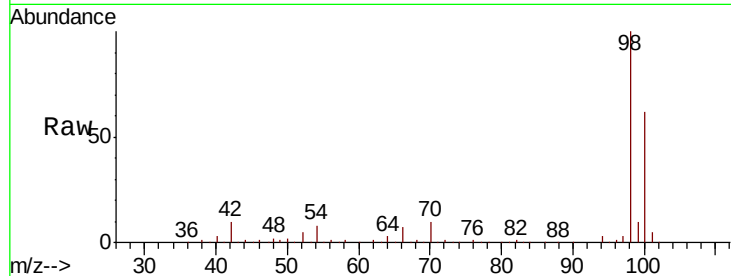




#50
Toluene-d8
Concen: 40.153 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW007200.D
Acq: 04 Dec 2018 20:45

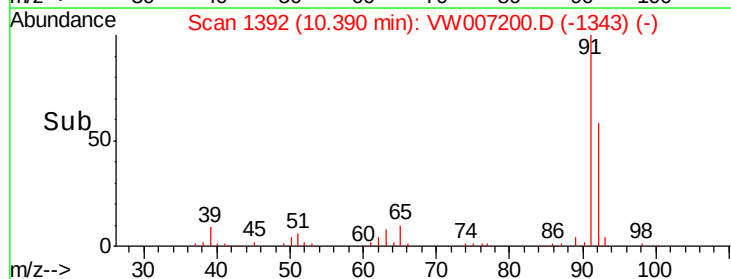
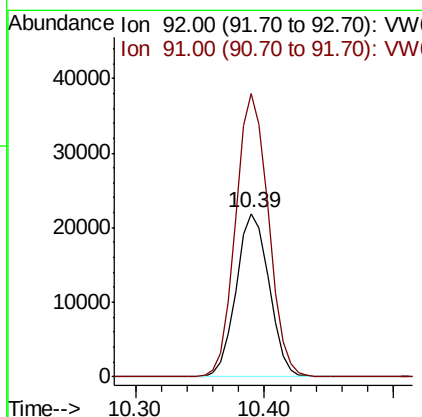
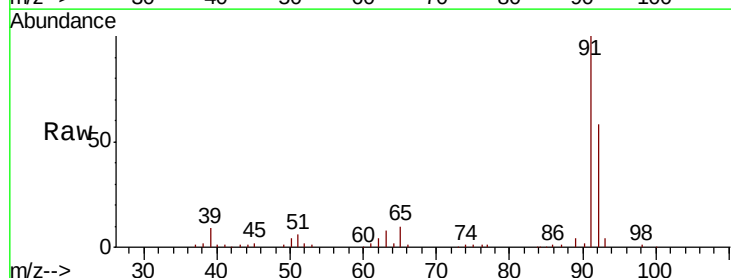
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HLSP-SB-6B-(5)

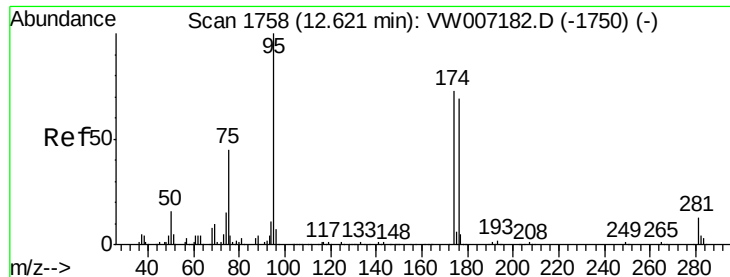
Tot Ion: 98 Resp: 197378
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1



#52
Toluene
Concen: 10.701 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007200.D
Acq: 04 Dec 2018 20:45

Tgt Ion: 92 Resp: 38707
Ion Ratio Lower Upper
92 100
91 173.1 136.0 204.0

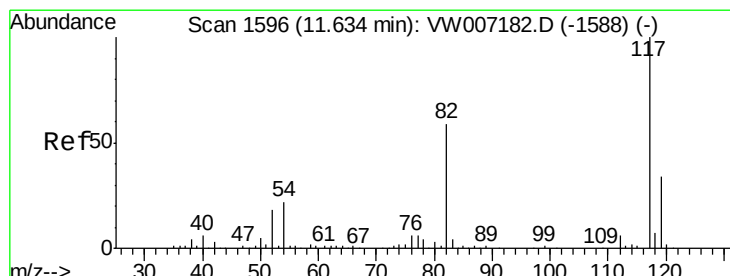
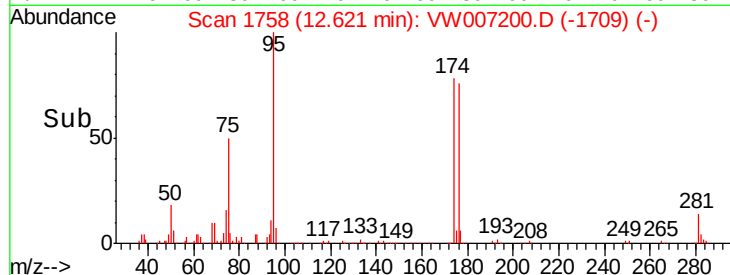
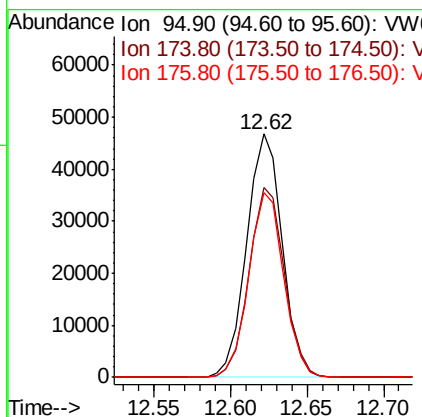
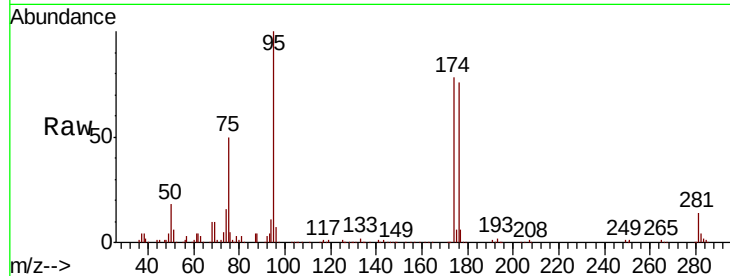




#62
4-Bromofluorobenzene
Concen: 40.679 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007200.D
Acq: 04 Dec 2018 20:45

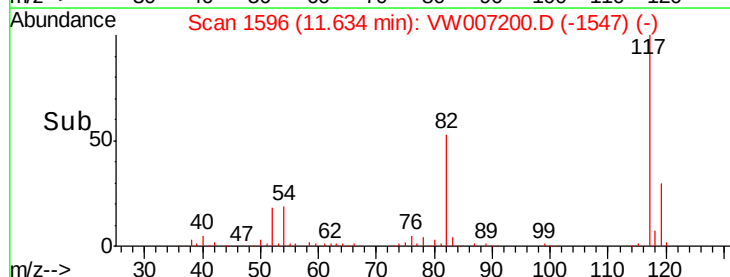
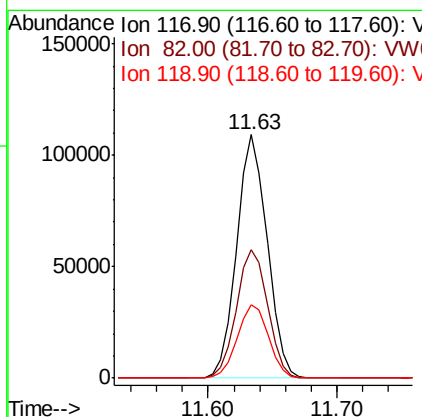
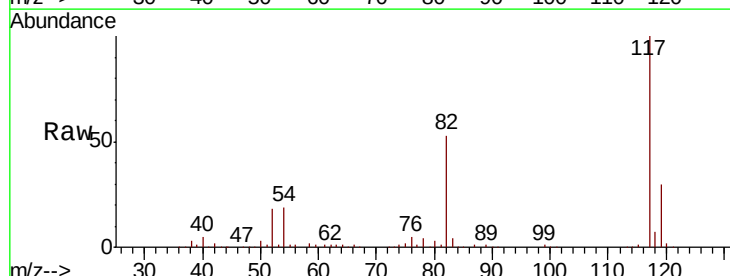
Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-6B-(5)

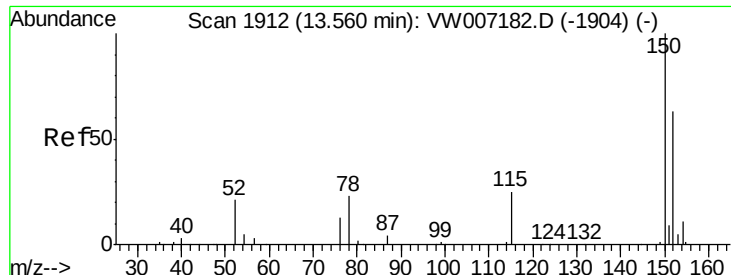
Tot Ion: 95 Resp: 75475
Ion Ratio Lower Upper
95 100
174 77.8 0.0 148.0
176 75.0 0.0 139.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007200.D
Acq: 04 Dec 2018 20:45

Tgt Ion: 117 Resp: 179124
Ion Ratio Lower Upper
117 100
82 52.7 47.4 71.2
119 30.2 26.8 40.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007200.D

Acq: 04 Dec 2018 20:45

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-6B-(5)

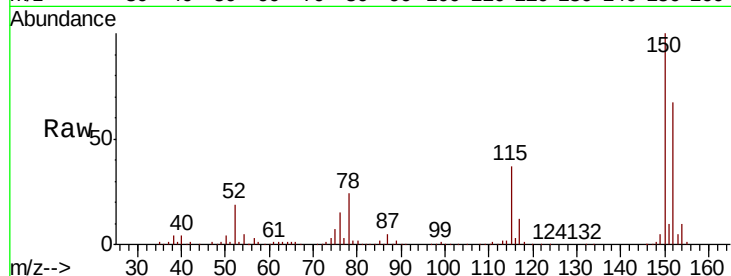
Tot Ion:152 Resp: 89357

Ion Ratio Lower Upper

152 100

115 60.3 31.3 93.8

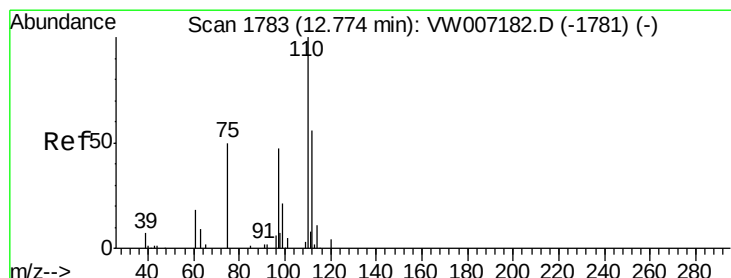
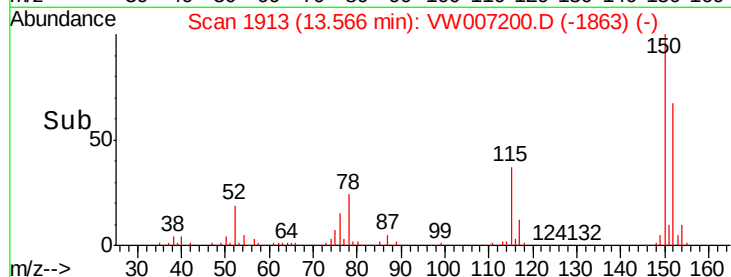
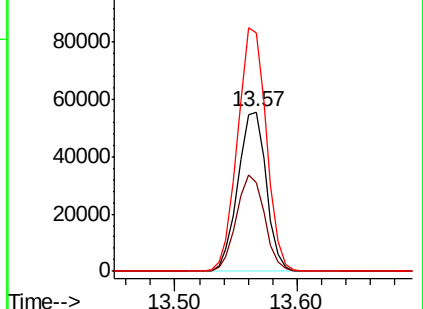
150 154.8 0.0 358.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 28.397 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007200.D

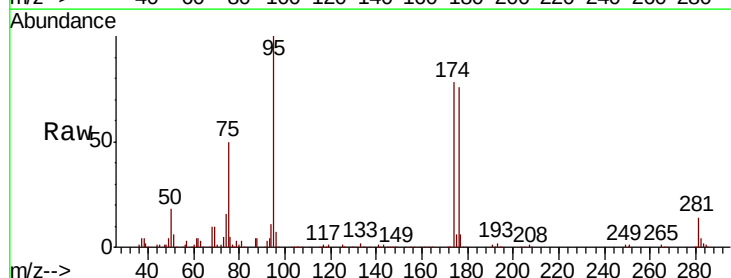
Acq: 04 Dec 2018 20:45

Tgt Ion: 75 Resp: 38133

Ion Ratio Lower Upper

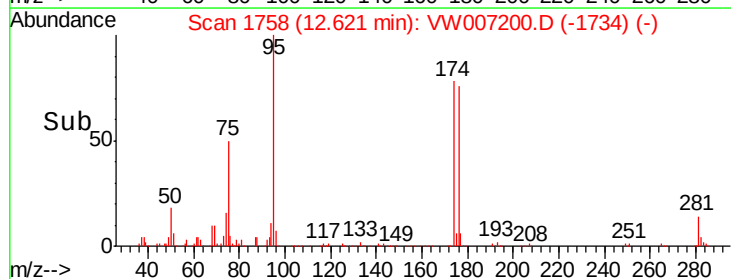
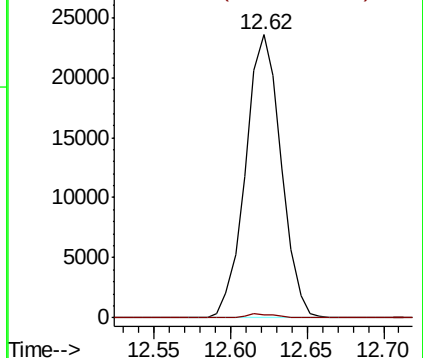
75 100

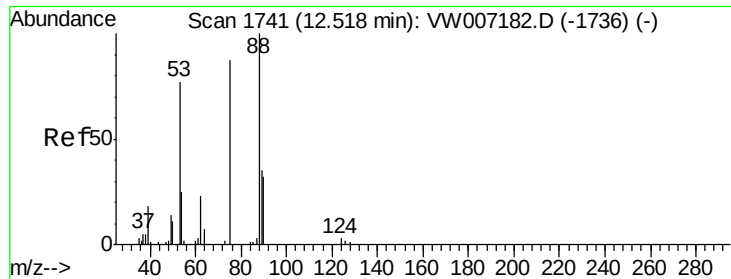
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 118.789 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007200.D

Acq: 04 Dec 2018 20:45

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-6B-(5)

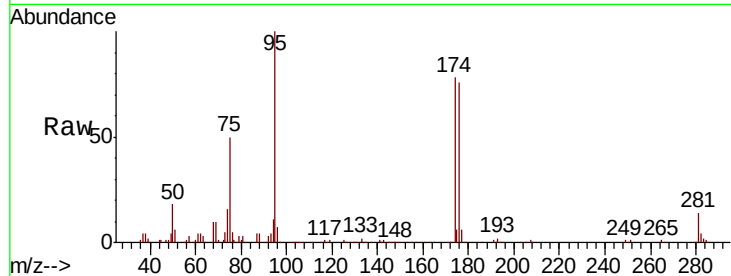
Tot Ion: 75 Resp: 38133

Ion Ratio Lower Upper

75 100

53 0.0 72.8 109.2#

89 0.1 36.4 54.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

