

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120418\
 Data File : VW007214.D
 Acq On : 05 Dec 2018 04:51
 Operator : SY/AP
 Sample : J6206-18
 Misc : 4.43G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-3B-(2.5)

Quant Time: Dec 05 07:26:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 14:18:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	114844	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	195393	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	165645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	69145	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	50924	47.63	ug/l	0.00
Spiked Amount			Recovery	=	95.26%	
35) Dibromofluoromethane	7.88	113	51044	45.62	ug/l	0.00
Spiked Amount			Recovery	=	91.24%	
50) Toluene-d8	10.33	98	199213	40.42	ug/l	0.00
Spiked Amount			Recovery	=	80.84%	
62) 4-Bromofluorobenzene	12.62	95	69685	37.46	ug/l	0.00
Spiked Amount			Recovery	=	74.92%	

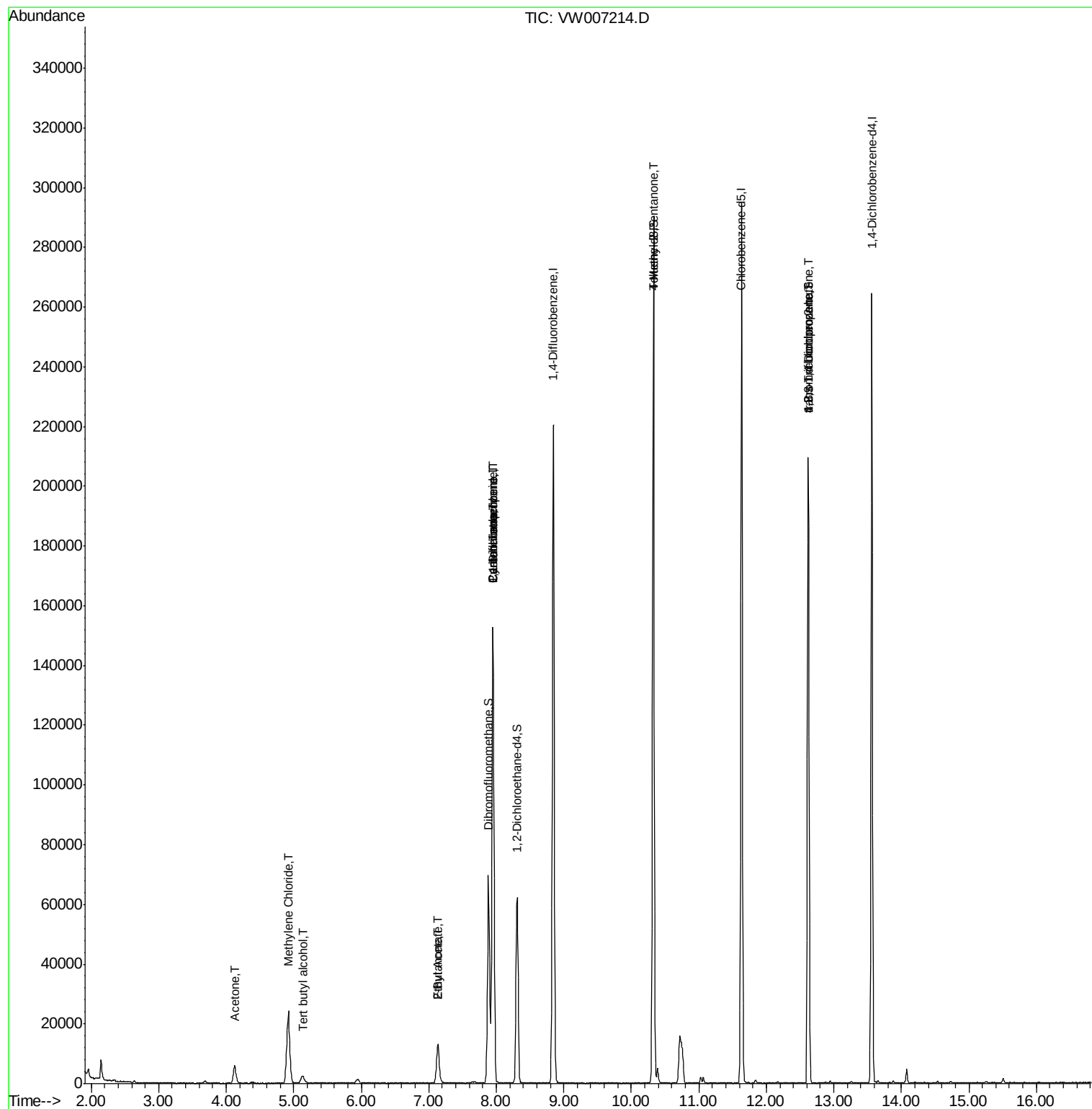
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.13	59	2568	6.741	ug/l #	75
16) Acetone	4.13	43	10765	42.528	ug/l	97
20) Methylene Chloride	4.92	84	19191	10.985	ug/l	89
25) 2-Butanone	7.13	43	807	2.750	ug/l #	46
31) Cyclohexane	7.95	56	2360	1.112	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	8601	4.524	ug/l #	50
37) Ethyl Acetate	7.13	43	807	1.173	ug/l #	7
38) Carbon Tetrachloride	7.95	117	11721	6.040	ug/l #	17
51) 4-Methyl-2-Pentanone	10.32	43	879	1.335	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	35157	33.834	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	35157	141.532	ug/l #	13

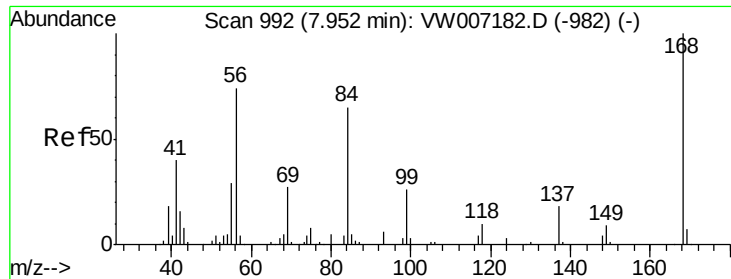
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120418\
Data File : VW007214.D
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Operator : SY/AP
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ClientSampleId :
HLSP-SB-3B-(2.5)

Quant Time: Dec 05 07:26:51 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 04 14:18:19 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007214.D

Acq: 05 Dec 2018 04:51

Instrument :

MSVOA_W

ClientSampleId :

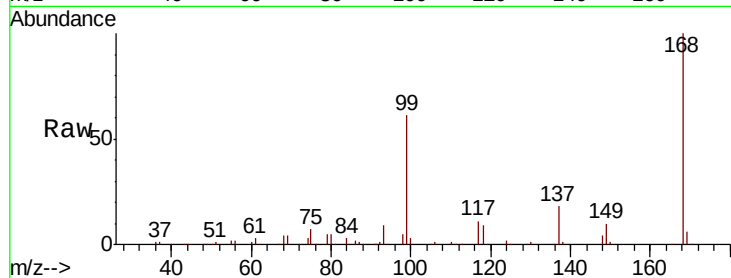
HLSP-SB-3B-(2.5)

Tot Ion:168 Resp: 114844

Ion Ratio Lower Upper

168 100

99 60.6 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

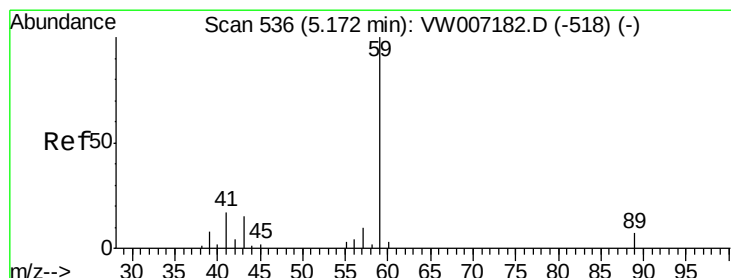
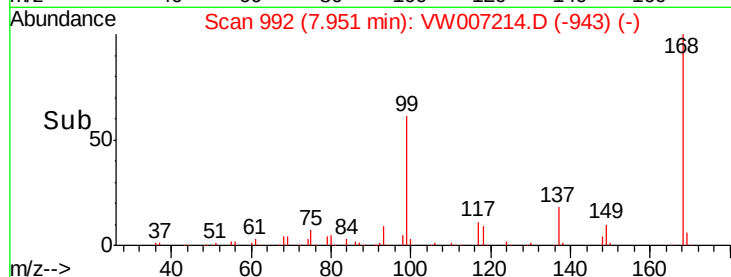
30000

20000

10000

0

Time-->



#11

Tert butyl alcohol

Concen: 6.741 ug/l

RT: 5.13 min Scan# 529

Delta R.T. -0.04 min

Lab File: VW007214.D

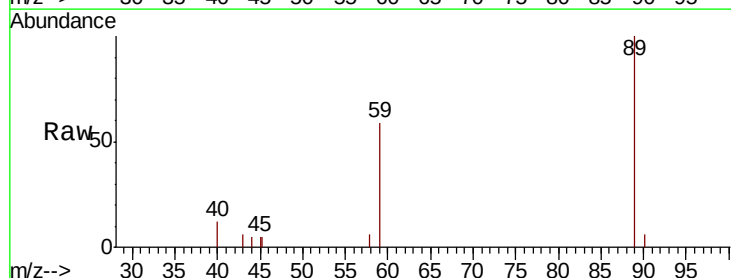
Acq: 05 Dec 2018 04:51

Tgt Ion: 59 Resp: 2568

Ion Ratio Lower Upper

59 100

57 0.0 7.1 10.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.13

800

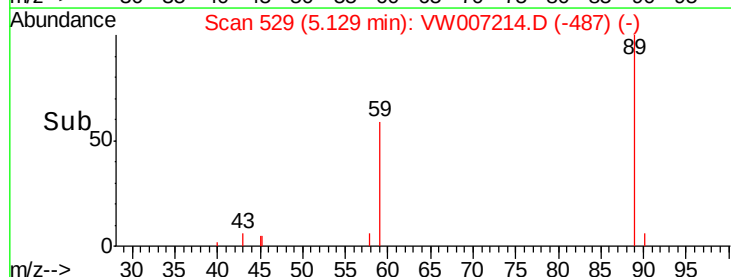
600

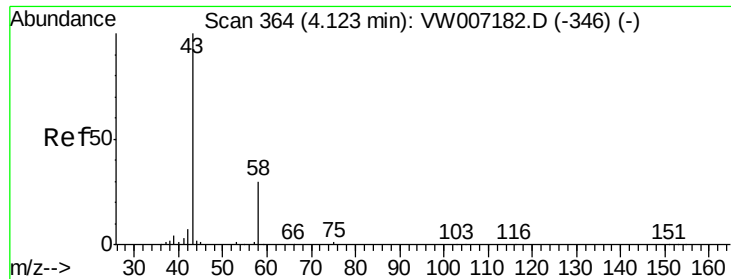
400

200

0

Time-->





#16

Acetone

Concen: 42.528 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007214.D

Acq: 05 Dec 2018 04:51

Instrument :

MSVOA_W

ClientSampleId :

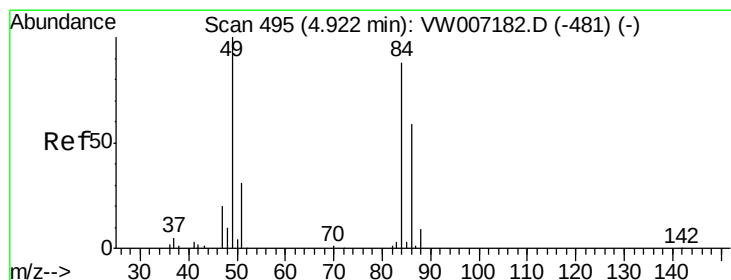
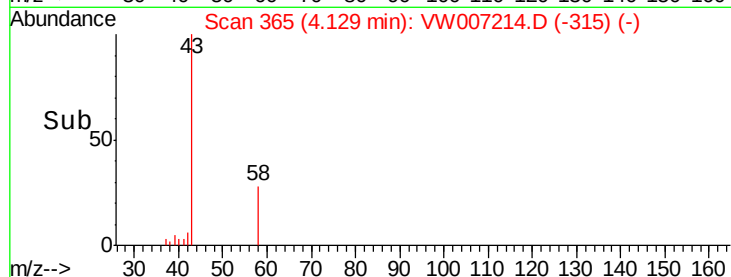
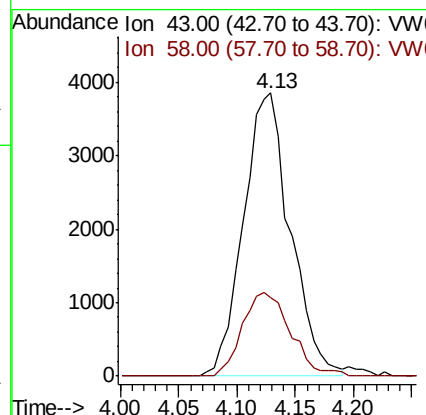
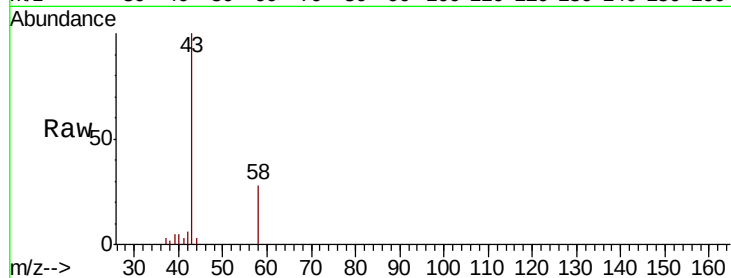
HLSP-SB-3B-(2.5)

Tot Ion: 43 Resp: 10765

Ion Ratio Lower Upper

43 100

58 28.0 23.8 35.8



#20

Methylene Chloride

Concen: 10.985 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW007214.D

Acq: 05 Dec 2018 04:51

Tgt Ion: 84 Resp: 19191

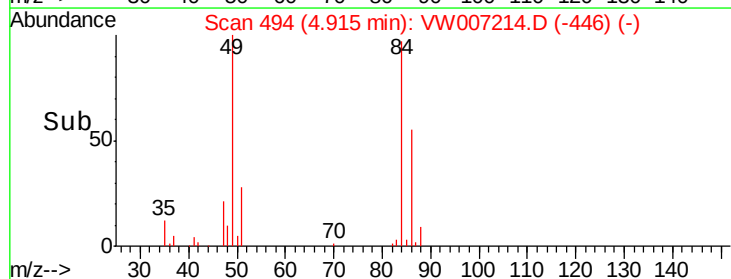
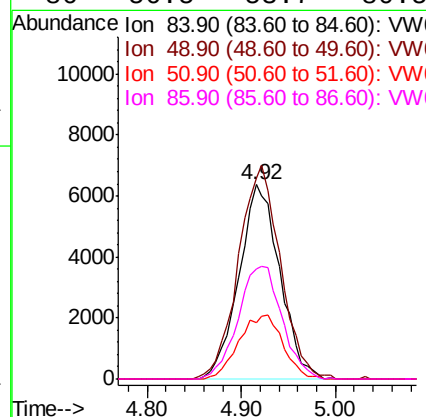
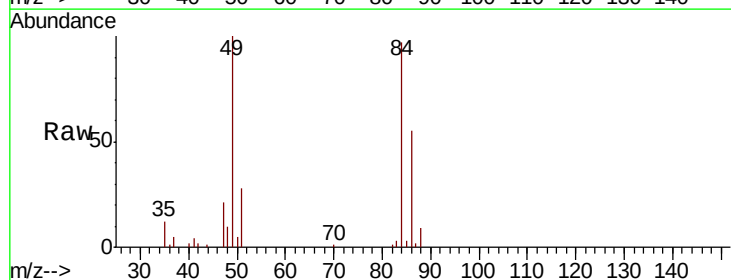
Ion Ratio Lower Upper

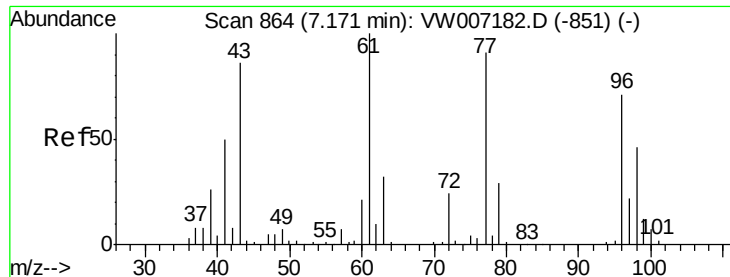
84 100

49 103.0 90.6 135.8

51 28.8 27.6 41.4

86 56.5 53.7 80.5

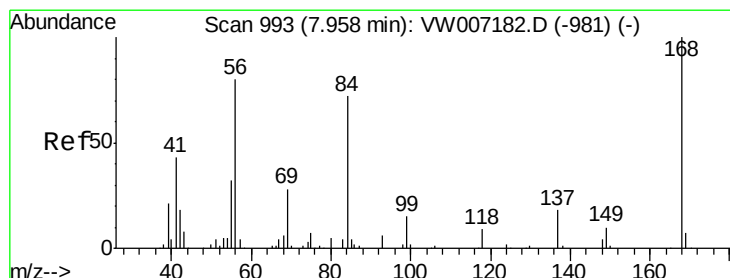
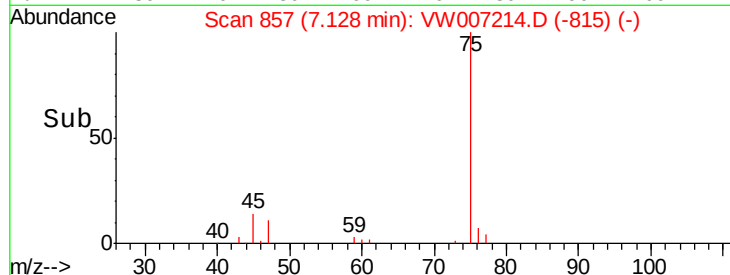
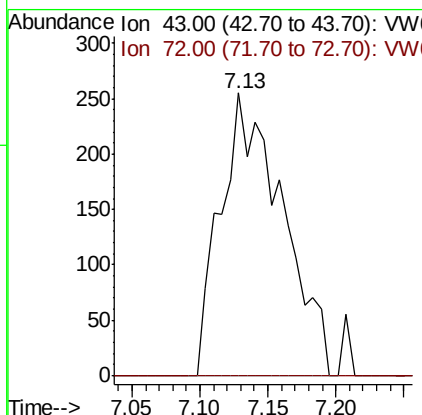
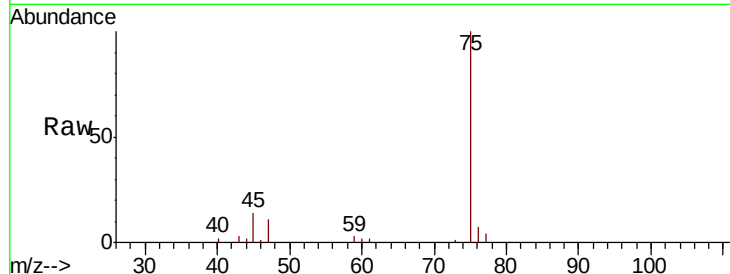




#25
 2-Butanone
 Concen: 2.750 ug/l
 RT: 7.13 min Scan# 857
 Delta R.T. -0.04 min
 Lab File: VW007214.D
 Acq: 05 Dec 2018 04:51

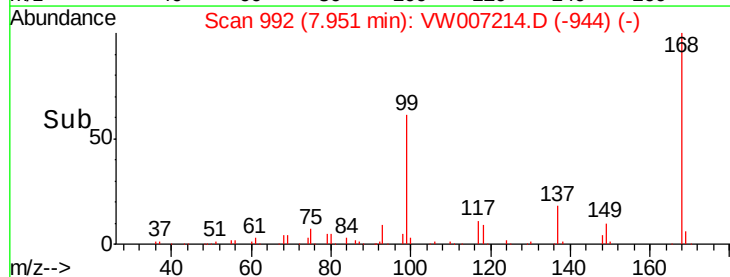
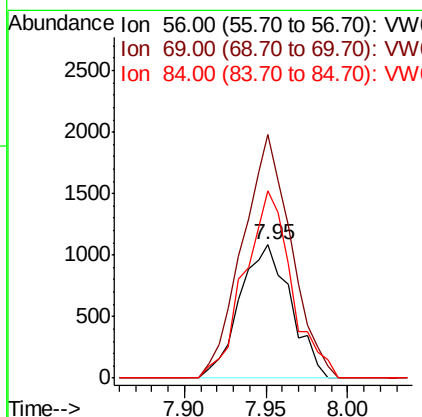
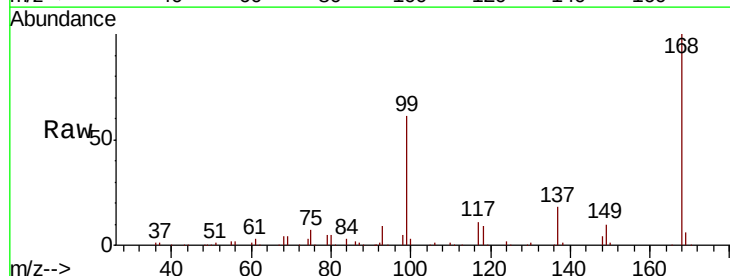
Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-3B-(2.5)

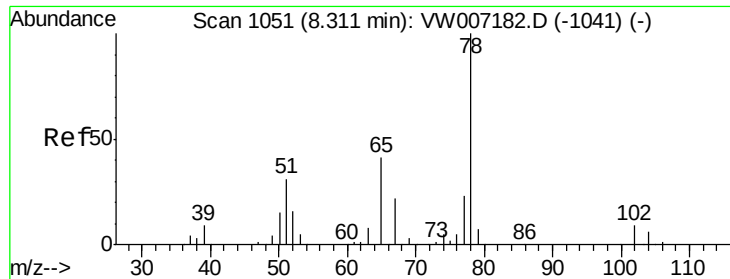
Tot Ion: 43 Resp: 807
 Ion Ratio Lower Upper
 43 100
 72 0.0 22.8 34.2#



#31
 Cyclohexane
 Concen: 1.112 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: VW007214.D
 Acq: 05 Dec 2018 04:51

Tgt Ion: 56 Resp: 2360
 Ion Ratio Lower Upper
 56 100
 69 182.6 28.2 42.2#
 84 140.4 72.1 108.1#





#33

1,2-Dichloroethane-d4

Concen: 47.626 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW007214.D

Acq: 05 Dec 2018 04:51

Instrument :

MSVOA_W

ClientSampleId :

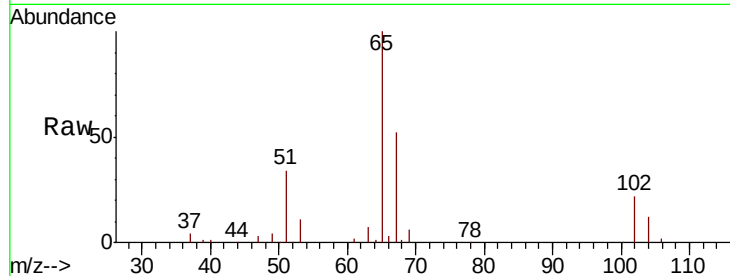
HLSP-SB-3B-(2.5)

Tot Ion: 65 Resp: 50924

Ion Ratio Lower Upper

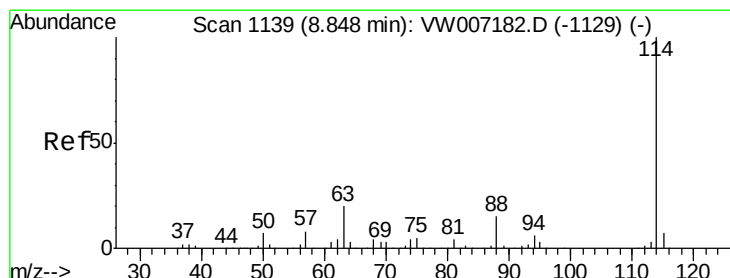
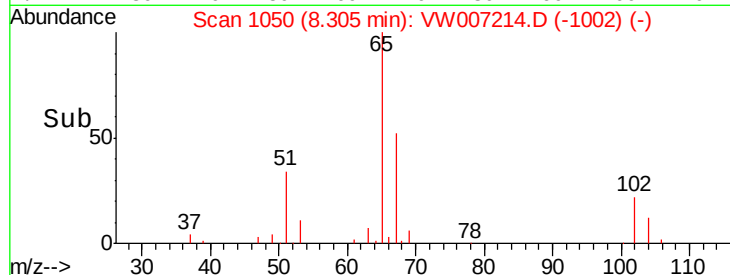
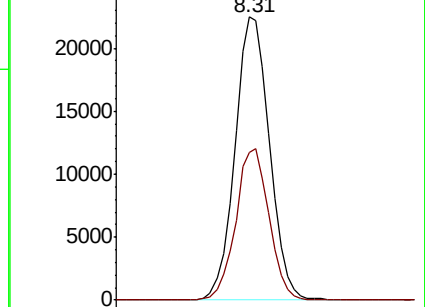
65 100

67 51.9 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: VW007214.D

Acq: 05 Dec 2018 04:51

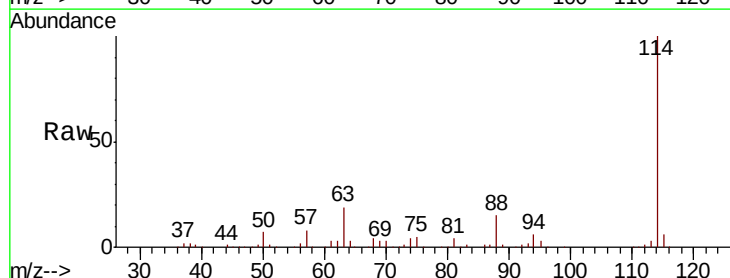
Tgt Ion: 114 Resp: 195393

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.2

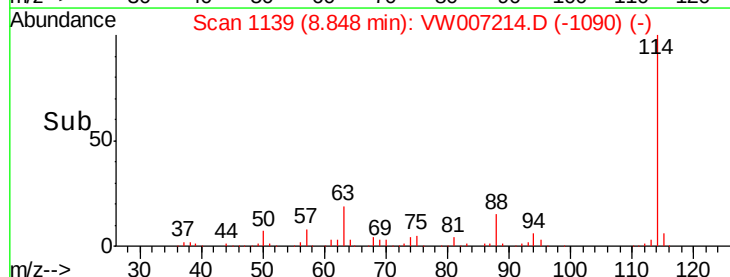
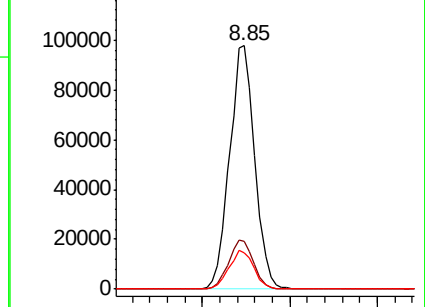
88 15.2 0.0 30.0

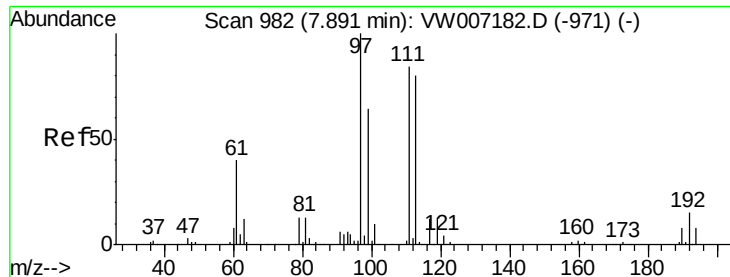


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

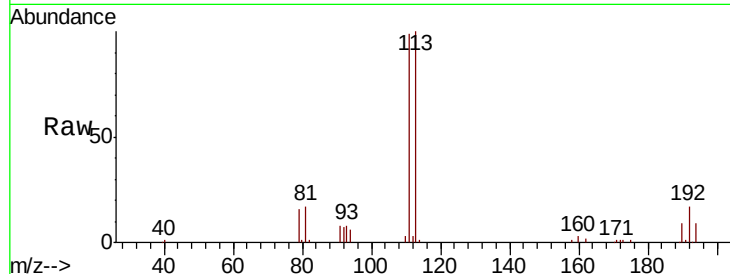




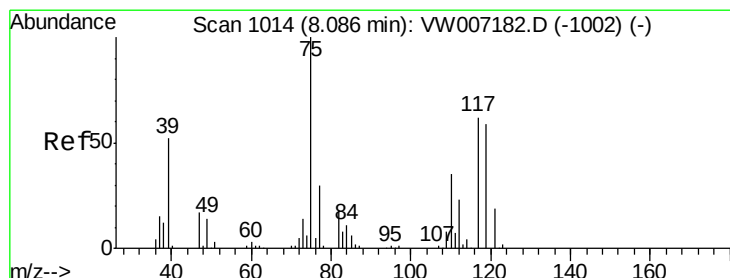
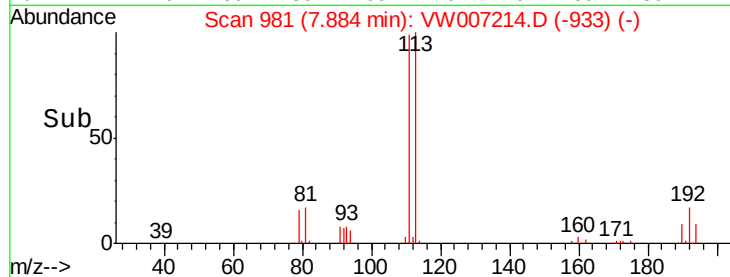
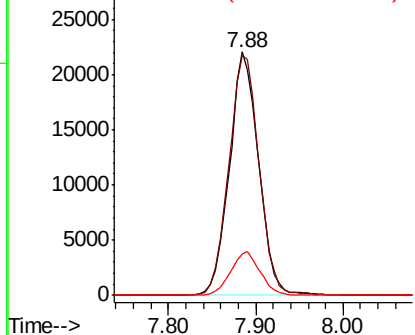
#35
 Dibromofluoromethane
 Concen: 45.623 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007214.D
 Acq: 05 Dec 2018 04:51

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-3B-(2.5)

Tot Ion:113 Resp: 51044
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.2 123.4
 192 18.0 14.4 21.6

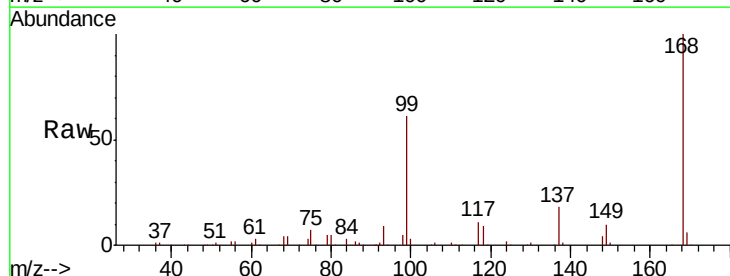


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

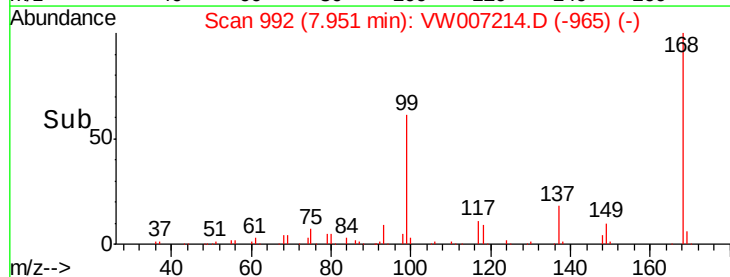
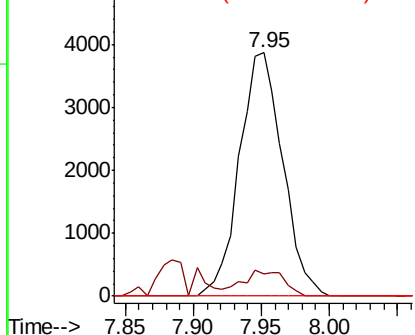


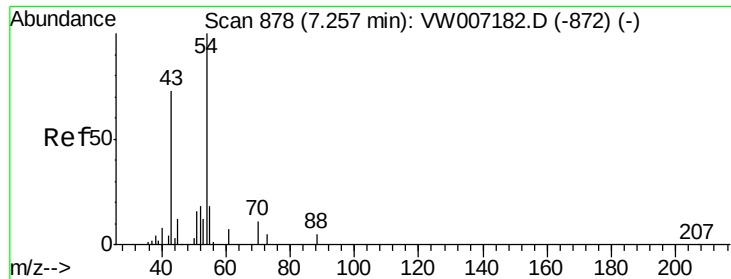
#36
 1,1-Dichloropropene
 Concen: 4.524 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007214.D
 Acq: 05 Dec 2018 04:51

Tgt Ion: 75 Resp: 8601
 Ion Ratio Lower Upper
 75 100
 110 10.0 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





#37

Ethyl Acetate

Concen: 1.173 ug/l

RT: 7.13 min Scan# 857

Delta R.T. -0.13 min

Lab File: VW007214.D

Acq: 05 Dec 2018 04:51

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-3B-(2.5)

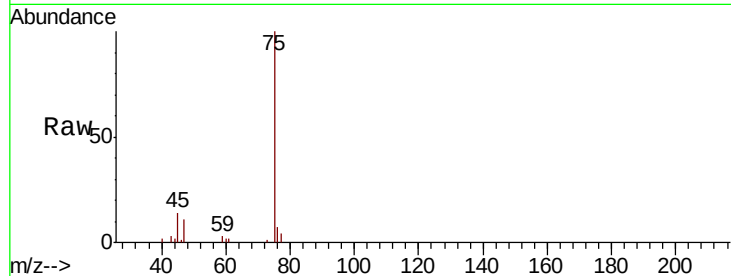
Tot Ion: 43 Resp: 807

Ion Ratio Lower Upper

43 100

61 73.5 12.1 18.1#

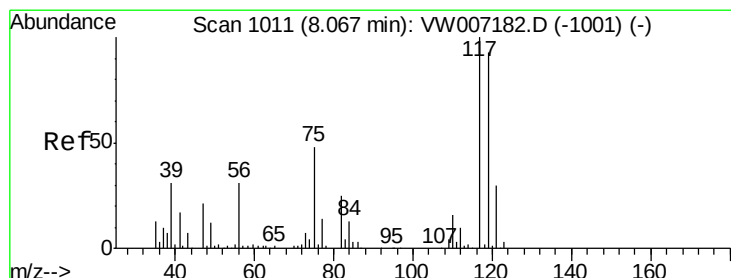
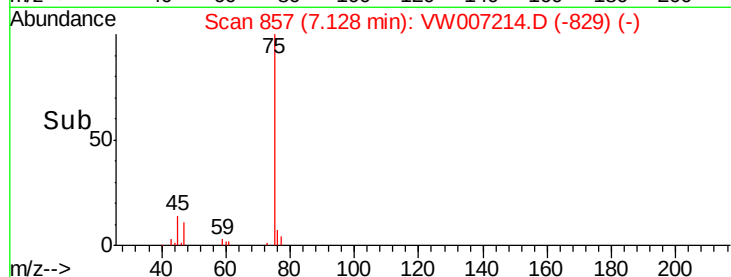
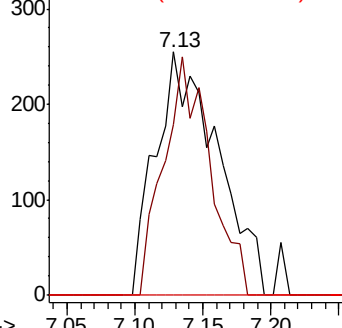
70 0.0 9.1 13.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 6.040 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW007214.D

Acq: 05 Dec 2018 04:51

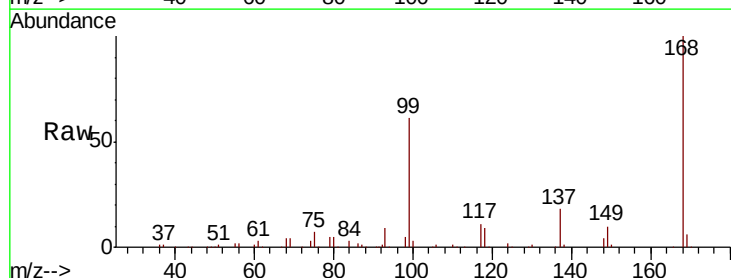
Tgt Ion: 117 Resp: 11721

Ion Ratio Lower Upper

117 100

119 4.0 74.1 111.1#

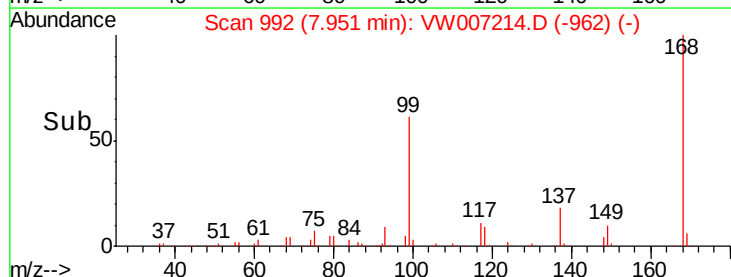
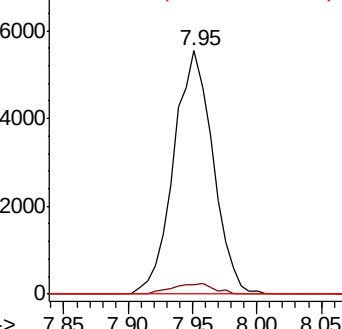
121 0.0 23.9 35.9#

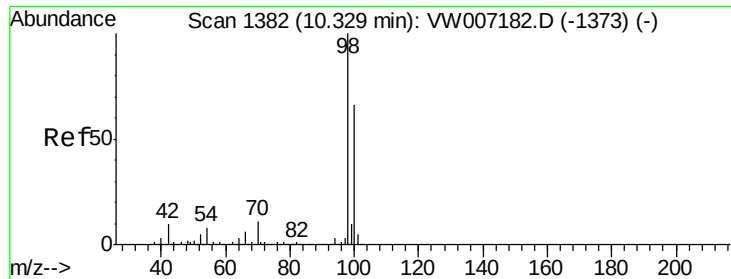


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 40.422 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007214.D

Acq: 05 Dec 2018 04:51

Instrument :

MSVOA_W

ClientSampleId :

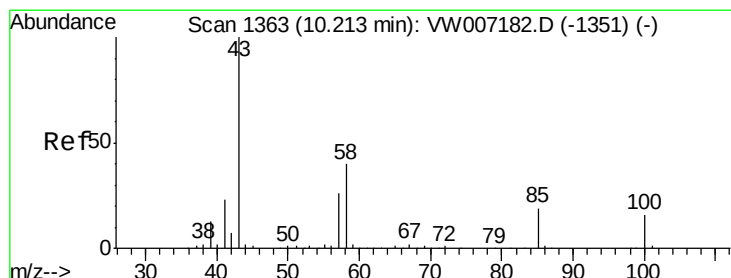
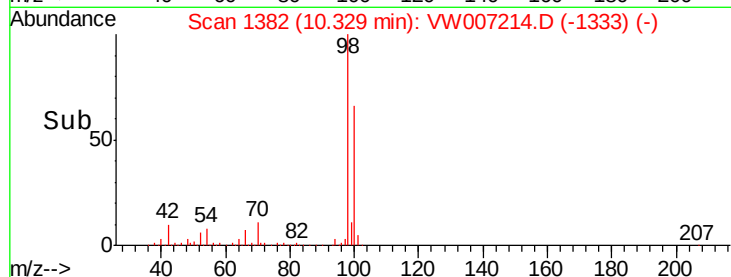
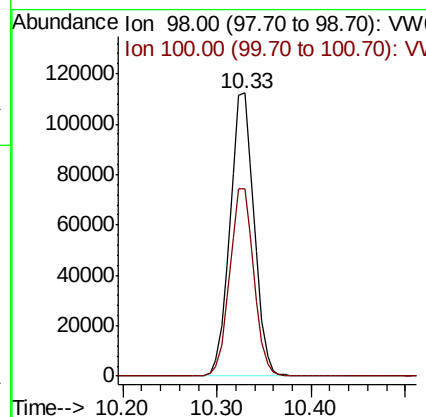
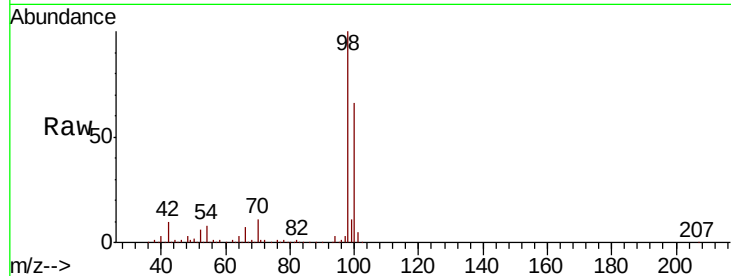
HLSP-SB-3B-(2.5)

Tot Ion: 98 Resp: 199213

Ion Ratio Lower Upper

98 100

100 66.1 52.7 79.1



#51

4-Methyl-2-Pentanone

Concen: 1.335 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW007214.D

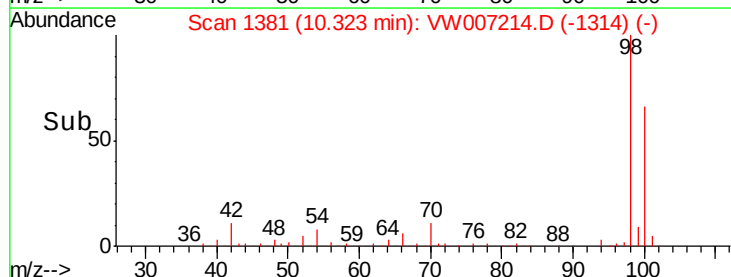
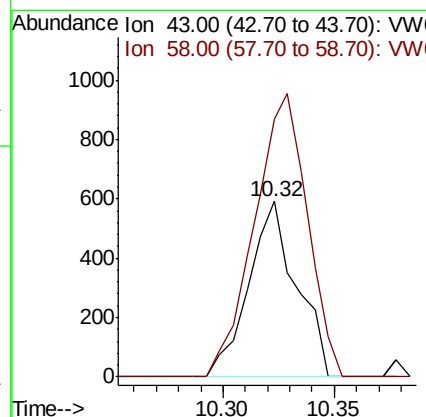
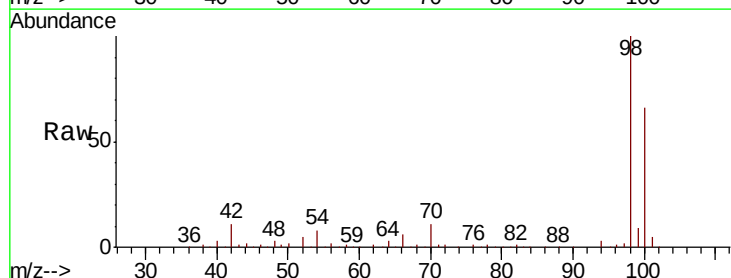
Acq: 05 Dec 2018 04:51

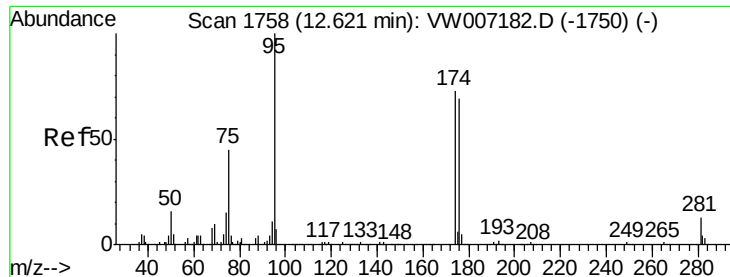
Tgt Ion: 43 Resp: 879

Ion Ratio Lower Upper

43 100

58 179.3 32.3 48.5#

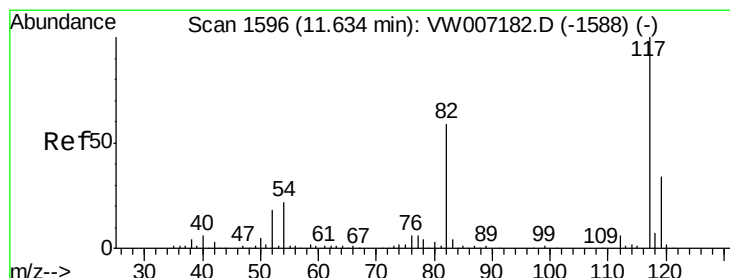
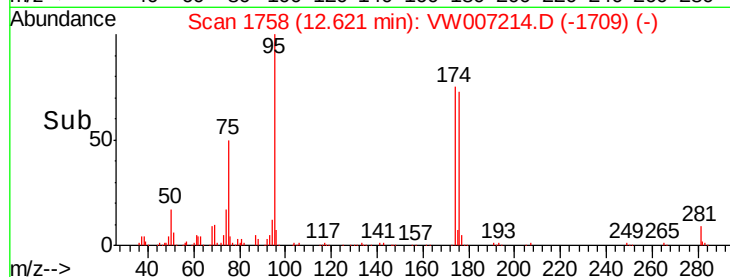
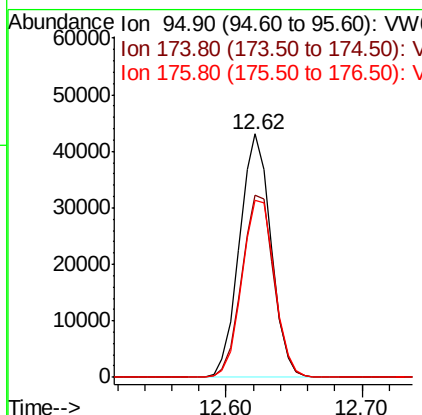
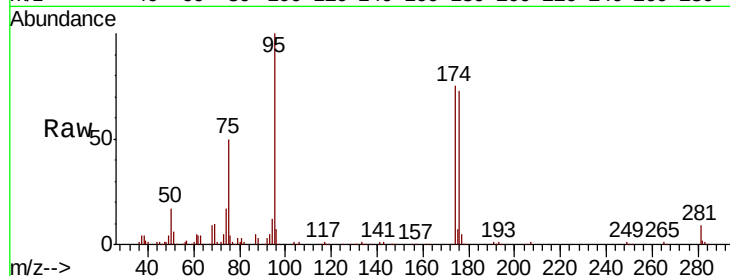




#62
4-Bromofluorobenzene
Concen: 37.461 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007214.D
Acq: 05 Dec 2018 04:51

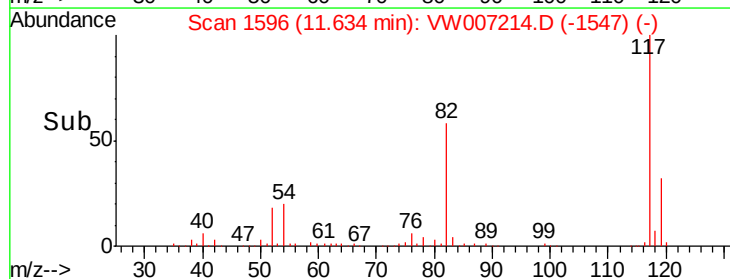
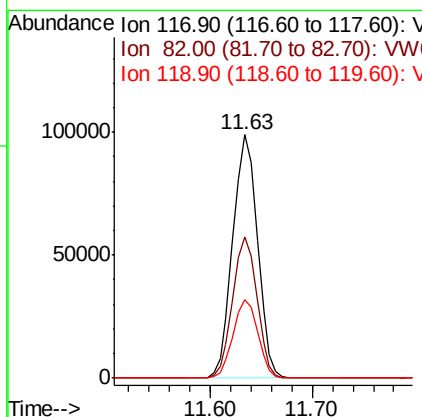
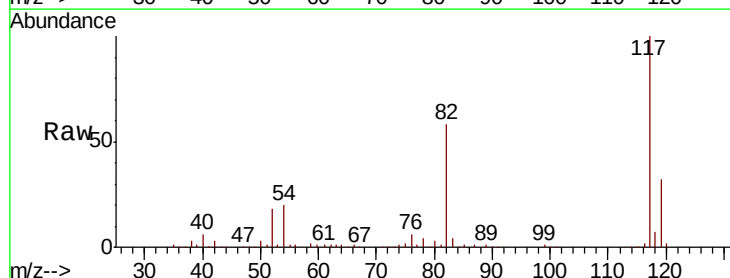
Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-3B-(2.5)

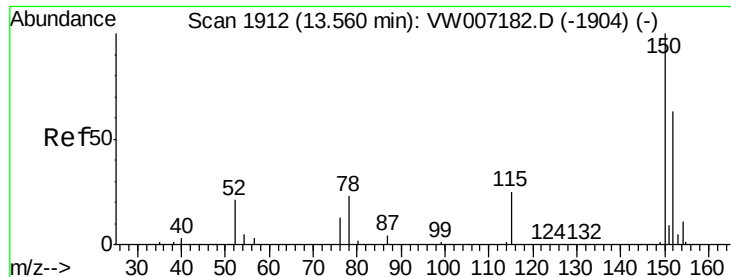
Tot Ion: 95 Resp: 69685
Ion Ratio Lower Upper
95 100
174 76.2 0.0 148.0
176 75.5 0.0 139.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007214.D
Acq: 05 Dec 2018 04:51

Tgt Ion: 117 Resp: 165645
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 32.5 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: VW007214.D

Acq: 05 Dec 2018 04:51

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-3B-(2.5)

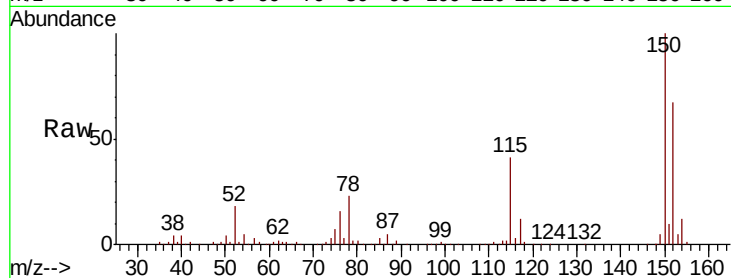
Tot Ion:152 Resp: 69145

Ion Ratio Lower Upper

152 100

115 63.8 31.3 93.8

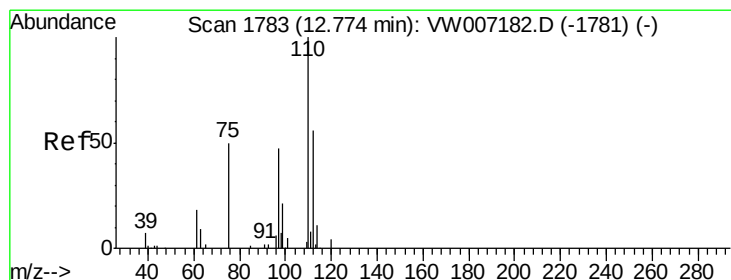
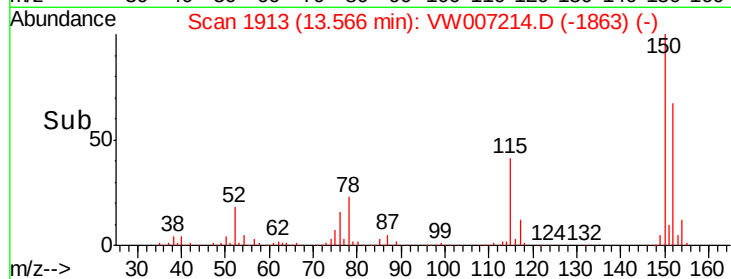
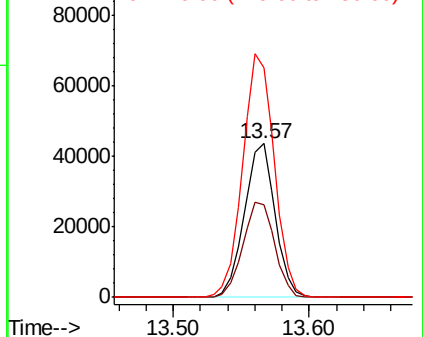
150 161.9 0.0 358.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 33.834 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007214.D

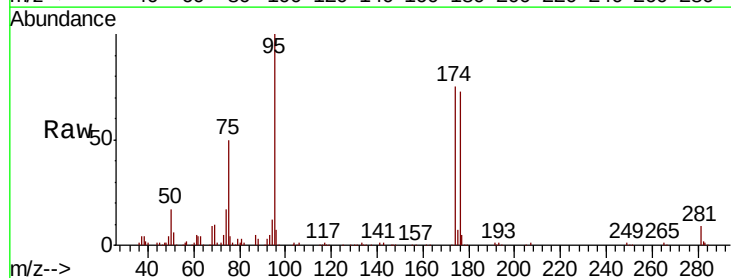
Acq: 05 Dec 2018 04:51

Tgt Ion: 75 Resp: 35157

Ion Ratio Lower Upper

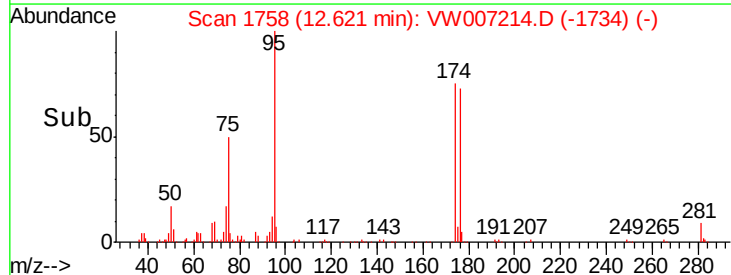
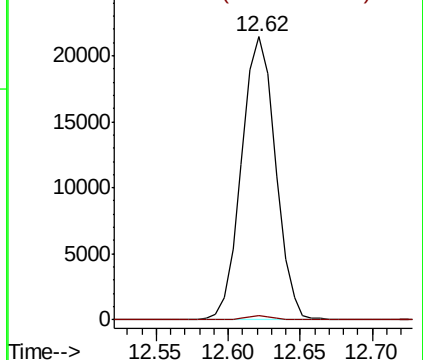
75 100

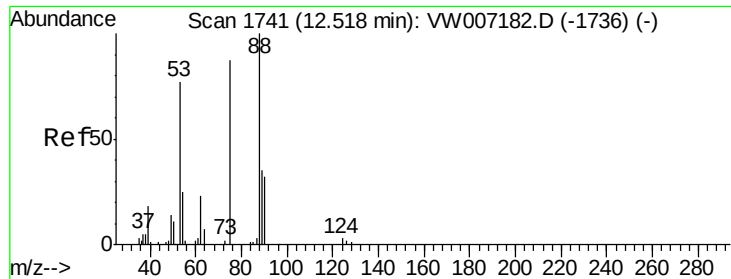
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 141.532 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007214.D

Acq: 05 Dec 2018 04:51

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-3B-(2.5)

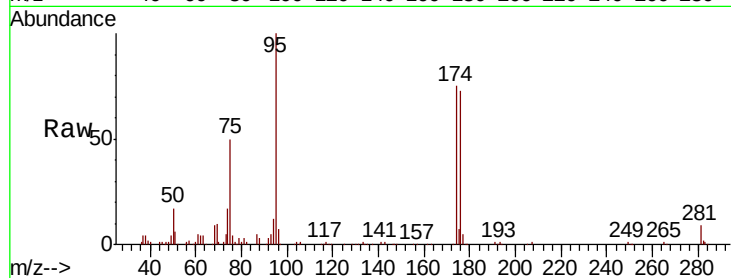
Tot Ion: 75 Resp: 35157

Ion Ratio Lower Upper

75 100

53 0.0 72.8 109.2#

89 0.0 36.4 54.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

