

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120518\
 Data File : VW007236.D
 Acq On : 05 Dec 2018 17:29
 Operator : SY/AP
 Sample : J6204-07
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-2B-(4.5)

Quant Time: Dec 06 06:21:48 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	80075	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	129376	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	117138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	56847	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	32421	43.49	ug/l	0.00
Spiked Amount			Recovery	=	86.98%	
35) Dibromofluoromethane	7.88	113	29997	40.49	ug/l	0.00
Spiked Amount			Recovery	=	80.98%	
50) Toluene-d8	10.32	98	118599	36.34	ug/l	0.00
Spiked Amount			Recovery	=	72.68%	
62) 4-Bromofluorobenzene	12.62	95	45921	37.28	ug/l	0.00
Spiked Amount			Recovery	=	74.56%	

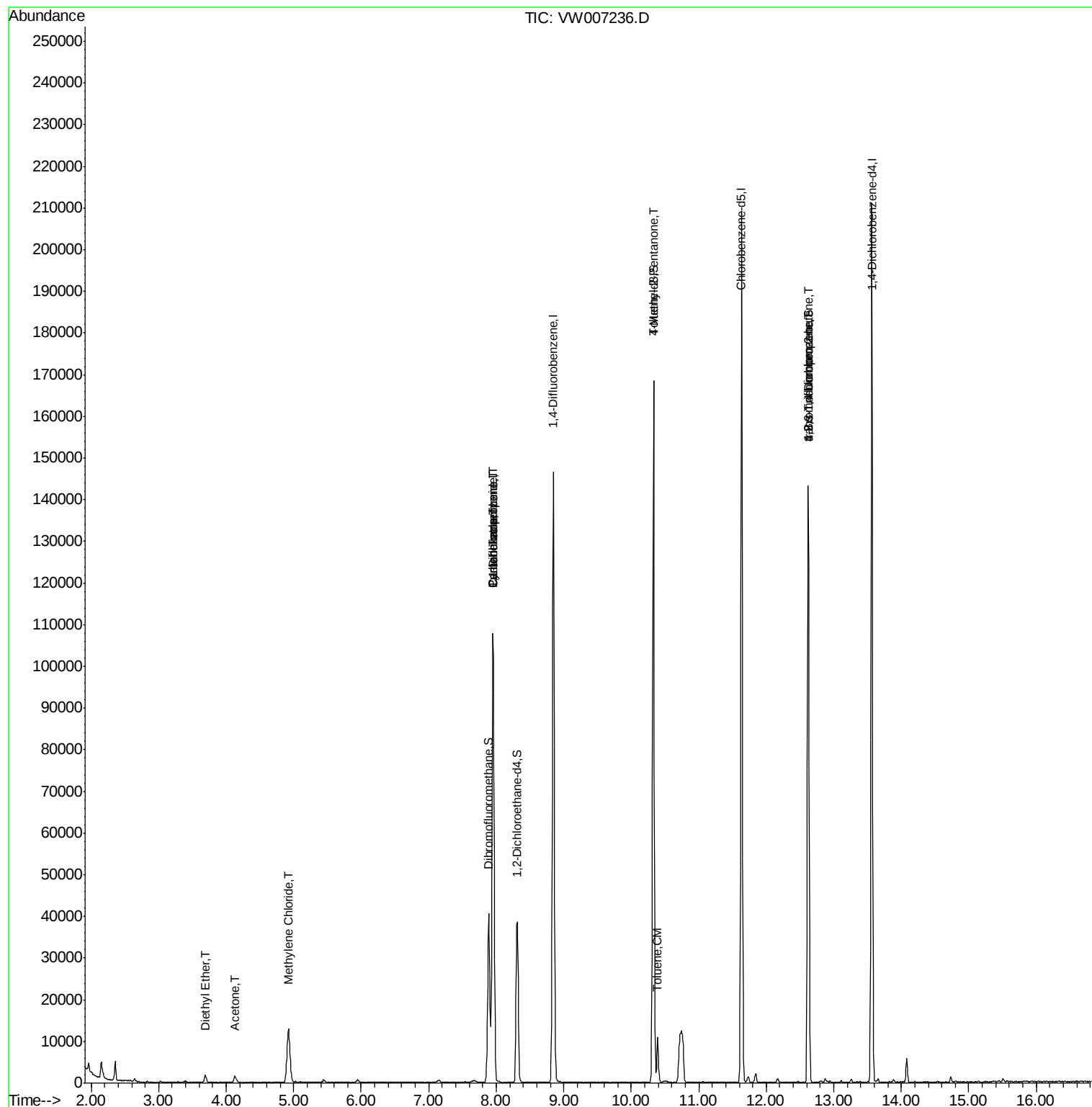
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.70	74	905	2.397	ug/l	95
11) Tert butyl alcohol	5.17	59	39	Below Cal	#	75
16) Acetone	4.13	43	2861	16.210	ug/l	95
20) Methylene Chloride	4.93	84	10174	6.957	ug/l	97
31) Cyclohexane	7.95	56	1720	1.163	ug/l #	16
36) 1,1-Dichloropropene	7.95	75	5917	4.700	ug/l #	49
38) Carbon Tetrachloride	7.95	117	8316	6.472	ug/l #	17
51) 4-Methyl-2-Pentanone	10.33	43	510	1.170	ug/l #	1
52) Toluene	10.39	92	4761	1.983	ug/l	97
76) 1,2,3-Trichloropropane	12.62	75	22658	51.475	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	22658	110.948	ug/l #	13

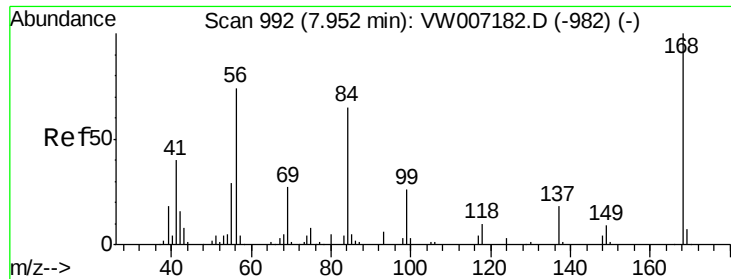
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120518\
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HLSP-SB-2B-(4.5)

Quant Time: Dec 06 06:21:48 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 05 01:35:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007236.D

Acq: 05 Dec 2018 17:29

Instrument :

MSVOA_W

ClientSampleId :

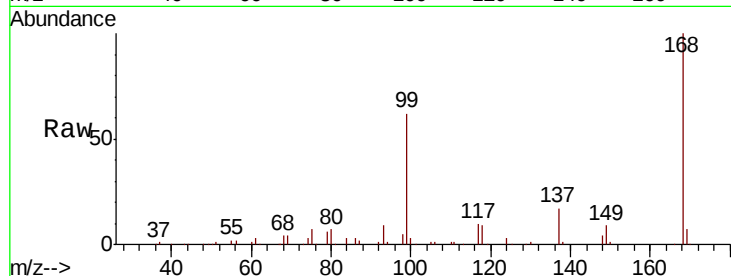
HLSP-SB-2B-(4.5)

Tot Ion:168 Resp: 80075

Ion Ratio Lower Upper

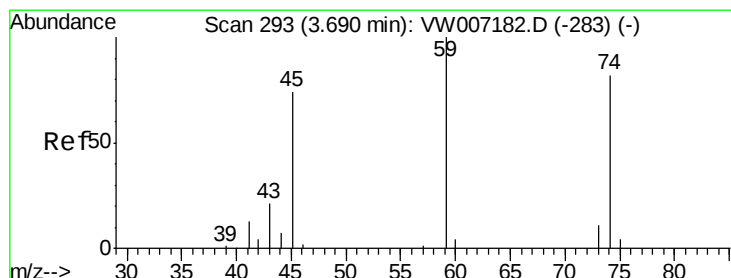
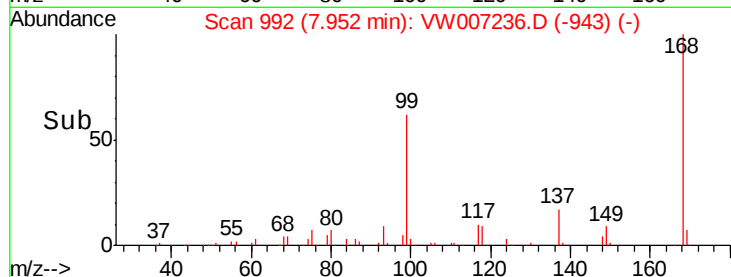
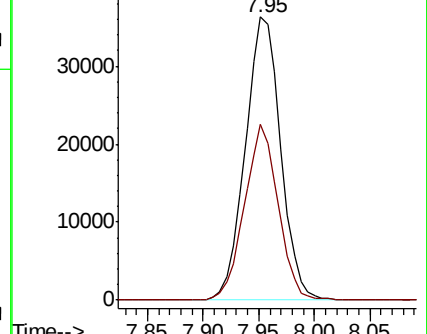
168 100

99 62.0 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.397 ug/l

RT: 3.70 min Scan# 294

Delta R.T. 0.01 min

Lab File: VW007236.D

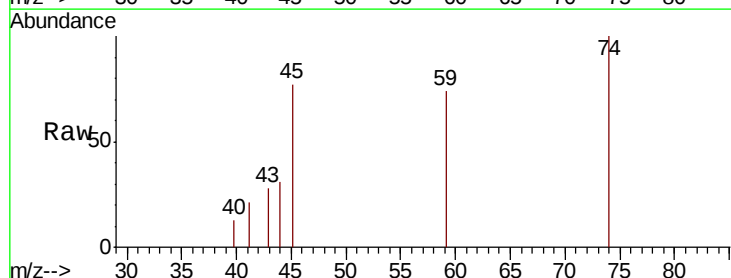
Acq: 05 Dec 2018 17:29

Tgt Ion: 74 Resp: 905

Ion Ratio Lower Upper

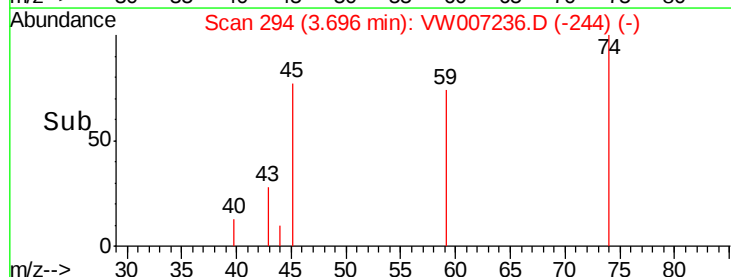
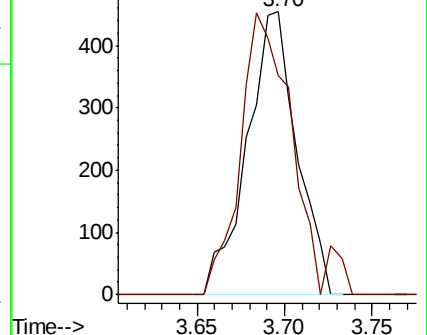
74 100

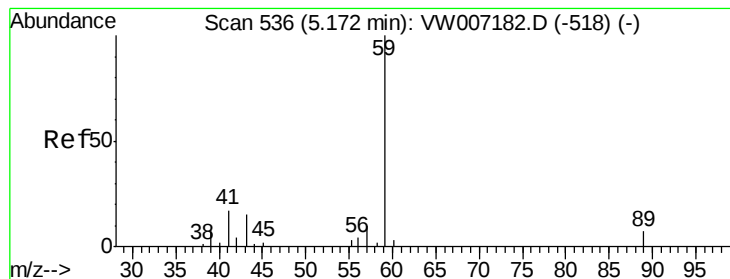
45 99.1 47.2 141.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



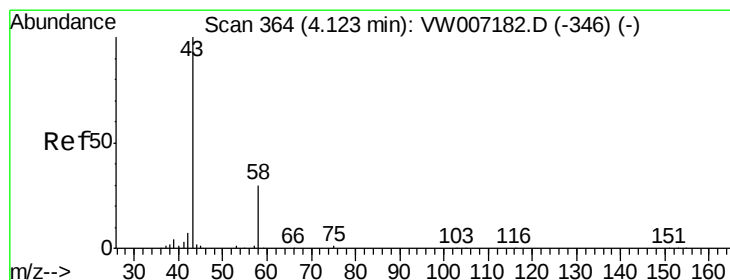
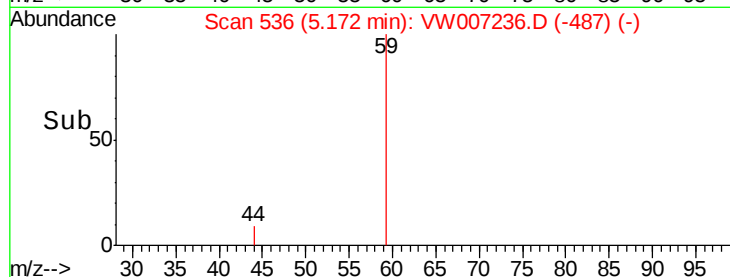
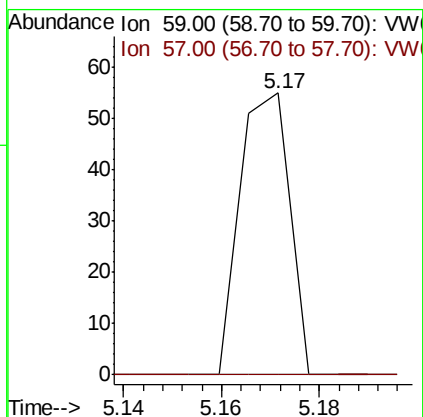
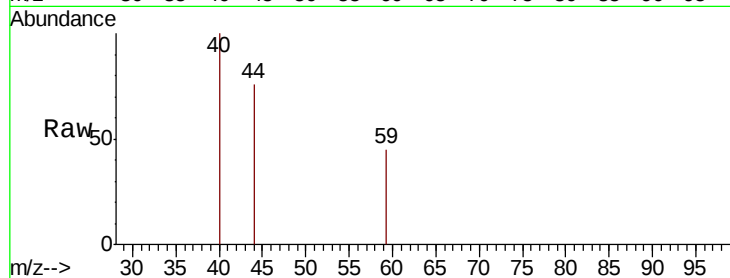


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.17 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: VW007236.D
 Acq: 05 Dec 2018 17:29

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-2B-(4.5)

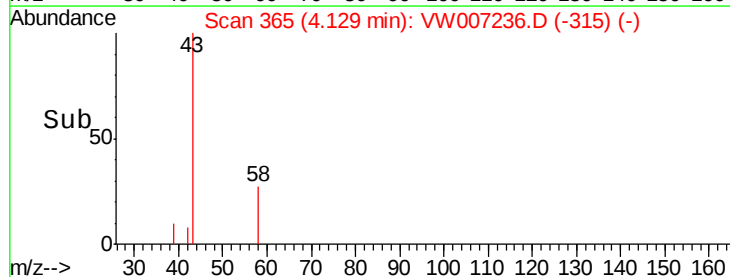
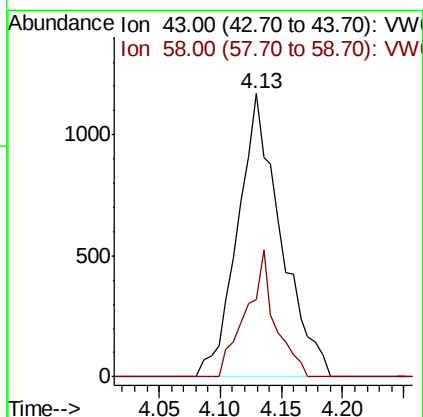
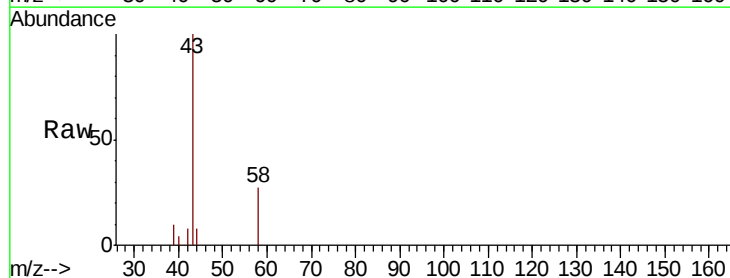
Tot Ion: 59 Resp: 39
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.1 10.7#

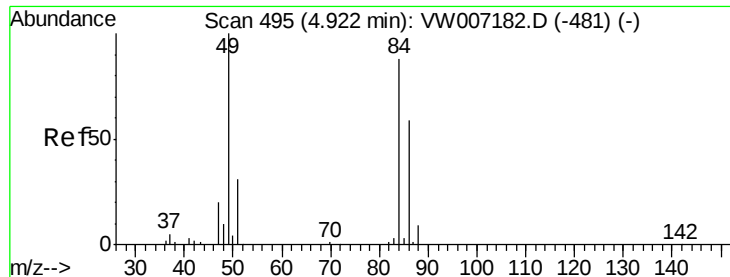


#16

Acetone
 Concen: 16.210 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VW007236.D
 Acq: 05 Dec 2018 17:29

Tgt Ion: 43 Resp: 2861
 Ion Ratio Lower Upper
 43 100
 58 27.3 23.8 35.8

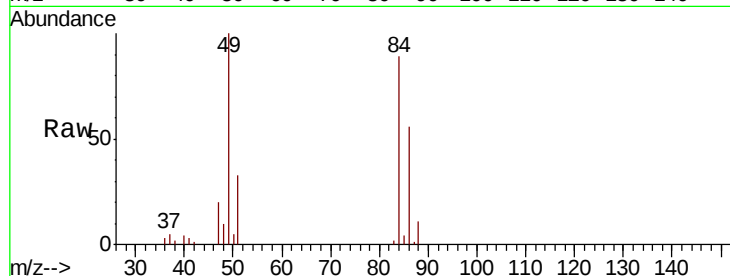




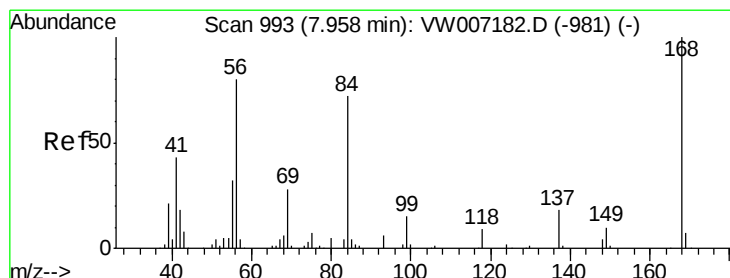
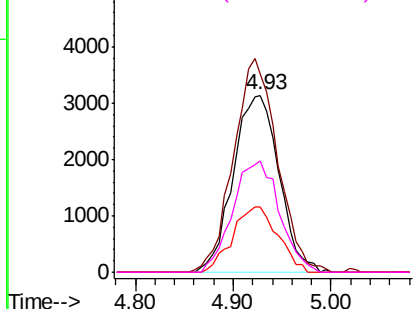
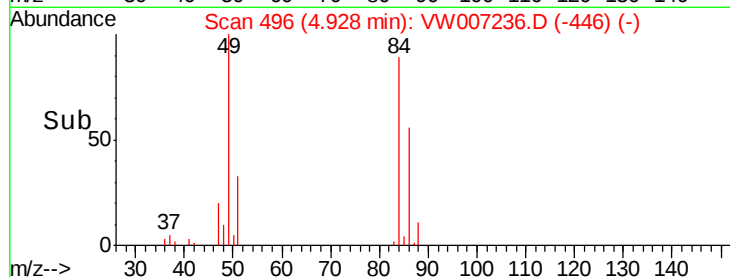
#20
Methvlene Chloride
Concen: 6.957 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW007236.D
Acq: 05 Dec 2018 17:29

Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-2B-(4.5)

Tot Ion:	84	Resp:	10174
Ion	Ratio	Lower	Upper
84	100		
49	112.5	90.6	135.8
51	36.7	27.6	41.4
86	63.2	53.7	80.5

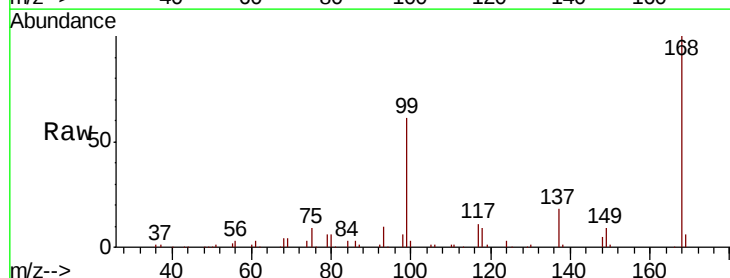


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

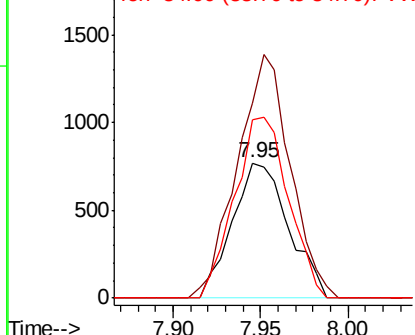
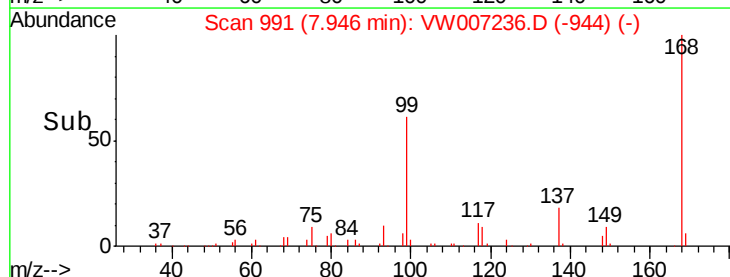


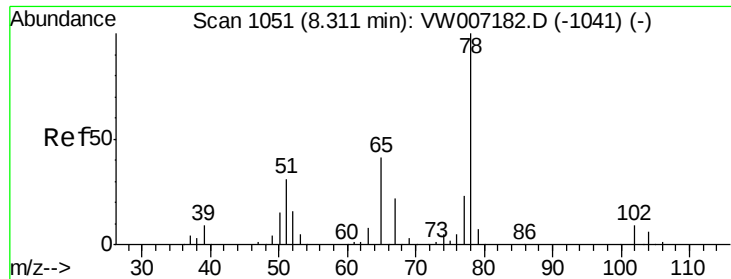
#31
Cyclohexane
Concen: 1.163 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007236.D
Acq: 05 Dec 2018 17:29

Tgt Ion:	56	Resp:	1720
Ion	Ratio	Lower	Upper
56	100		
69	143.7	28.2	42.2#
84	131.6	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

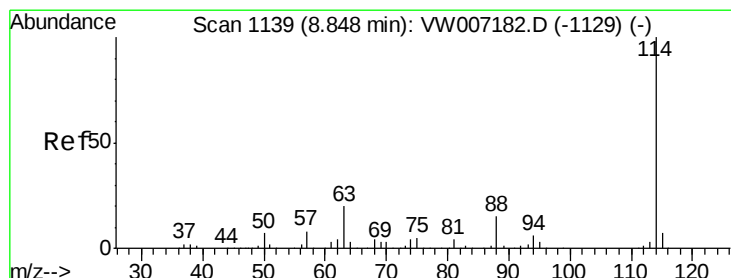
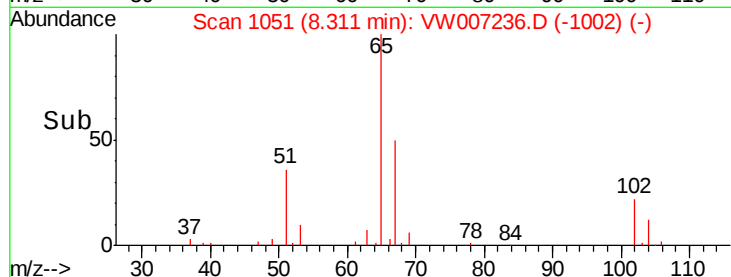
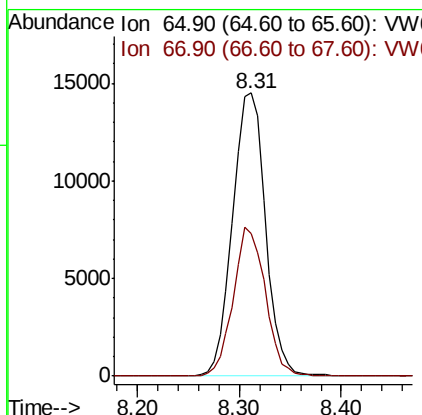
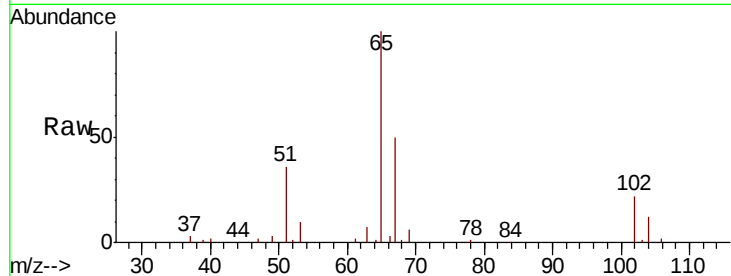




#33
 1,2-Dichloroethane-d4
 Concen: 43.487 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW007236.D
 Acq: 05 Dec 2018 17:29

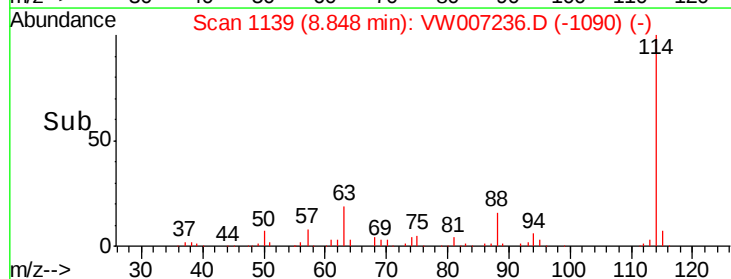
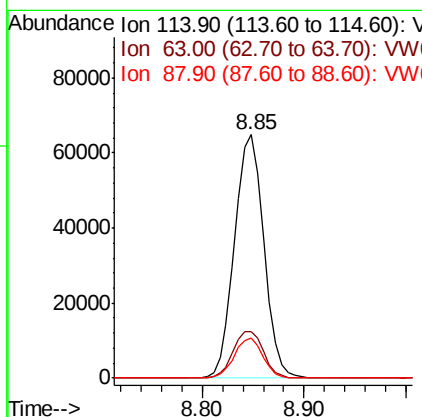
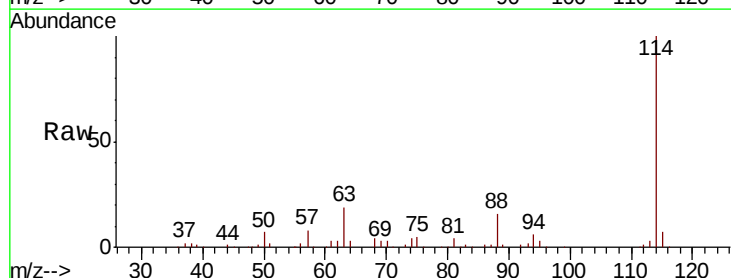
Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-2B-(4.5)

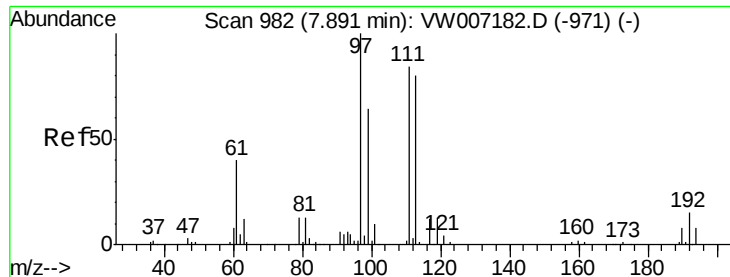
Tot Ion: 65 Resp: 32421
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW007236.D
 Acq: 05 Dec 2018 17:29

Tgt Ion: 114 Resp: 129376
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 40.2
 88 16.3 0.0 30.0

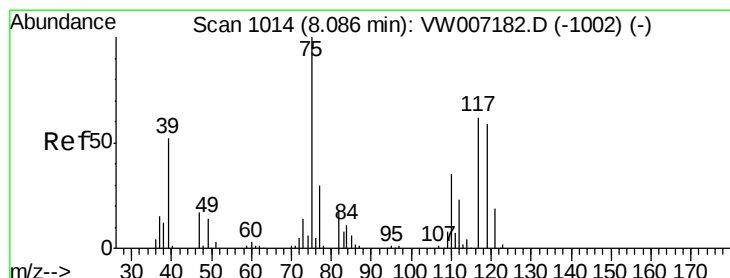
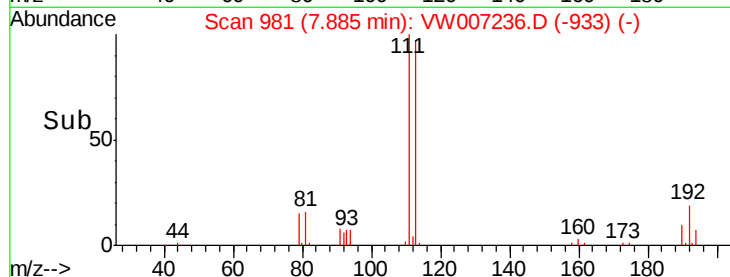
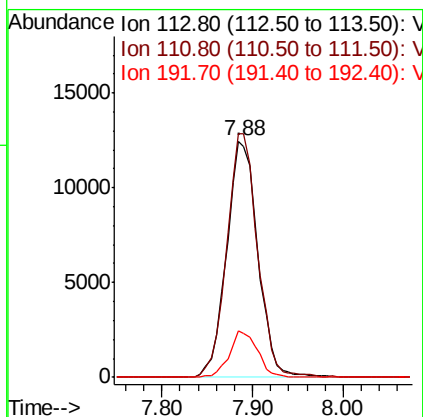
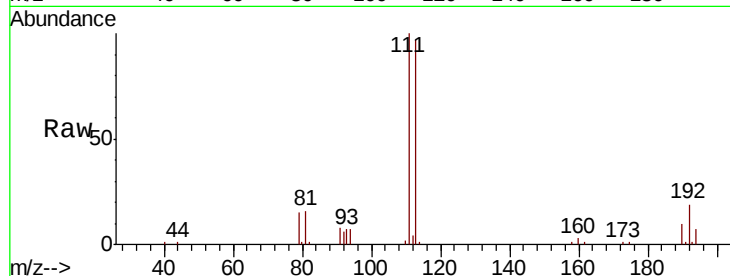




#35
Dibromofluoromethane
Concen: 40.493 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW007236.D
Acq: 05 Dec 2018 17:29

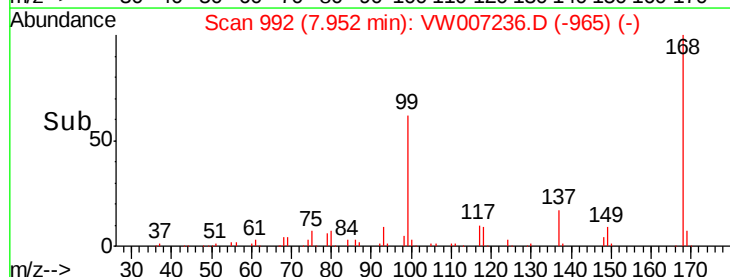
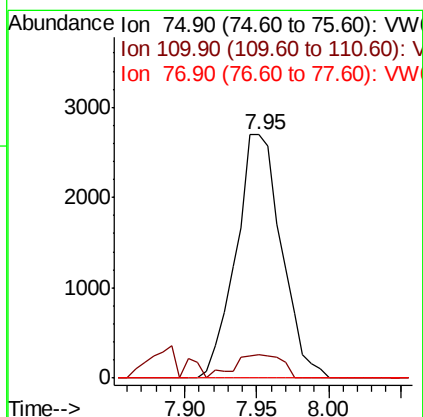
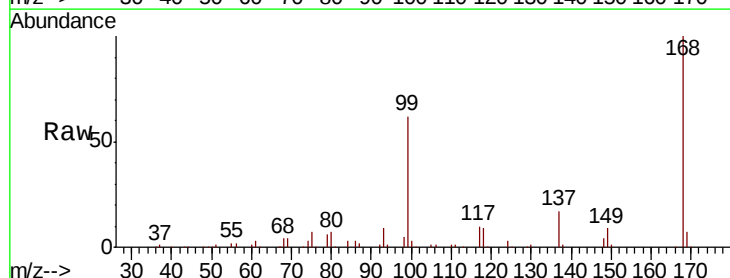
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MSVOA_W
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HLSP-SB-2B-(4.5)

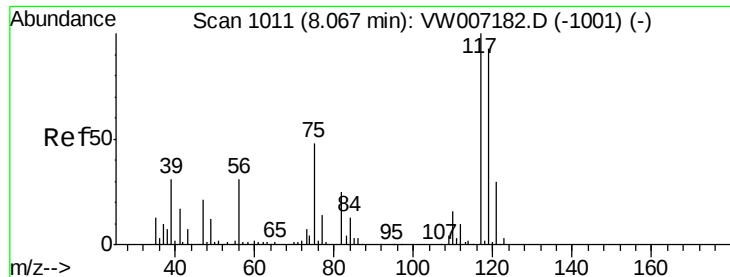
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.2	123.4
192	17.7	14.4	21.6



#36
1,1-Dichloropropene
Concen: 4.700 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.13 min
Lab File: VW007236.D
Acq: 05 Dec 2018 17:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.3	54.9#
77	0.0	24.9	37.3#

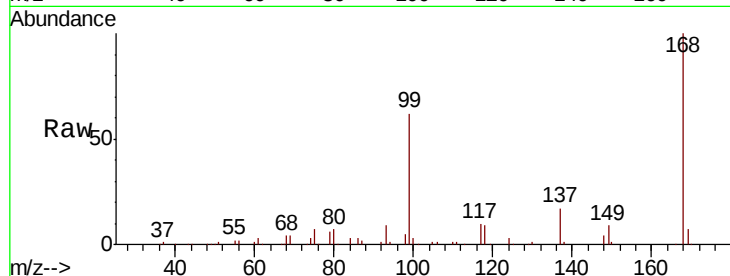




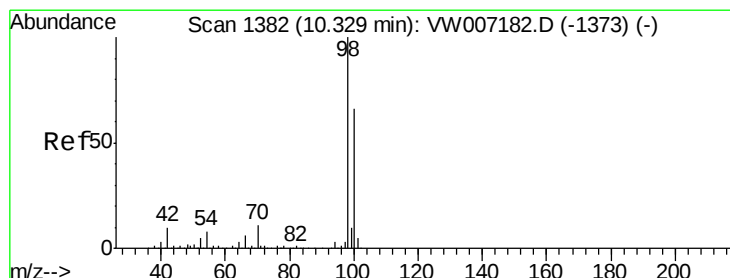
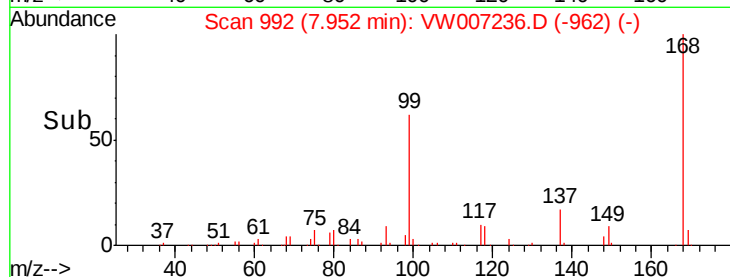
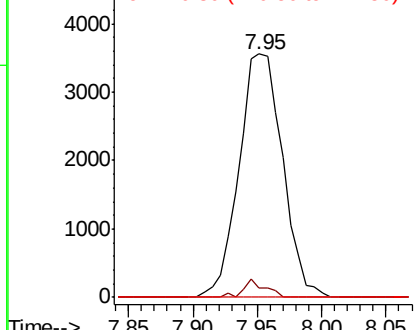
#38
Carbon Tetrachloride
Concen: 6.472 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007236.D
Acq: 05 Dec 2018 17:29

Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-2B-(4.5)

Tot Ion:117 Resp: 8316
Ion Ratio Lower Upper
117 100
119 4.0 74.1 111.1#
121 0.0 23.9 35.9#

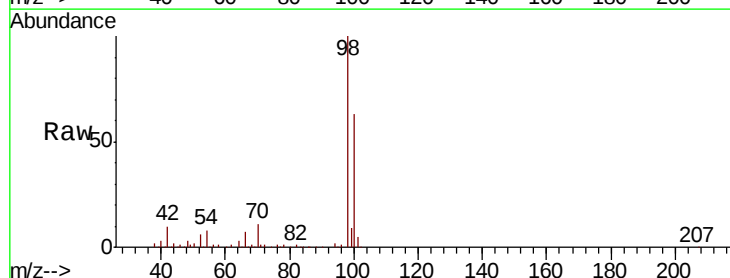


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

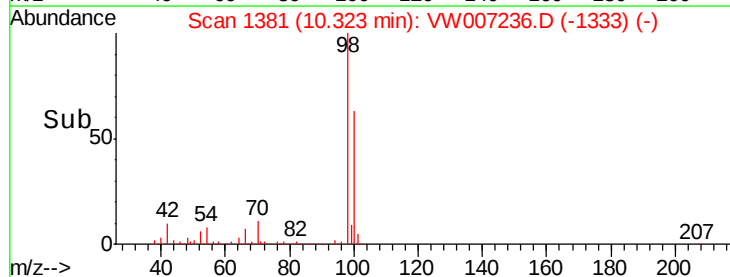
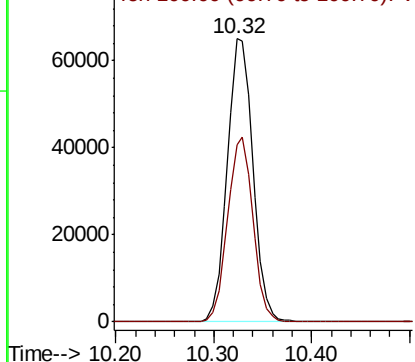


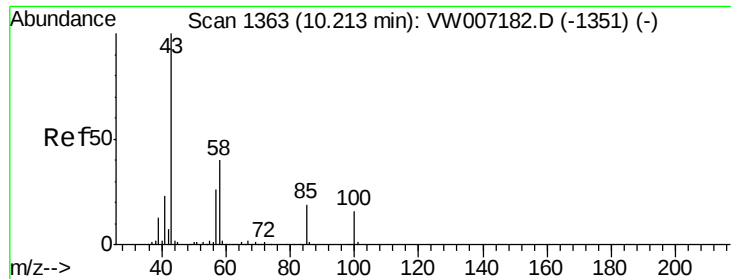
#50
Toluene-d8
Concen: 36.344 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007236.D
Acq: 05 Dec 2018 17:29

Tgt Ion: 98 Resp: 118599
Ion Ratio Lower Upper
98 100
100 64.1 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 1.170 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.12 min

Lab File: VW007236.D

Acq: 05 Dec 2018 17:29

Instrument :

MSVOA_W

ClientSampleId :

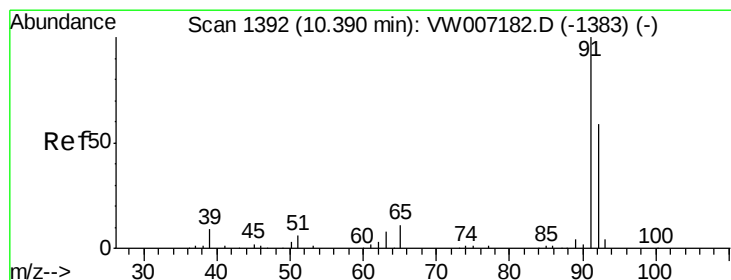
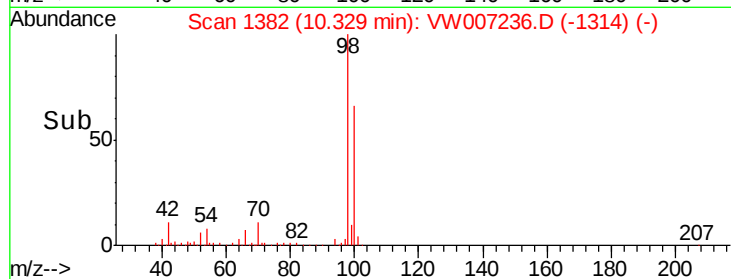
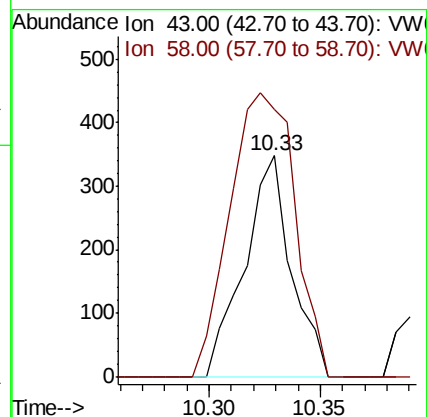
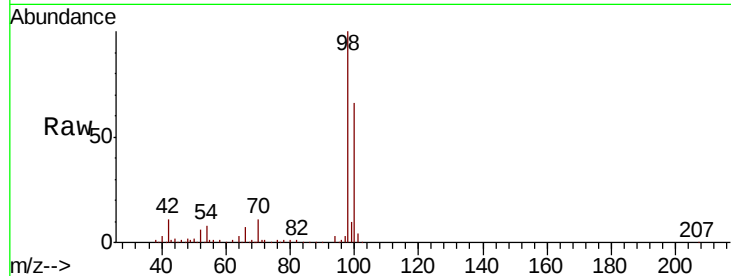
HLSP-SB-2B-(4.5)

Tot Ion: 43 Resp: 510

Ion Ratio Lower Upper

43 100

58 177.6 32.3 48.5#



#52

Toluene

Concen: 1.983 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007236.D

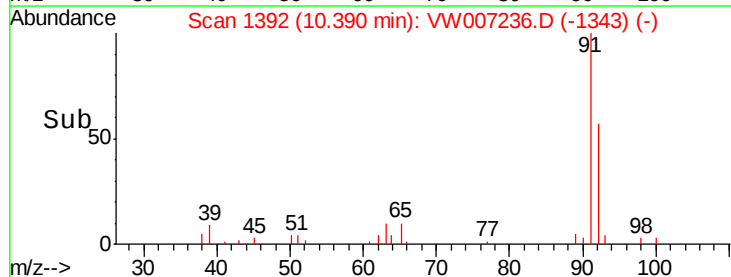
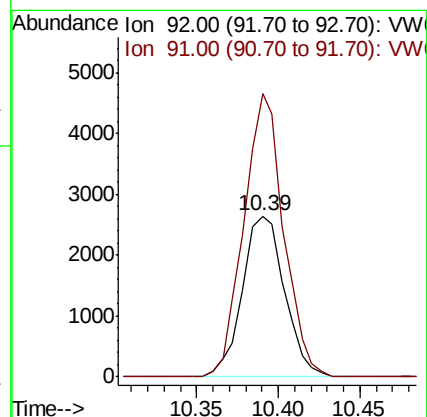
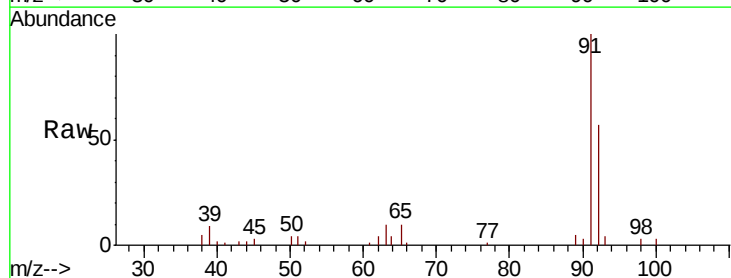
Acq: 05 Dec 2018 17:29

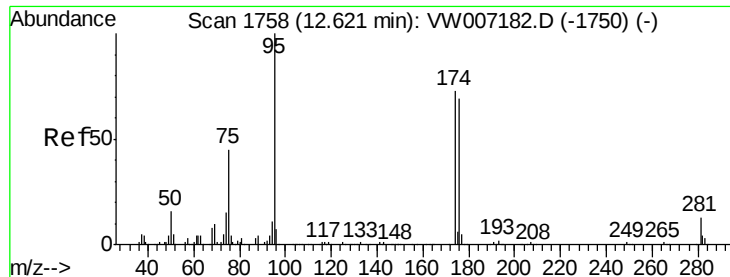
Tgt Ion: 92 Resp: 4761

Ion Ratio Lower Upper

92 100

91 166.2 136.0 204.0

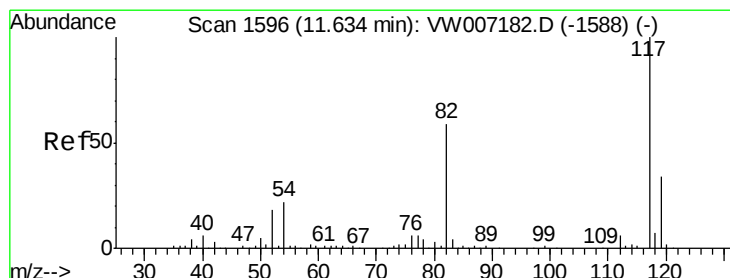
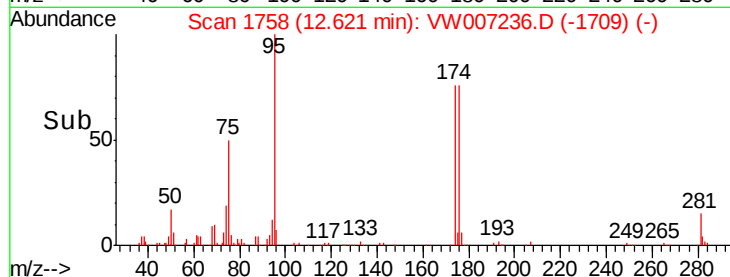
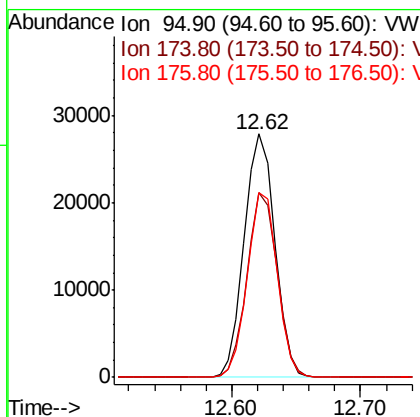
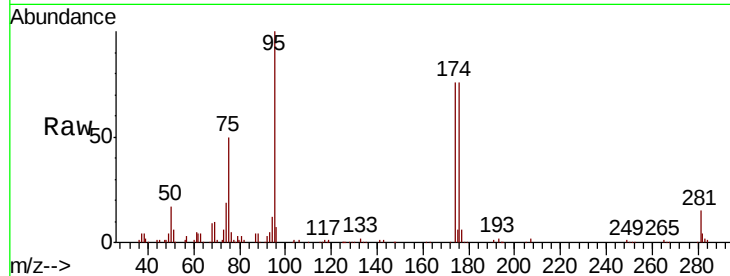




#62
4-Bromofluorobenzene
Concen: 37.283 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007236.D
Acq: 05 Dec 2018 17:29

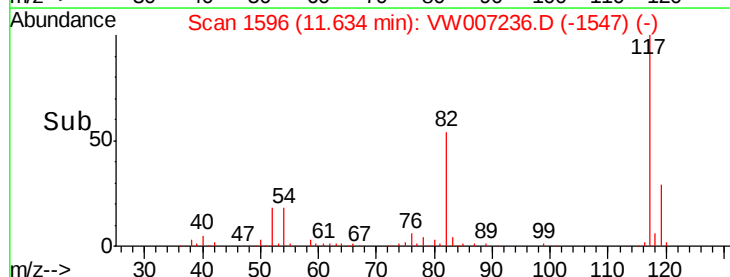
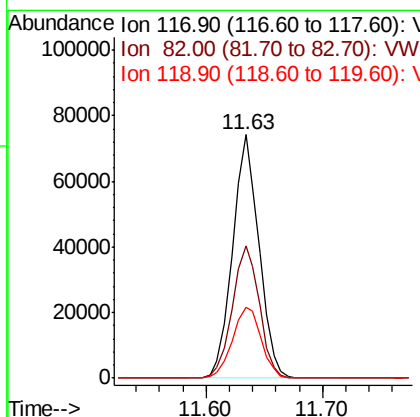
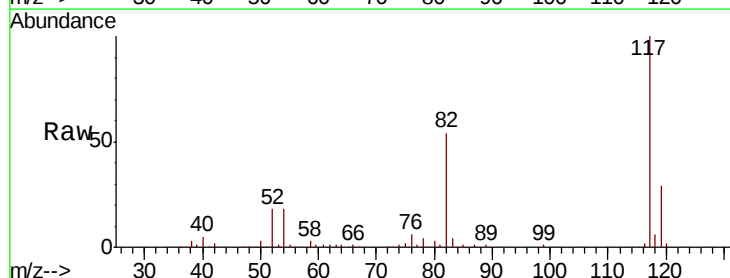
Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-2B-(4.5)

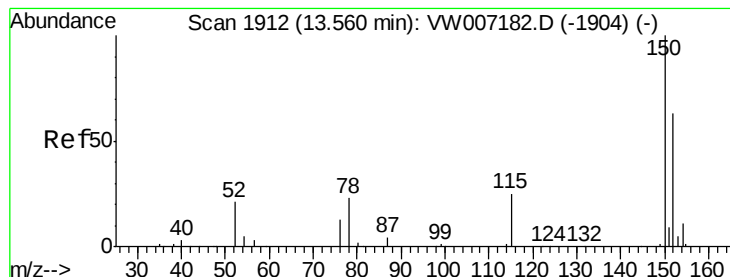
Tot Ion: 95 Resp: 45921
Ion Ratio Lower Upper
95 100
174 75.0 0.0 148.0
176 73.7 0.0 139.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007236.D
Acq: 05 Dec 2018 17:29

Tgt Ion: 117 Resp: 117138
Ion Ratio Lower Upper
117 100
82 54.4 47.4 71.2
119 28.9 26.8 40.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW007236.D

Acq: 05 Dec 2018 17:29

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-2B-(4.5)

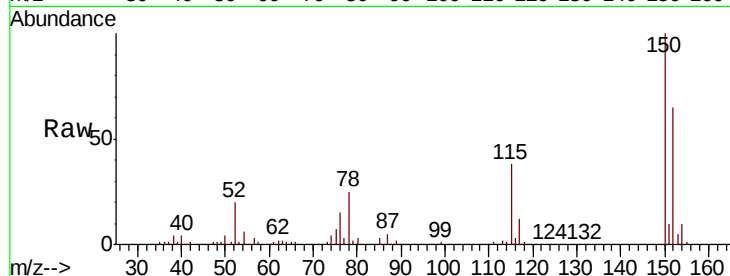
Tot Ion:152 Resp: 56847

Ion Ratio Lower Upper

152 100

115 60.5 31.3 93.8

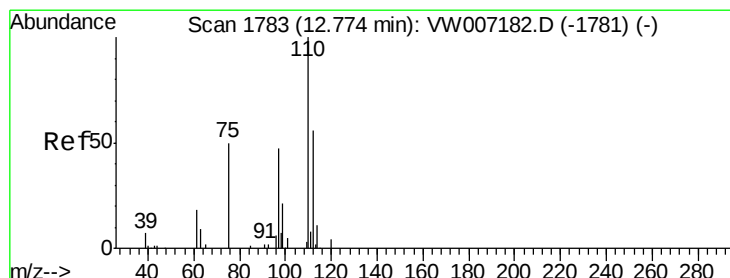
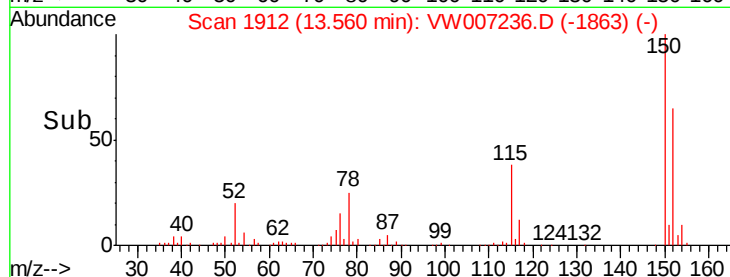
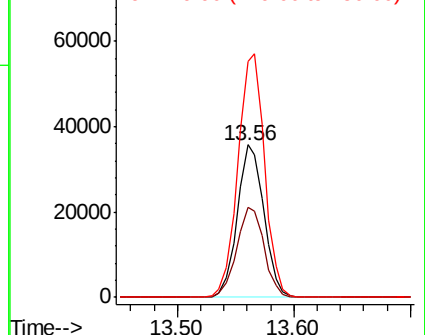
150 160.4 0.0 358.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 51.475 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007236.D

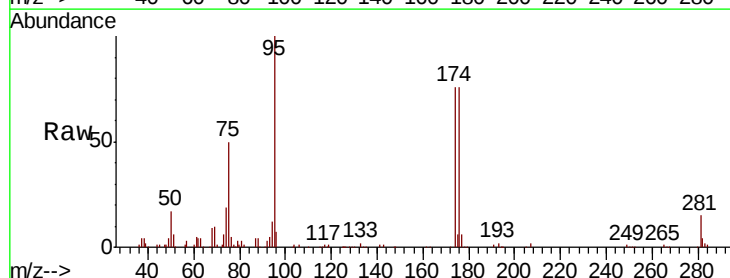
Acq: 05 Dec 2018 17:29

Tgt Ion: 75 Resp: 22658

Ion Ratio Lower Upper

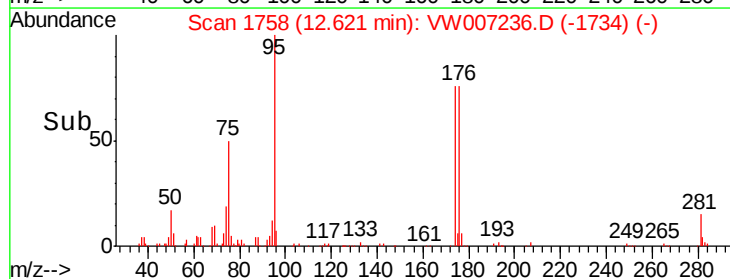
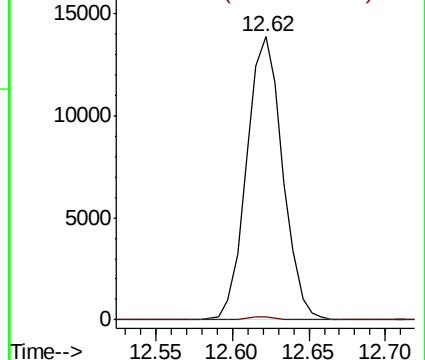
75 100

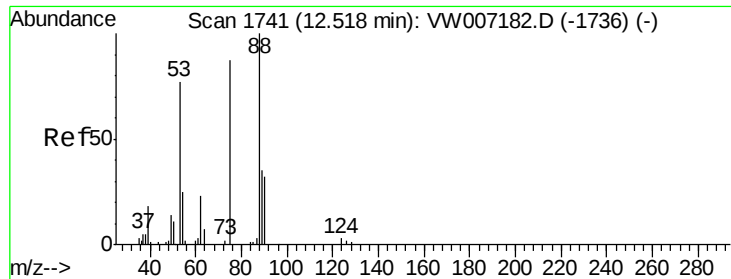
77 0.8 0.0 0.0#



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: 110.948 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007236.D

Acq: 05 Dec 2018 17:29

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-2B-(4.5)

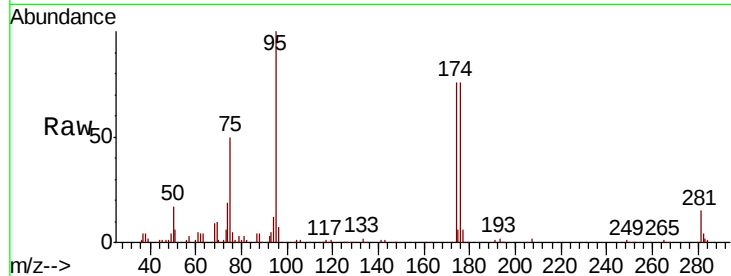
Tot Ion: 75 Resp: 22658

Ion Ratio Lower Upper

75 100

53 0.0 72.8 109.2#

89 0.3 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

