

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120518\
 Data File : VW007239.D
 Acq On : 05 Dec 2018 18:45
 Operator : SY/AP
 Sample : J6204-14
 Misc : 4.34G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-8A-(1)

Quant Time: Dec 06 06:22:19 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

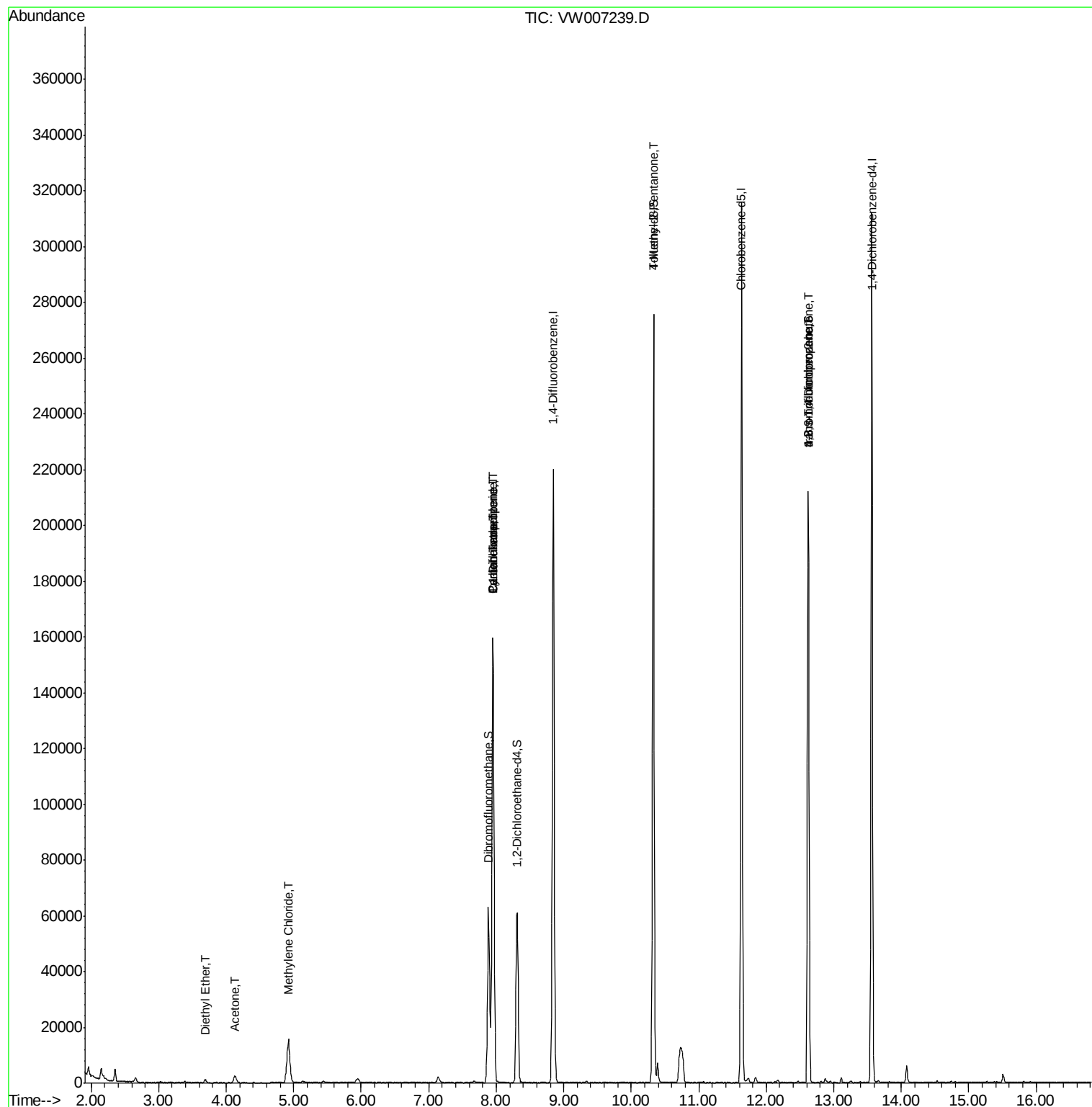
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	120203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	194572	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	179681	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	83365	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	50452	45.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.16%	
35) Dibromofluoromethane	7.89	113	46850	42.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.10%	
50) Toluene-d8	10.33	98	191041	38.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.86%	
62) 4-Bromofluorobenzene	12.62	95	71424	38.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.12%	
Target Compounds						
8) Diethyl Ether	3.70	74	681	1.202	ug/l	54
11) Tert butyl alcohol	5.14	59	451	Below Cal	#	75
16) Acetone	4.13	43	4620	17.438	ug/l	91
20) Methylene Chloride	4.92	84	12396	4.550	ug/l	95
31) Cyclohexane	7.95	56	2523	1.136	ug/l #	19
36) 1,1-Dichloropropene	7.95	75	8521	4.501	ug/l #	51
38) Carbon Tetrachloride	7.95	117	12222	6.325	ug/l #	19
51) 4-Methyl-2-Pentanone	10.33	43	827	1.262	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	35168	54.482	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	35168	117.427	ug/l #	13

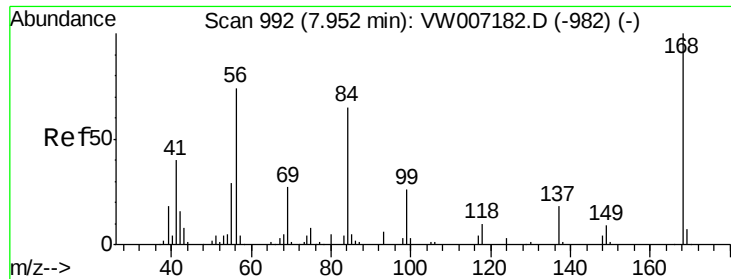
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120518\
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HLSP-SB-8A-(1)

Quant Time: Dec 06 06:22:19 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: VW007239.D

Acq: 05 Dec 2018 18:45

Instrument :

MSVOA_W

ClientSampleId :

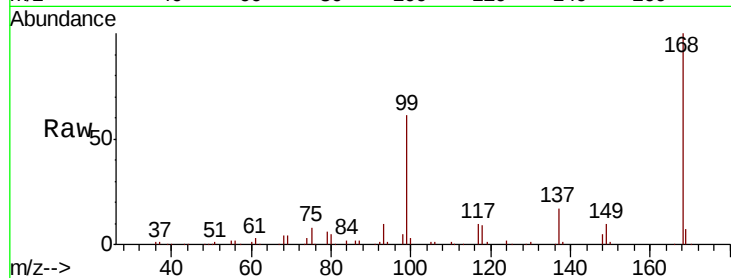
HLSP-SB-8A-(1)

Tot Ion:168 Resp: 120203

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

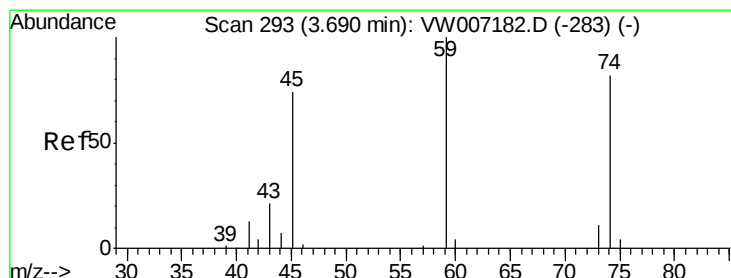
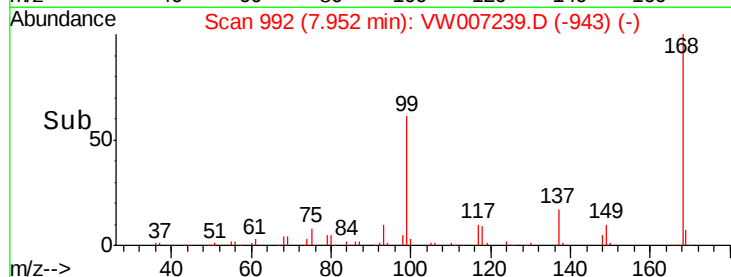
30000

20000

10000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 1.202 ug/l

RT: 3.70 min Scan# 294

Delta R.T. 0.01 min

Lab File: VW007239.D

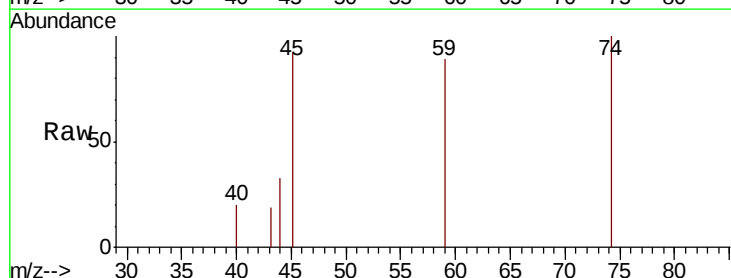
Acq: 05 Dec 2018 18:45

Tgt Ion: 74 Resp: 681

Ion Ratio Lower Upper

74 100

45 49.8 47.2 141.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.70

400

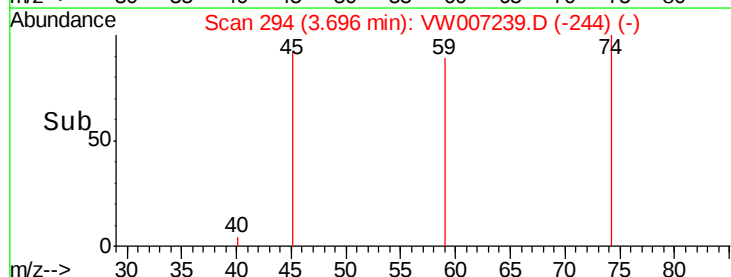
300

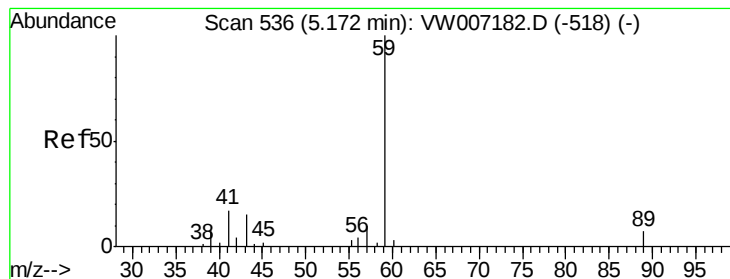
200

100

0

Time--> 3.65 3.70 3.75



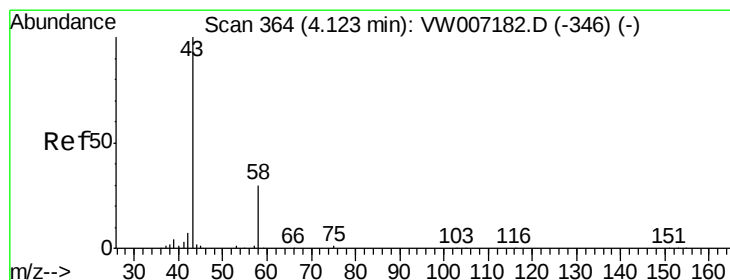
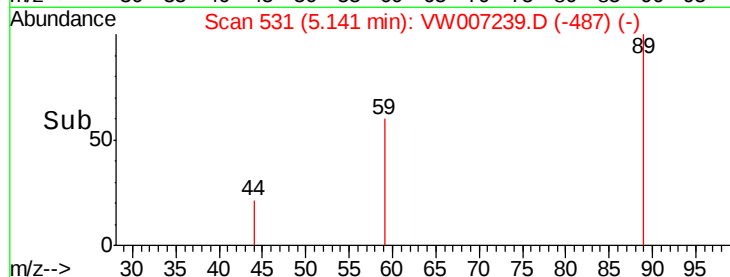
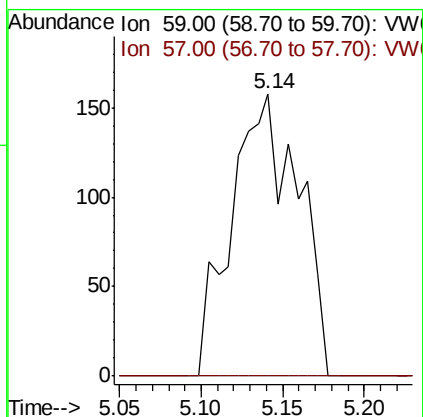
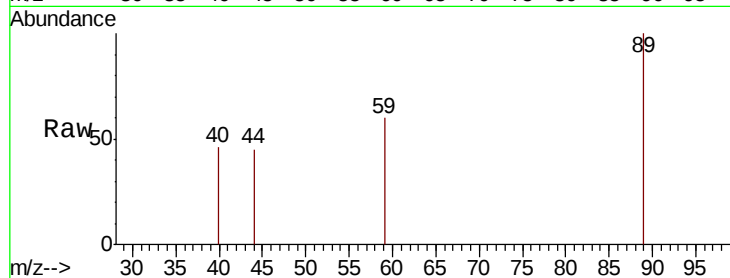


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.14 min Scan# 531
 Delta R.T. -0.03 min
 Lab File: VW007239.D
 Acq: 05 Dec 2018 18:45

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-8A-(1)

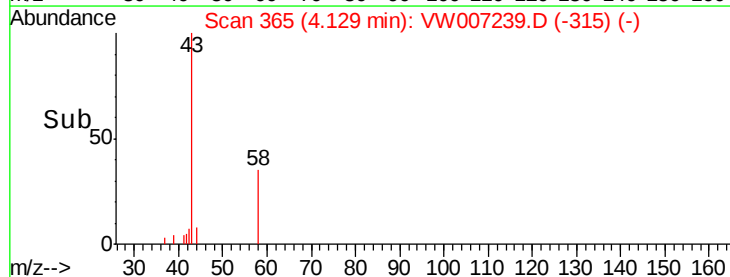
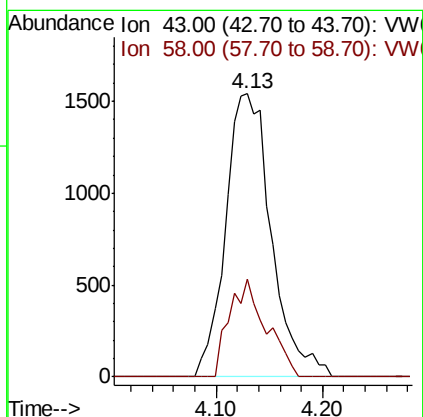
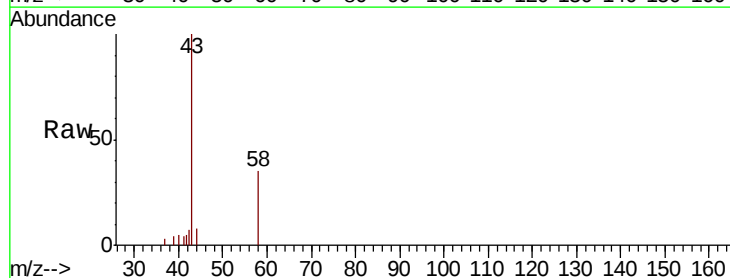
Tot Ion: 59 Resp: 451
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.1 10.7#

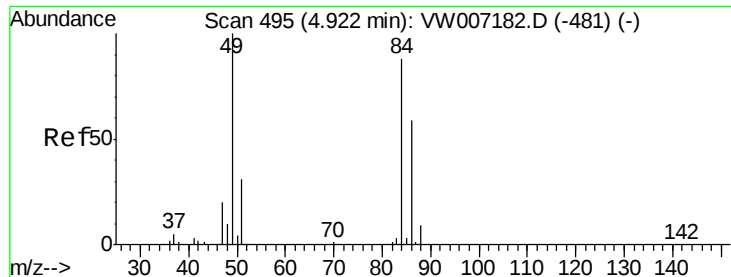


#16

Acetone
 Concen: 17.438 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VW007239.D
 Acq: 05 Dec 2018 18:45

Tgt Ion: 43 Resp: 4620
 Ion Ratio Lower Upper
 43 100
 58 34.7 23.8 35.8

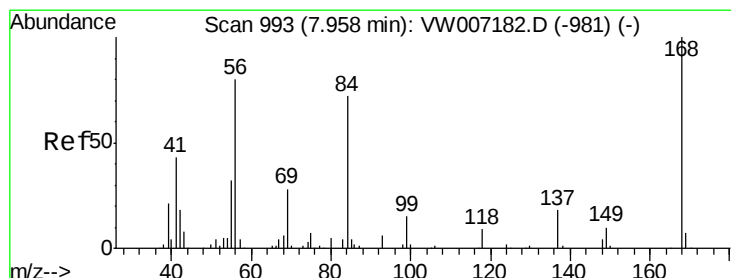
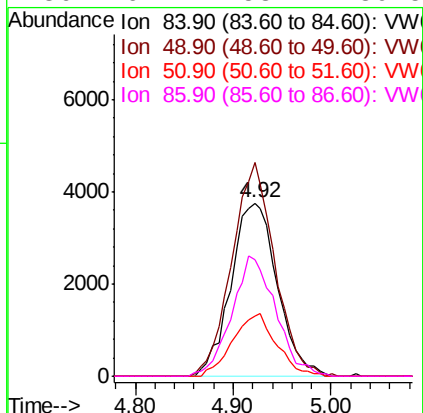
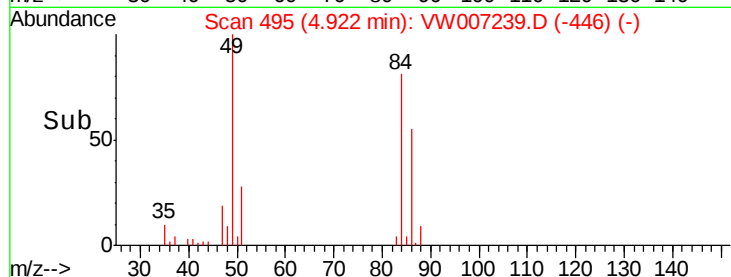
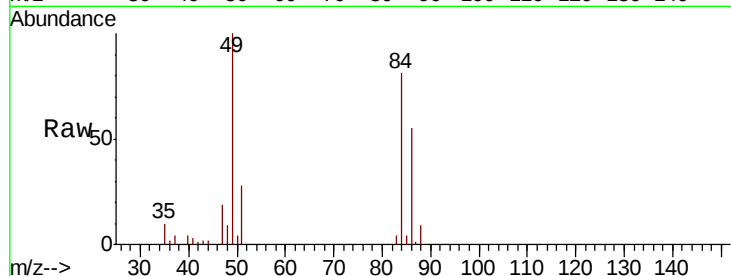




#20
Methylene Chloride
Concen: 4.550 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007239.D
Acq: 05 Dec 2018 18:45

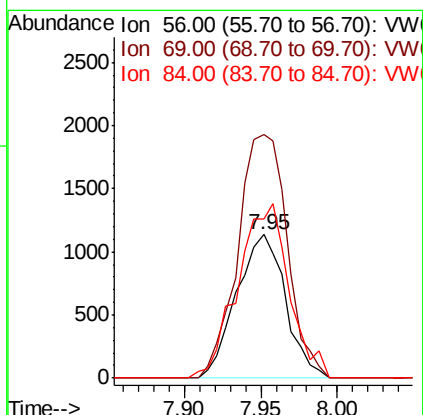
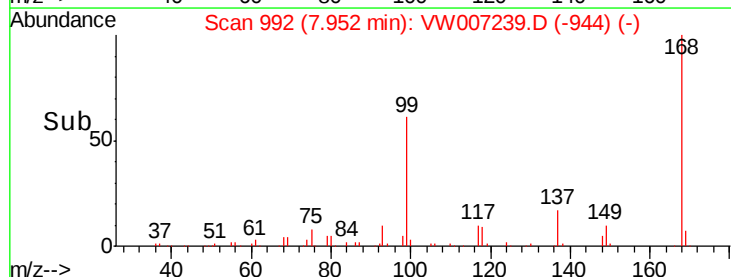
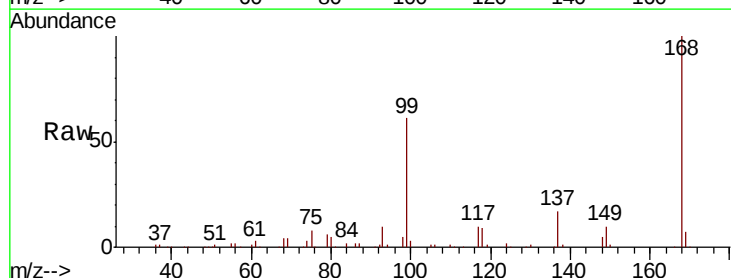
Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-8A-(1)

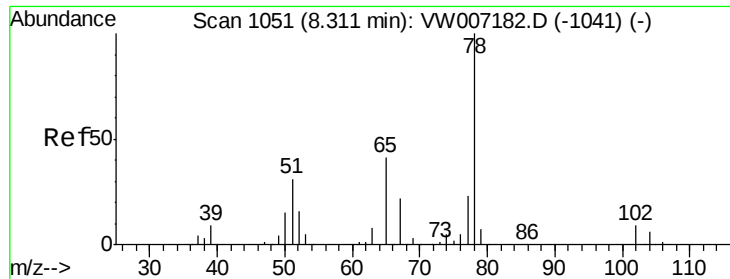
Tot Ion:	84	Resp:	12396
Ion	Ratio	Lower	Upper
84	100		
49	123.3	90.6	135.8
51	34.8	27.6	41.4
86	67.4	53.7	80.5



#31
Cyclohexane
Concen: 1.136 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW007239.D
Acq: 05 Dec 2018 18:45

Tgt Ion:	56	Resp:	2523
Ion	Ratio	Lower	Upper
56	100		
69	170.0	28.2	42.2#
84	110.8	72.1	108.1#

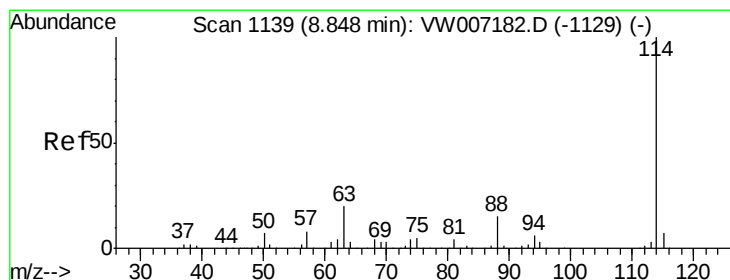
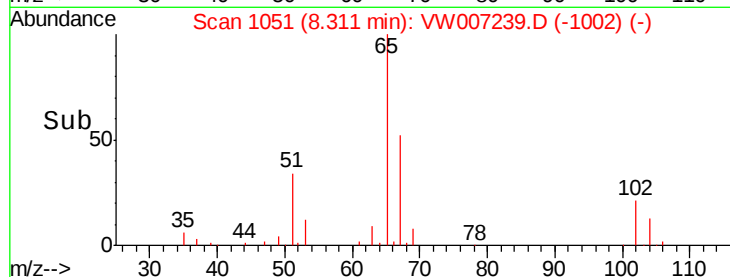
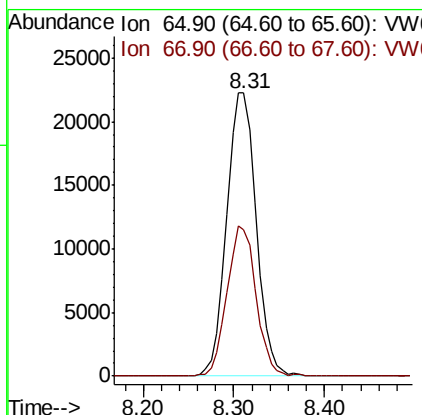
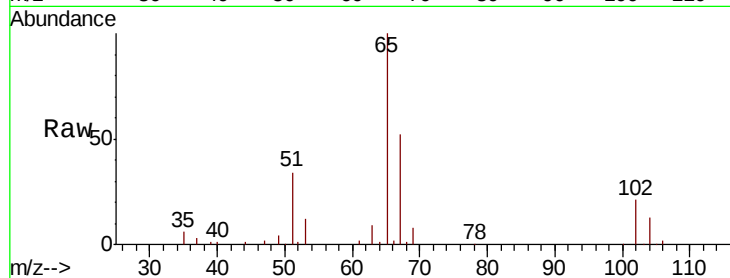




#33
 1,2-Dichloroethane-d4
 Concen: 45.081 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW007239.D
 Acq: 05 Dec 2018 18:45

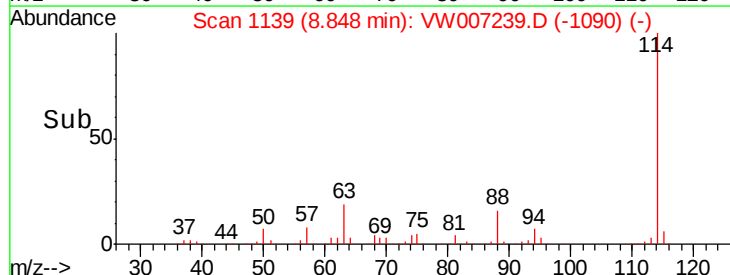
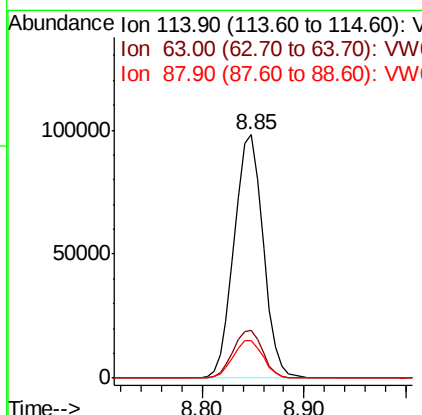
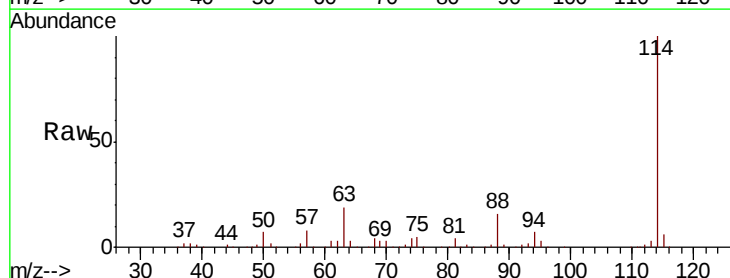
Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-8A-(1)

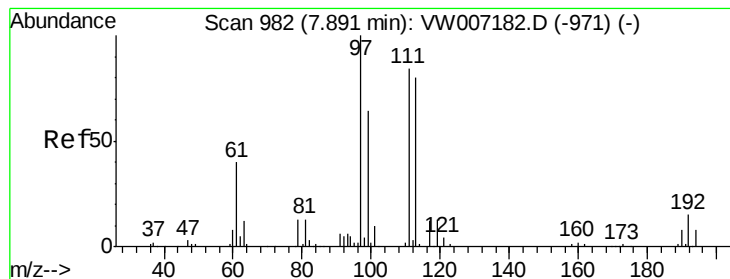
Tot Ion: 65 Resp: 50452
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW007239.D
 Acq: 05 Dec 2018 18:45

Tgt Ion: 114 Resp: 194572
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.2
 88 15.5 0.0 30.0





#35

Dibromofluoromethane

Concen: 42.051 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW007239.D

Acq: 05 Dec 2018 18:45

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-8A-(1)

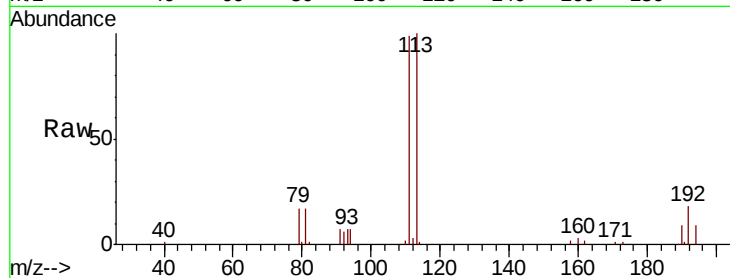
Tot Ion:113 Resp: 46850

Ion Ratio Lower Upper

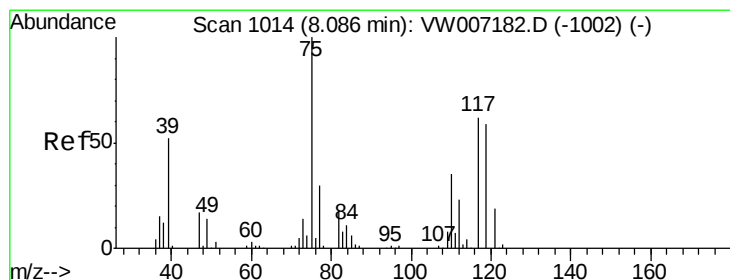
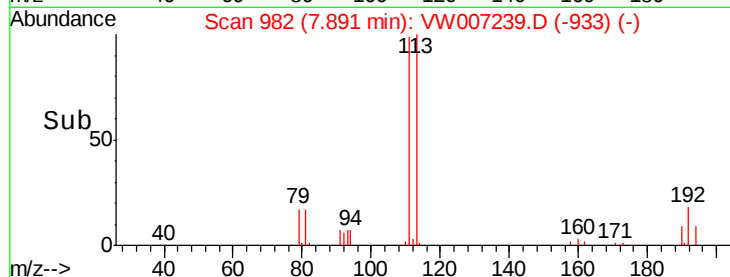
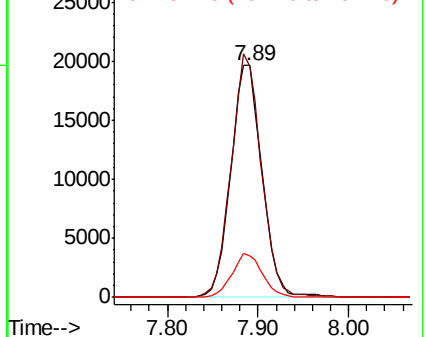
113 100

111 101.7 82.2 123.4

192 18.2 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: 4.501 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW007239.D

Acq: 05 Dec 2018 18:45

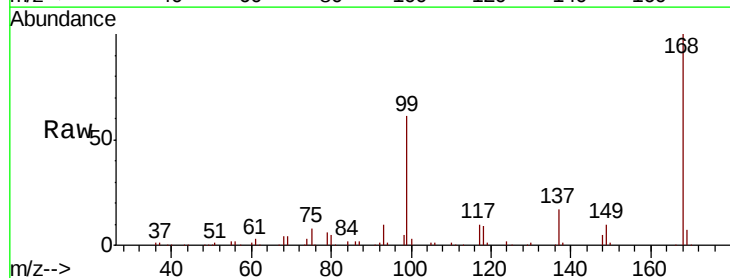
Tgt Ion: 75 Resp: 8521

Ion Ratio Lower Upper

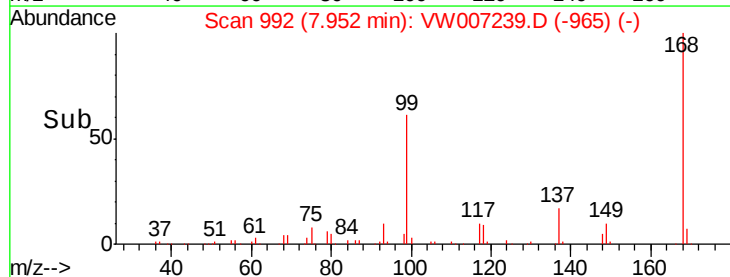
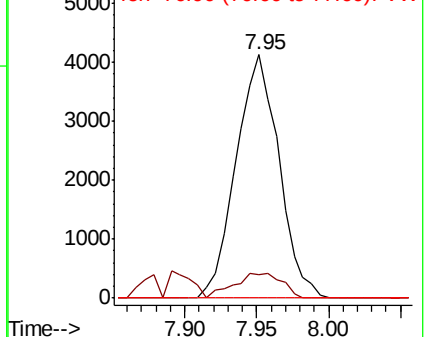
75 100

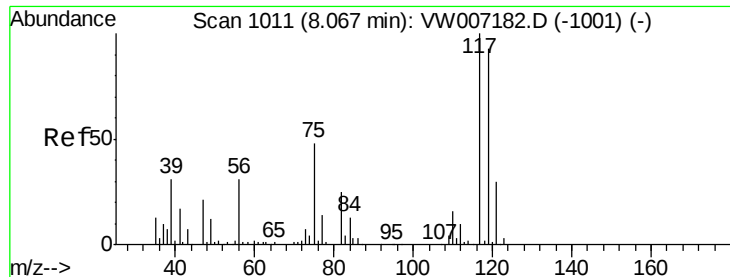
110 11.4 18.3 54.9#

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: 6.325 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW007239.D

Acq: 05 Dec 2018 18:45

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-8A-(1)

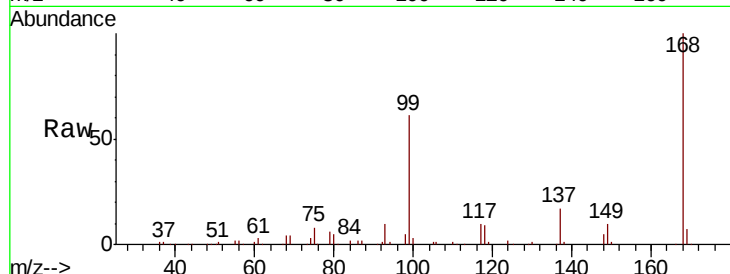
Tot Ion:117 Resp: 12222

Ion Ratio Lower Upper

117 100

119 7.0 74.1 111.1#

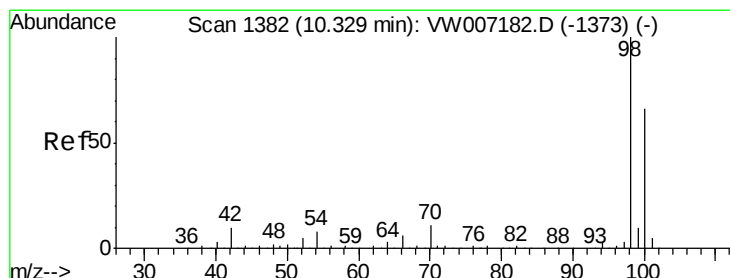
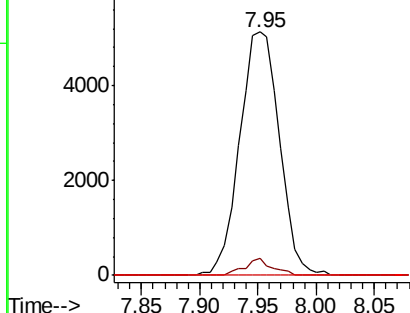
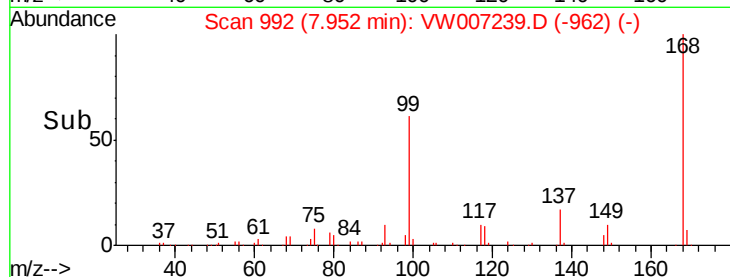
121 0.0 23.9 35.9#



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: 38.927 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW007239.D

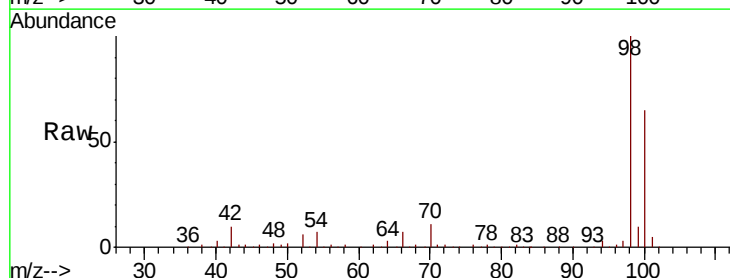
Acq: 05 Dec 2018 18:45

Tgt Ion: 98 Resp: 191041

Ion Ratio Lower Upper

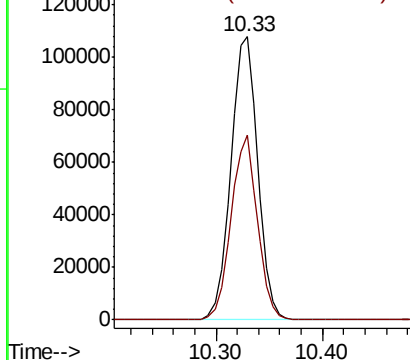
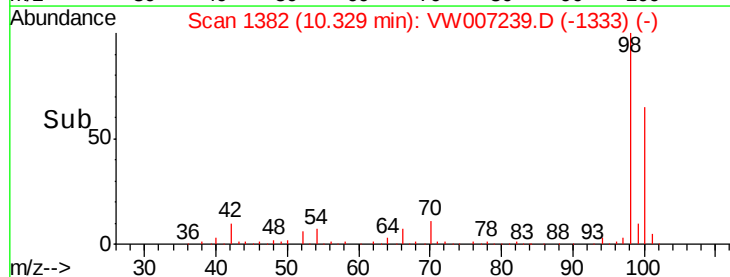
98 100

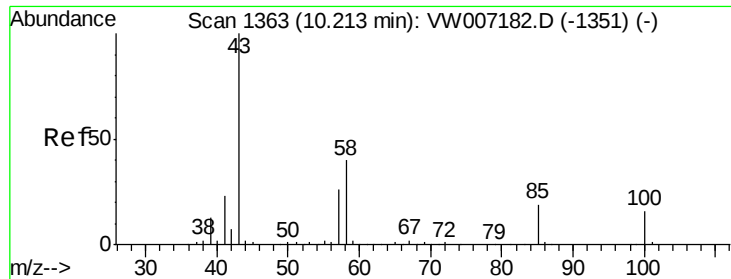
100 63.8 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 1.262 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.12 min

Lab File: VW007239.D

Acq: 05 Dec 2018 18:45

Instrument :

MSVOA_W

ClientSampleId :

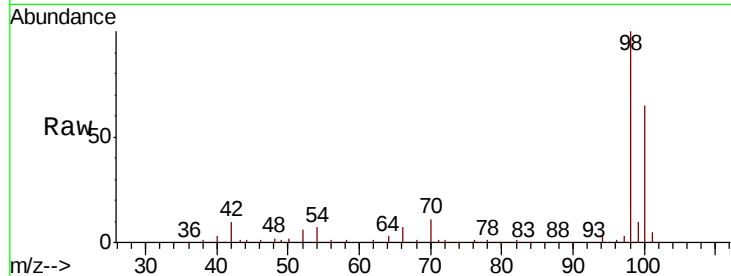
HLSP-SB-8A-(1)

Tot Ion: 43 Resp: 827

Ion Ratio Lower Upper

43 100

58 181.7 32.3 48.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

1000

800

600

400

200

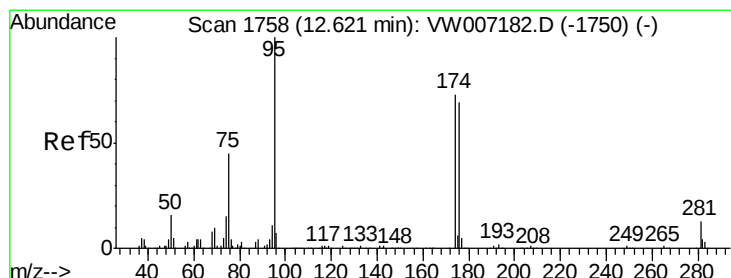
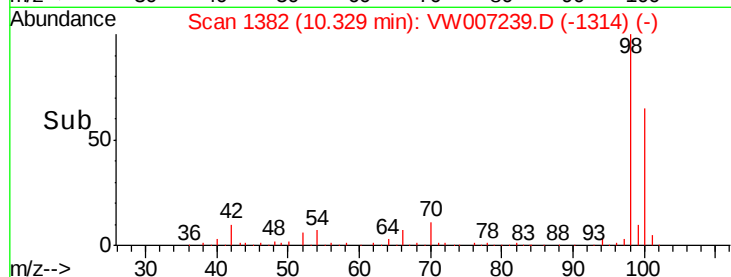
0

10.25

10.30

10.35

Time-->



#62

4-Bromofluorobenzene

Concen: 38.558 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007239.D

Acq: 05 Dec 2018 18:45

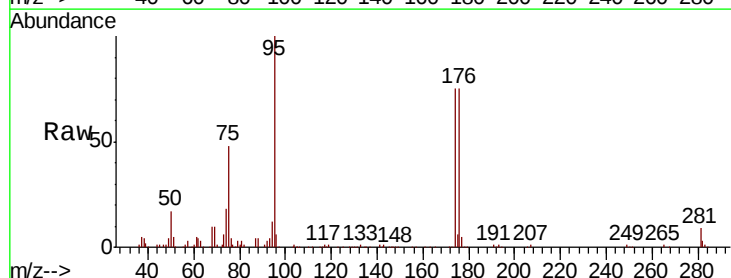
Tgt Ion: 95 Resp: 71424

Ion Ratio Lower Upper

95 100

174 73.8 0.0 148.0

176 74.0 0.0 139.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

60000

50000

40000

30000

20000

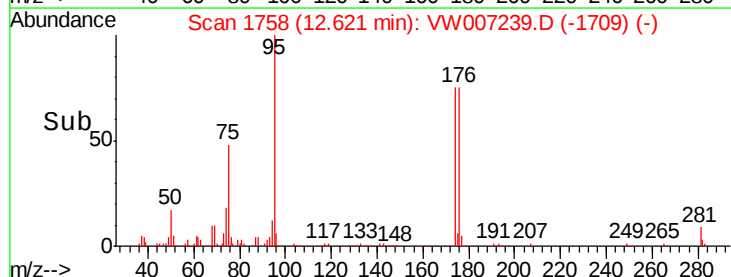
10000

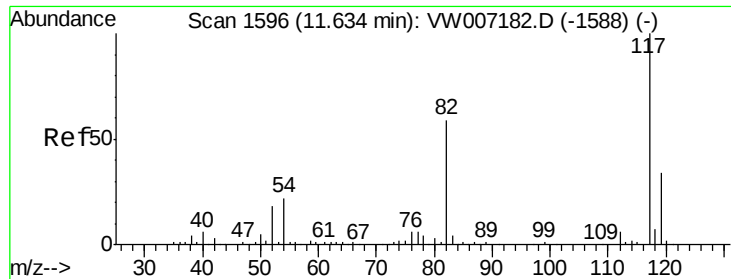
0

12.60

12.70

Time-->

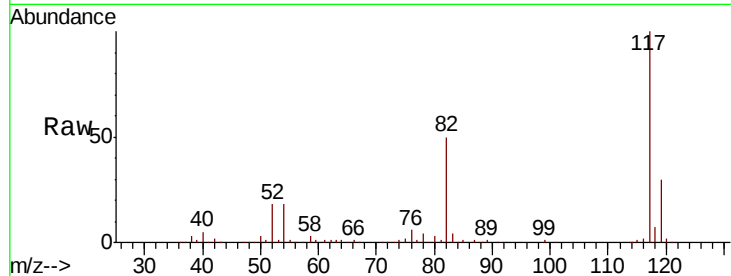




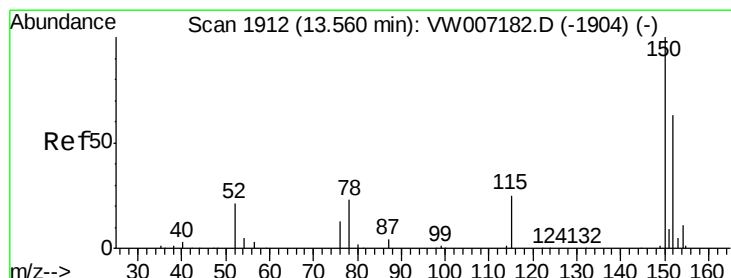
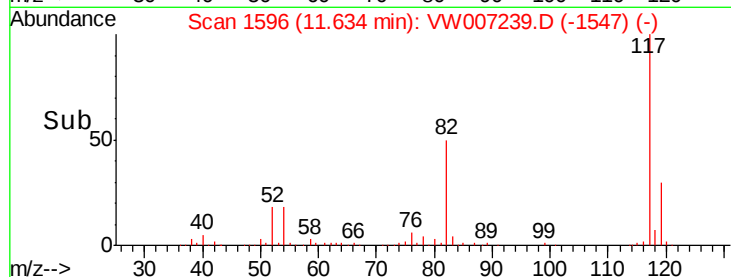
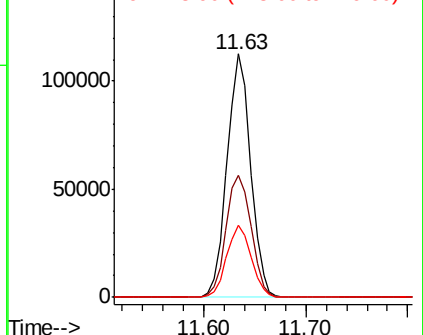
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007239.D
Acq: 05 Dec 2018 18:45

Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-8A-(1)

Tot Ion:117 Resp: 179681
Ion Ratio Lower Upper
117 100
82 50.4 47.4 71.2
119 29.8 26.8 40.2

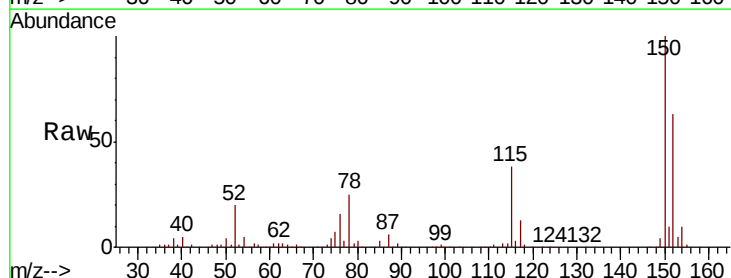


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

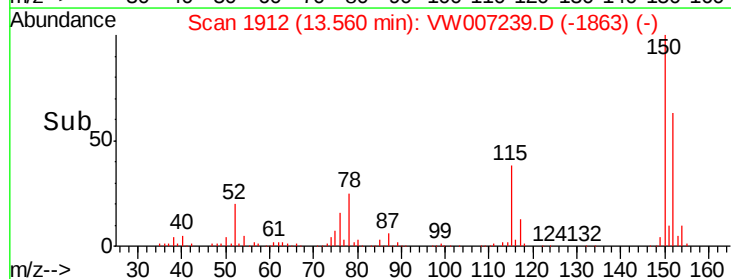
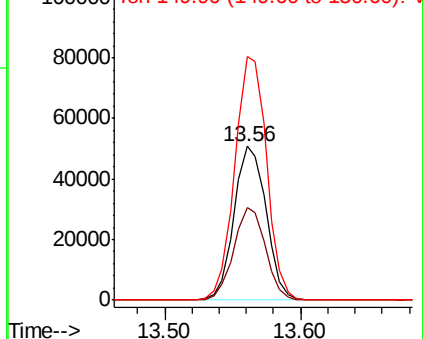


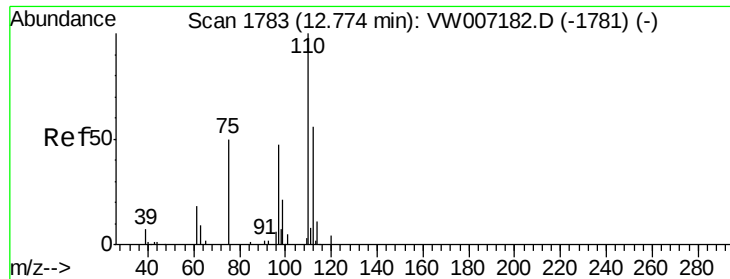
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007239.D
Acq: 05 Dec 2018 18:45

Tgt Ion:152 Resp: 83365
Ion Ratio Lower Upper
152 100
115 59.8 31.3 93.8
150 157.5 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

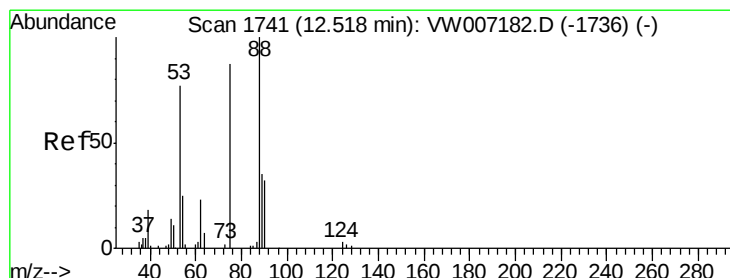
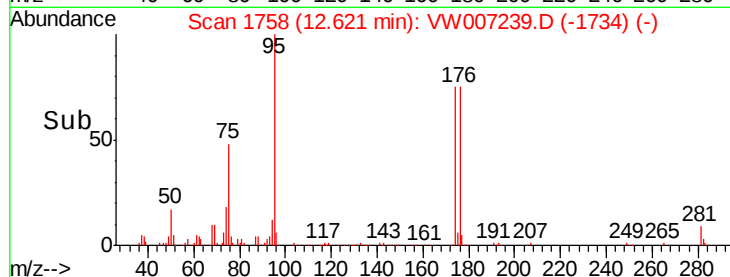
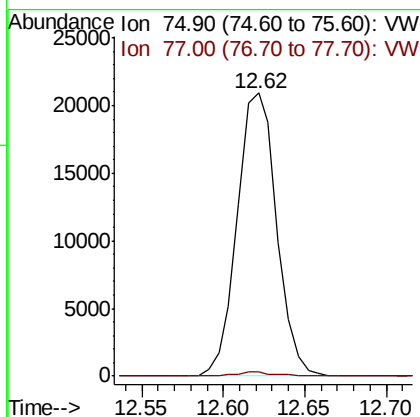
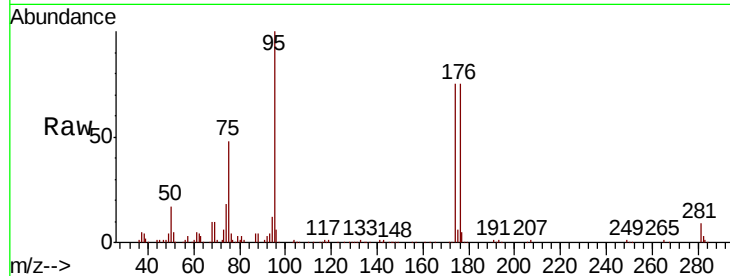




#76
 1,2,3-Trichloropropane
 Concen: 54.482 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW007239.D
 Acq: 05 Dec 2018 18:45

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-8A-(1)

Tot Ion: 75 Resp: 35168
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 117.427 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW007239.D
 Acq: 05 Dec 2018 18:45

Tgt Ion: 75 Resp: 35168
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.8 109.2#
 89 0.0 36.4 54.6#

