

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120418\
 Data File : VW007196.D
 Acq On : 04 Dec 2018 19:03
 Operator : SY/AP
 Sample : J6206-02
 Misc : 5.77G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Dec 05 05:06:51 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	7.96	168	123162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	201685	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	178981	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	86837	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	52483	45.77	ug/l	0.00
Spiked Amount			Recovery	=	91.54%	
35) Dibromofluoromethane	7.89	113	50229	43.49	ug/l	0.00
Spiked Amount			Recovery	=	86.98%	
50) Toluene-d8	10.32	98	216441	42.55	ug/l	0.00
Spiked Amount			Recovery	=	85.10%	
62) 4-Bromofluorobenzene	12.62	95	80327	41.84	ug/l	0.00
Spiked Amount			Recovery	=	83.68%	

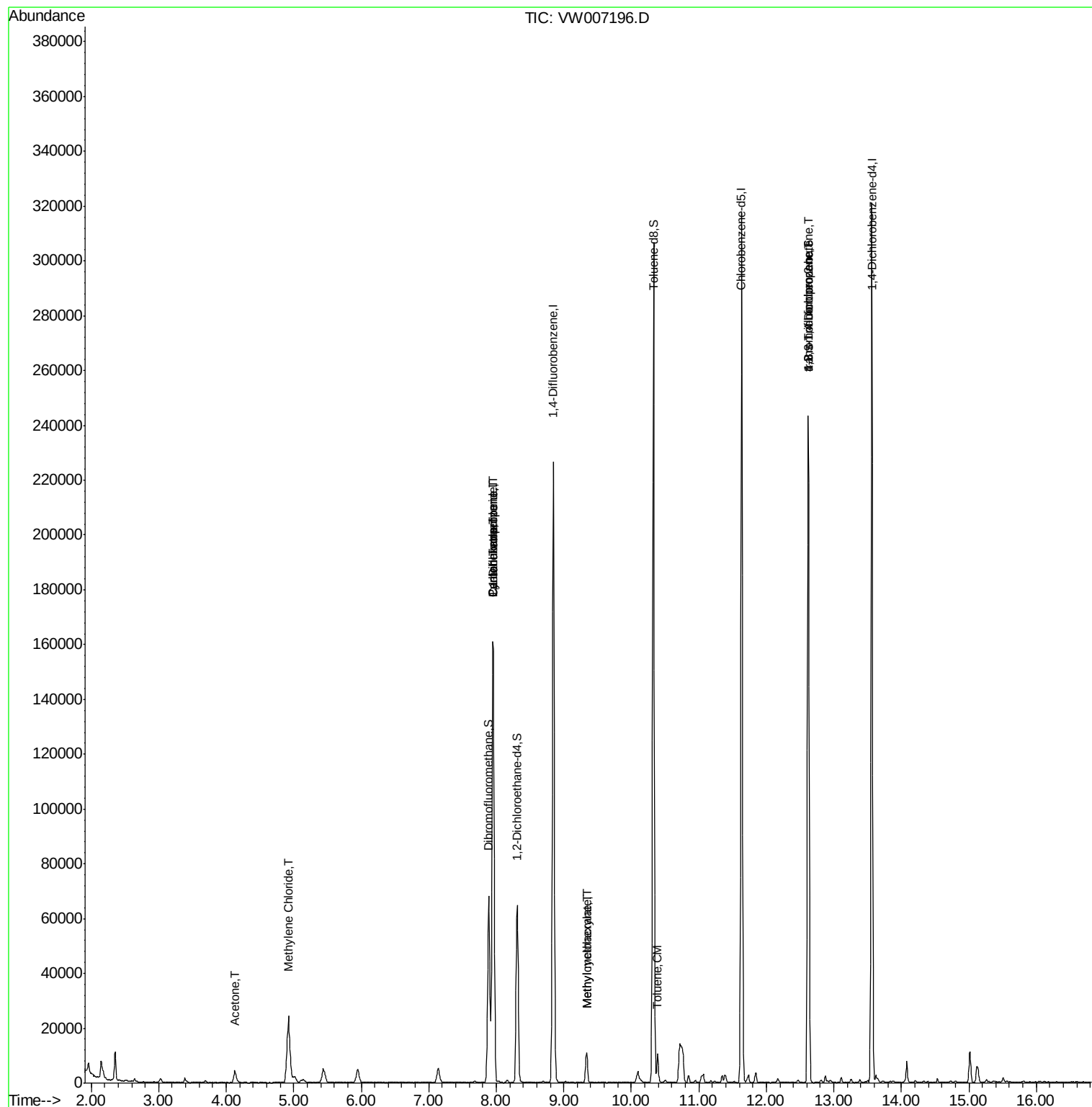
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.13	59	1451	Below Cal	#	75
16) Acetone	4.13	43	7840	28.881	ug/l	92
20) Methylene Chloride	4.92	84	18425	9.225	ug/l #	92
31) Cyclohexane	7.95	56	3025	1.329	ug/l #	33
36) 1,1-Dichloropropene	7.96	75	9250	4.714	ug/l #	50
38) Carbon Tetrachloride	7.95	117	12573	6.277	ug/l #	17
39) Methylcyclohexane	9.34	83	4844	1.844	ug/l	94
48) Methyl methacrylate	9.34	41	1990	2.781	ug/l #	70
52) Toluene	10.39	92	4394	1.174	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	40064	30.701	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	40064	128.426	ug/l #	13

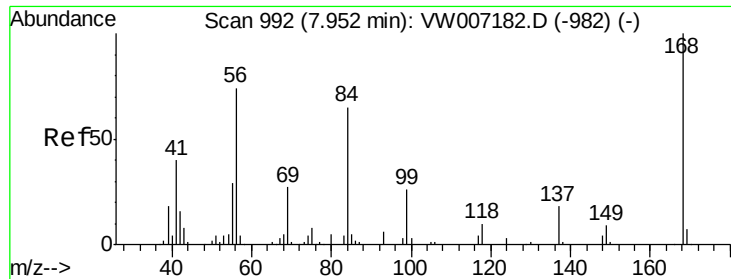
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120418\
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ALS Vial : 19 Sample Multiplier: 1

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW007196.D

Acq: 04 Dec 2018 19:03

Instrument :

MSVOA_W

ClientSampleId :

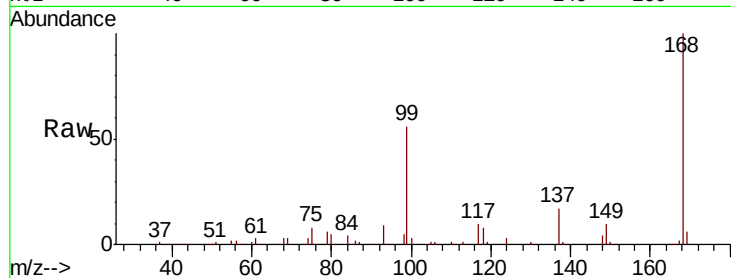
HLSP-SB-5B-(8.5)

Tot Ion:168 Resp: 123162

Ion Ratio Lower Upper

168 100

99 56.3 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

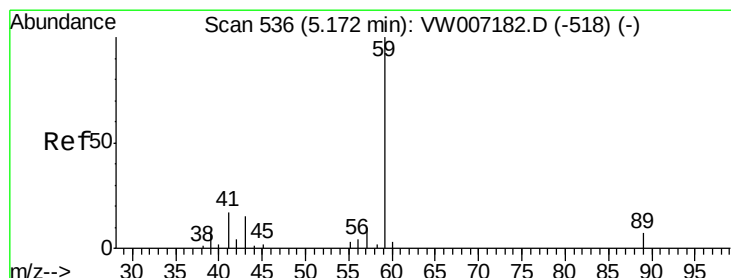
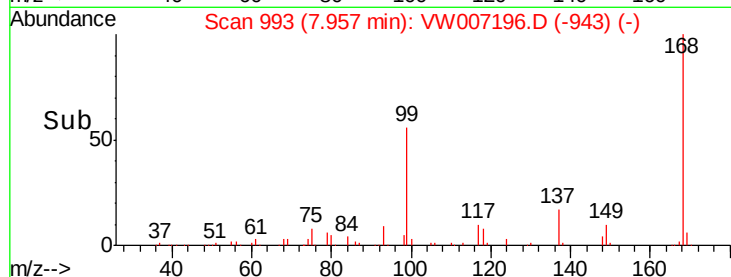
30000

20000

10000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.13 min Scan# 530

Delta R.T. -0.04 min

Lab File: VW007196.D

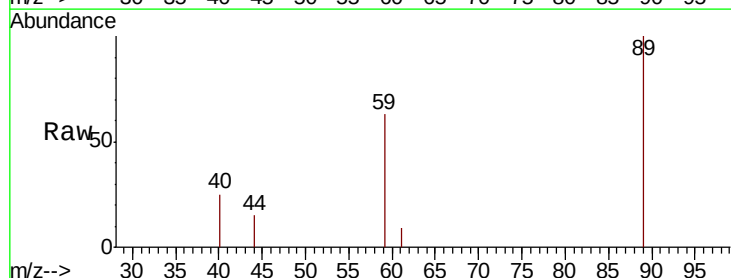
Acq: 04 Dec 2018 19:03

Tgt Ion: 59 Resp: 1451

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

400

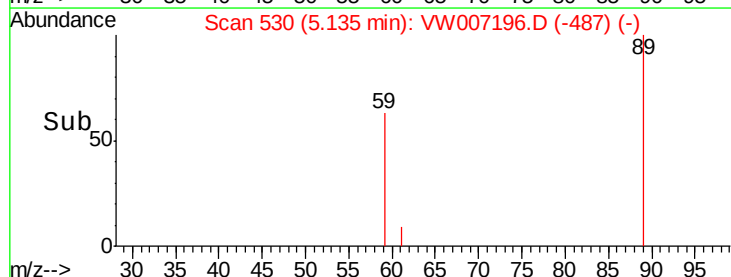
300

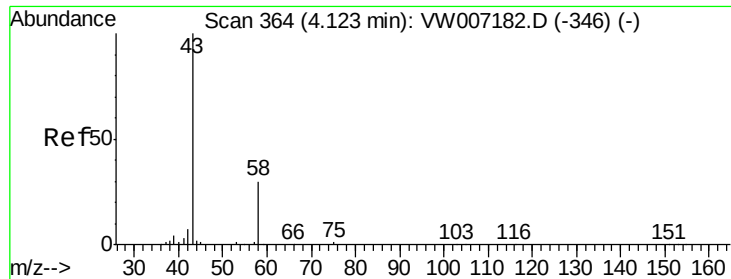
200

100

0

Time--> 5.05 5.10 5.15 5.20

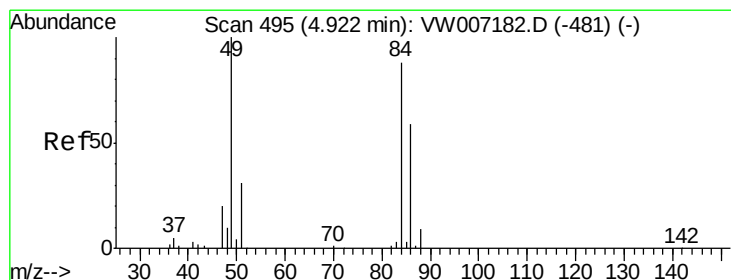
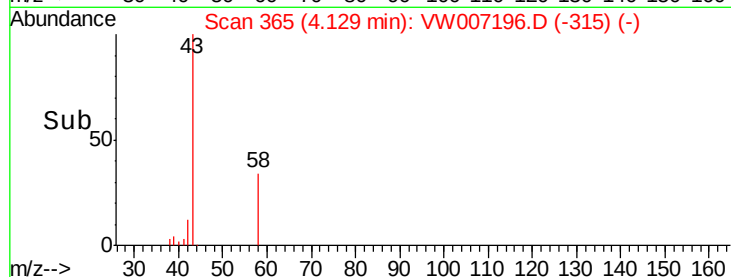
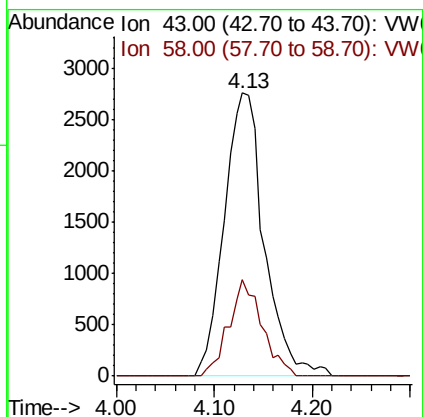
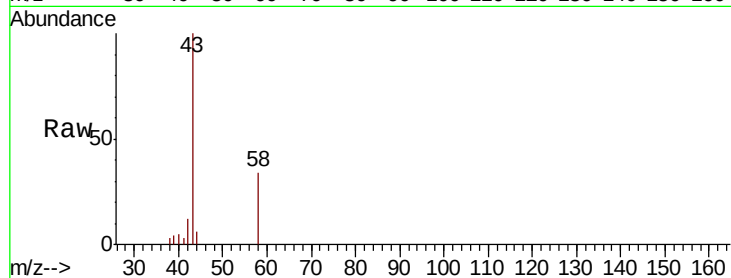




#16
Acetone
Concen: 28.881 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW007196.D
Acq: 04 Dec 2018 19:03

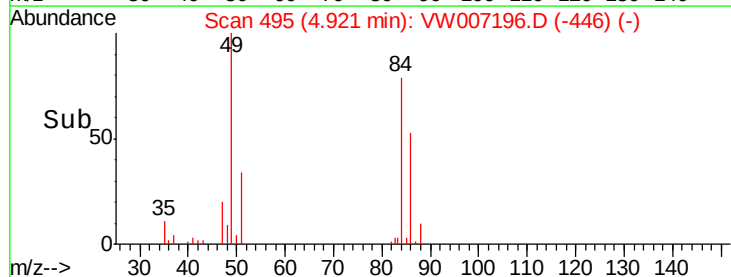
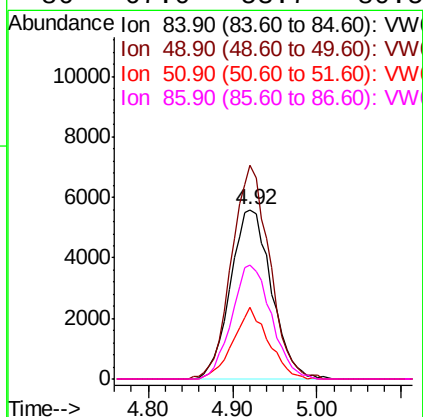
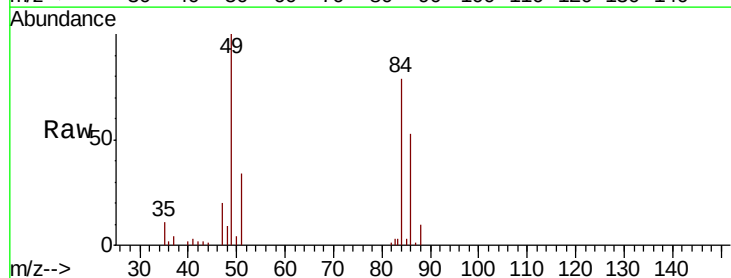
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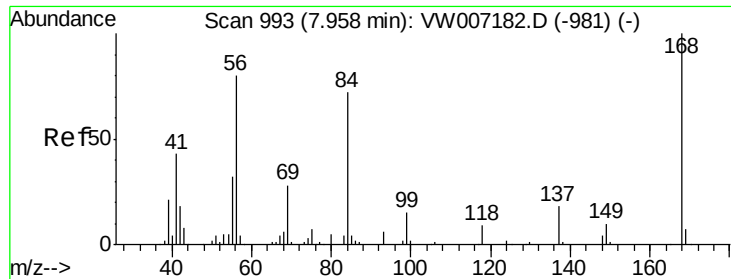
Tot Ion: 43 Resp: 7840
Ion Ratio Lower Upper
43 100
58 34.2 23.8 35.8



#20
Methylene Chloride
Concen: 9.225 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007196.D
Acq: 04 Dec 2018 19:03

Tgt Ion: 84 Resp: 18425
Ion Ratio Lower Upper
84 100
49 126.1 90.6 135.8
51 42.2 27.6 41.4#
86 67.0 53.7 80.5

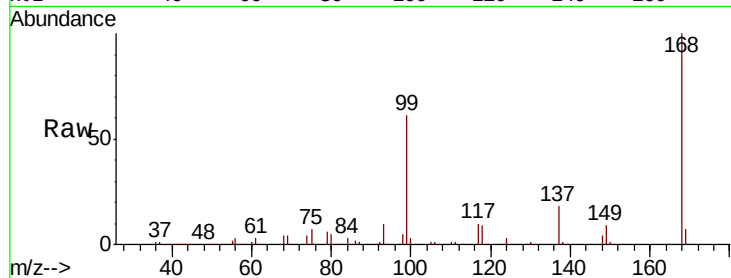




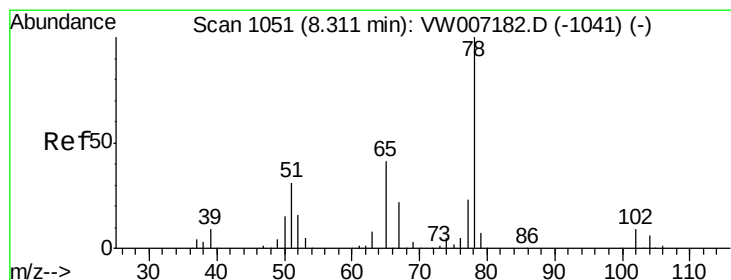
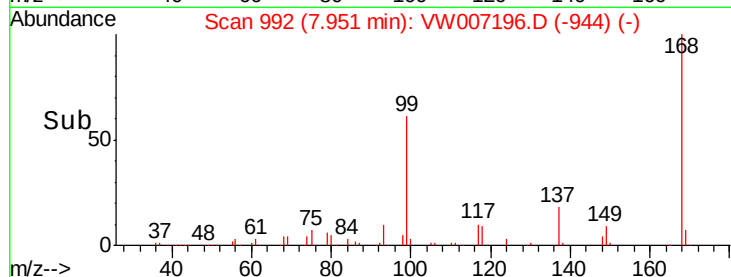
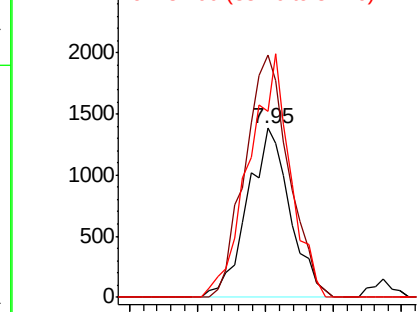
#31
Cyclohexane
Concen: 1.329 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW007196.D
Acq: 04 Dec 2018 19:03

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

Tot Ion: 56 Resp: 3025
Ion Ratio Lower Upper
56 100
69 143.4 28.2 42.2#
84 110.0 72.1 108.1#

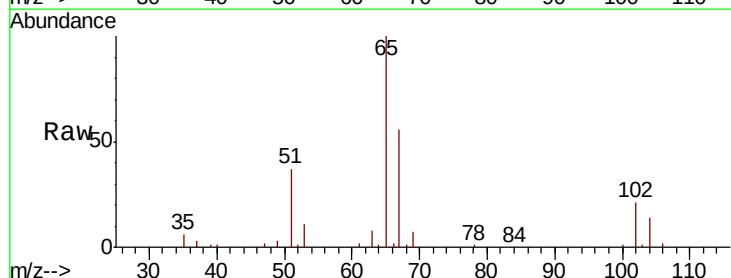


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

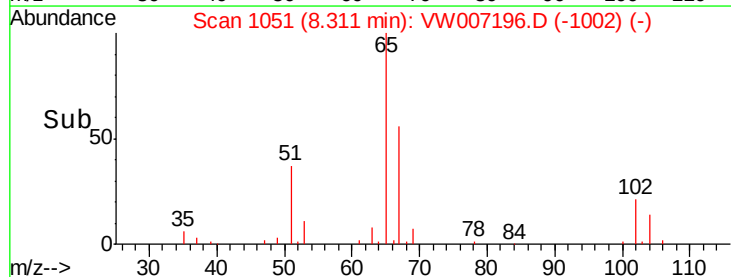
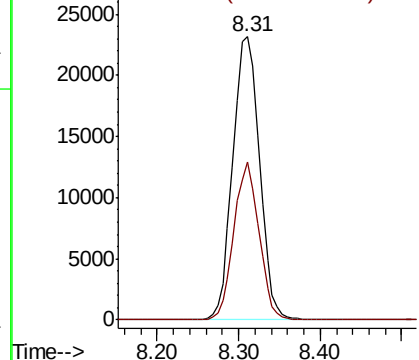


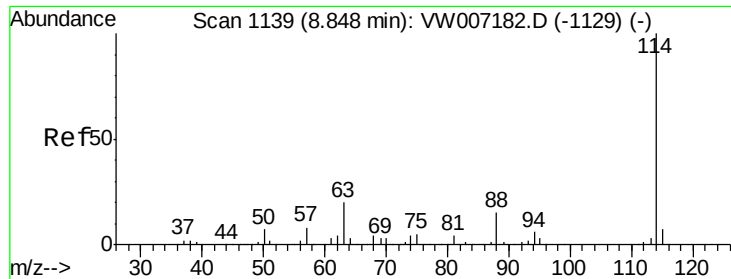
#33
1,2-Dichloroethane-d4
Concen: 45.769 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW007196.D
Acq: 04 Dec 2018 19:03

Tgt Ion: 65 Resp: 52483
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

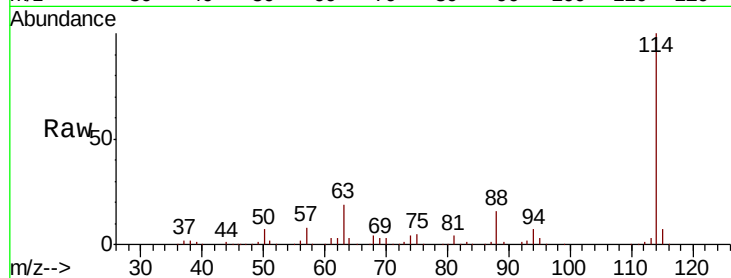




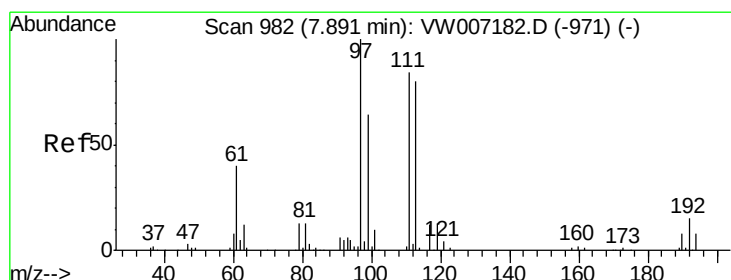
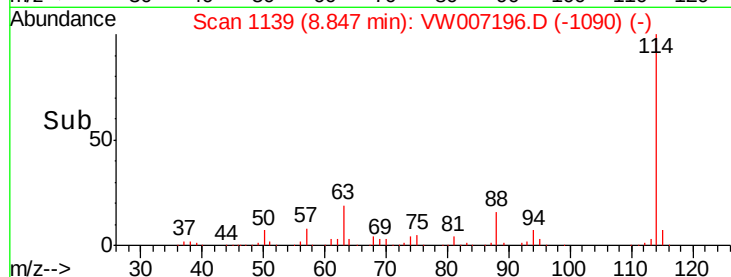
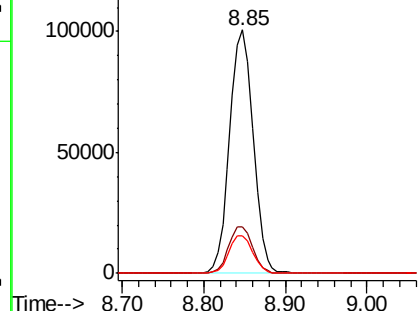
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. -0.00 min
Lab File: VW007196.D
Acq: 04 Dec 2018 19:03

Instrument :
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Tot Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	40.2
88	15.6	0.0	30.0

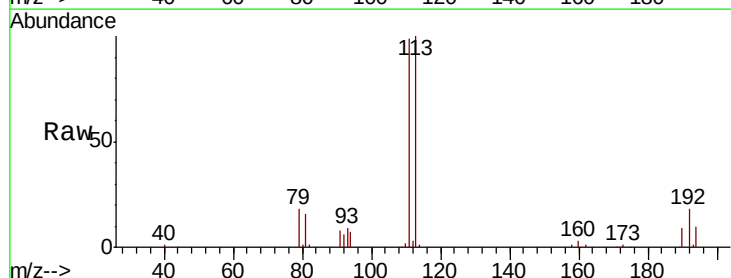


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

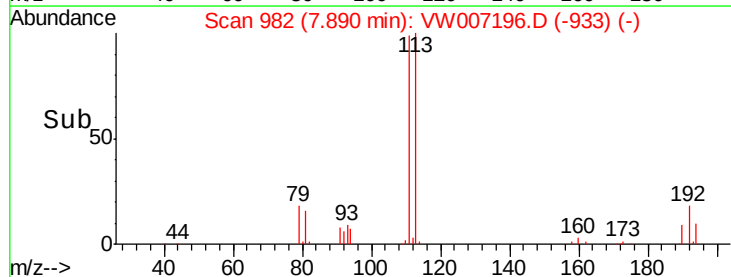
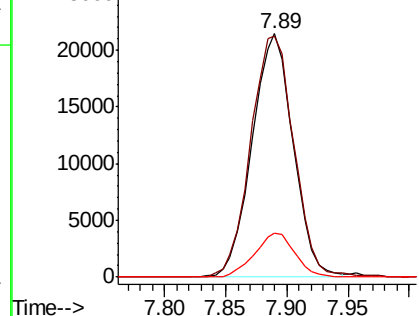


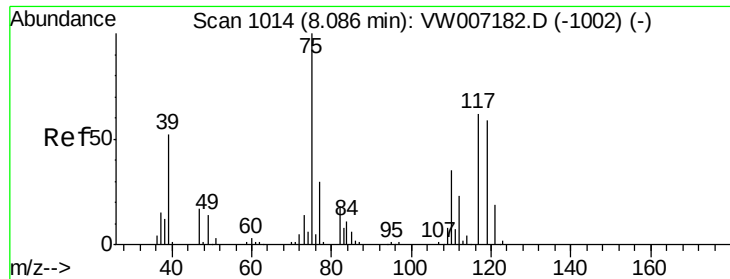
#35
Dibromofluoromethane
Concen: 43.494 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW007196.D
Acq: 04 Dec 2018 19:03

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.2	123.4
192	17.8	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

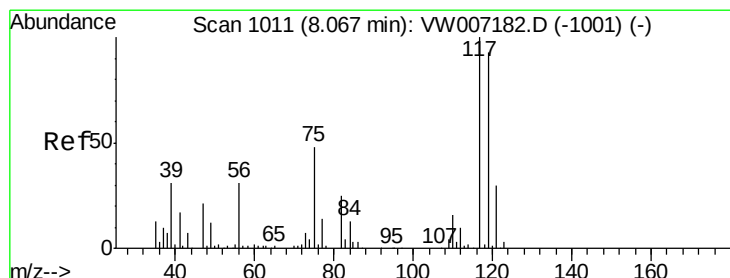
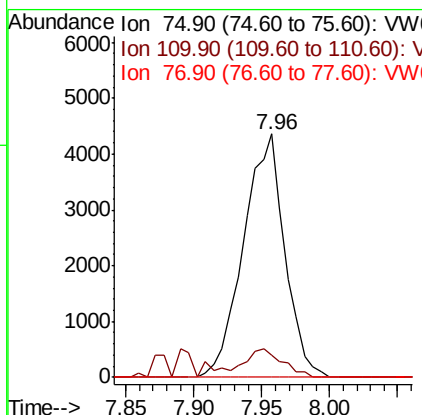
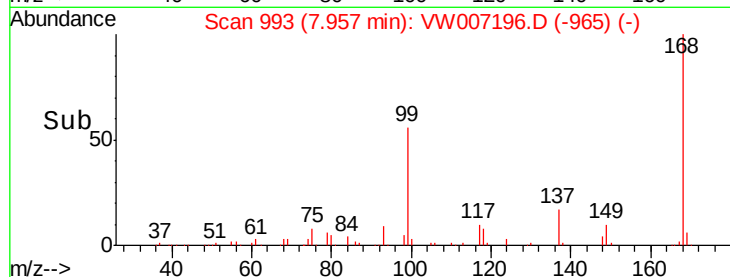
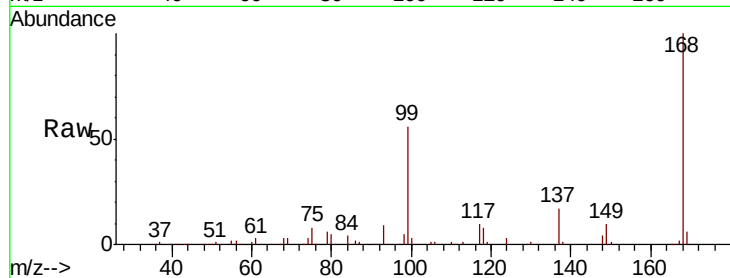




#36
 1,1-Dichloropropene
 Concen: 4.714 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VW007196.D
 Acq: 04 Dec 2018 19:03

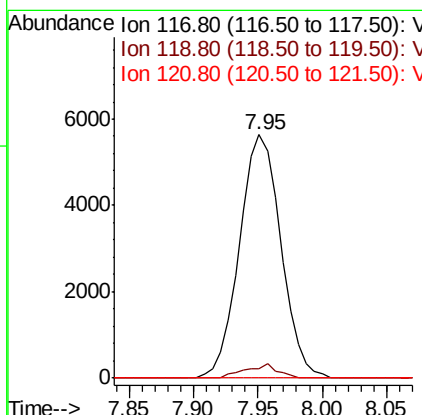
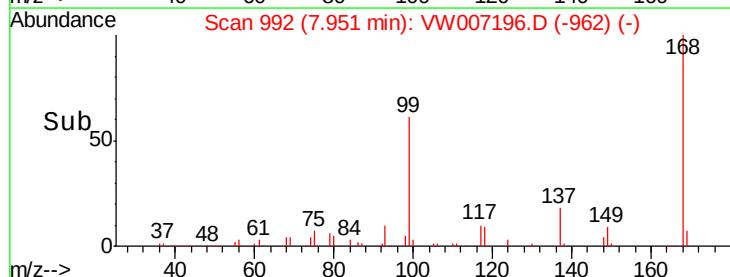
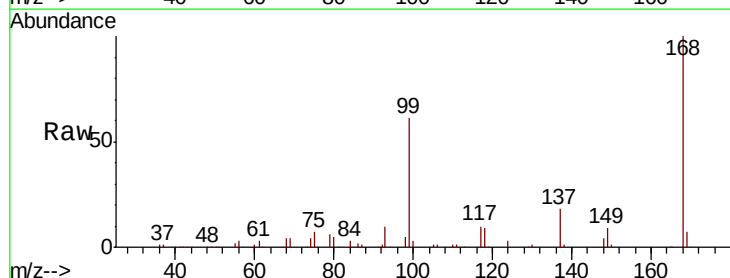
Instrument :
 MSVOA_W
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 HLSP-SB-5B-(8.5)

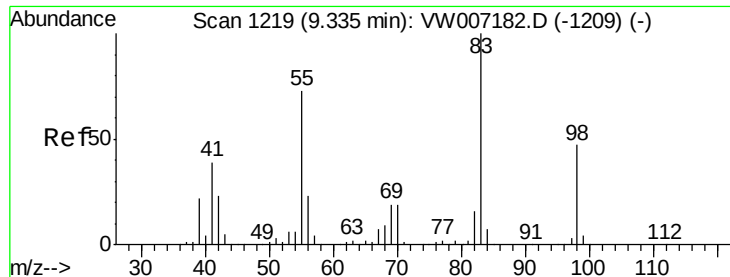
Tot Ion: 75 Resp: 9250
 Ion Ratio Lower Upper
 75 100
 110 10.2 18.3 54.9#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.277 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007196.D
 Acq: 04 Dec 2018 19:03

Tgt Ion: 117 Resp: 12573
 Ion Ratio Lower Upper
 117 100
 119 4.0 74.1 111.1#
 121 0.0 23.9 35.9#

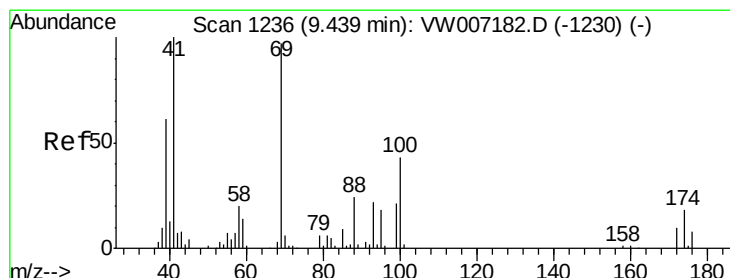
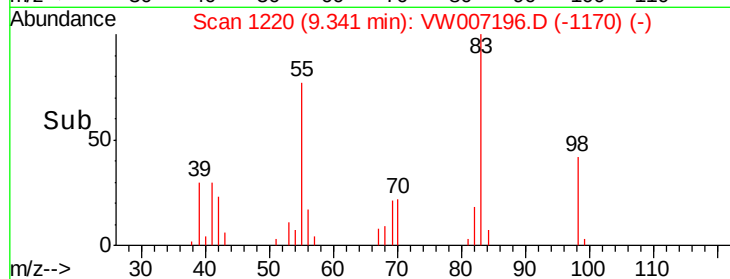
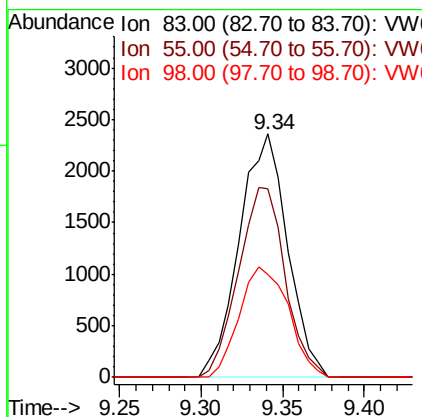
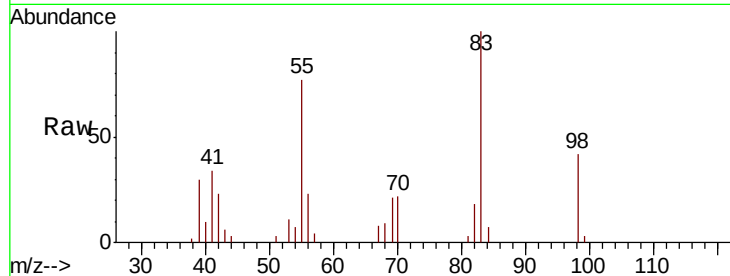




#39
Methylcyclohexane
Concen: 1.844 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VW007196.D
Acq: 04 Dec 2018 19:03

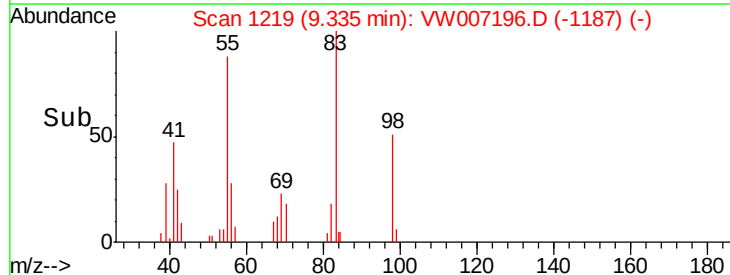
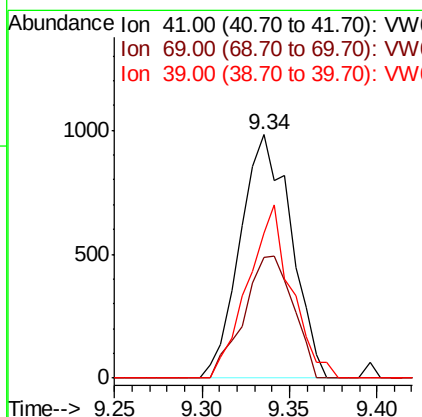
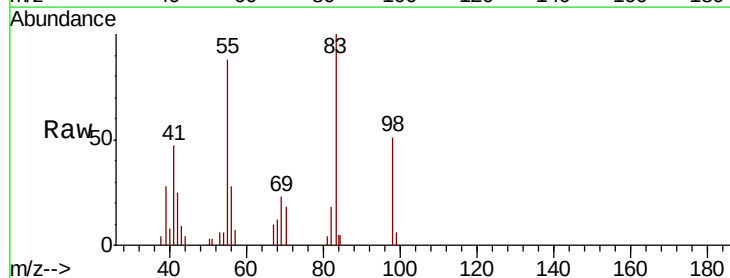
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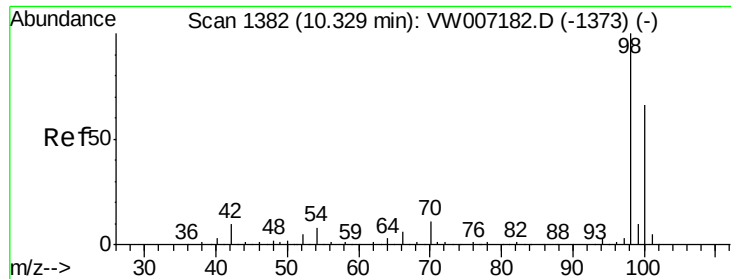
Tot Ion: 83 Resp: 4844
Ion Ratio Lower Upper
83 100
55 77.4 58.1 87.1
98 42.4 37.3 55.9



#48
Methyl methacrylate
Concen: 2.781 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.10 min
Lab File: VW007196.D
Acq: 04 Dec 2018 19:03

Tgt Ion: 41 Resp: 1990
Ion Ratio Lower Upper
41 100
69 48.2 69.6 104.4#
39 60.9 42.4 63.6

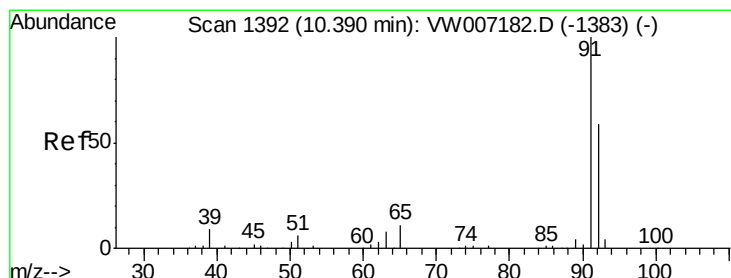
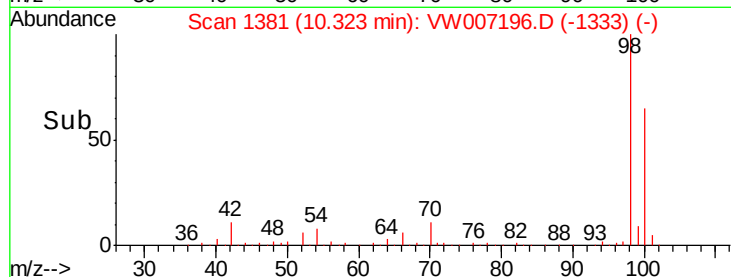
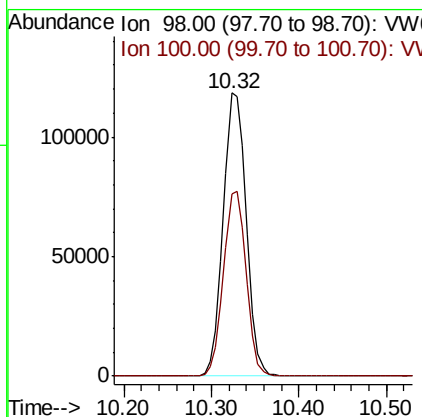
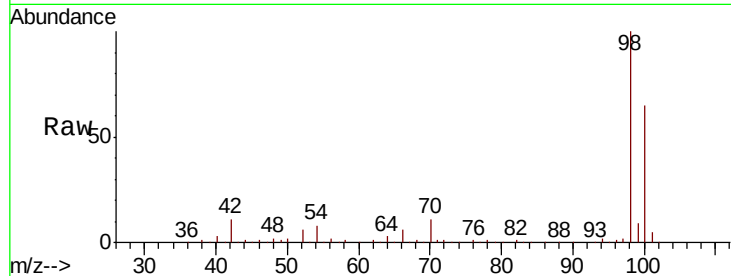




#50
Toluene-d8
Concen: 42.547 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007196.D
Acq: 04 Dec 2018 19:03

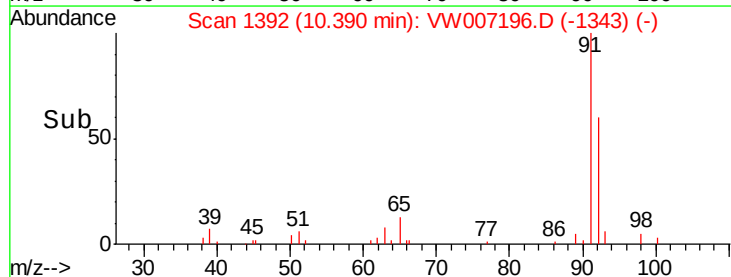
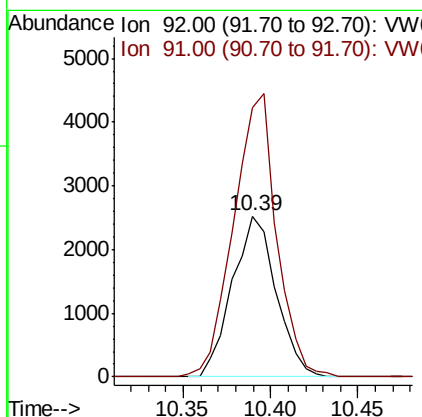
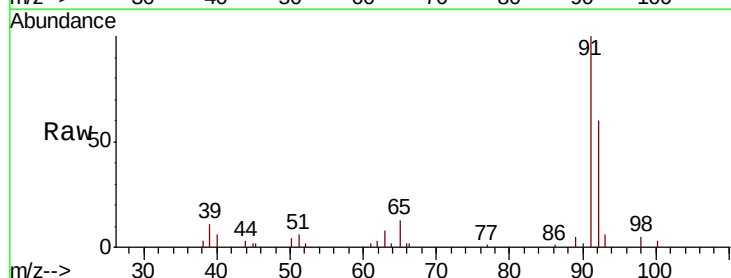
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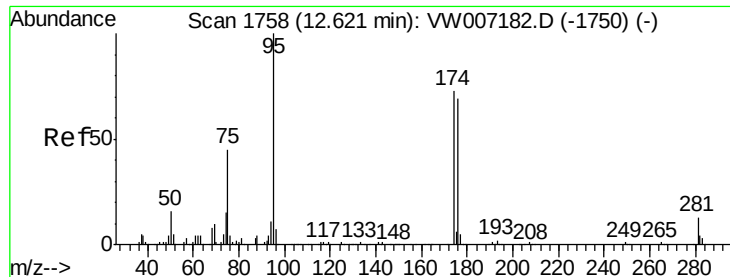
Tot Ion: 98 Resp: 216441
Ion Ratio Lower Upper
98 100
100 64.3 52.7 79.1



#52
Toluene
Concen: 1.174 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007196.D
Acq: 04 Dec 2018 19:03

Tgt Ion: 92 Resp: 4394
Ion Ratio Lower Upper
92 100
91 172.7 136.0 204.0

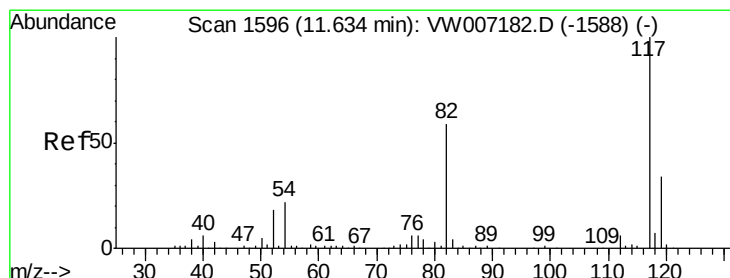
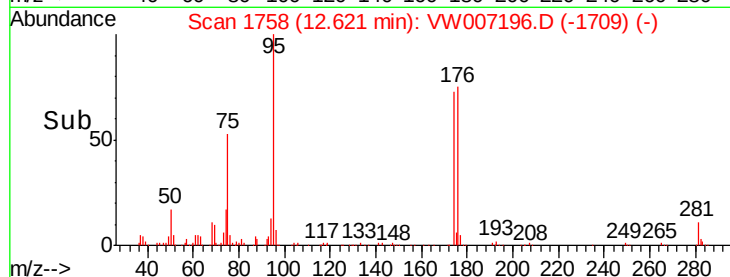
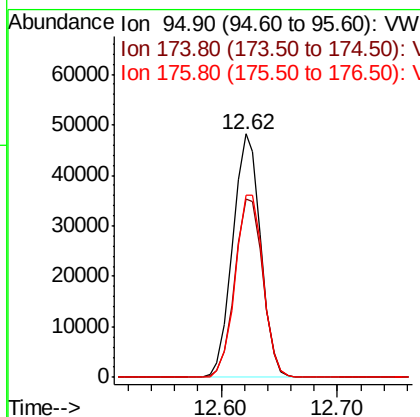
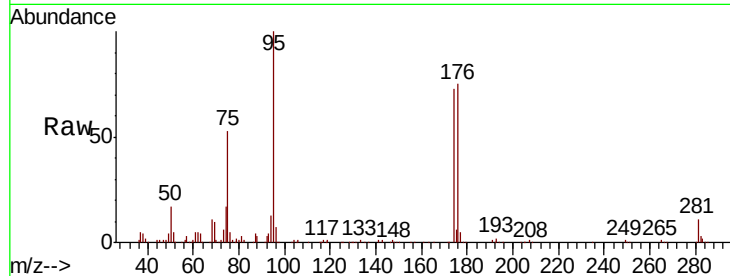




#62
4-Bromofluorobenzene
Concen: 41.835 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007196.D
Acq: 04 Dec 2018 19:03

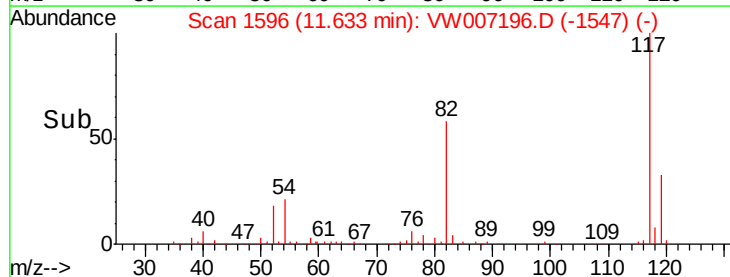
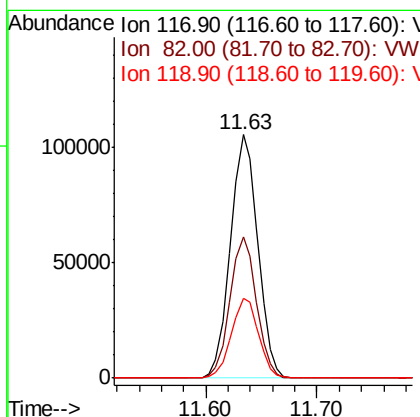
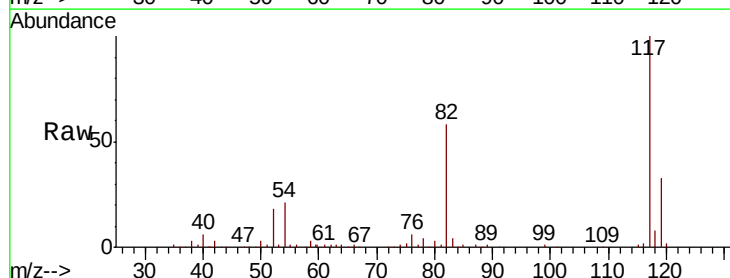
Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-5B-(8.5)

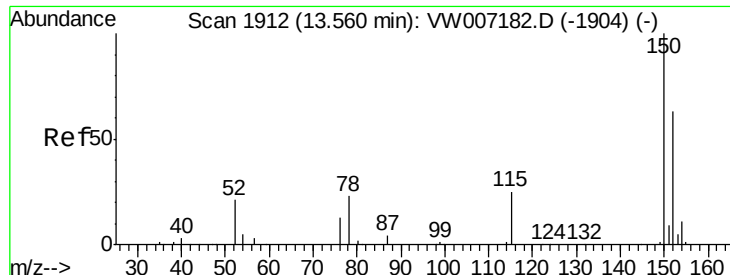
Tot Ion: 95 Resp: 80327
Ion Ratio Lower Upper
95 100
174 74.4 0.0 148.0
176 74.9 0.0 139.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007196.D
Acq: 04 Dec 2018 19:03

Tgt Ion: 117 Resp: 178981
Ion Ratio Lower Upper
117 100
82 58.2 47.4 71.2
119 32.7 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: VW007196.D

Acq: 04 Dec 2018 19:03

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-5B-(8.5)

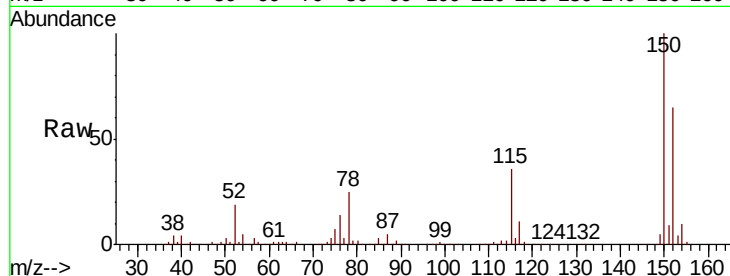
Tot Ion:152 Resp: 86837

Ion Ratio Lower Upper

152 100

115 59.2 31.3 93.8

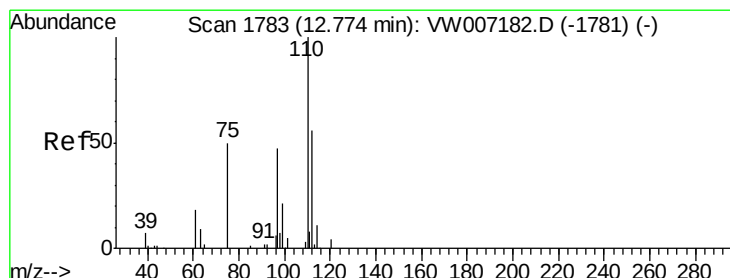
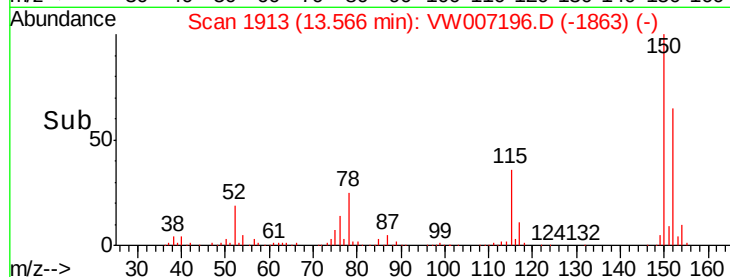
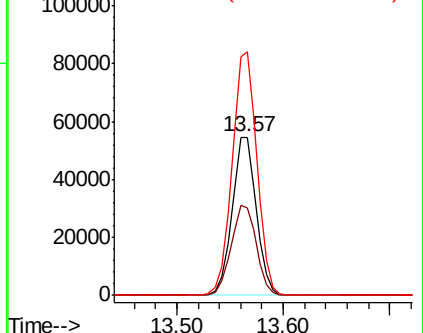
150 157.7 0.0 358.0



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: 30.701 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007196.D

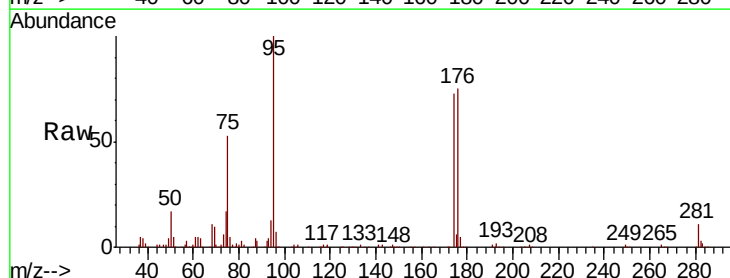
Acq: 04 Dec 2018 19:03

Tgt Ion: 75 Resp: 40064

Ion Ratio Lower Upper

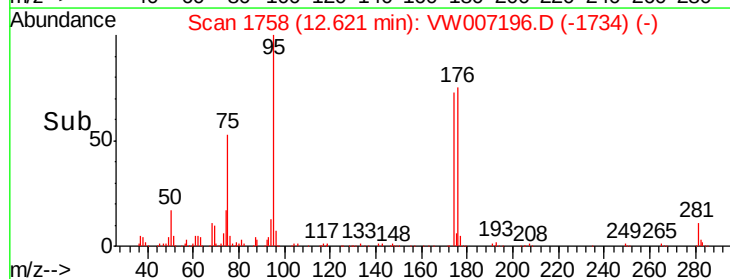
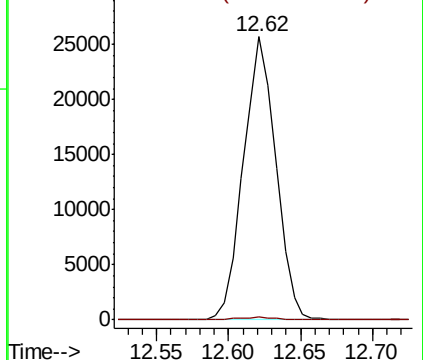
75 100

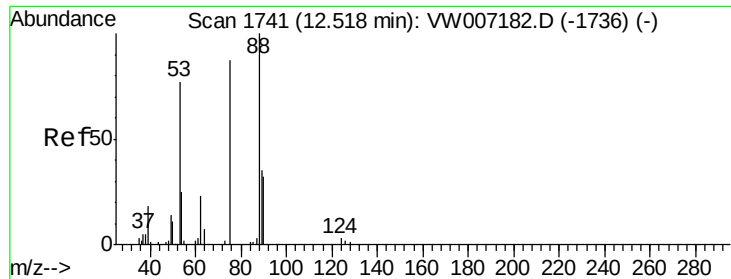
77 1.0 0.0 0.0#



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: 128.426 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007196.D

Acq: 04 Dec 2018 19:03

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-5B-(8.5)

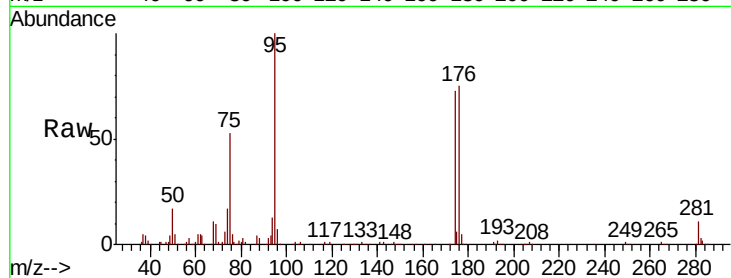
Tot Ion: 75 Resp: 40064

Ion Ratio Lower Upper

75 100

53 0.0 72.8 109.2#

89 0.2 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

