

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120518\
 Data File : VW007241.D
 Acq On : 05 Dec 2018 19:36
 Operator : SY/AP
 Sample : J6204-18
 Misc : 3.89G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-DUP01-112918

Quant Time: Dec 06 06:22:41 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	118384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	196786	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	171390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	77455	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	48780	44.26	ug/l	0.00
Spiked Amount						
				Recovery	=	88.52%
35) Dibromofluoromethane	7.89	113	45049	39.98	ug/l	0.00
Spiked Amount						
				Recovery	=	79.96%
50) Toluene-d8	10.32	98	182842	36.84	ug/l	0.00
Spiked Amount						
				Recovery	=	73.68%
62) 4-Bromofluorobenzene	12.62	95	64774	34.57	ug/l	0.00
Spiked Amount						
				Recovery	=	69.14%

Target Compounds

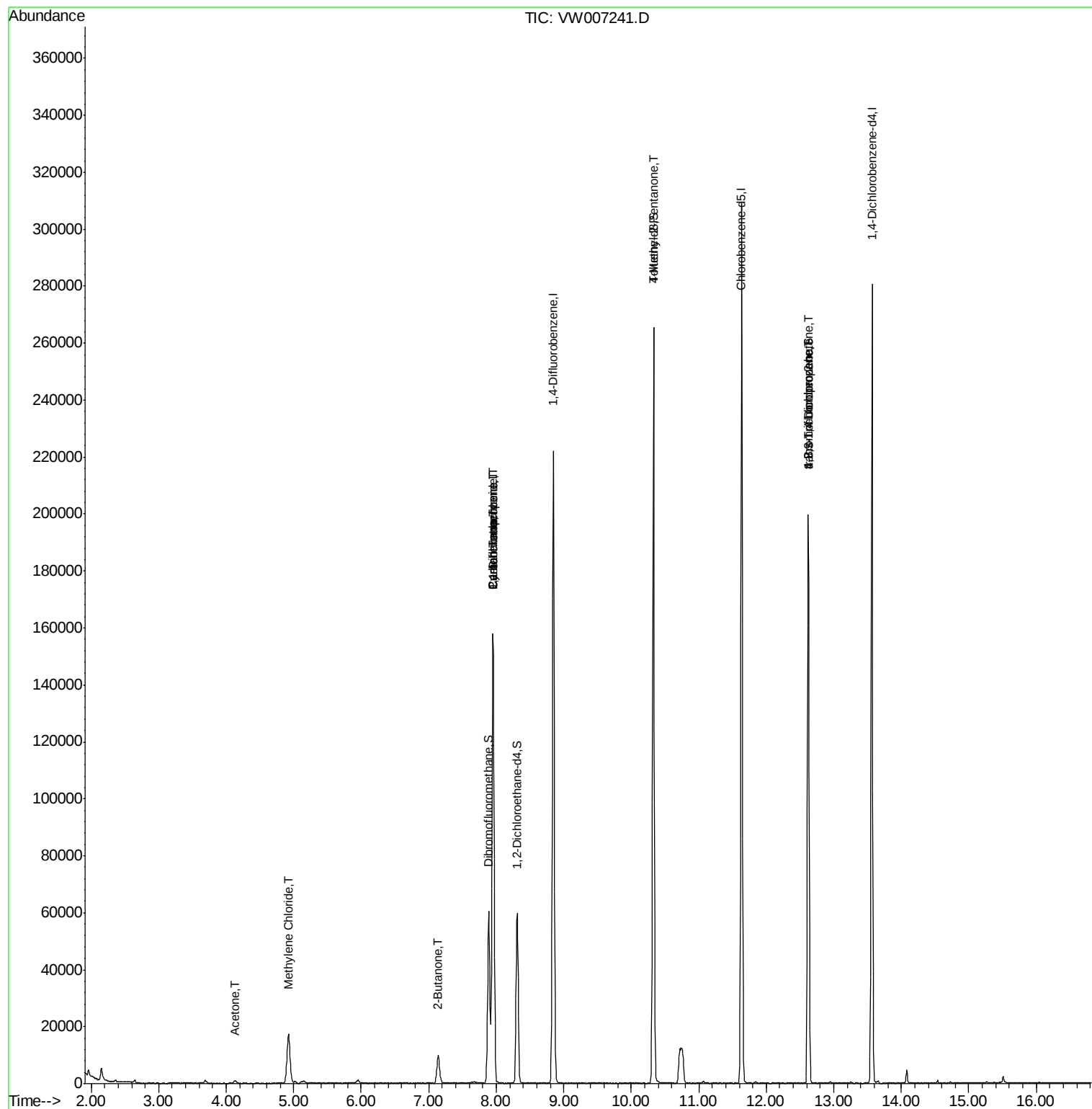
					Qvalue	
11) Tert butyl alcohol	5.15	59	638	Below Cal	#	75
16) Acetone	4.12	43	1935	7.416	ug/l	91
20) Methylene Chloride	4.92	84	14068	6.130	ug/l	96
25) 2-Butanone	7.13	43	495	1.637	ug/l #	46
31) Cyclohexane	7.95	56	2417	1.105	ug/l #	34
36) 1,1-Dichloropropene	7.95	75	8783	4.587	ug/l #	49
38) Carbon Tetrachloride	7.95	117	12137	6.210	ug/l #	18
51) 4-Methyl-2-Pentanone	10.32	43	765	1.154	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	32760	54.624	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	32760	117.733	ug/l #	13

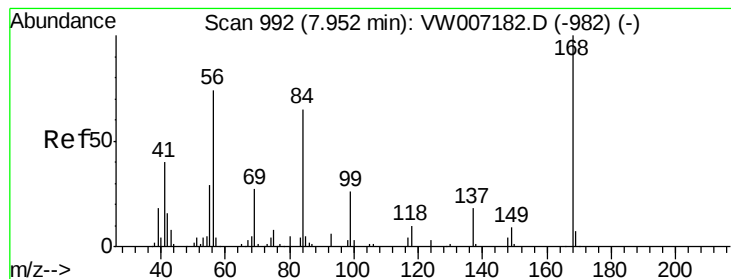
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120518\
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Quant Time: Dec 06 06:22:41 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: VW007241.D

Acq: 05 Dec 2018 19:36

Instrument :

MSVOA_W

ClientSampleId :

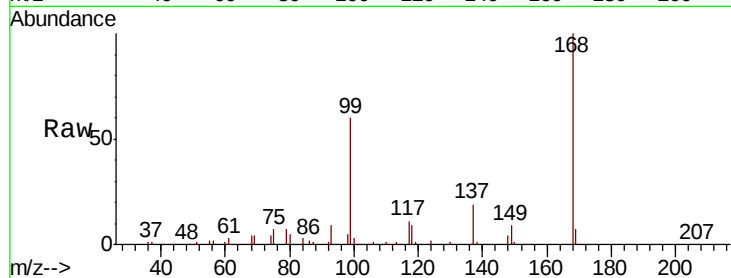
HLSP-DUP01-112918

Tot Ion:168 Resp: 118384

Ion Ratio Lower Upper

168 100

99 60.1 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

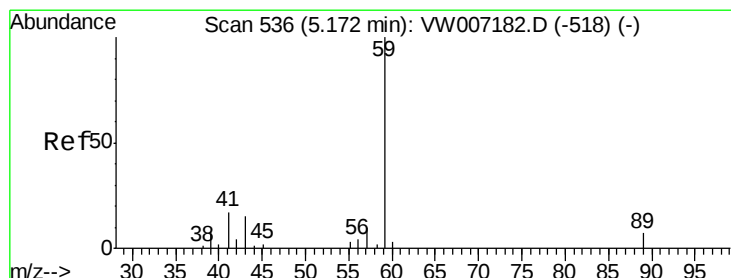
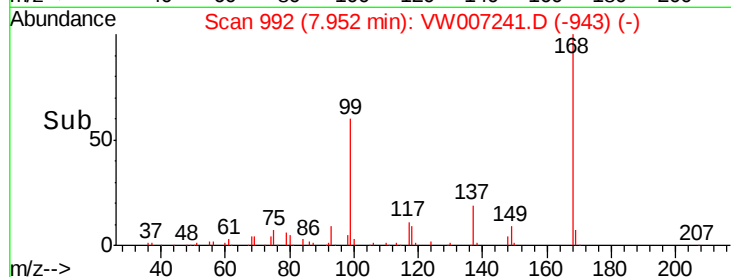
20000

10000

0

Time-->

7.90 8.00



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.15 min Scan# 532

Delta R.T. -0.02 min

Lab File: VW007241.D

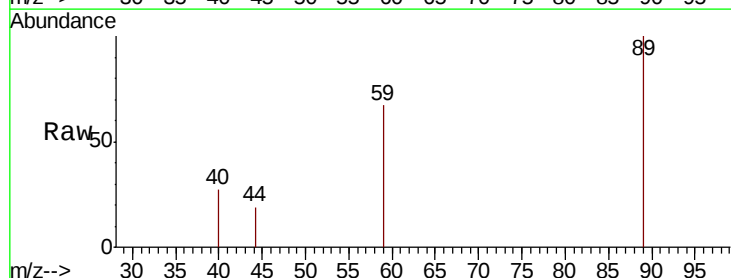
Acq: 05 Dec 2018 19:36

Tgt Ion: 59 Resp: 638

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

5.15

300

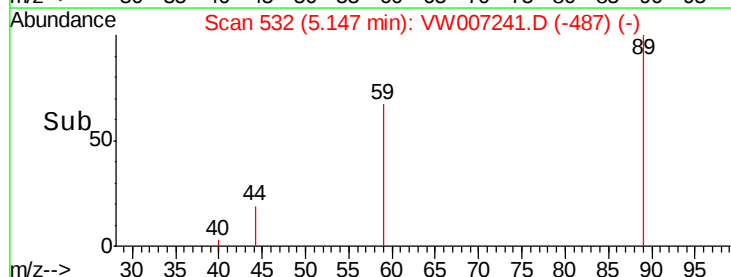
200

100

0

Time-->

5.10 5.15 5.20

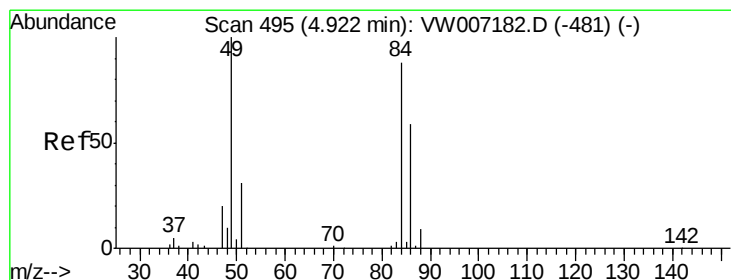
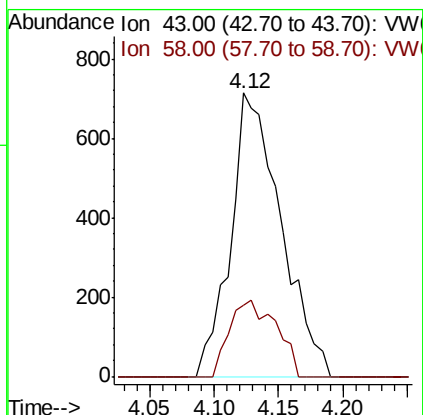
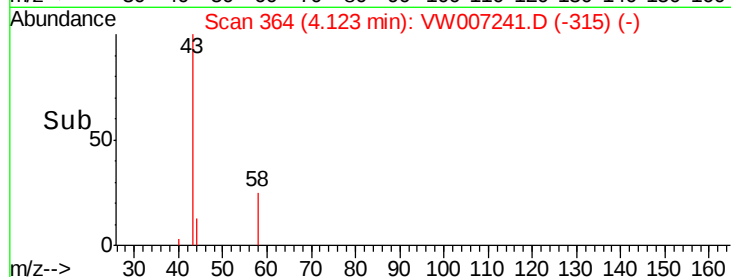
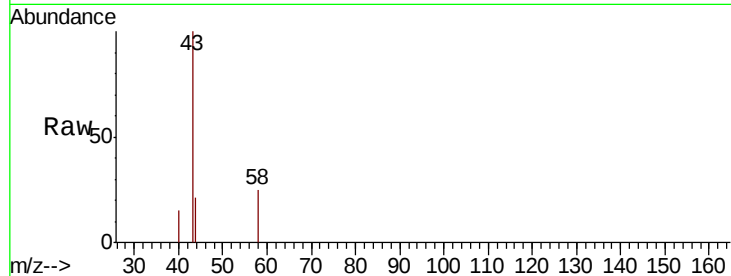




#16
Acetone
Concen: 7.416 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.00 min
Lab File: VW007241.D
Acq: 05 Dec 2018 19:36

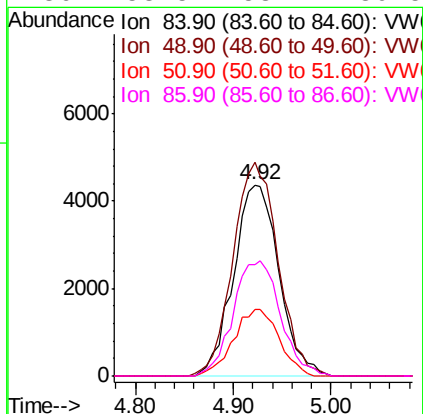
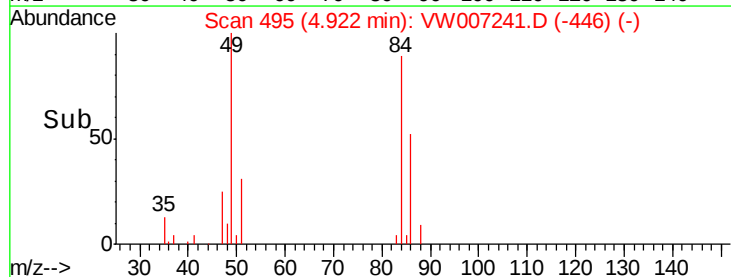
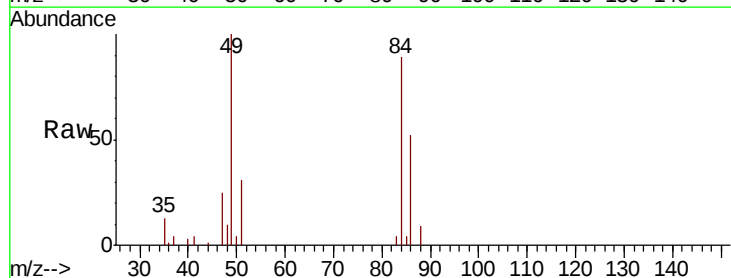
Instrument :
MSVOA_W
ClientSampleId :
HLSP-DUP01-112918

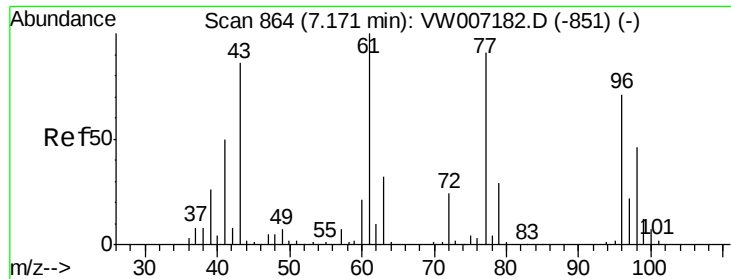
Tot Ion: 43 Resp: 1935
Ion Ratio Lower Upper
43 100
58 25.1 23.8 35.8



#20
Methylene Chloride
Concen: 6.130 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007241.D
Acq: 05 Dec 2018 19:36

Tgt Ion: 84 Resp: 14068
Ion Ratio Lower Upper
84 100
49 112.0 90.6 135.8
51 34.8 27.6 41.4
86 58.5 53.7 80.5

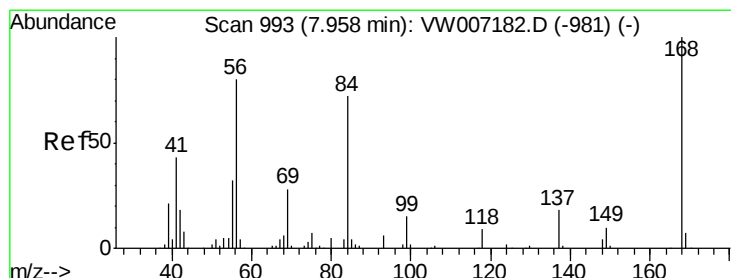
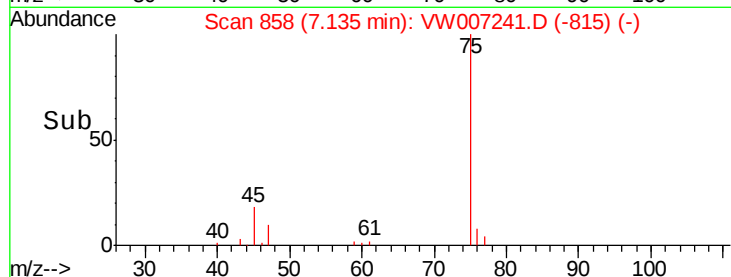
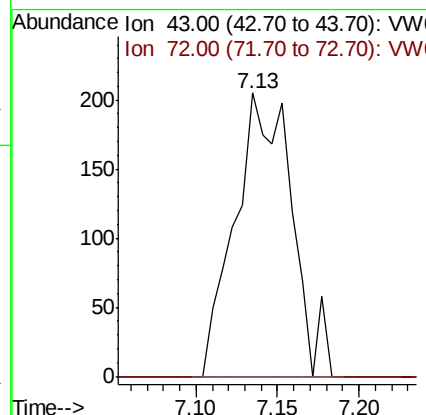
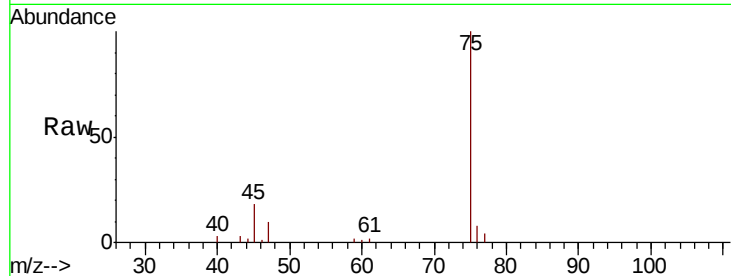




#25
 2-Butanone
 Concen: 1.637 ug/l
 RT: 7.13 min Scan# 858
 Delta R.T. -0.04 min
 Lab File: VW007241.D
 Acq: 05 Dec 2018 19:36

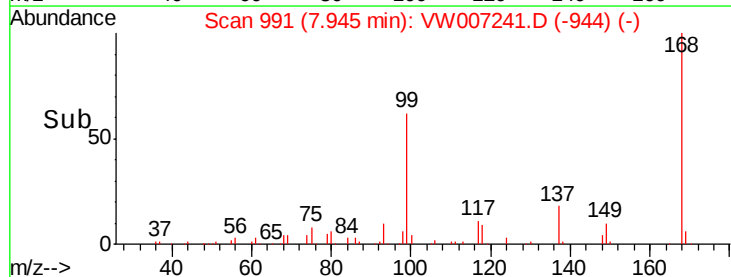
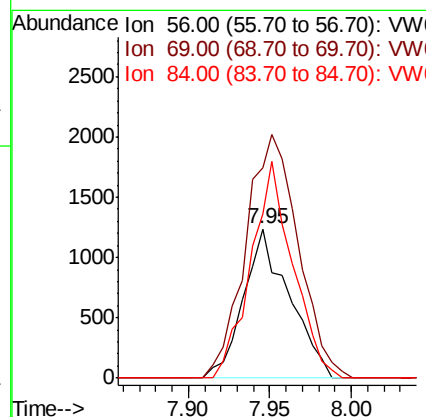
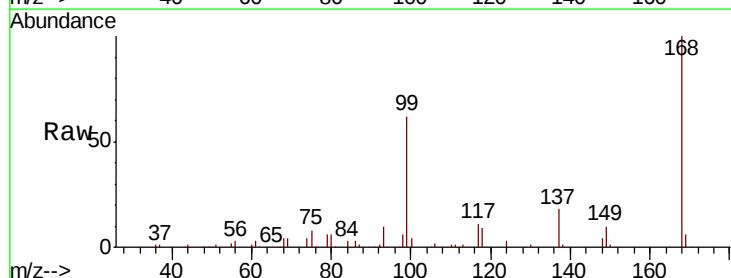
Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-DUP01-112918

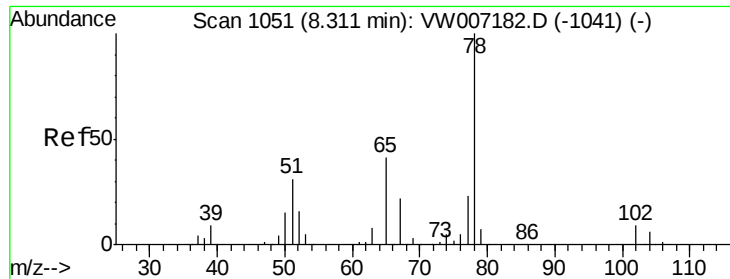
Tot Ion: 43 Resp: 495
 Ion Ratio Lower Upper
 43 100
 72 0.0 22.8 34.2#



#31
 Cyclohexane
 Concen: 1.105 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: VW007241.D
 Acq: 05 Dec 2018 19:36

Tgt Ion: 56 Resp: 2417
 Ion Ratio Lower Upper
 56 100
 69 140.6 28.2 42.2#
 84 110.0 72.1 108.1#

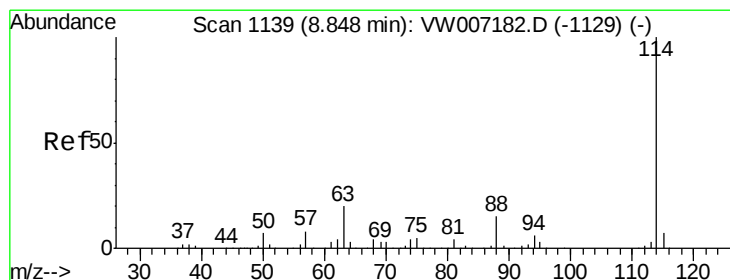
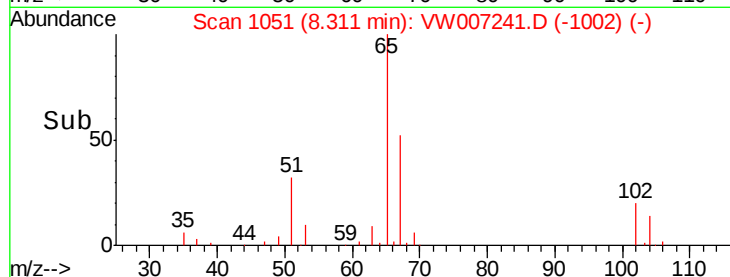
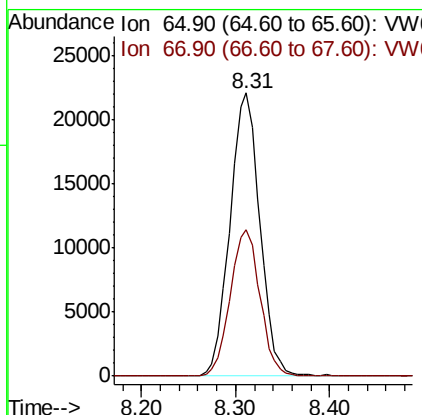
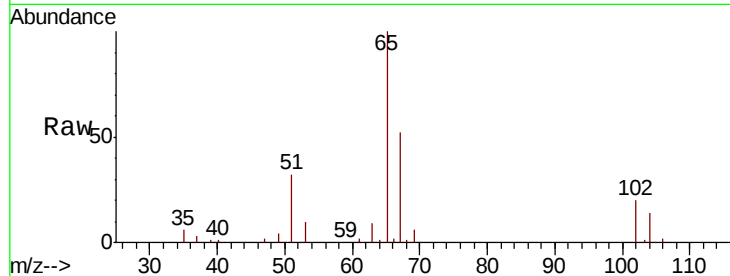




#33
 1,2-Dichloroethane-d4
 Concen: 44.257 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW007241.D
 Acq: 05 Dec 2018 19:36

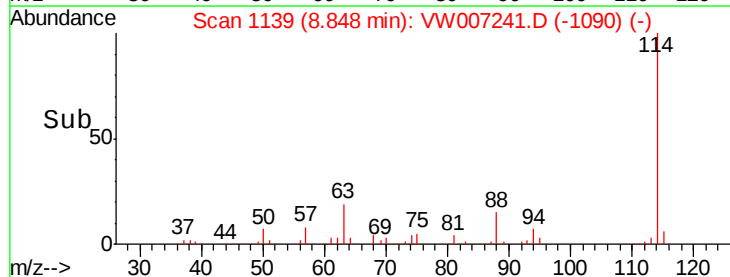
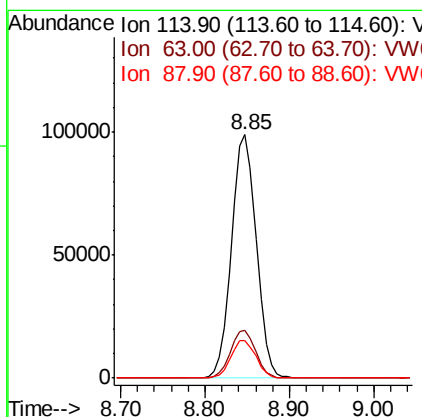
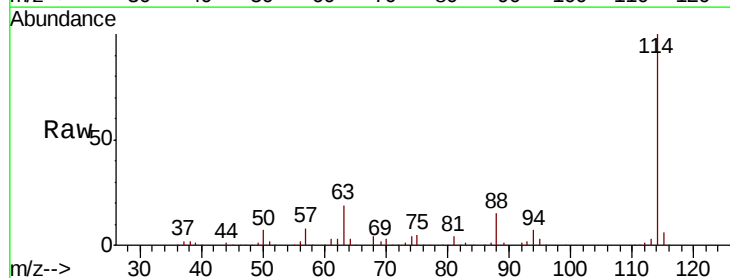
Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-DUP01-112918

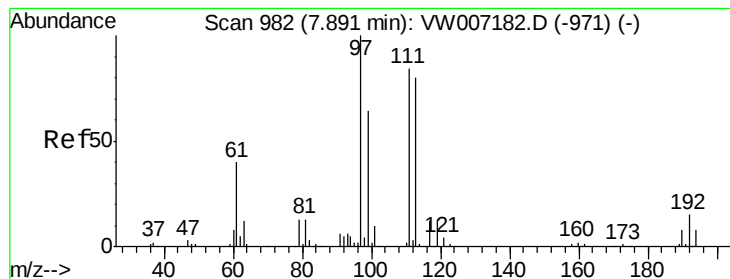
Tot Ion: 65 Resp: 48780
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007241.D
 Acq: 05 Dec 2018 19:36

Tgt Ion: 114 Resp: 196786
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.2
 88 15.5 0.0 30.0





#35

Dibromofluoromethane

Concen: 39.980 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW007241.D

Acq: 05 Dec 2018 19:36

Instrument :

MSVOA_W

ClientSampleId :

HLSP-DUP01-112918

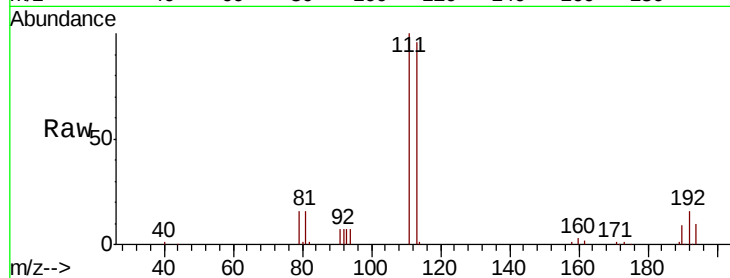
Tot Ion:113 Resp: 45049

Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

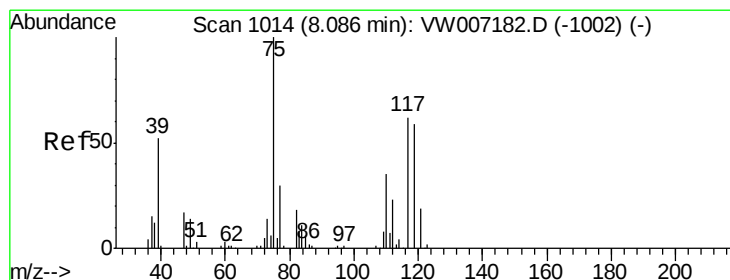
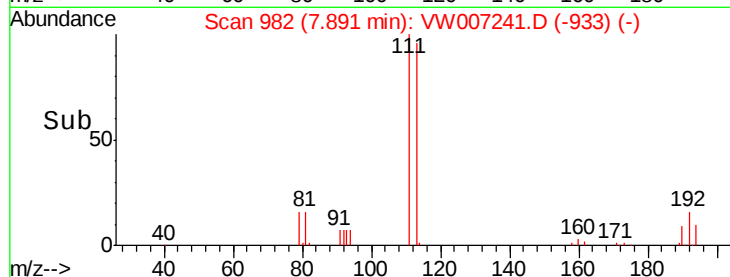
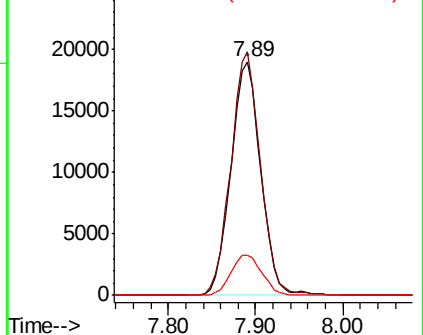
192 18.0 14.4 21.6



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: 4.587 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW007241.D

Acq: 05 Dec 2018 19:36

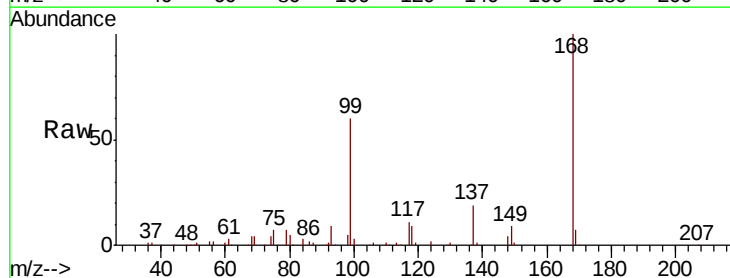
Tgt Ion: 75 Resp: 8783

Ion Ratio Lower Upper

75 100

110 9.3 18.3 54.9#

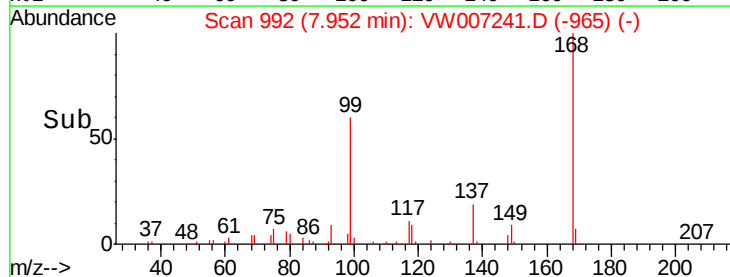
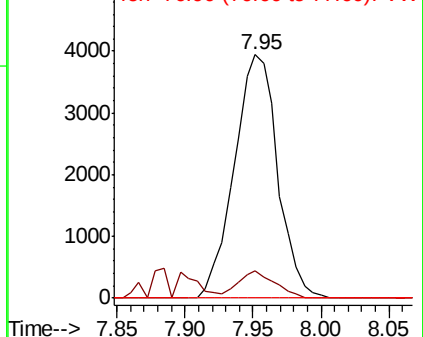
77 0.0 24.9 37.3#

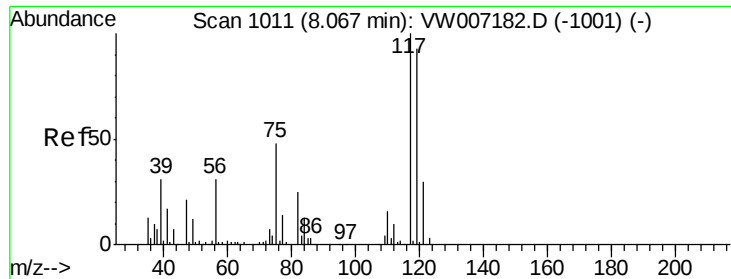


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.210 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW007241.D

Acq: 05 Dec 2018 19:36

Instrument :

MSVOA_W

ClientSampleId :

HLSP-DUP01-112918

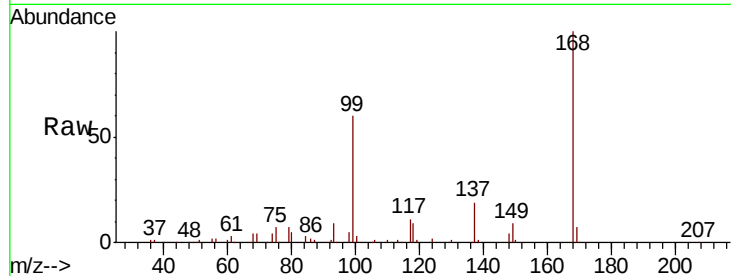
Tot Ion:117 Resp: 12137

Ion Ratio Lower Upper

117 100

119 6.2 74.1 111.1#

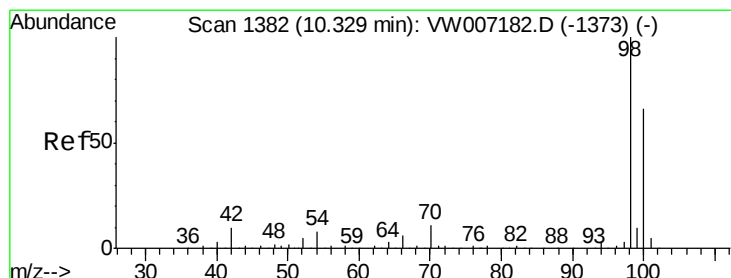
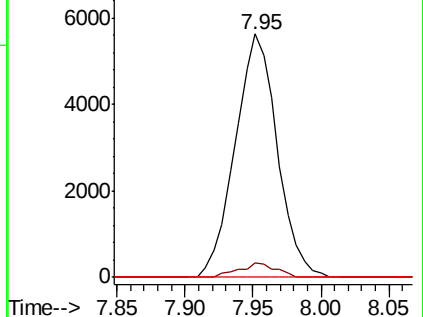
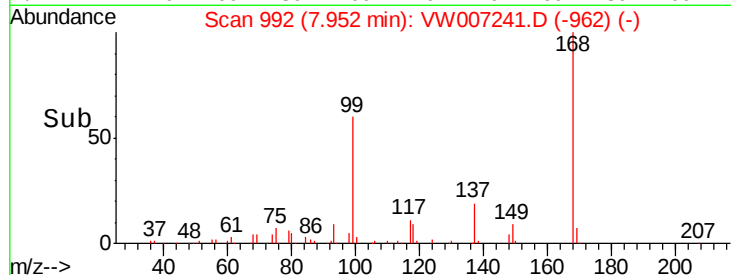
121 0.0 23.9 35.9#



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



#50

Toluene-d8

Concen: 36.837 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW007241.D

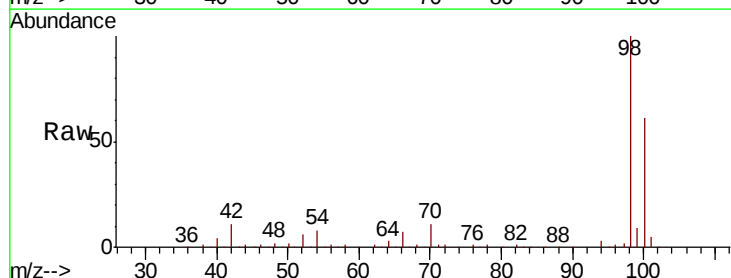
Acq: 05 Dec 2018 19:36

Tgt Ion: 98 Resp: 182842

Ion Ratio Lower Upper

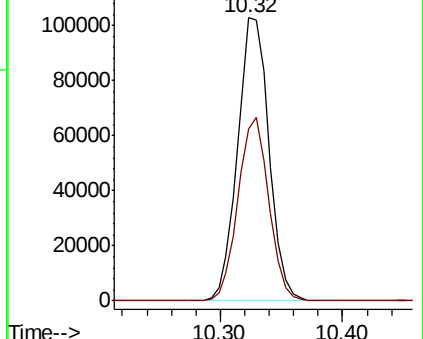
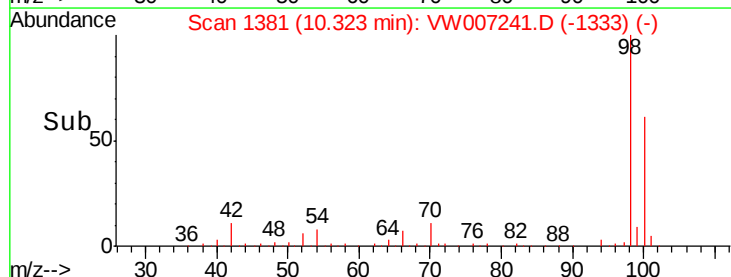
98 100

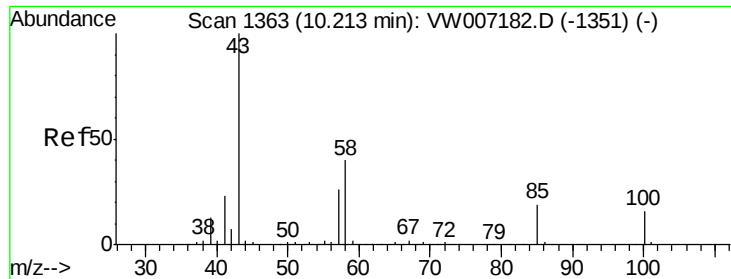
100 63.8 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

120000 Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 1.154 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW007241.D

Acq: 05 Dec 2018 19:36

Instrument :

MSVOA_W

ClientSampleId :

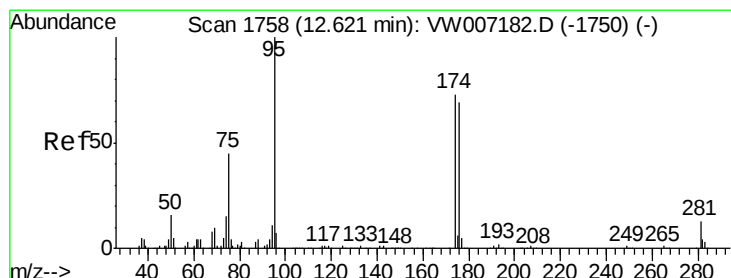
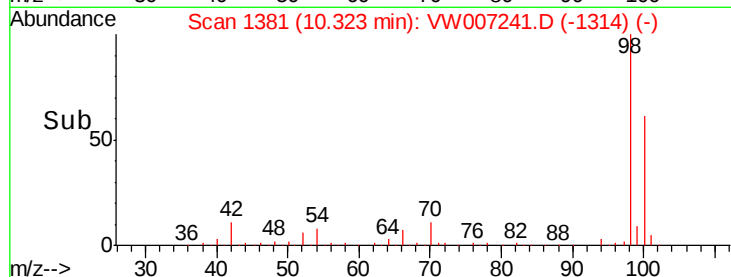
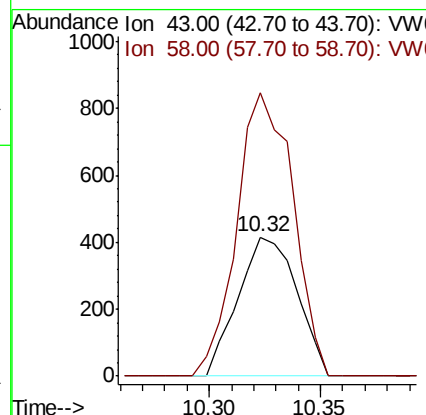
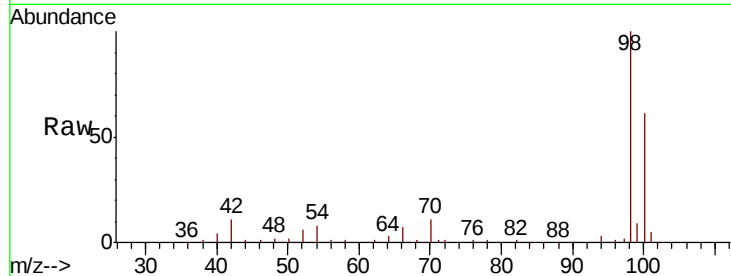
HLSP-DUP01-112918

Tot Ion: 43 Resp: 765

Ion Ratio Lower Upper

43 100

58 194.2 32.3 48.5#



#62

4-Bromofluorobenzene

Concen: 34.575 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007241.D

Acq: 05 Dec 2018 19:36

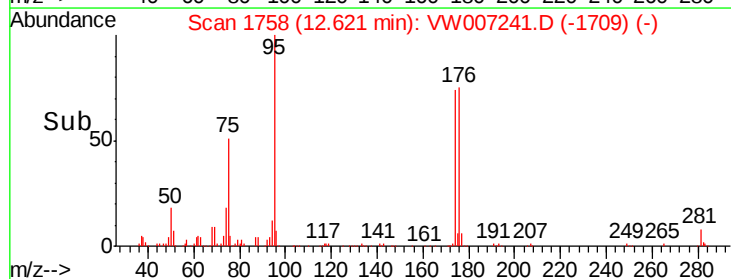
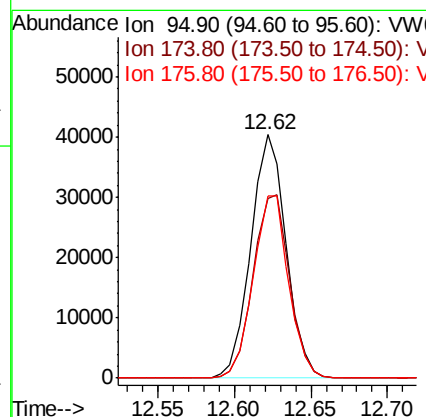
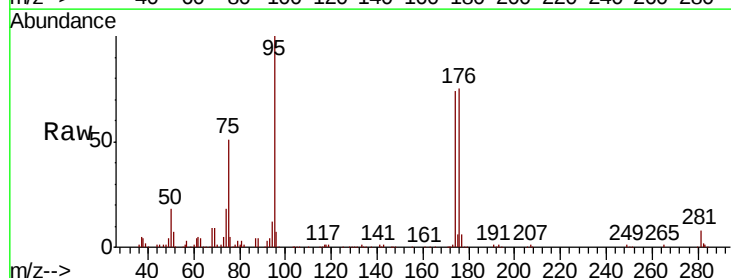
Tgt Ion: 95 Resp: 64774

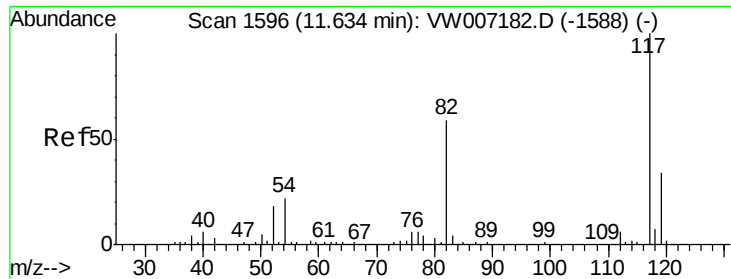
Ion Ratio Lower Upper

95 100

174 77.9 0.0 148.0

176 75.6 0.0 139.4

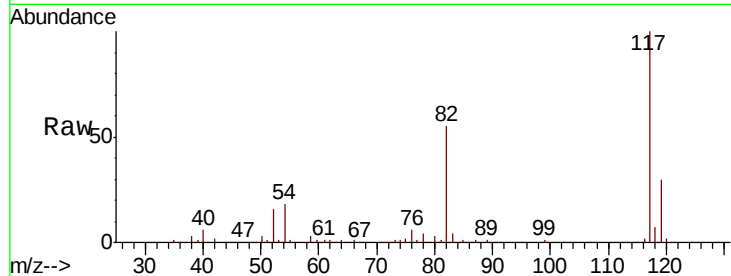




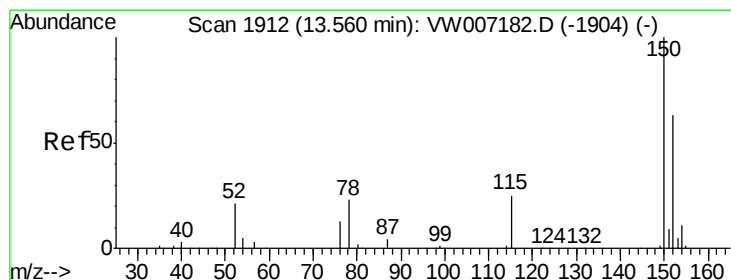
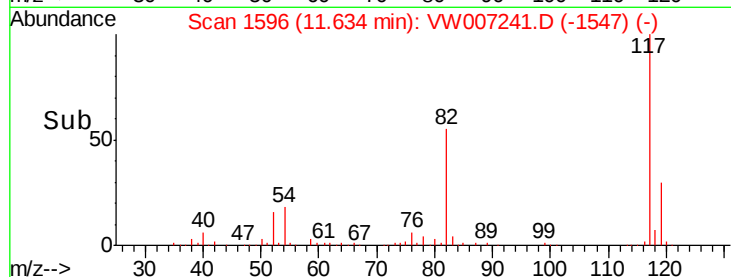
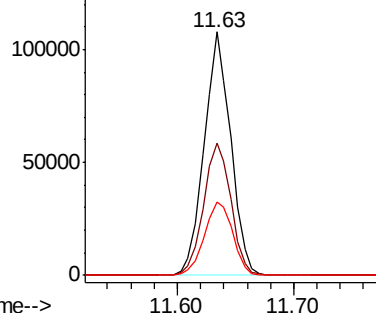
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007241.D
Acq: 05 Dec 2018 19:36

Instrument :
MSVOA_W
ClientSampleId :
HLSP-DUP01-112918

Tot Ion:117 Resp: 171390
Ion Ratio Lower Upper
117 100
82 54.5 47.4 71.2
119 30.1 26.8 40.2

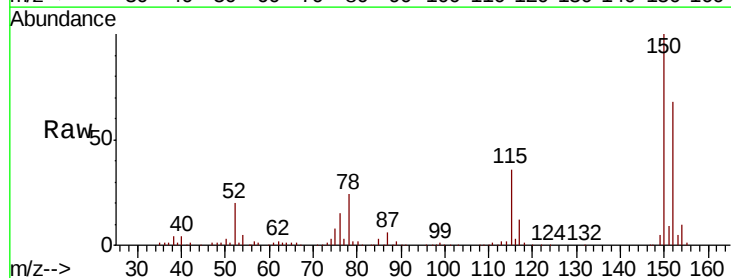


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

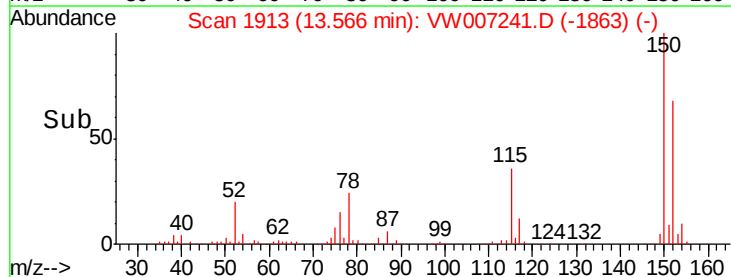
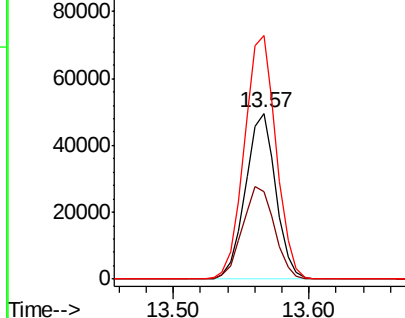


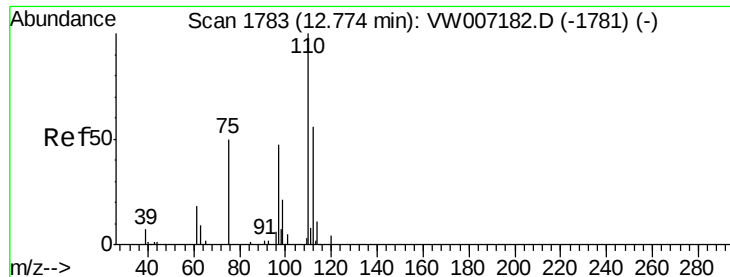
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007241.D
Acq: 05 Dec 2018 19:36

Tgt Ion:152 Resp: 77455
Ion Ratio Lower Upper
152 100
115 58.9 31.3 93.8
150 153.3 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

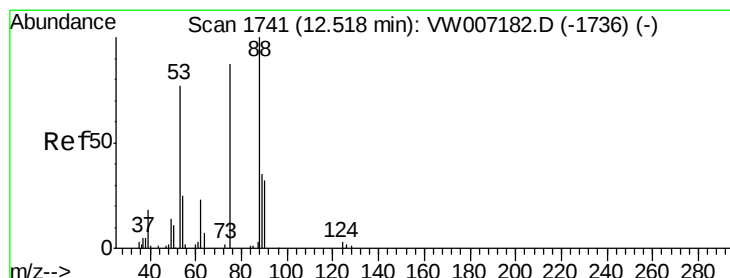
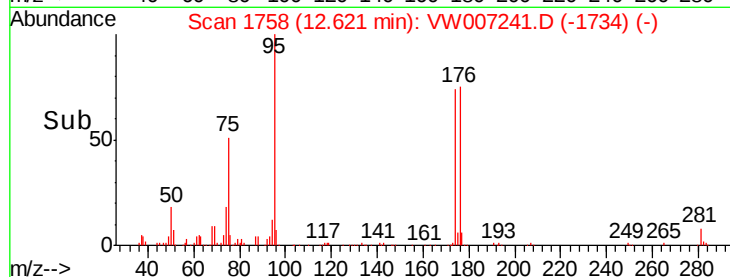
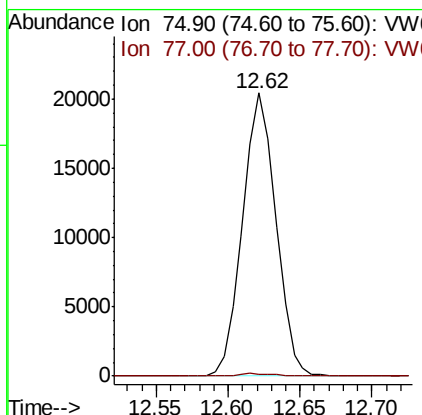
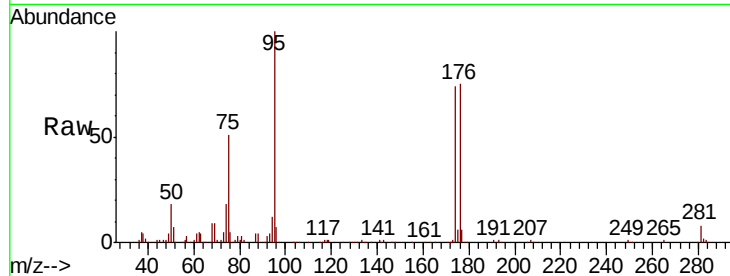




#76
 1,2,3-Trichloropropane
 Concen: 54.624 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW007241.D
 Acq: 05 Dec 2018 19:36

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-DUP01-112918

Tot Ion: 75 Resp: 32760
 Ion Ratio Lower Upper
 75 100
 77 0.8 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 117.733 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW007241.D
 Acq: 05 Dec 2018 19:36

Tgt Ion: 75 Resp: 32760
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.8 109.2#
 89 0.0 36.4 54.6#

