

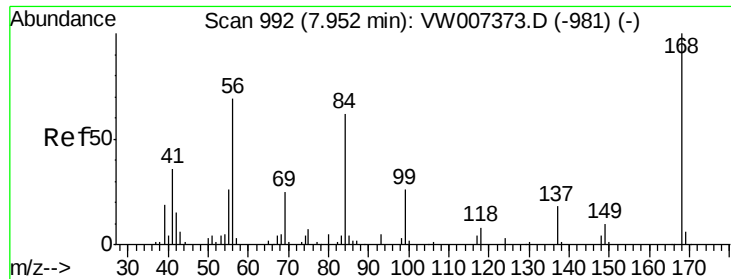
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121618\
 Data File : VW007516.D
 Acq On : 14 Dec 2018 05:26
 Operator : SY/AP
 Sample : J6357-07
 Misc : 2.42G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-08B

Quant Time: Dec 14 06:42:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	10677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	14143	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	7661	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	1061	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	7548	63.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.44%	
35) Dibromofluoromethane	7.88	113	6670	77.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	155.82%	
50) Toluene-d8	10.33	98	10194	31.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.52%	
62) 4-Bromofluorobenzene	12.62	95	1293	10.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.92%	
Target Compounds						
					Qvalue	
16) Acetone	4.13	43	142	6.863	ug/l #	44
20) Methylene Chloride	4.90	84	167	Below Cal	#	68
36) 1,1-Dichloropropene	7.95	75	782	6.061	ug/l #	40
38) Carbon Tetrachloride	7.95	117	1137	8.099	ug/l #	13
76) 1,2,3-Trichloropropane	12.62	75	656	74.986	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	656	165.646	ug/l #	7

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007516.D

Acq: 14 Dec 2018 05:26

Instrument :

MSVOA_W

ClientSampleId :

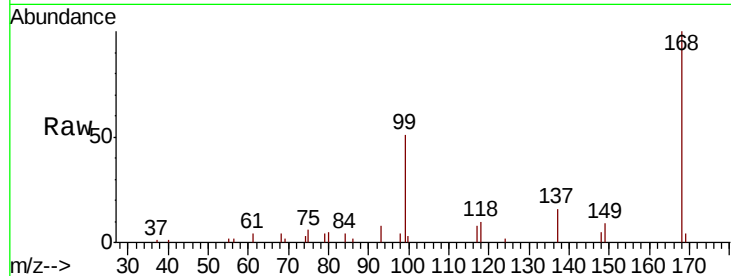
SB-08B

Tot Ion:168 Resp: 10677

Ion Ratio Lower Upper

168 100

99 50.6 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

6000

5000

4000

3000

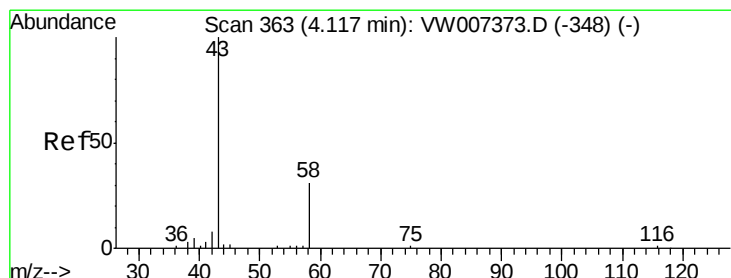
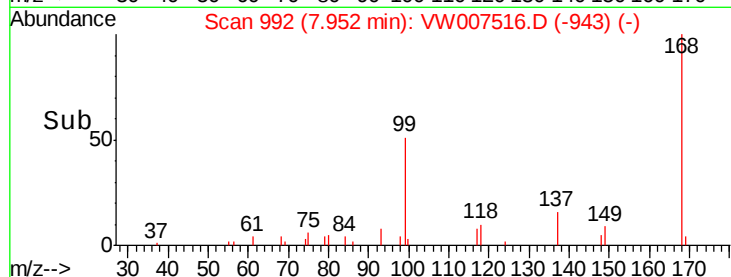
2000

1000

0

7.85 7.90 7.95 8.00

Time-->



#16

Acetone

Concen: 6.863 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007516.D

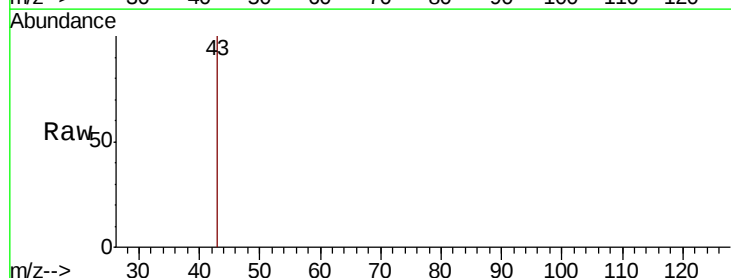
Acq: 14 Dec 2018 05:26

Tgt Ion: 43 Resp: 142

Ion Ratio Lower Upper

43 100

58 0.0 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

150

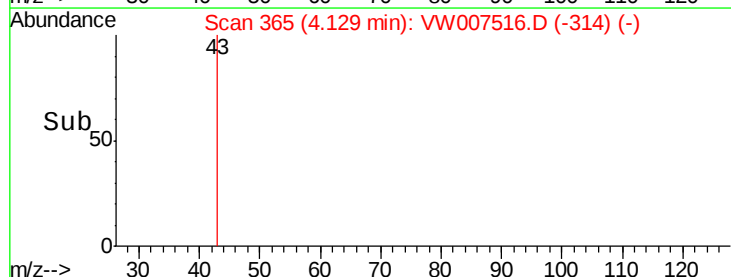
100

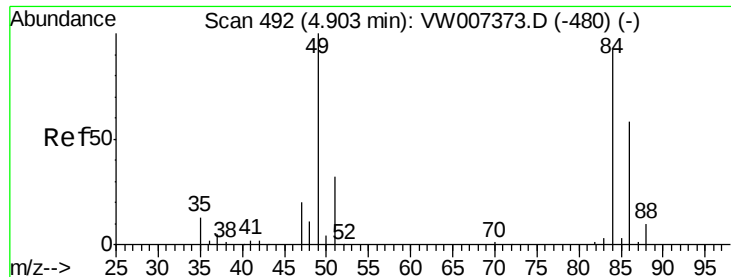
50

0

4.10 4.12 4.14 4.16

Time-->

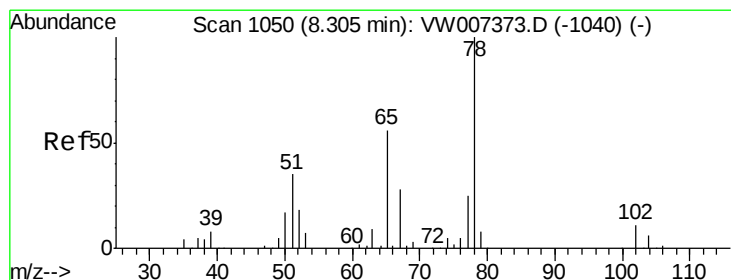
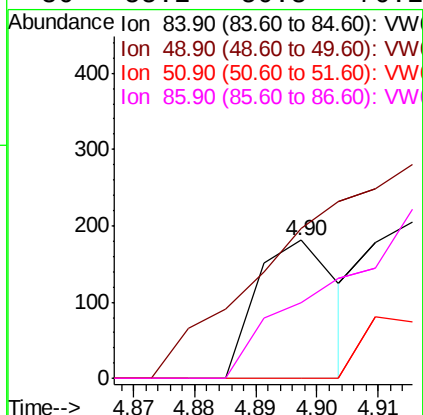
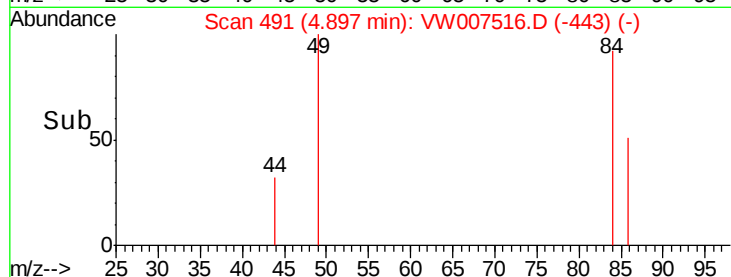
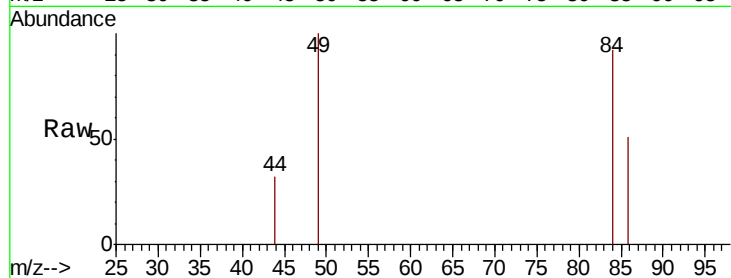




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 491
Delta R.T. -0.01 min
Lab File: VW007516.D
Acq: 14 Dec 2018 05:26

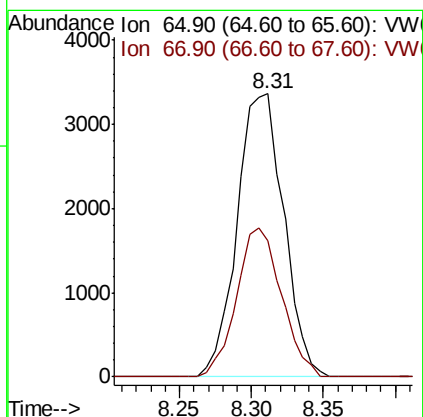
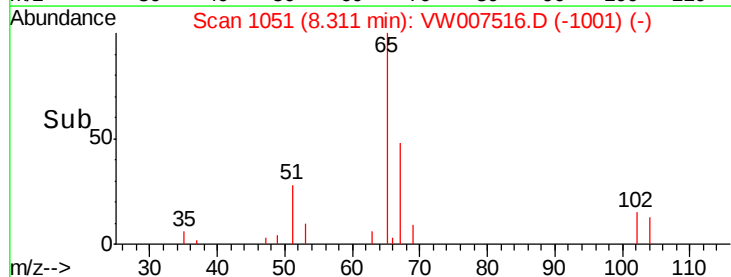
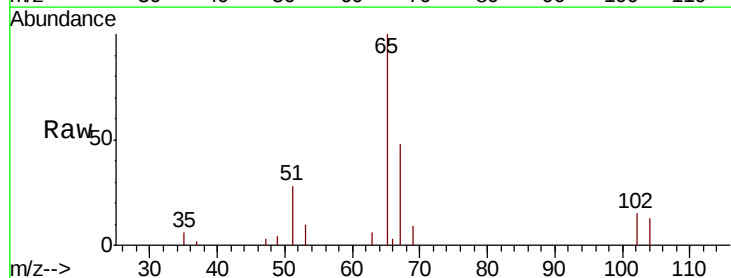
Instrument :
MSVOA_W
ClientSampleId :
SB-08B

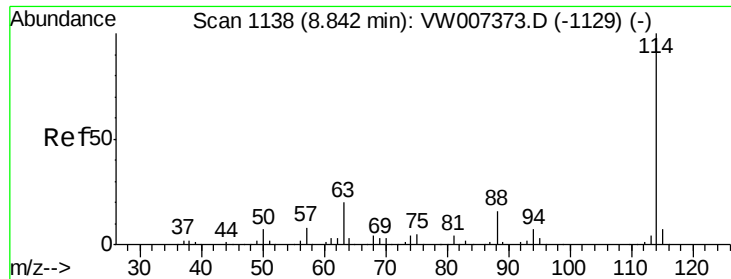
Tot Ion: 84 Resp: 167
Ion Ratio Lower Upper
84 100
49 72.4 87.1 130.7#
51 0.0 28.2 42.2#
86 55.2 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 63.722 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VW007516.D
Acq: 14 Dec 2018 05:26

Tgt Ion: 65 Resp: 7548
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.6

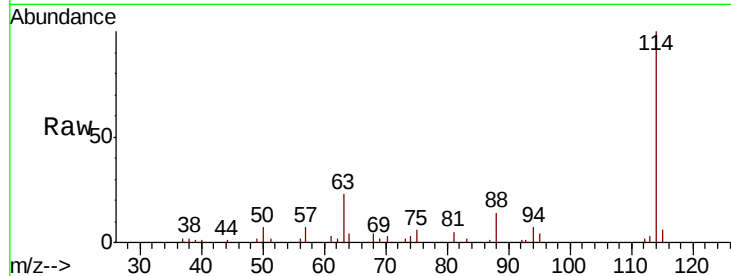




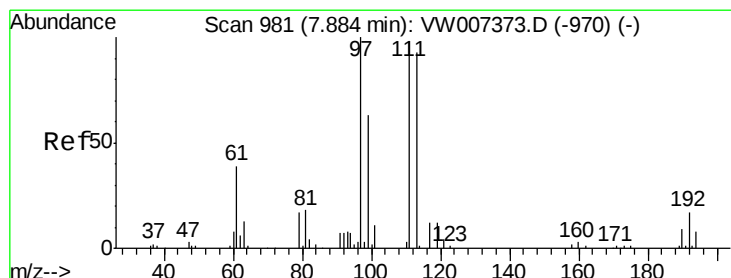
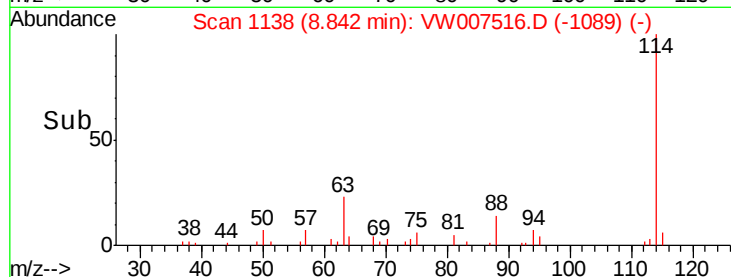
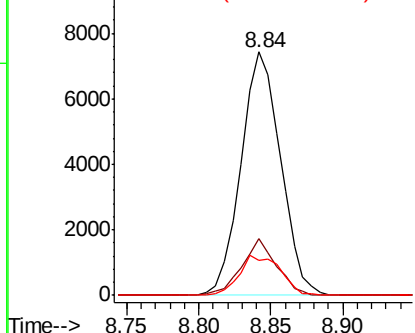
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007516.D
 Acq: 14 Dec 2018 05:26

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-08B

Tot Ion:114 Resp: 14143
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 39.6
 88 14.5 0.0 31.4

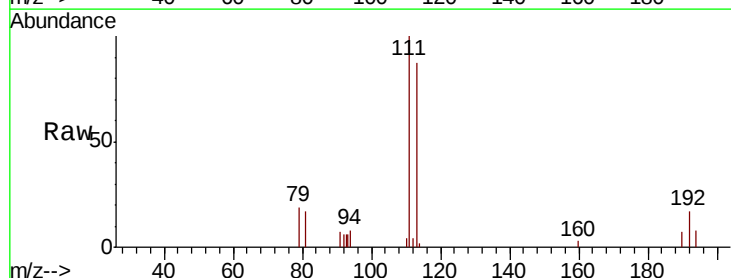


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

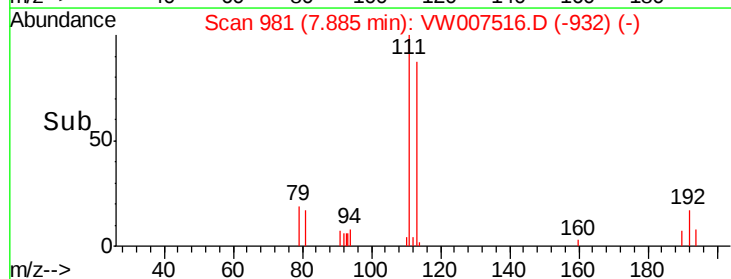
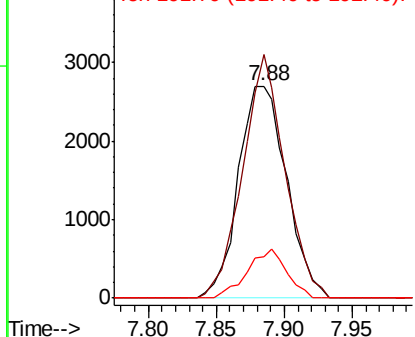


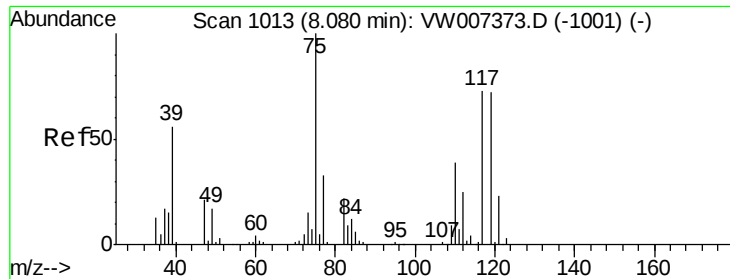
#35
 Dibromofluoromethane
 Concen: 77.908 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007516.D
 Acq: 14 Dec 2018 05:26

Tgt Ion:113 Resp: 6670
 Ion Ratio Lower Upper
 113 100
 111 101.0 81.1 121.7
 192 18.8 14.6 21.8



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

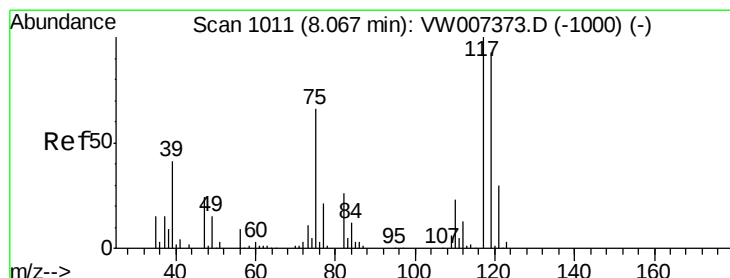
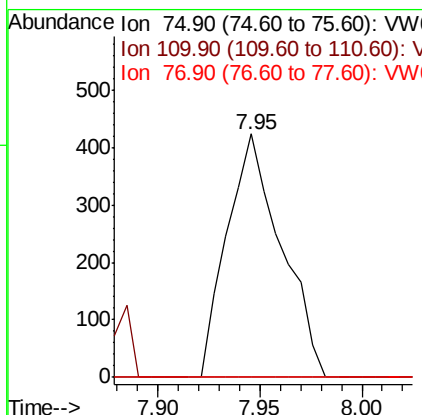
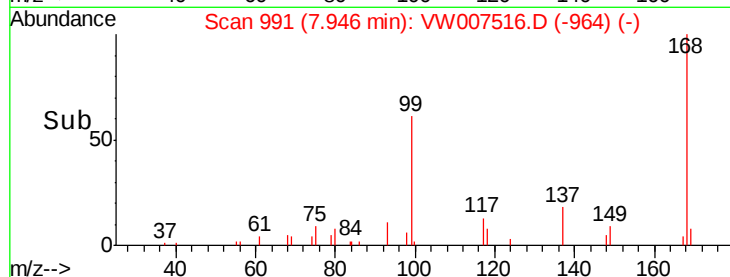
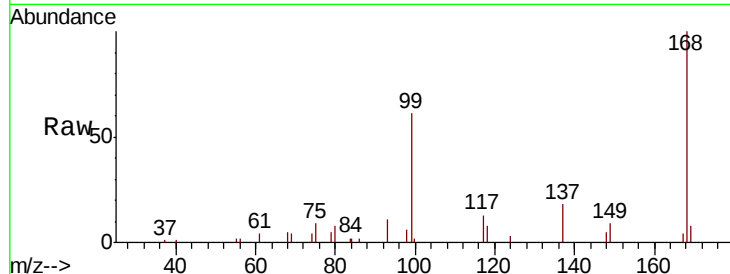




#36
 1,1-Dichloropropene
 Concen: 6.061 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007516.D
 Acq: 14 Dec 2018 05:26

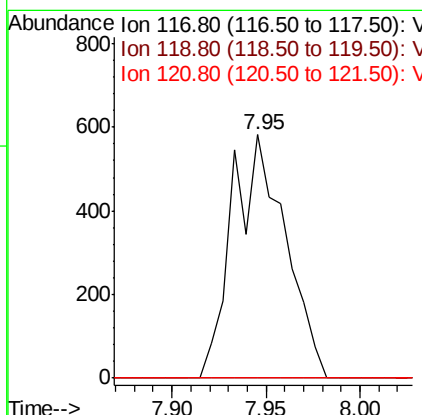
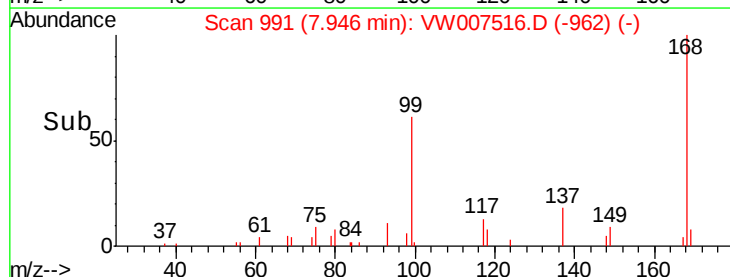
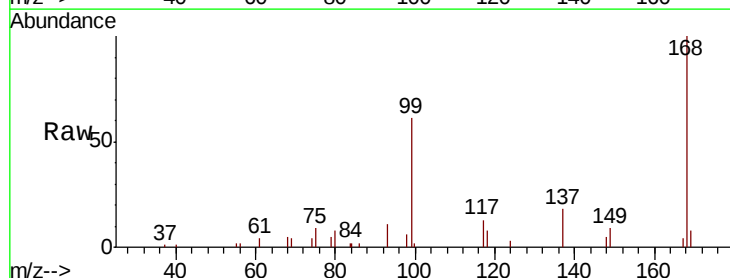
Instrument :
 MSVOA_W
 ClientSampled :
 SB-08B

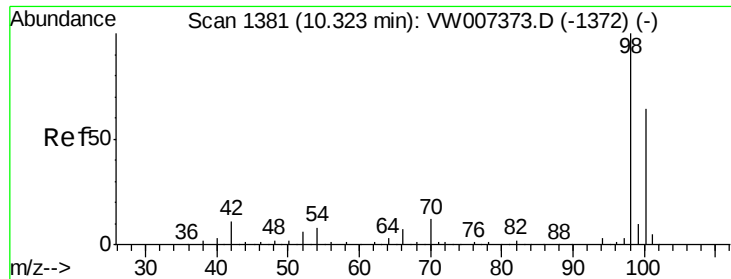
Tot Ion: 75 Resp: 782
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.5 55.5#
 77 0.0 25.6 38.4#



#38
 Carbon Tetrachloride
 Concen: 8.099 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW007516.D
 Acq: 14 Dec 2018 05:26

Tgt Ion: 117 Resp: 1137
 Ion Ratio Lower Upper
 117 100
 119 0.0 74.3 111.5#
 121 0.0 24.3 36.5#





#50

Toluene-d8

Concen: 31.757 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW007516.D

Acq: 14 Dec 2018 05:26

Instrument :

MSVOA_W

ClientSampleId :

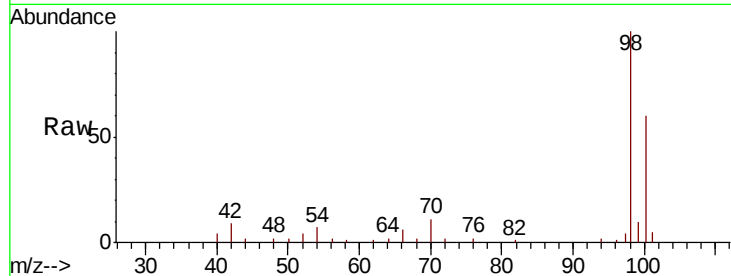
SB-08B

Tot Ion: 98 Resp: 10194

Ion Ratio Lower Upper

98 100

100 65.0 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

6000

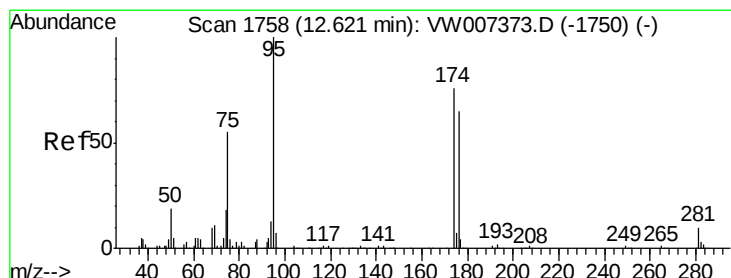
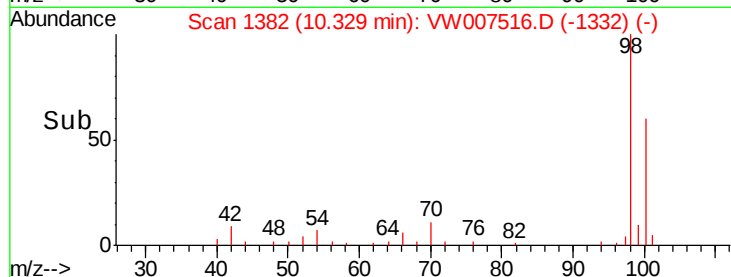
4000

2000

0

10.25 10.30 10.35 10.40

Time-->



#62

4-Bromofluorobenzene

Concen: 10.955 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007516.D

Acq: 14 Dec 2018 05:26

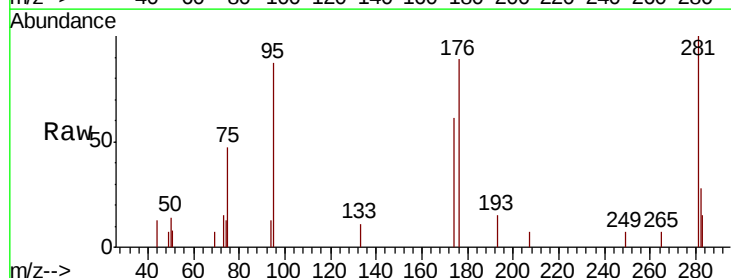
Tgt Ion: 95 Resp: 1293

Ion Ratio Lower Upper

95 100

174 75.6 0.0 147.2

176 79.2 0.0 138.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

1000

800

600

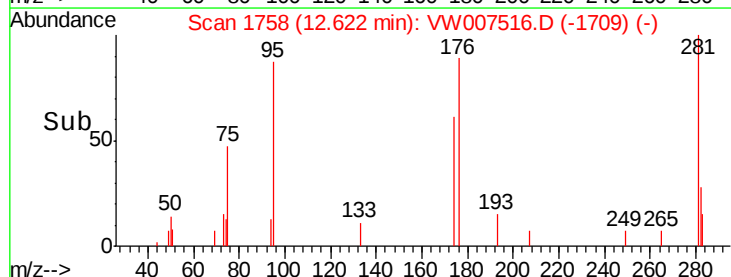
400

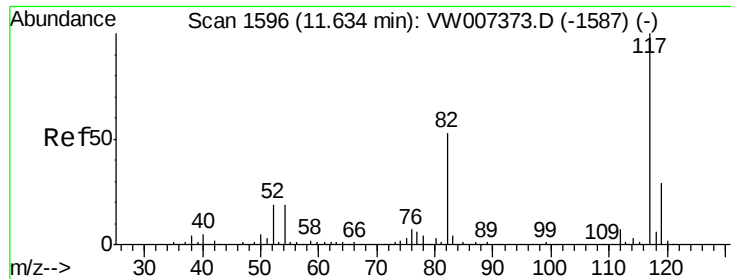
200

0

12.60 12.65

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW007516.D

Acq: 14 Dec 2018 05:26

Instrument :

MSVOA_W

ClientSampleId :

SB-08B

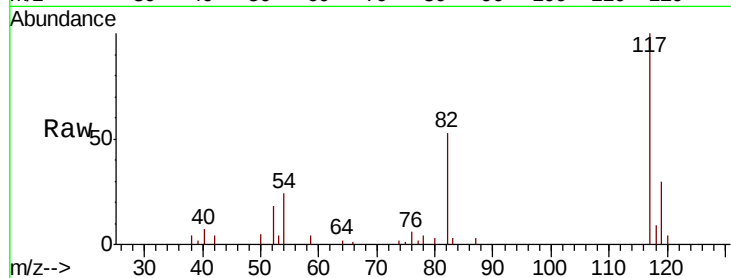
Tot Ion:117 Resp: 7661

Ion Ratio Lower Upper

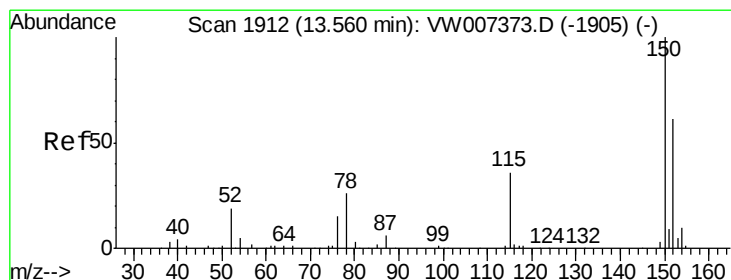
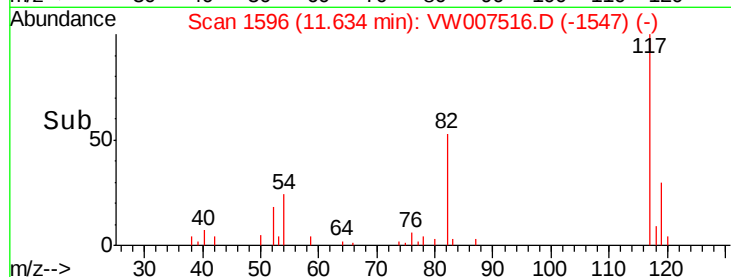
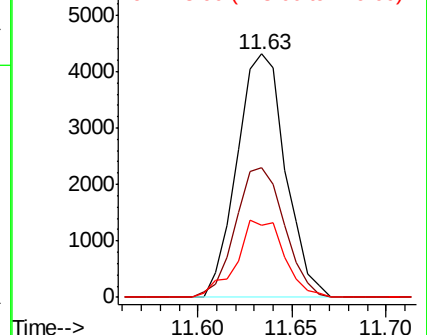
117 100

82 53.3 42.3 63.5

119 29.7 23.0 34.6



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: VW007516.D

Acq: 14 Dec 2018 05:26

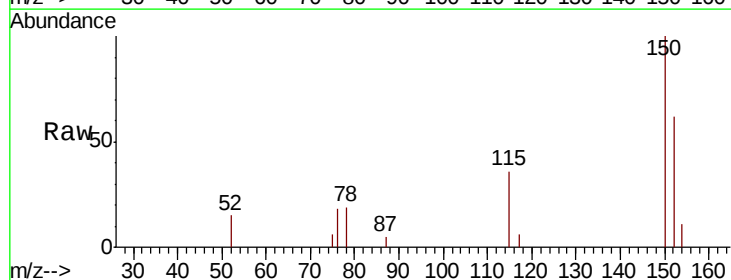
Tgt Ion:152 Resp: 1061

Ion Ratio Lower Upper

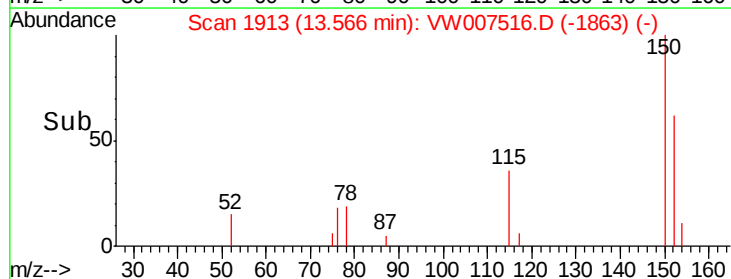
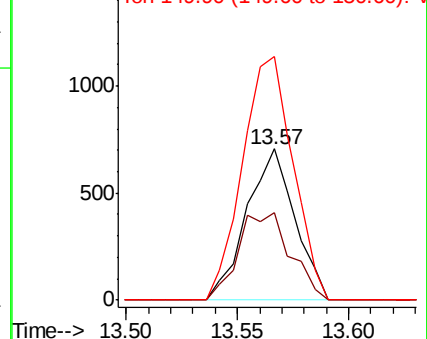
152 100

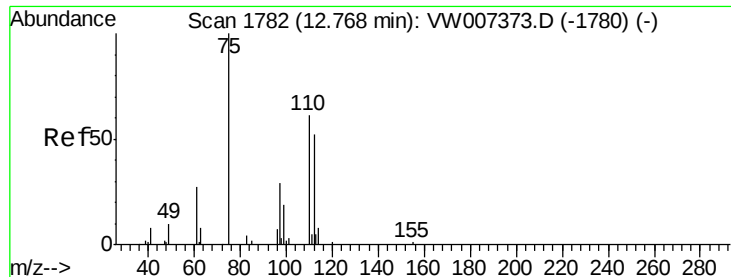
115 62.9 31.4 94.2

150 169.3 0.0 358.4



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: 74.986 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW007516.D

Acq: 14 Dec 2018 05:26

Instrument :

MSVOA_W

ClientSampled :

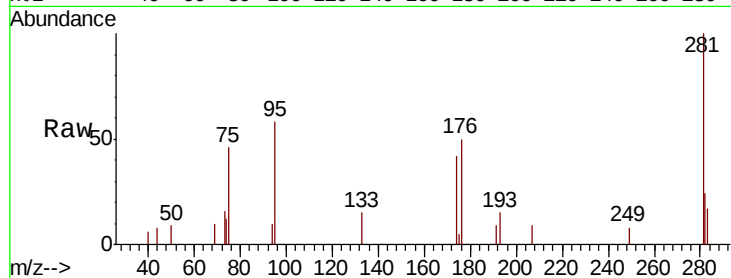
SB-08B

Tot Ion: 75 Resp: 656

Ion Ratio Lower Upper

75 100

77 0.0 166.9 500.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

12.62

400

300

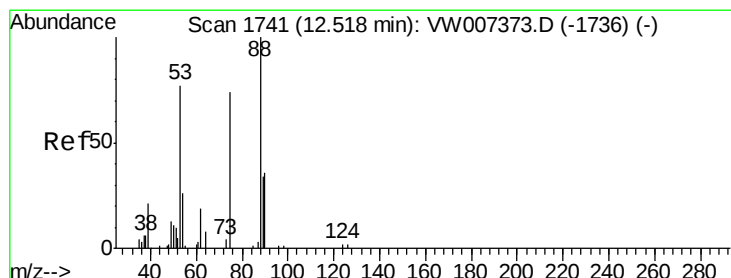
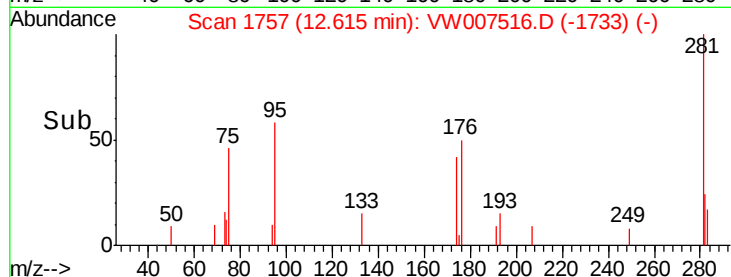
200

100

0

12.60 12.65

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 165.646 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW007516.D

Acq: 14 Dec 2018 05:26

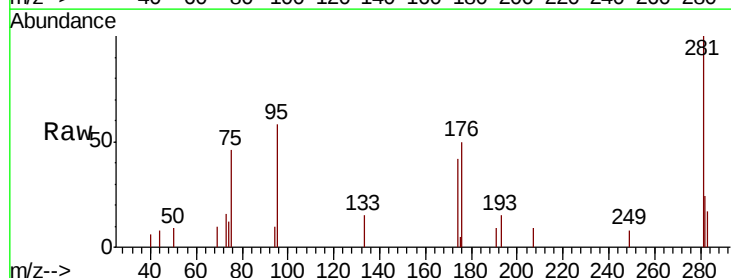
Tgt Ion: 75 Resp: 656

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#



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

600

500

400

300

200

100

0

12.60 12.65

Time-->

