

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121518\
 Data File : VW007457.D
 Acq On : 13 Dec 2018 00:04
 Operator : SY/AP
 Sample : J6275-05RE
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF-05-120418RE

Quant Time: Dec 13 04:21:43 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

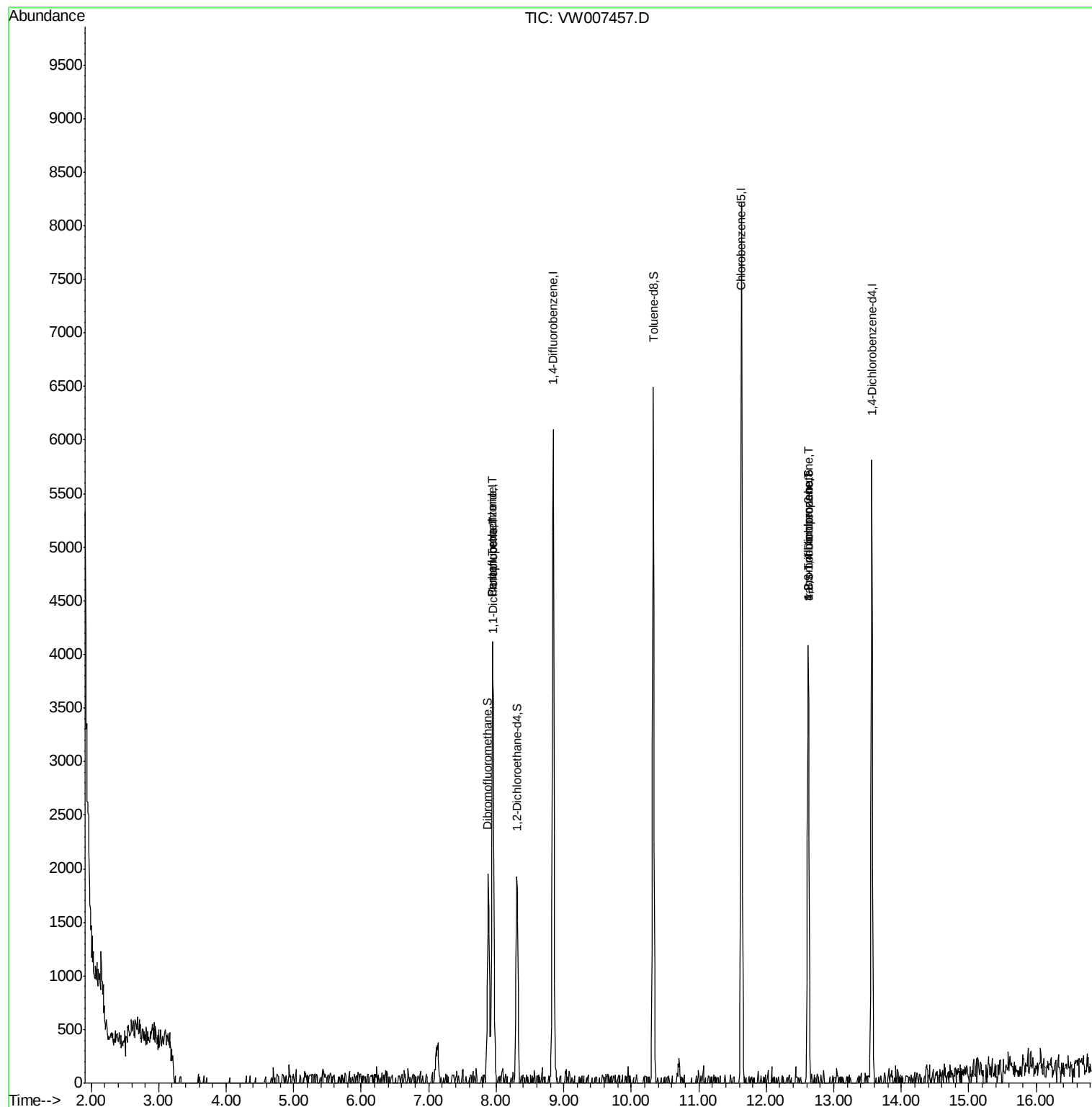
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	3391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	5559	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	4869	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	1719	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	1791	47.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.22%	
35) Dibromofluoromethane	7.88	113	1451	43.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.24%	
50) Toluene-d8	10.32	98	4900	38.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.68%	
62) 4-Bromofluorobenzene	12.62	95	1611	34.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.46%	
Target Compounds						
					Qvalue	
36) 1,1-Dichloropropene	7.96	75	291	5.738	ug/l #	40
38) Carbon Tetrachloride	7.95	117	323	5.854	ug/l #	13
76) 1,2,3-Trichloropropane	12.62	75	815	57.501	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	815	127.020	ug/l #	7

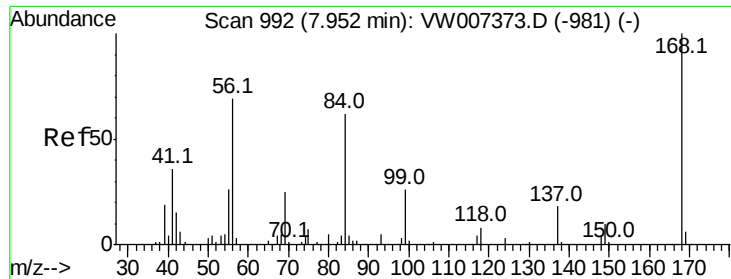
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121518\
Data File : VW007457.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007457.D

Acq: 13 Dec 2018 00:04

Instrument :

MSVOA_W

ClientSampleId :

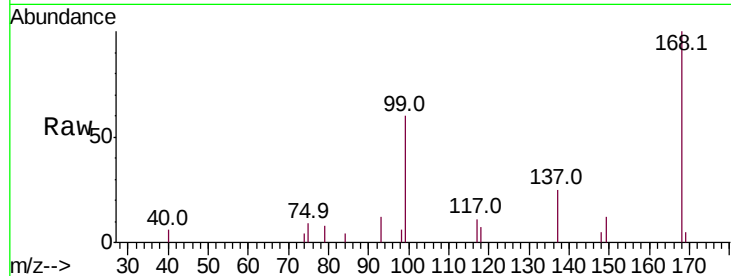
BF-05-120418RE

Tot Ion:168 Resp: 3391

Ion Ratio Lower Upper

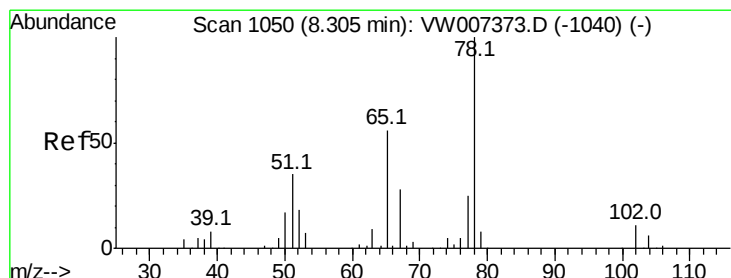
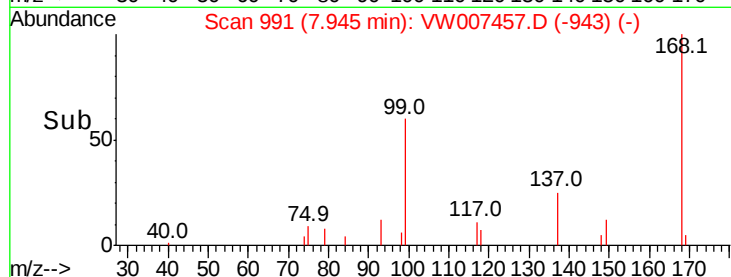
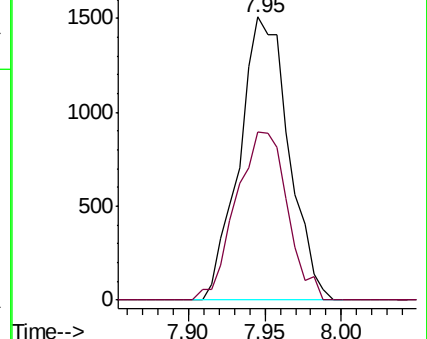
168 100

99 59.5 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 47.607 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW007457.D

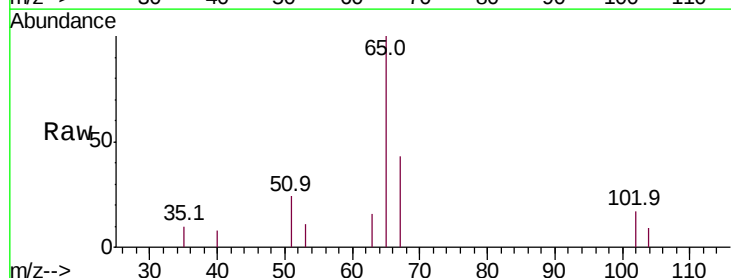
Acq: 13 Dec 2018 00:04

Tgt Ion: 65 Resp: 1791

Ion Ratio Lower Upper

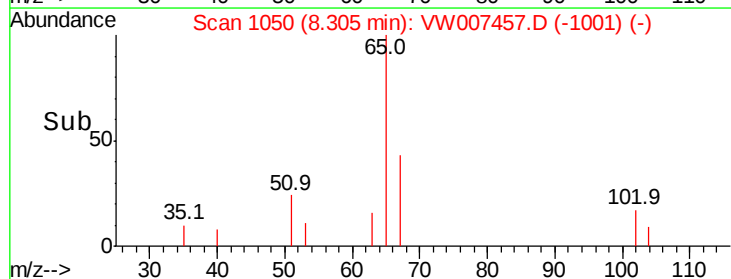
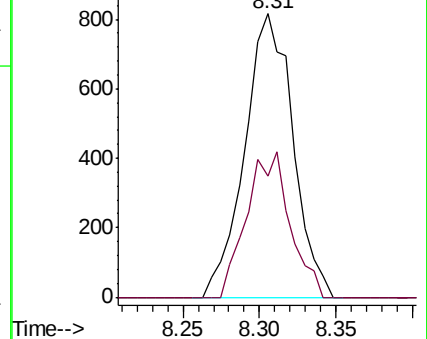
65 100

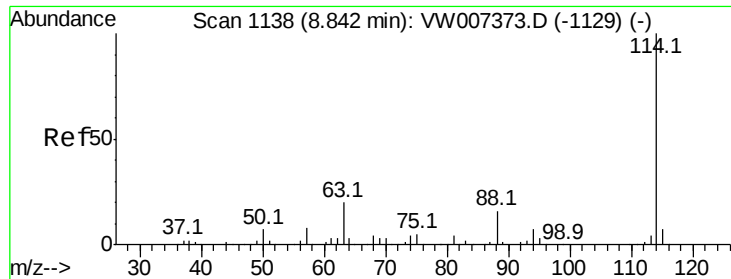
67 46.0 0.0 101.6



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: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW007457.D

Acq: 13 Dec 2018 00:04

Instrument :

MSVOA_W

ClientSampleId :

BF-05-120418RE

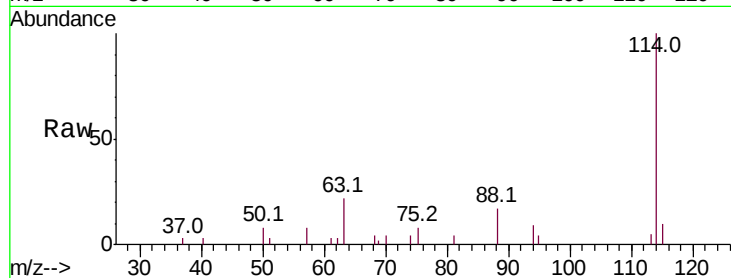
Tot Ion:114 Resp: 5559

Ion Ratio Lower Upper

114 100

63 22.1 0.0 39.6

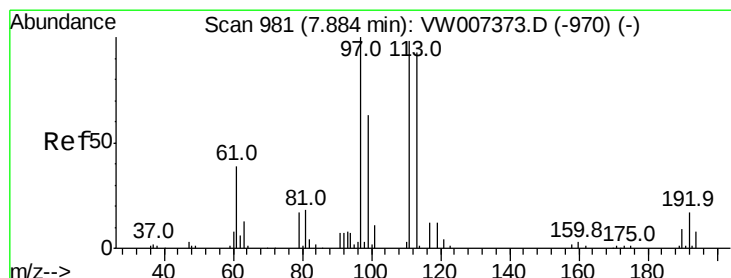
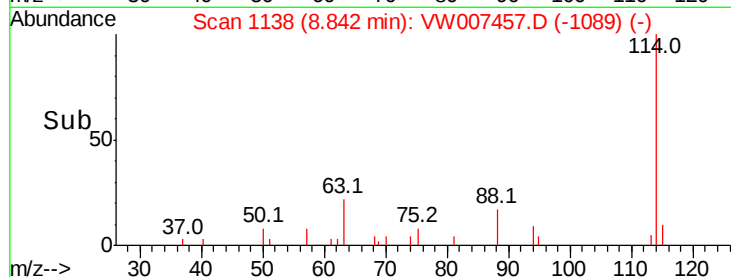
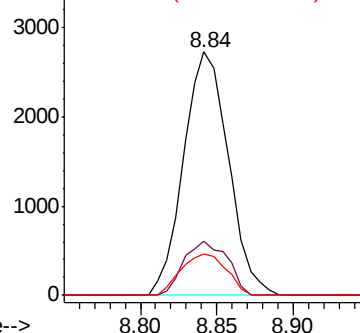
88 16.9 0.0 31.4



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: 43.119 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW007457.D

Acq: 13 Dec 2018 00:04

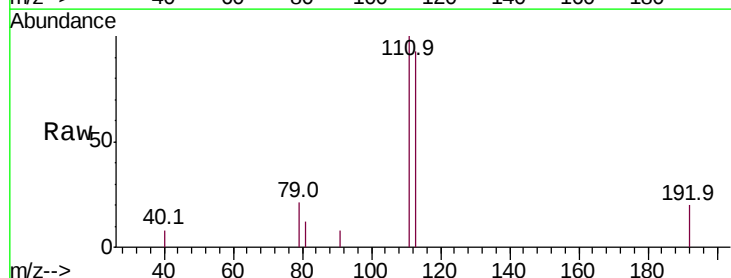
Tgt Ion:113 Resp: 1451

Ion Ratio Lower Upper

113 100

111 108.5 81.1 121.7

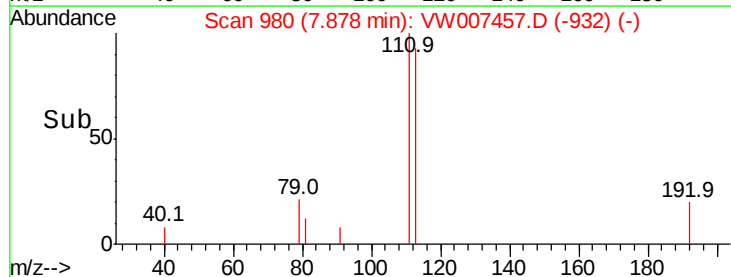
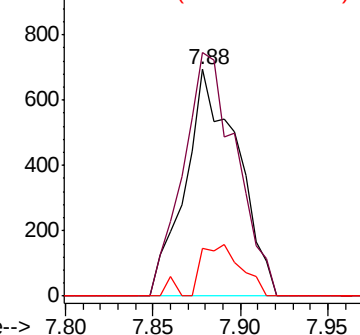
192 18.6 14.6 21.8

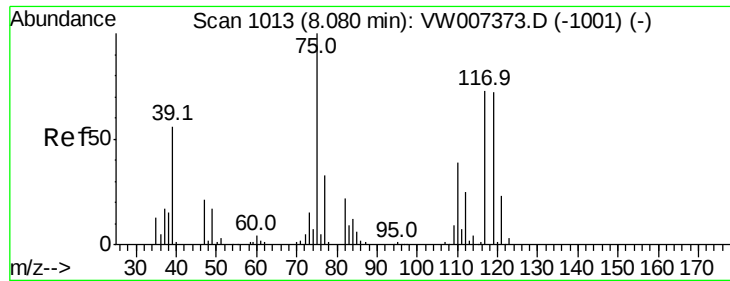


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

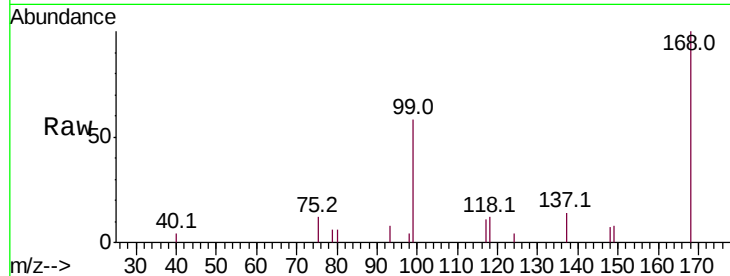




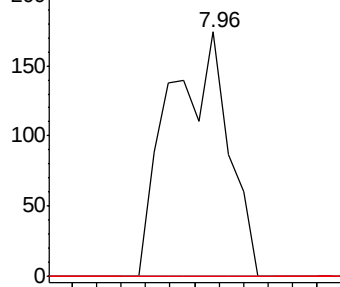
#36
 1,1-Dichloropropene
 Concen: 5.738 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.12 min
 Lab File: VW007457.D
 Acq: 13 Dec 2018 00:04

Instrument :
 MSVOA_W
 ClientSampleId :
 BF-05-120418RE

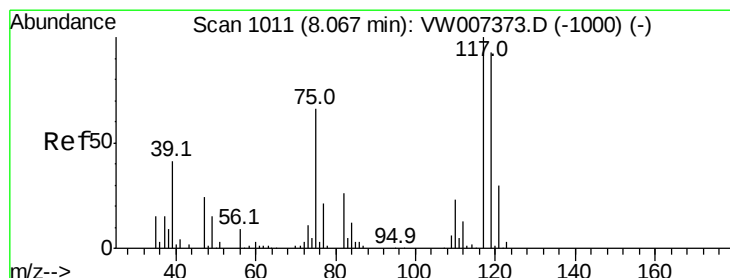
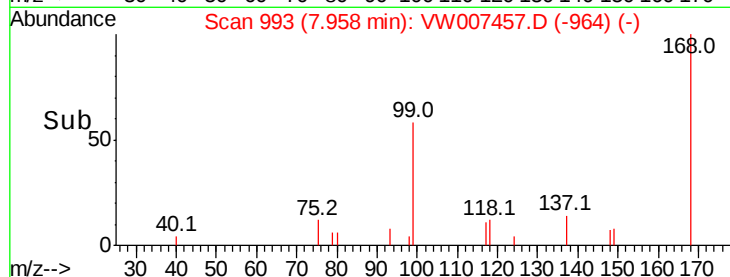
Tot Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.5	55.5#
77	0.0	25.6	38.4#



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

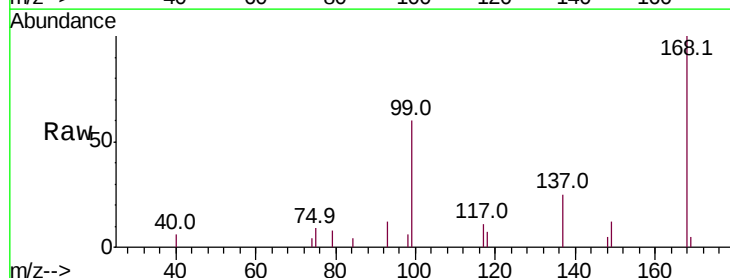


Time-->

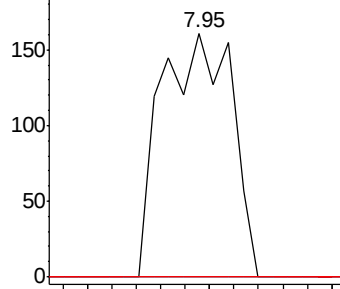


#38
 Carbon Tetrachloride
 Concen: 5.854 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW007457.D
 Acq: 13 Dec 2018 00:04

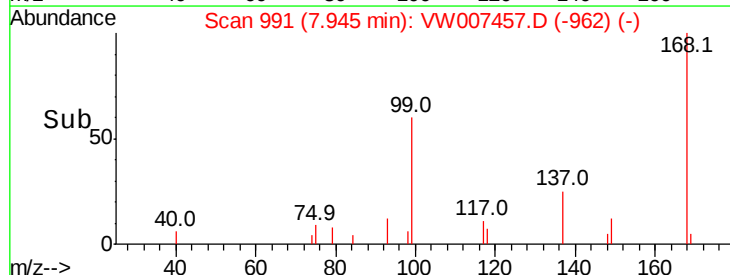
Tgt Ion	Ratio	Lower	Upper
117	100		
119	0.0	74.3	111.5#
121	0.0	24.3	36.5#

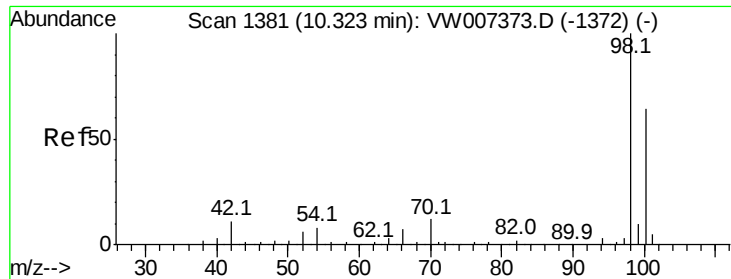


Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V



Time-->





#50

Toluene-d8

Concen: 38.836 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW007457.D

Acq: 13 Dec 2018 00:04

Instrument :

MSVOA_W

ClientSampleId :

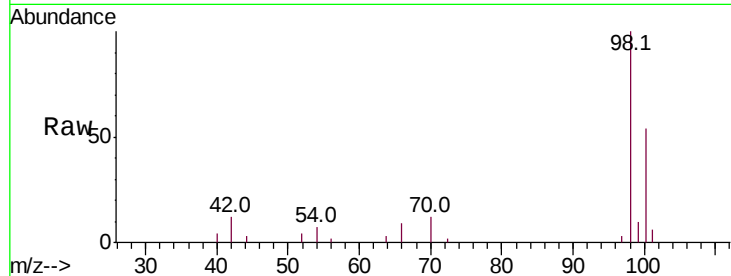
BF-05-120418RE

Tot Ion: 98 Resp: 4900

Ion Ratio Lower Upper

98 100

100 60.4 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

2500

2000

1500

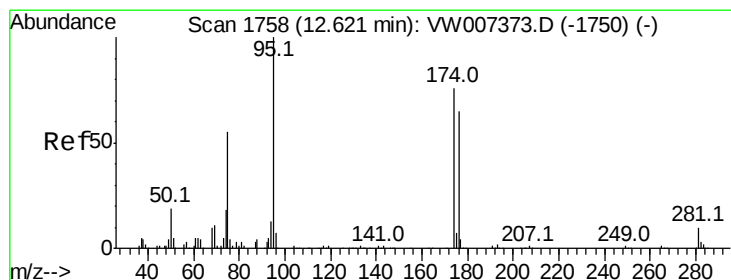
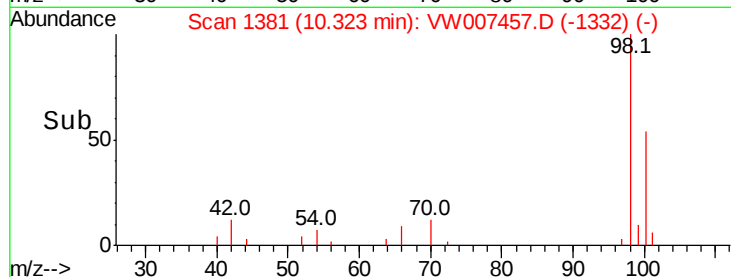
1000

500

0

Time-->

10.25 10.30 10.35 10.40



#62

4-Bromofluorobenzene

Concen: 34.727 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007457.D

Acq: 13 Dec 2018 00:04

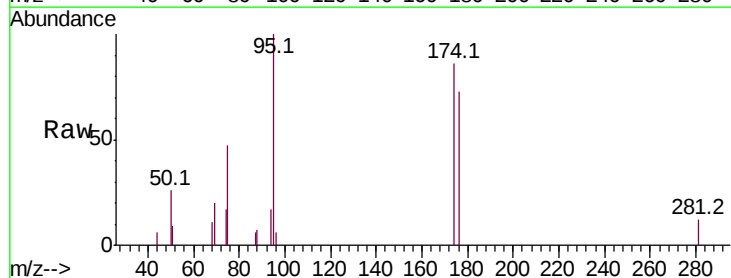
Tgt Ion: 95 Resp: 1611

Ion Ratio Lower Upper

95 100

174 80.3 0.0 147.2

176 66.9 0.0 138.8



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

1200

1000

800

600

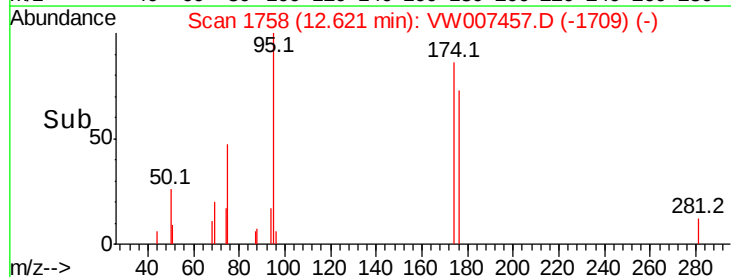
400

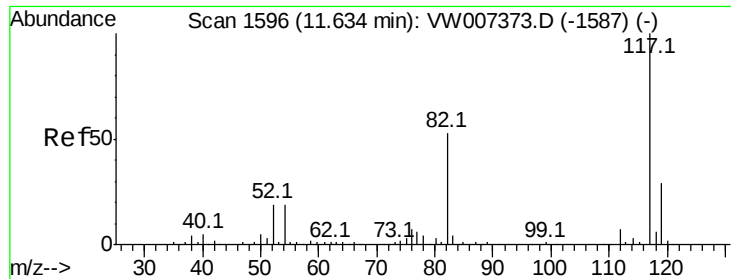
200

0

Time-->

12.60 12.65





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW007457.D

Acq: 13 Dec 2018 00:04

Instrument :

MSVOA_W

ClientSampleId :

BF-05-120418RE

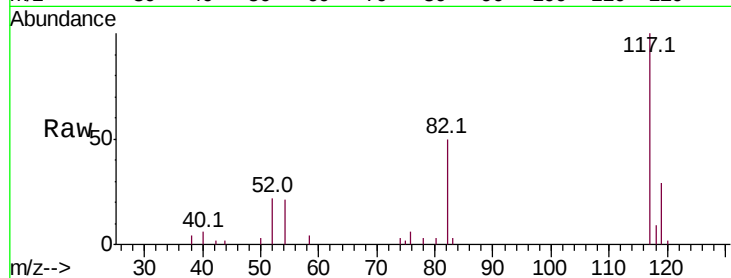
Tot Ion:117 Resp: 4869

Ion Ratio Lower Upper

117 100

82 49.6 42.3 63.5

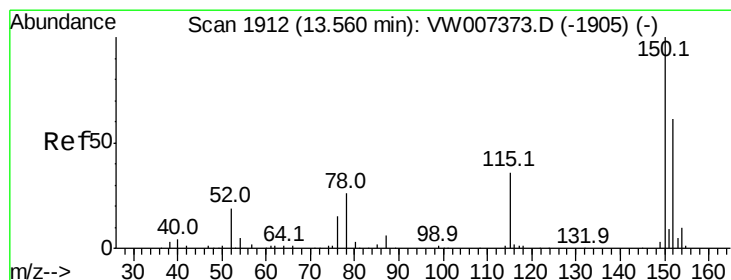
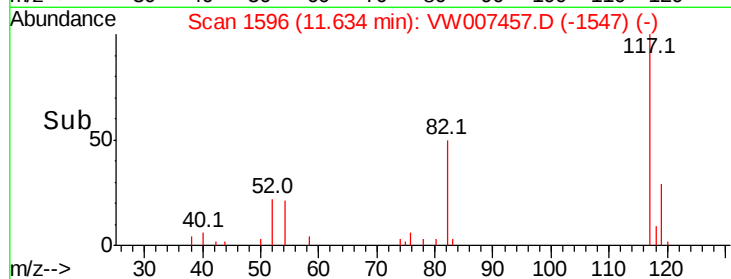
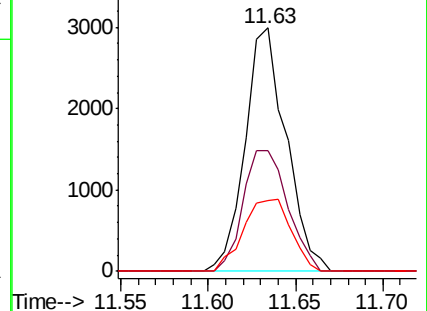
119 28.9 23.0 34.6



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: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW007457.D

Acq: 13 Dec 2018 00:04

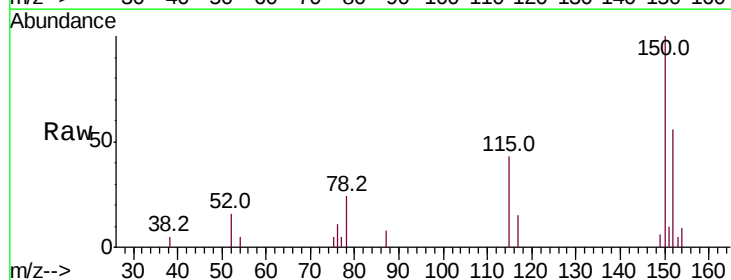
Tgt Ion:152 Resp: 1719

Ion Ratio Lower Upper

152 100

115 72.4 31.4 94.2

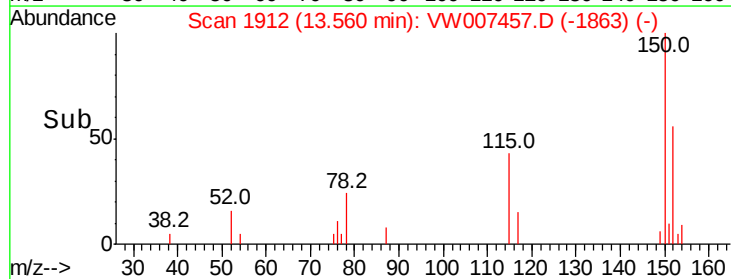
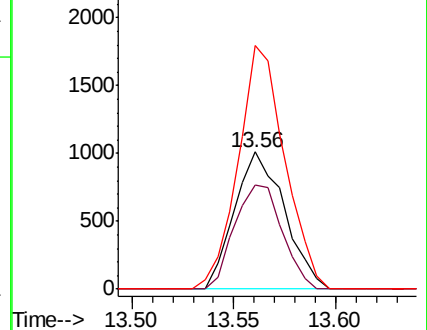
150 165.2 0.0 358.4

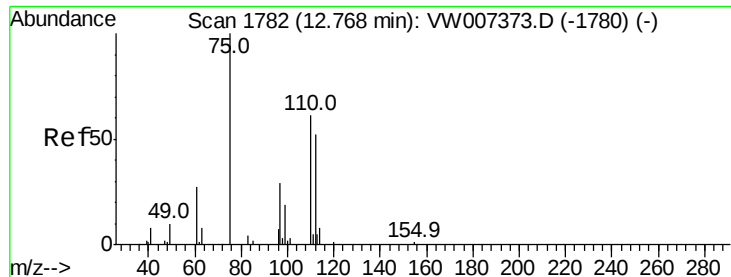


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 57.501 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW007457.D

Acq: 13 Dec 2018 00:04

Instrument :

MSVOA_W

ClientSampleId :

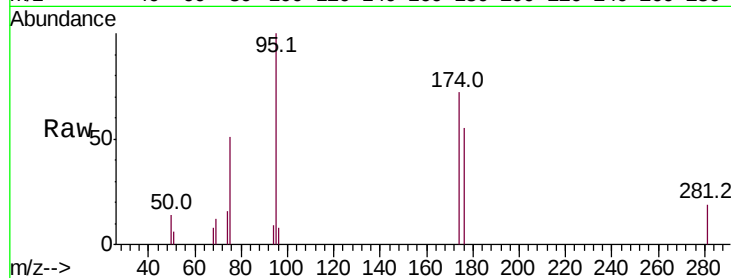
BF-05-120418RE

Tot Ion: 75 Resp: 815

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

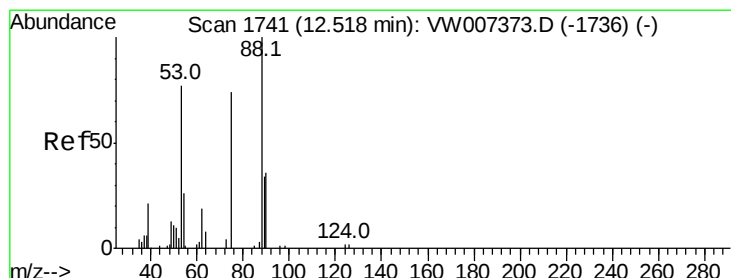
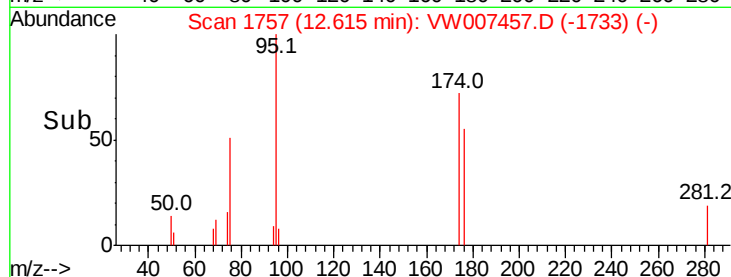
300

200

100

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 127.020 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW007457.D

Acq: 13 Dec 2018 00:04

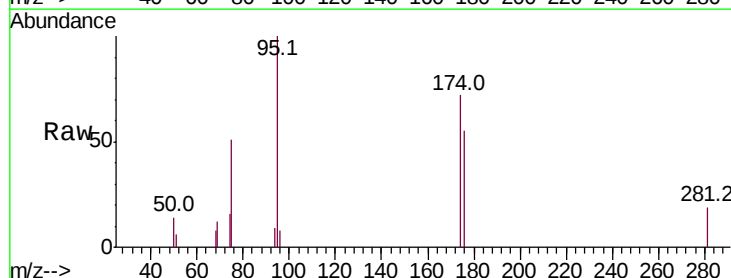
Tgt Ion: 75 Resp: 815

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

Time-->

