

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122418\
 Data File : VW007866.D
 Acq On : 23 Dec 2018 01:23
 Operator : SY/AP
 Sample : J6511-08
 Misc : 6.06G/5ML/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-64(0-5)-GRAB

Quant Time: Dec 23 23:58:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

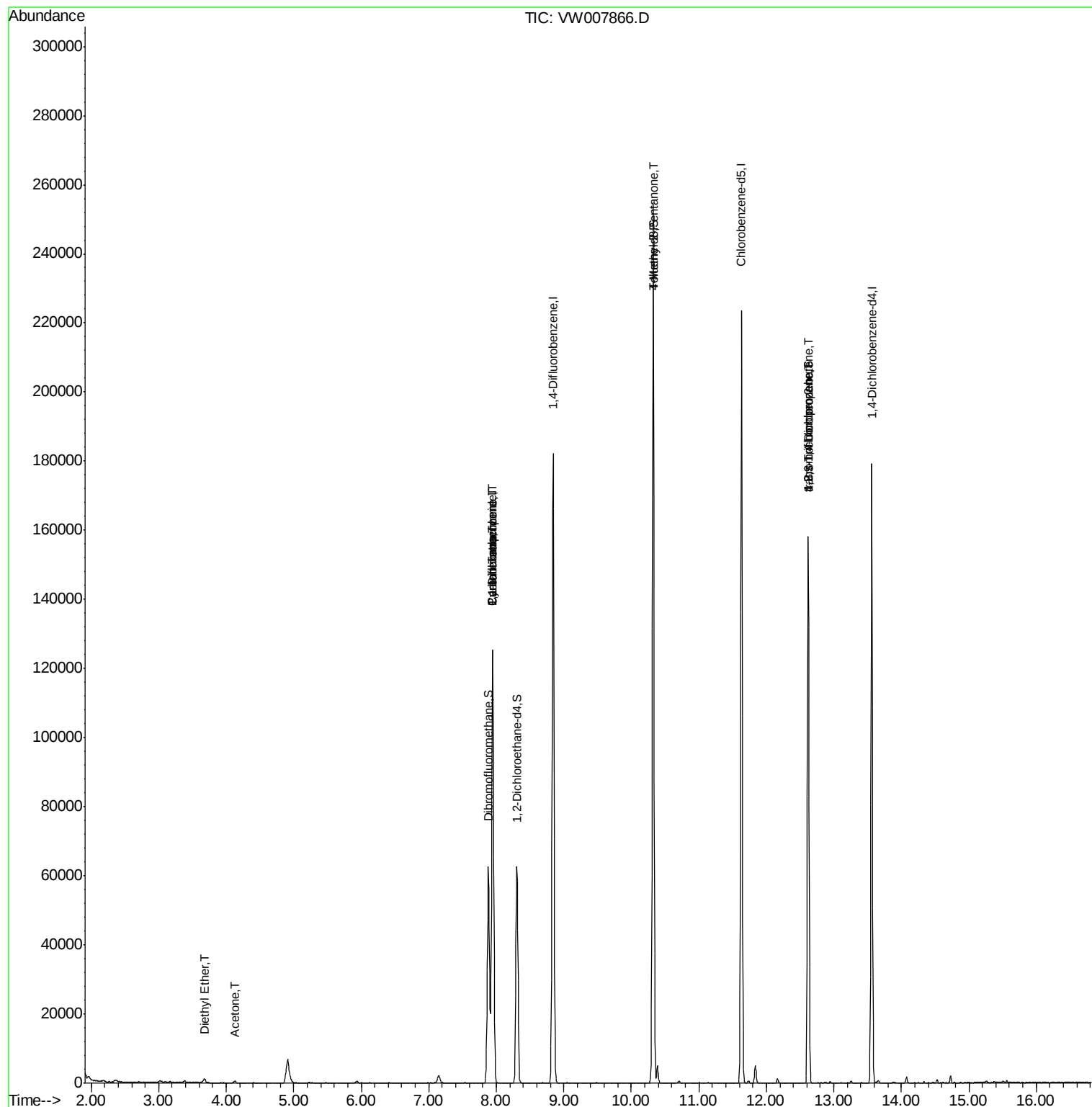
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	92803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	157309	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	124340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	47101	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	51162	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
35) Dibromofluoromethane	7.88	113	46368	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	
50) Toluene-d8	10.32	98	174189	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
62) 4-Bromofluorobenzene	12.62	95	55034	39.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.76%	
Target Compounds						
8) Diethyl Ether	3.67	74	730	1.775	ug/l	92
16) Acetone	4.13	43	951	4.993	ug/l	98
31) Cyclohexane	7.95	56	1922	1.269	ug/l #	21
36) 1,1-Dichloropropene	7.95	75	7049	4.643	ug/l #	48
38) Carbon Tetrachloride	7.95	117	9738	5.446	ug/l #	14
51) 4-Methyl-2-Pentanone	10.33	43	636	1.282	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	27145	74.565	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	27145	156.517	ug/l #	9

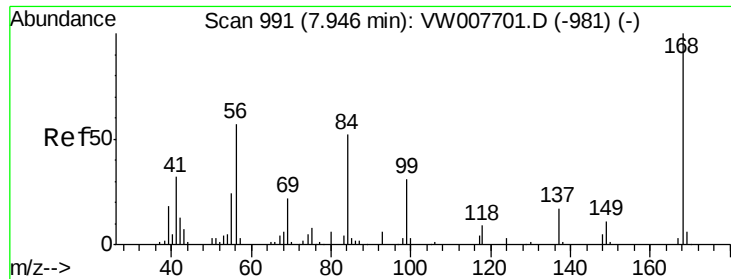
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 20 06:30:23 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007866.D

Acq: 23 Dec 2018 01:23

Instrument :

MSVOA_W

ClientSampleId :

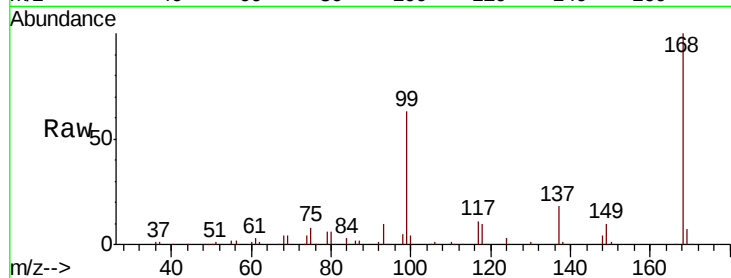
SB-64(0-5)-GRAB

Tgt Ion: 168 Resp: 92803

Ion Ratio Lower Upper

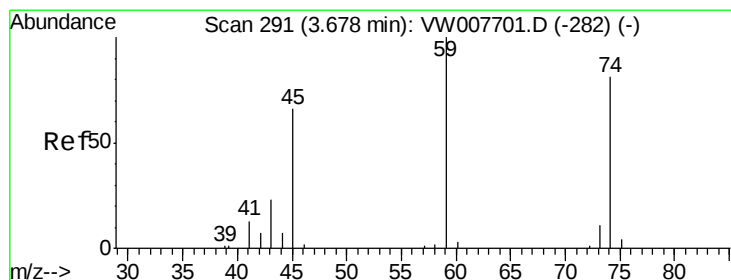
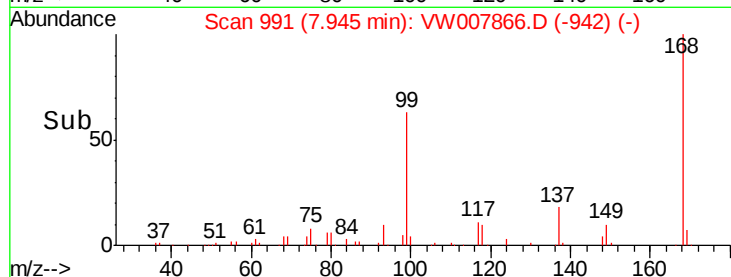
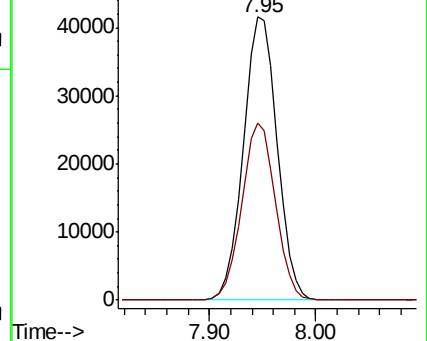
168 100

99 62.7 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.775 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW007866.D

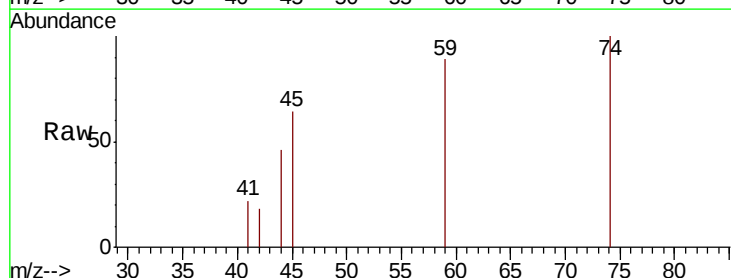
Acq: 23 Dec 2018 01:23

Tgt Ion: 74 Resp: 730

Ion Ratio Lower Upper

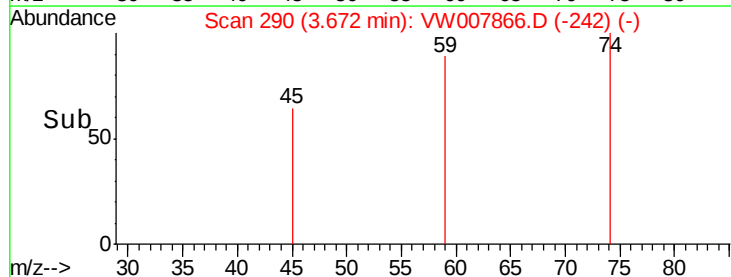
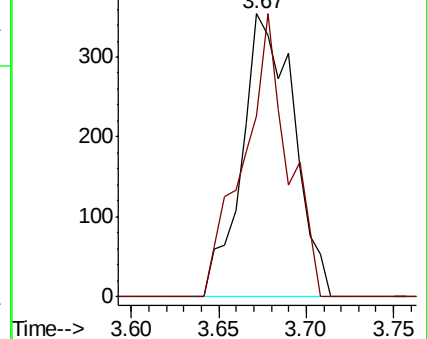
74 100

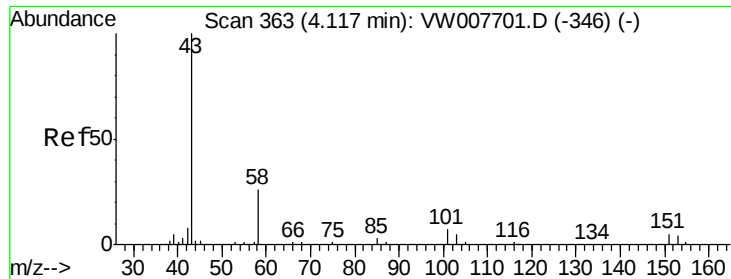
45 85.6 39.4 118.1



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 4.993 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007866.D

Acq: 23 Dec 2018 01:23

Instrument :

MSVOA_W

ClientSampleId :

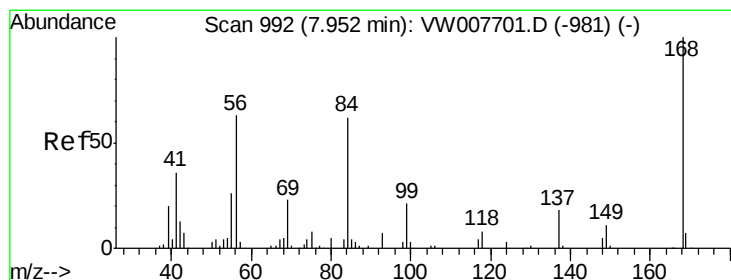
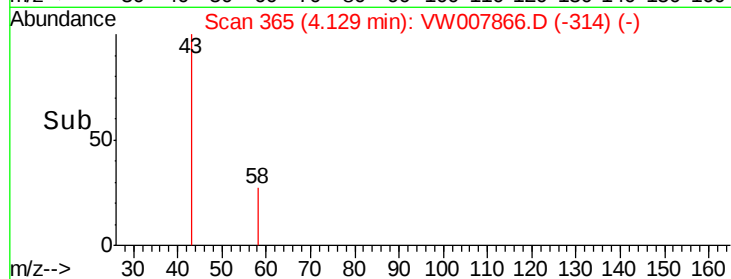
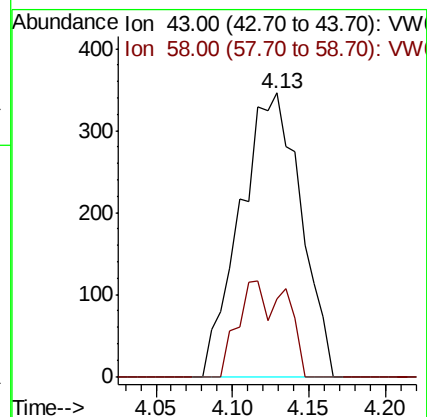
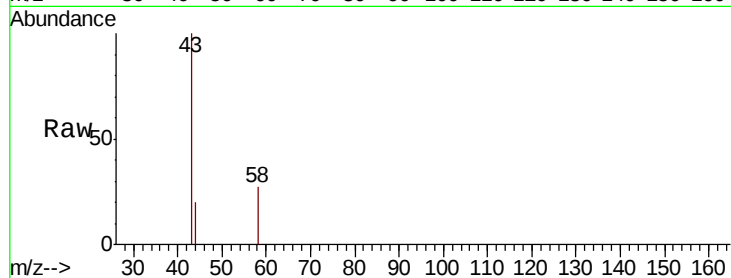
SB-64(0-5)-GRAB

Tgt Ion: 43 Resp: 951

Ion Ratio Lower Upper

43 100

58 27.5 21.2 31.8



#31

Cyclohexane

Concen: 1.269 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007866.D

Acq: 23 Dec 2018 01:23

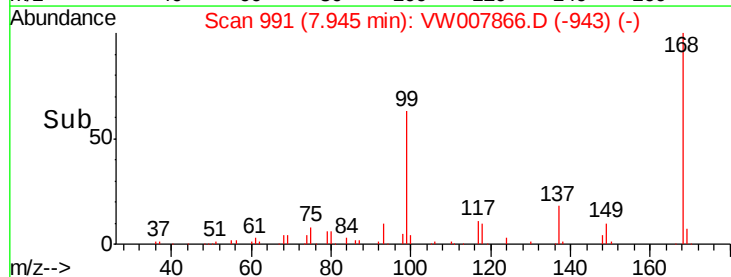
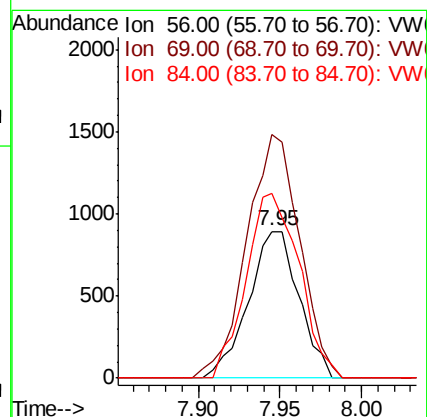
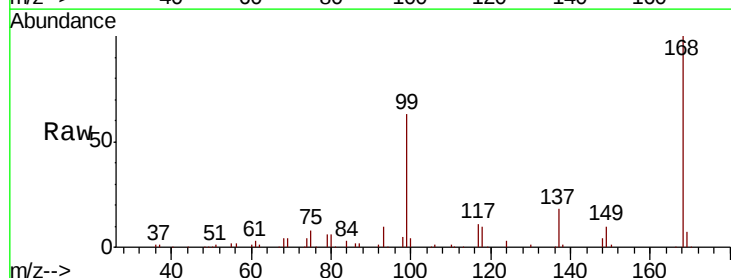
Tgt Ion: 56 Resp: 1922

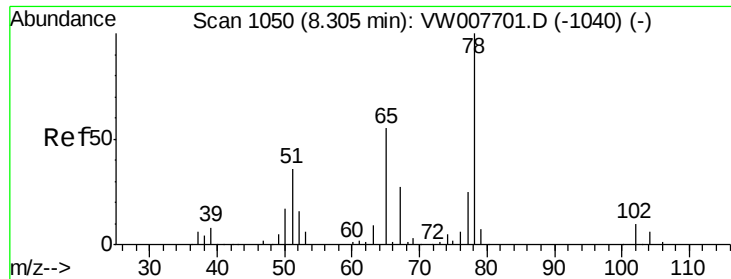
Ion Ratio Lower Upper

56 100

69 165.9 29.7 44.5#

84 126.0 78.9 118.3#

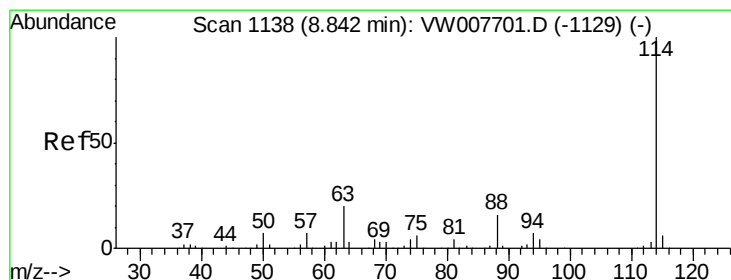
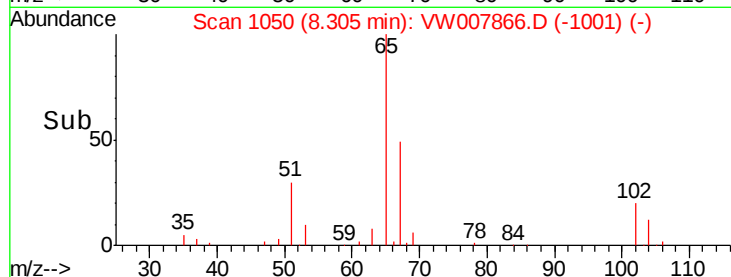
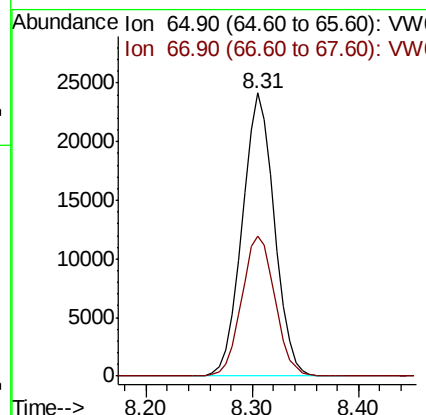
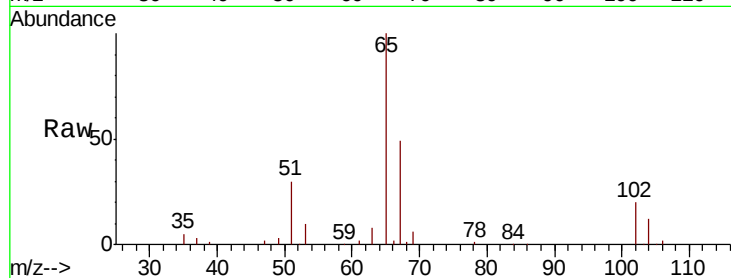




#33
 1,2-Dichloroethane-d4
 Concen: 50.299 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007866.D
 Acq: 23 Dec 2018 01:23

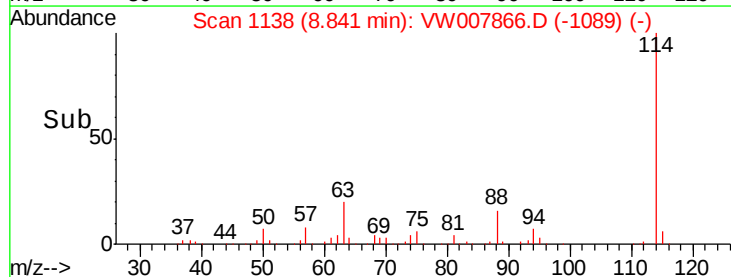
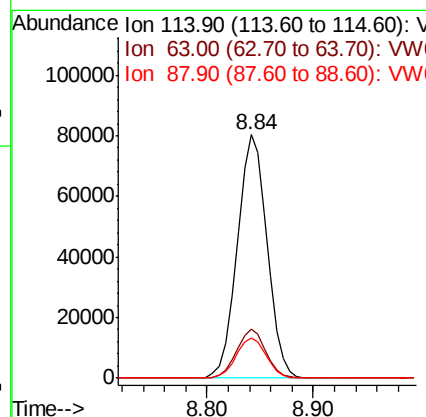
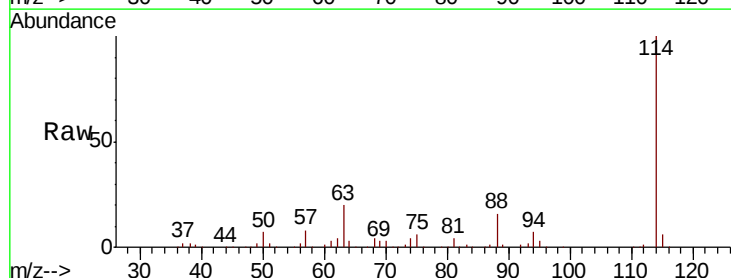
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-64(0-5)-GRAB

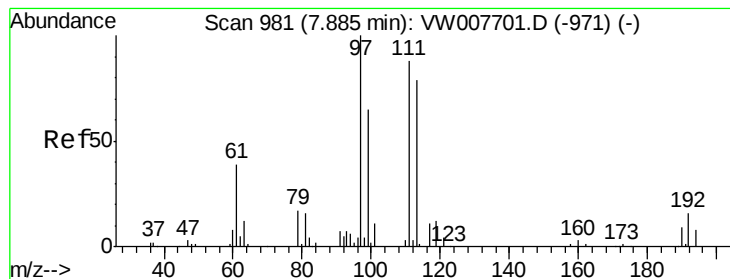
Tgt Ion: 65 Resp: 51162
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007866.D
 Acq: 23 Dec 2018 01:23

Tgt Ion: 114 Resp: 157309
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.0
 88 16.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.317 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007866.D

Acq: 23 Dec 2018 01:23

Instrument :

MSVOA_W

ClientSampleId :

SB-64(0-5)-GRAB

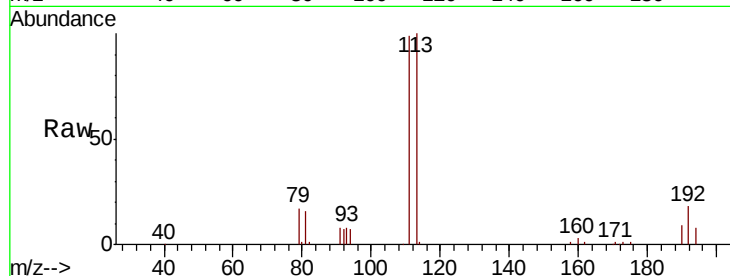
Tgt Ion:113 Resp: 46368

Ion Ratio Lower Upper

113 100

111 100.8 82.6 124.0

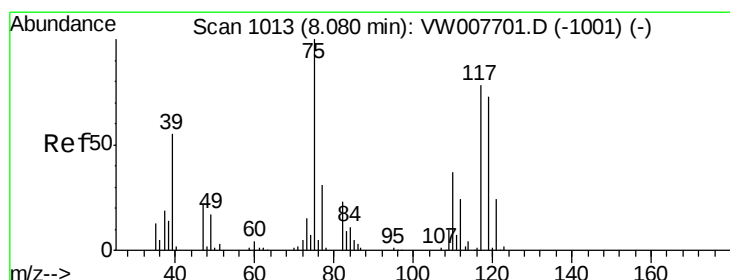
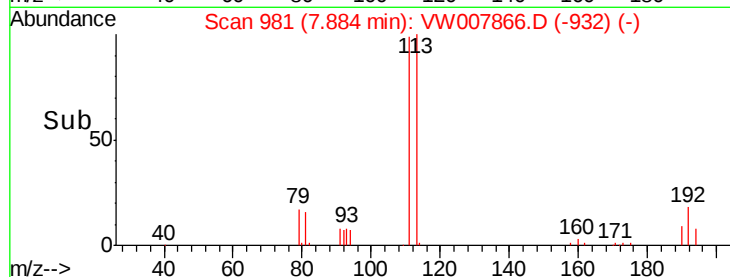
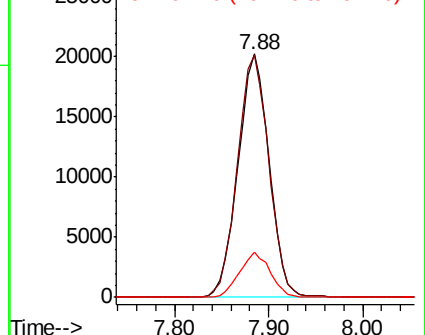
192 18.2 15.5 23.3



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: 4.643 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW007866.D

Acq: 23 Dec 2018 01:23

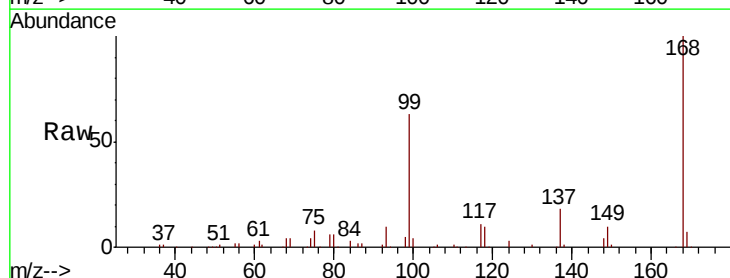
Tgt Ion: 75 Resp: 7049

Ion Ratio Lower Upper

75 100

110 8.8 18.6 55.8#

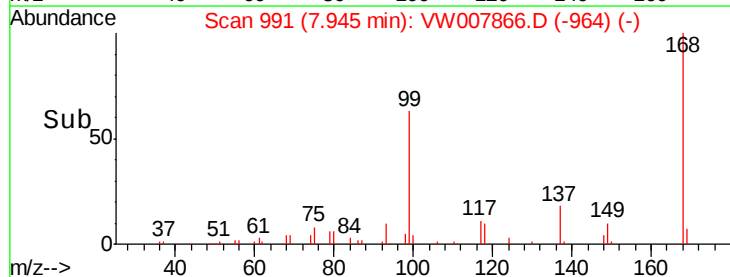
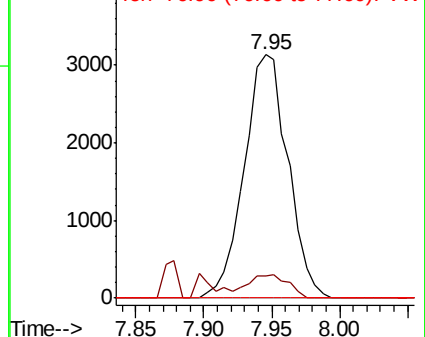
77 0.0 25.0 37.4#

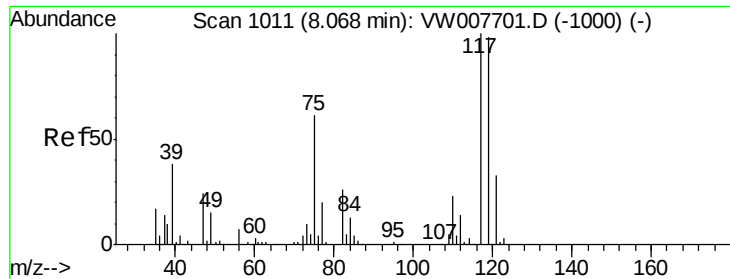


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

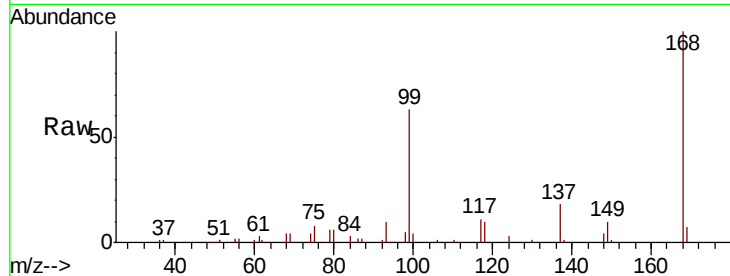




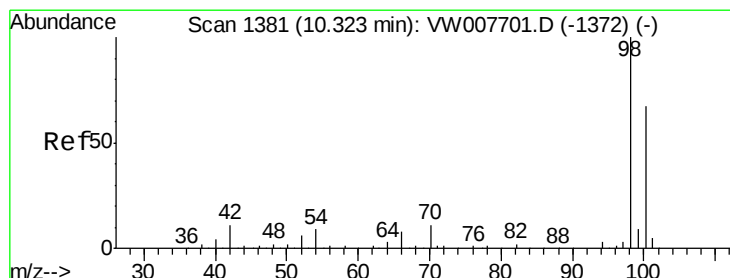
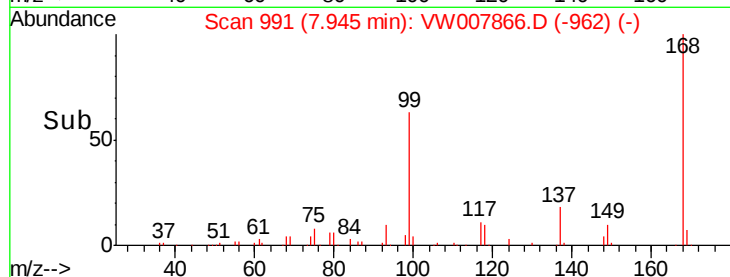
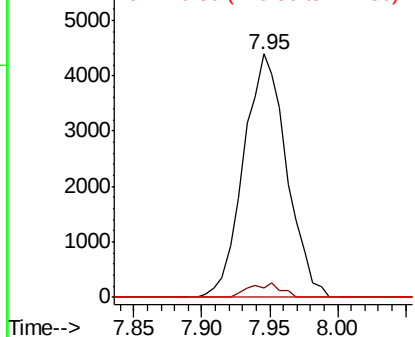
#38
Carbon Tetrachloride
Concen: 5.446 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007866.D
Acq: 23 Dec 2018 01:23

Instrument :
MSVOA_W
ClientSampleId :
SB-64(0-5)-GRAB

Tgt Ion: 117 Resp: 9738
Ion Ratio Lower Upper
117 100
119 3.9 78.2 117.2#
121 0.0 26.1 39.1#

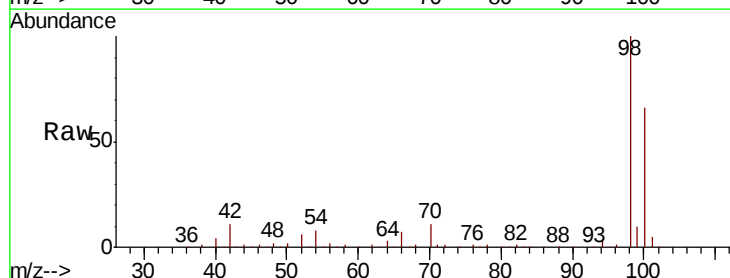


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

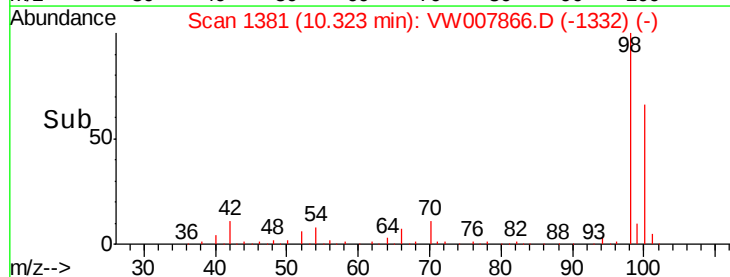
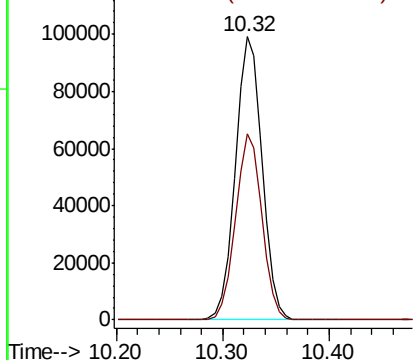


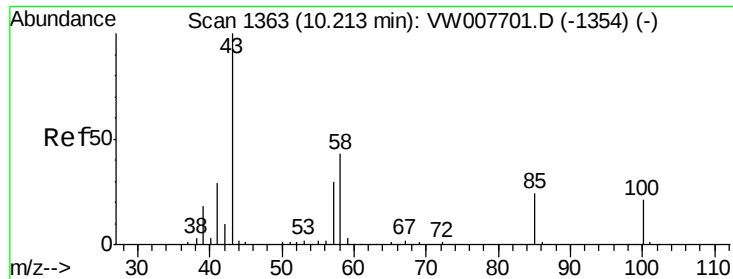
#50
Toluene-d8
Concen: 48.148 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007866.D
Acq: 23 Dec 2018 01:23

Tgt Ion: 98 Resp: 174189
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2



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: 1.282 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.12 min

Lab File: VW007866.D

Acq: 23 Dec 2018 01:23

Instrument :

MSVOA_W

ClientSampleId :

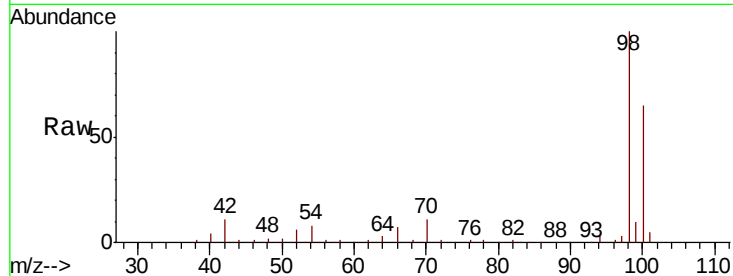
SB-64(0-5)-GRAB

Tgt Ion: 43 Resp: 636

Ion Ratio Lower Upper

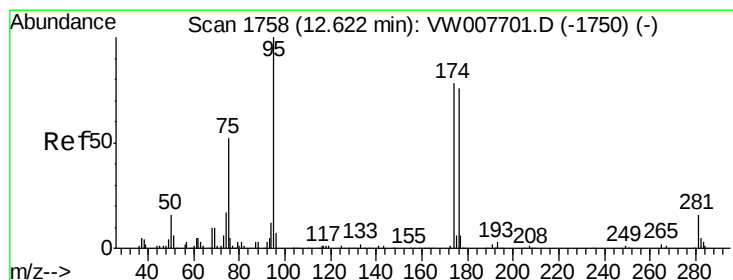
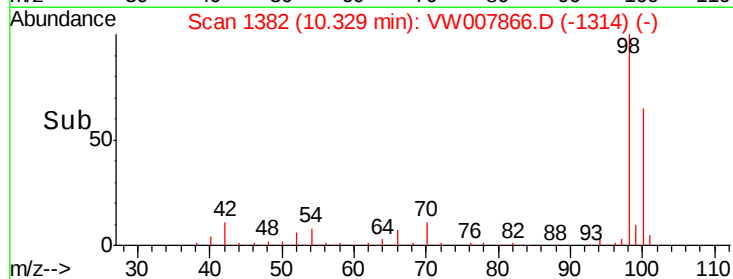
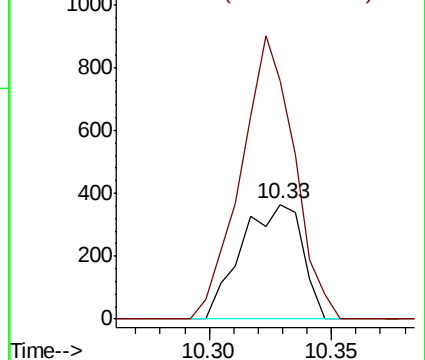
43 100

58 215.4 33.2 49.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#62

4-Bromofluorobenzene

Concen: 39.377 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007866.D

Acq: 23 Dec 2018 01:23

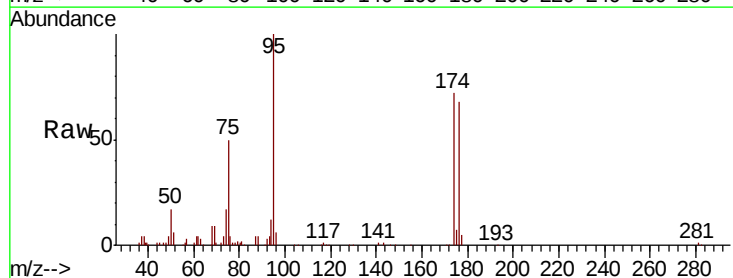
Tgt Ion: 95 Resp: 55034

Ion Ratio Lower Upper

95 100

174 73.7 0.0 152.2

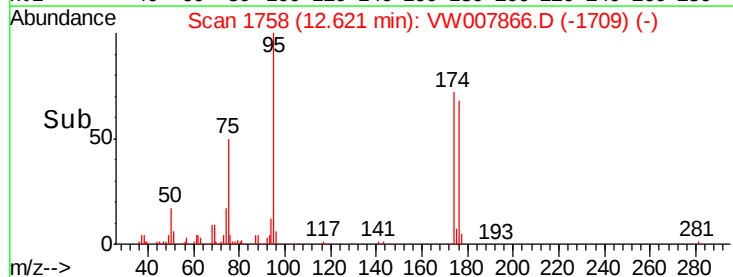
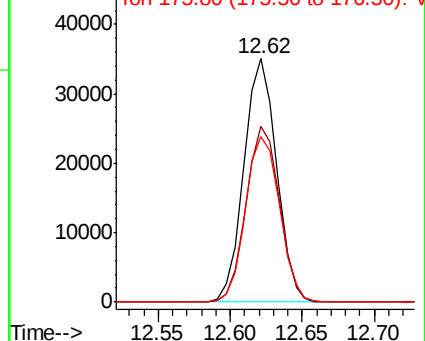
176 71.1 0.0 146.8

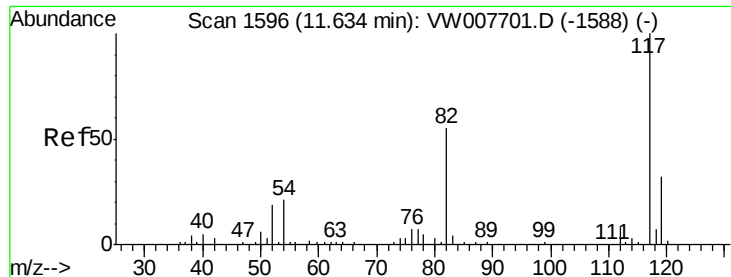


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

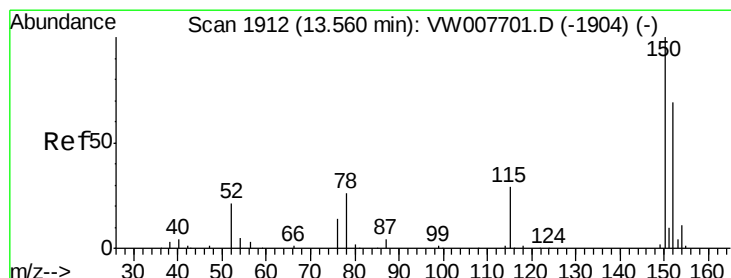
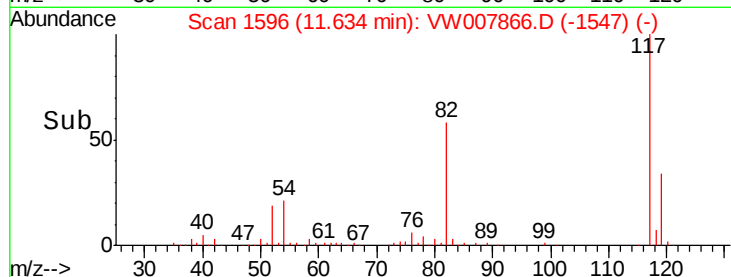
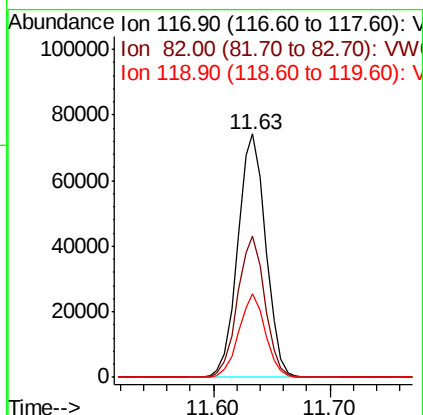
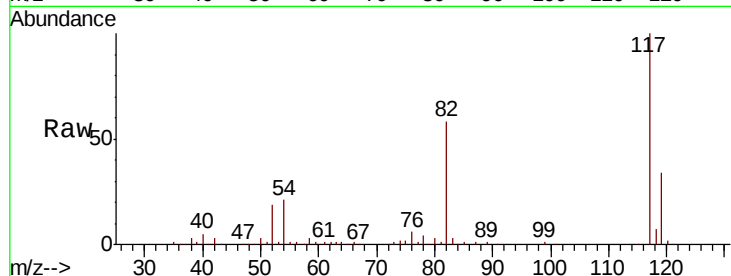




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.63 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: VW007866.D
 Acq: 23 Dec 2018 01:23

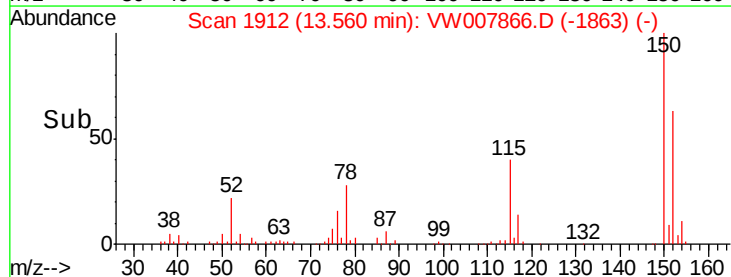
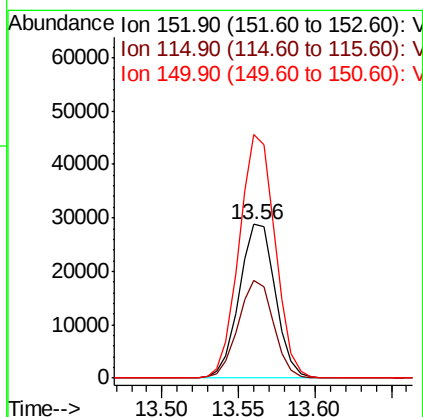
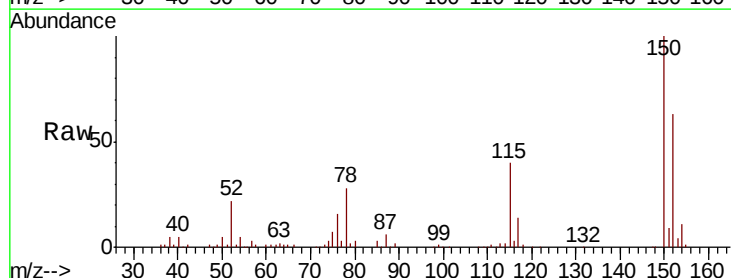
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-64(0-5)-GRAB

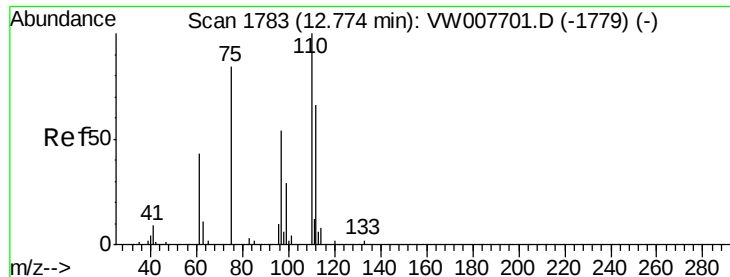
Tgt Ion:117 Resp: 124340
 Ion Ratio Lower Upper
 117 100
 82 58.1 44.3 66.5
 119 34.1 25.7 38.5



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW007866.D
 Acq: 23 Dec 2018 01:23

Tgt Ion:152 Resp: 47101
 Ion Ratio Lower Upper
 152 100
 115 62.3 31.8 95.4
 150 157.7 0.0 350.8





#76

1,2,3-Trichloropropane

Concen: 74.565 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007866.D

Acq: 23 Dec 2018 01:23

Instrument :

MSVOA_W

ClientSampleId :

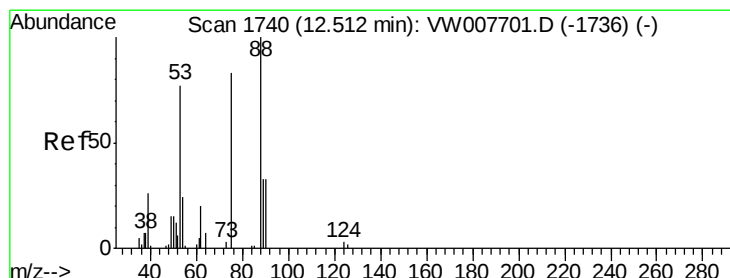
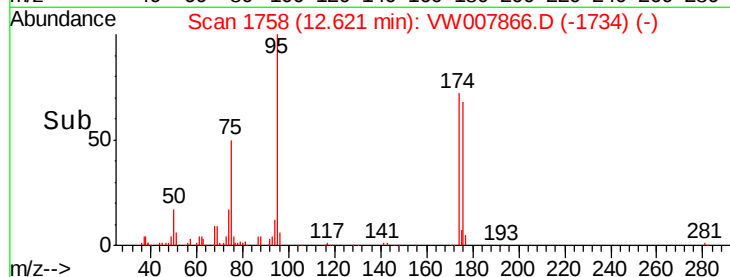
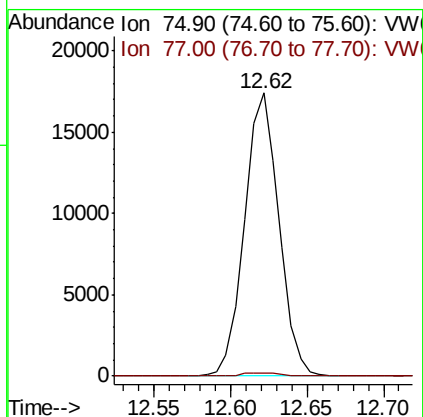
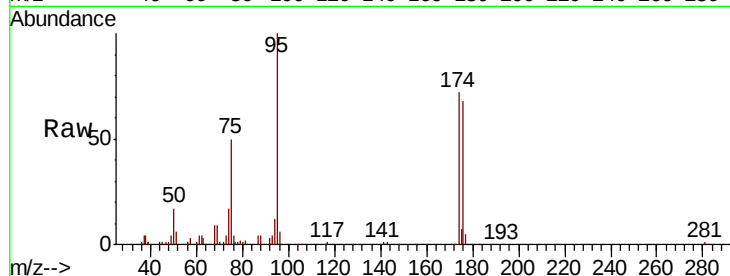
SB-64(0-5)-GRAB

Tgt Ion: 75 Resp: 27145

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 156.517 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW007866.D

Acq: 23 Dec 2018 01:23

Tgt Ion: 75 Resp: 27145

Ion Ratio Lower Upper

75 100

53 0.0 80.2 120.2#

89 0.0 39.2 58.8#

