

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010719\
 Data File : VW008063.D
 Acq On : 07 Jan 2019 12:15
 Operator : SY/AP
 Sample : VW0107SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0107SBL01

Quant Time: Jan 08 03:41:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 05:03:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	70841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	115216	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	97536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	42885	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	40106	51.19	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.38%	
35) Dibromofluoromethane	7.88	113	35693	49.14	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.28%	
50) Toluene-d8	10.32	98	135021	49.56	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.12%	
62) 4-Bromofluorobenzene	12.62	95	48687	46.59	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.18%	

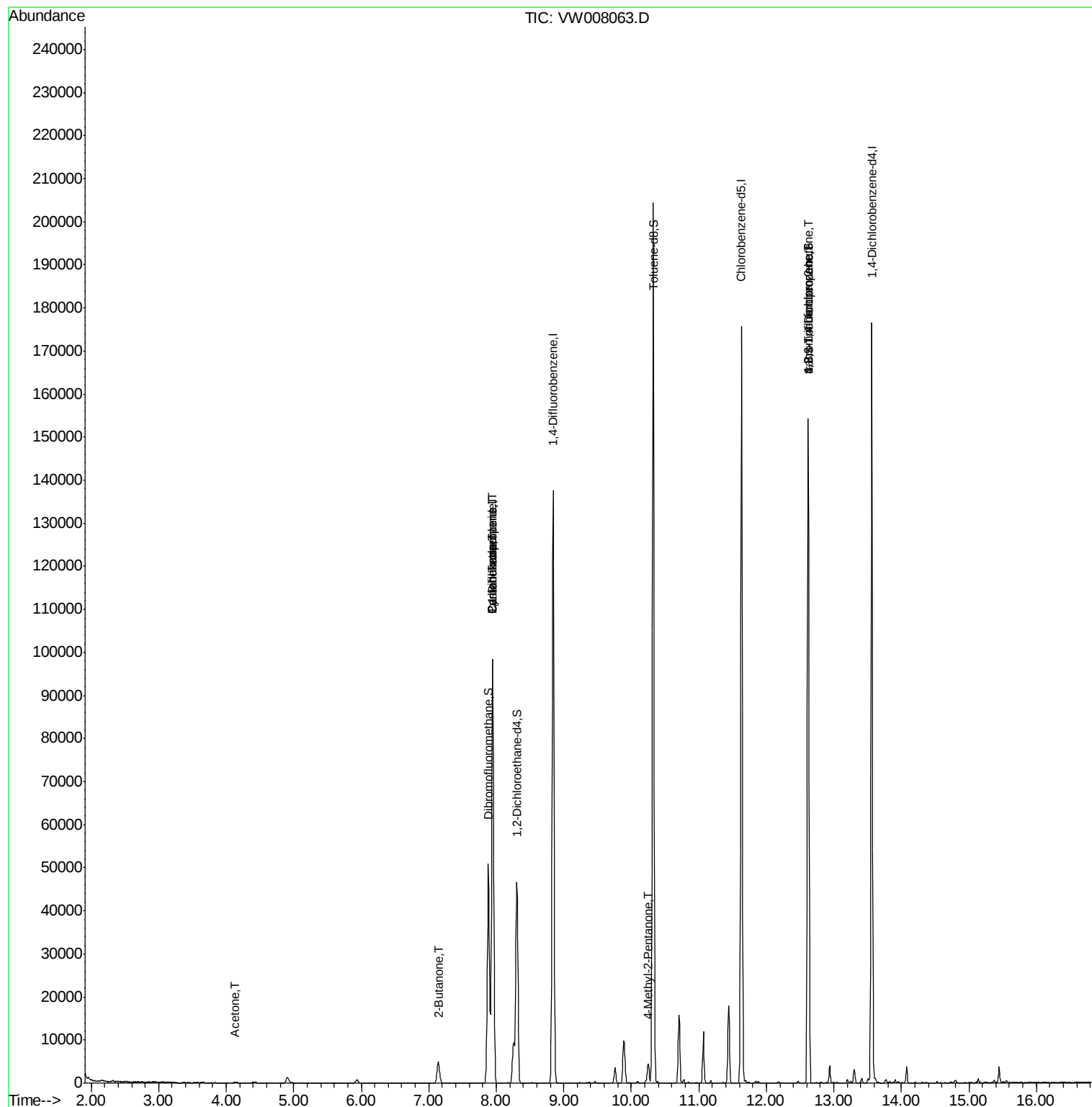
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	493	4.065	ug/l	98
20) Methylene Chloride	4.91	84	1086	Below Cal		93
25) 2-Butanone	7.15	43	215	1.504	ug/l #	45
31) Cyclohexane	7.95	56	1437	1.200	ug/l #	12
36) 1,1-Dichloropropene	7.95	75	5723	5.035	ug/l #	50
38) Carbon Tetrachloride	7.95	117	7629	5.601	ug/l #	16
51) 4-Methyl-2-Pentanone	10.25	43	895	2.834	ug/l #	78
76) 1,2,3-Trichloropropane	12.62	75	25568	74.942	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	25568	177.226	ug/l #	6

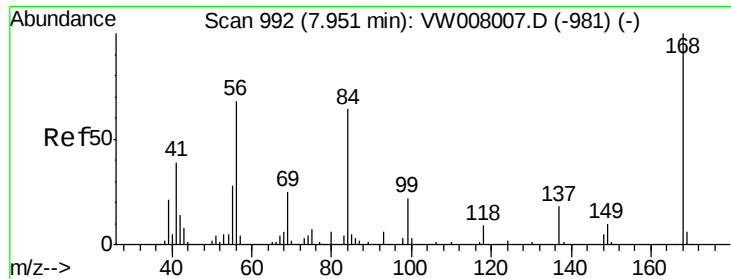
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010719\
Data File : VW008063.D
Acq On : 07 Jan 2019 12:15
Operator : SY/AP
Sample : VW0107SBL01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0107SBL01

Quant Time: Jan 08 03:41:56 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 03 05:03:55 2019
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: VW008063.D

Acq: 07 Jan 2019 12:15

Instrument :

MSVOA_W

ClientSampleId :

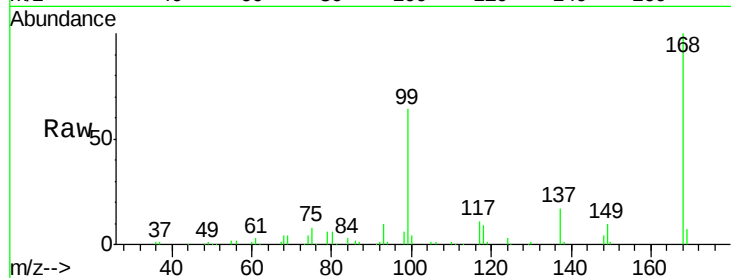
VW0107SBL01

Tot Ion:168 Resp: 70841

Ion Ratio Lower Upper

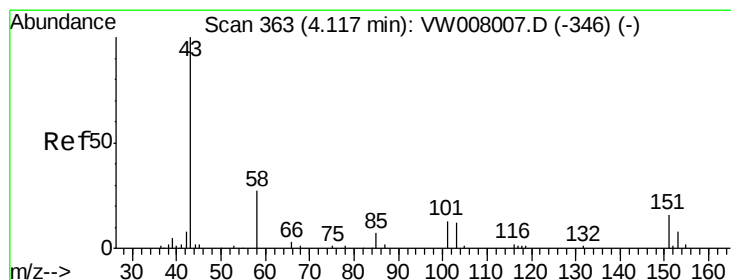
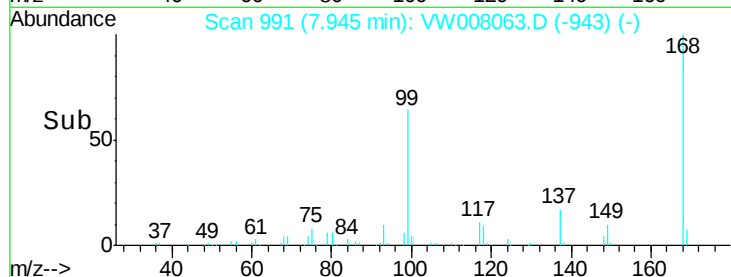
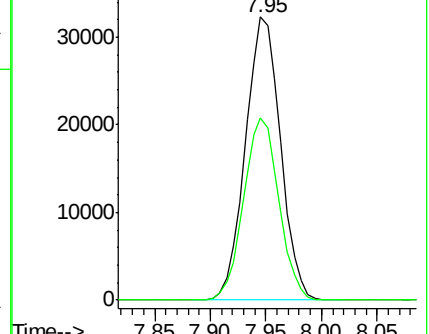
168 100

99 64.2 51.6 77.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 4.065 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008063.D

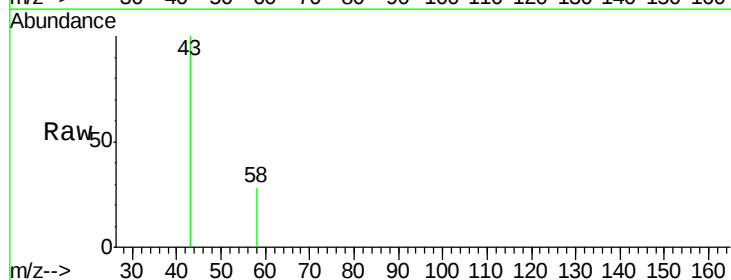
Acq: 07 Jan 2019 12:15

Tgt Ion: 43 Resp: 493

Ion Ratio Lower Upper

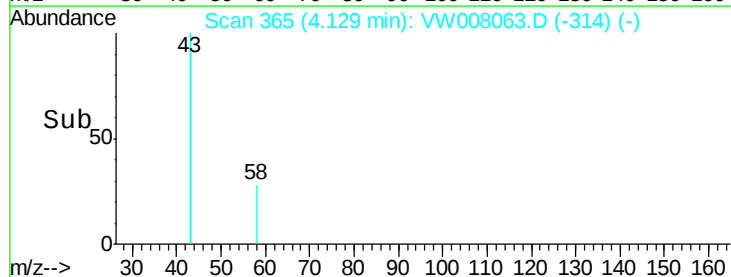
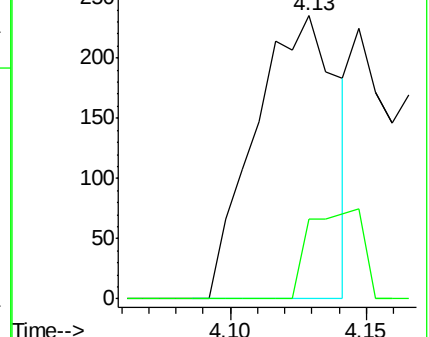
43 100

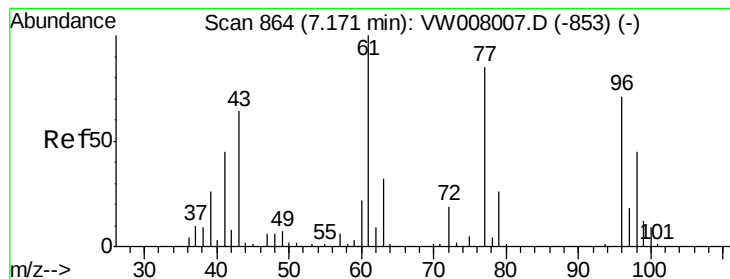
58 28.1 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#25

2-Butanone

Concen: 1.504 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW008063.D

Acq: 07 Jan 2019 12:15

Instrument :

MSVOA_W

ClientSampled :

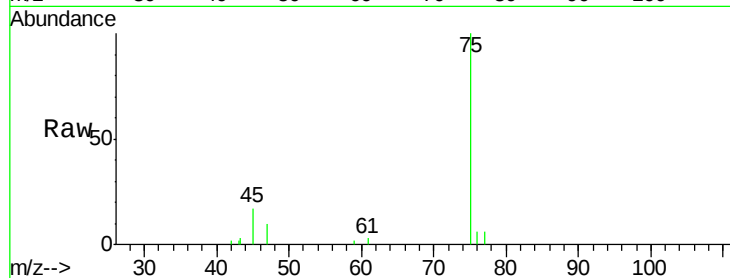
VW0107SBL01

Tot Ion: 43 Resp: 215

Ion Ratio Lower Upper

43 100

72 0.0 23.8 35.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.15

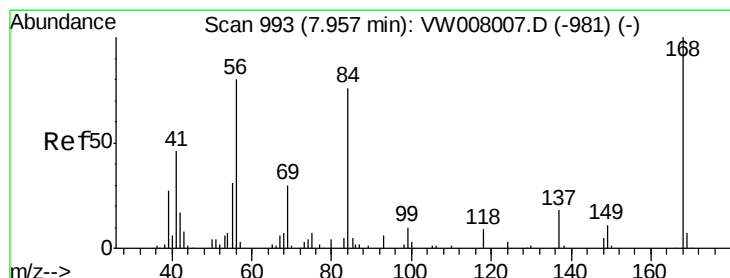
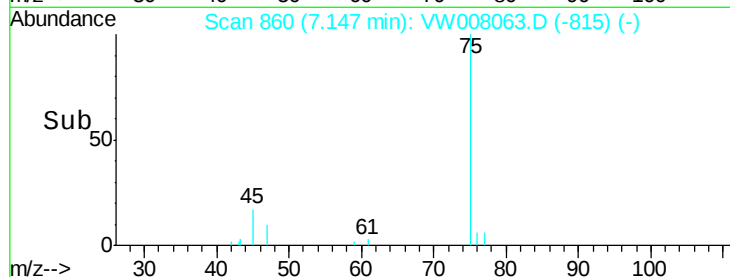
150

100

50

0

Time-->



#31

Cyclohexane

Concen: 1.200 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008063.D

Acq: 07 Jan 2019 12:15

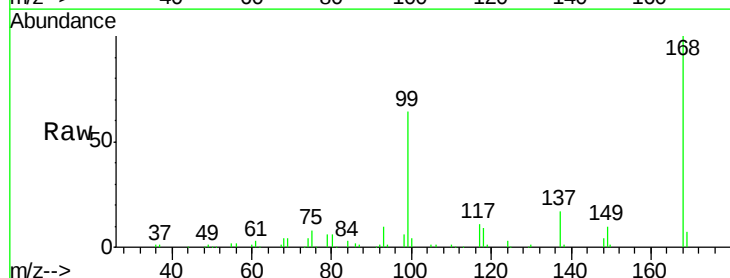
Tgt Ion: 56 Resp: 1437

Ion Ratio Lower Upper

56 100

69 166.8 29.8 44.6#

84 129.4 75.2 112.8#



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

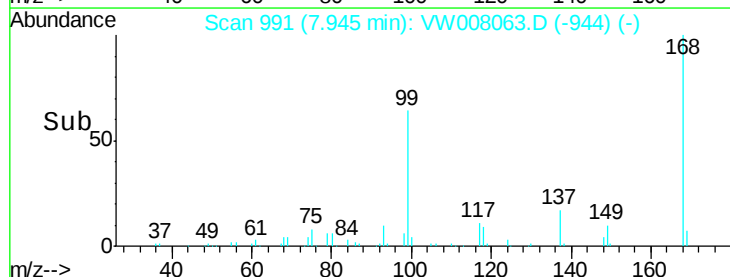
1500

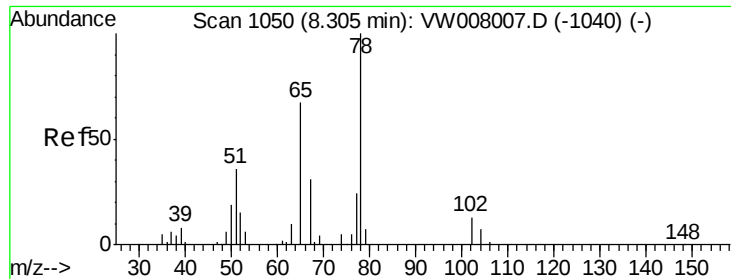
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 51.185 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008063.D

Acq: 07 Jan 2019 12:15

Instrument :

MSVOA_W

ClientSampleId :

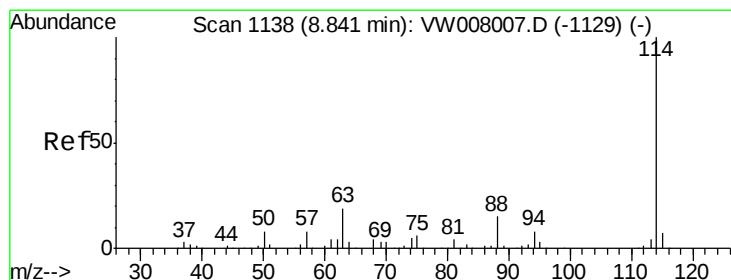
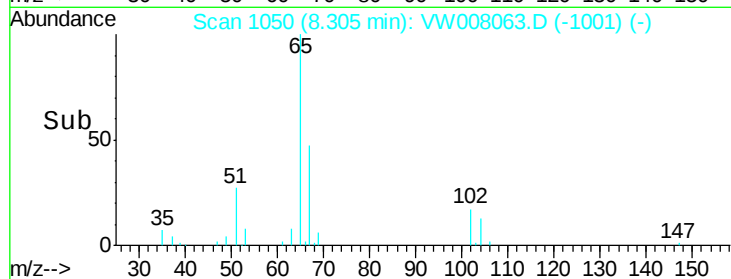
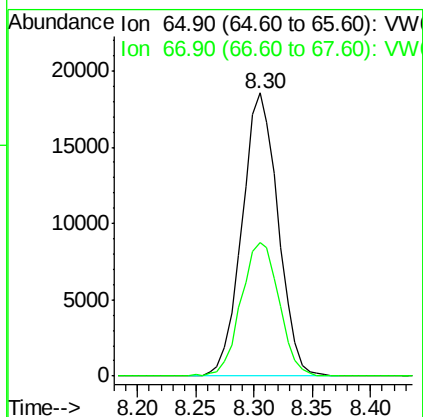
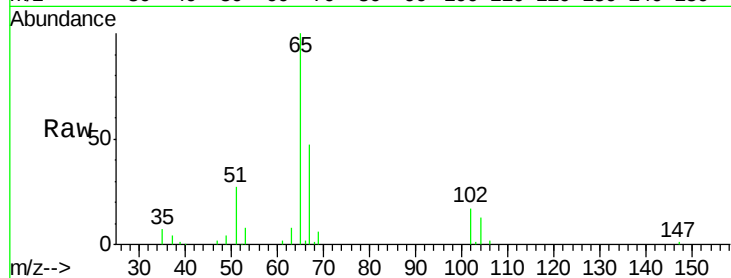
VW0107SBL01

Tot Ion: 65 Resp: 40106

Ion Ratio Lower Upper

65 100

67 49.8 0.0 94.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW008063.D

Acq: 07 Jan 2019 12:15

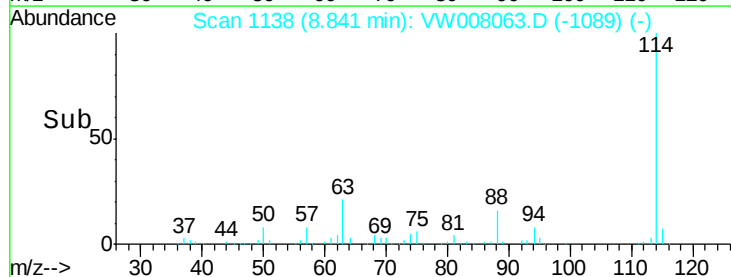
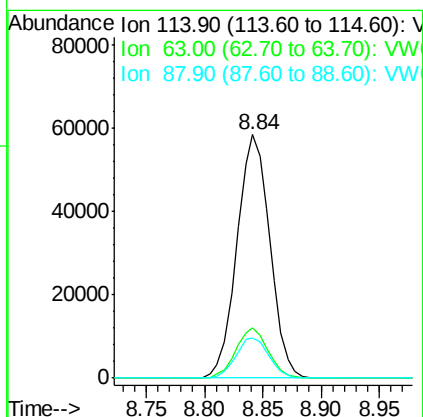
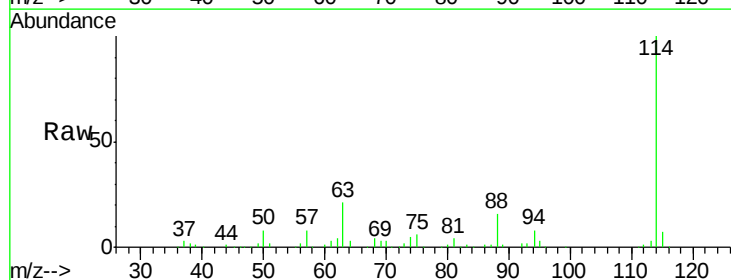
Tgt Ion: 114 Resp: 115216

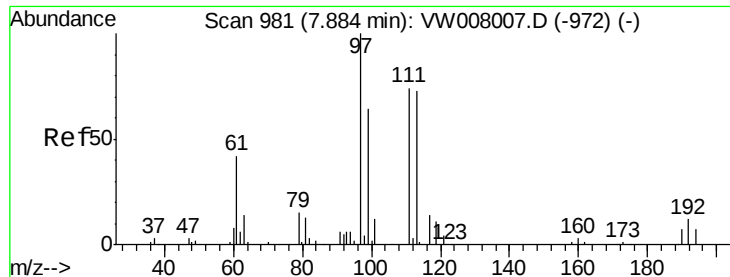
Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.8

88 16.3 0.0 31.0

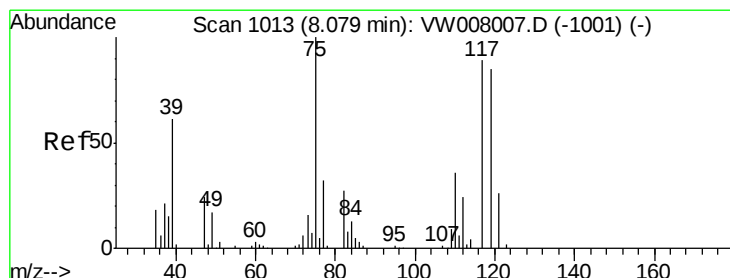
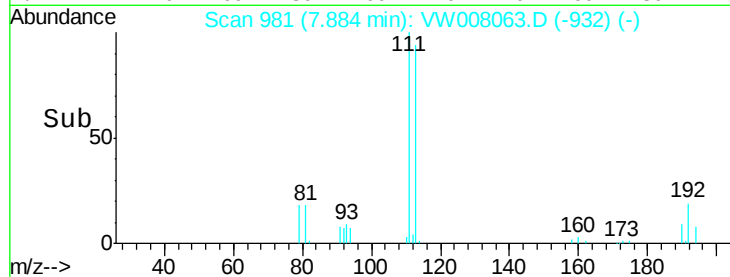
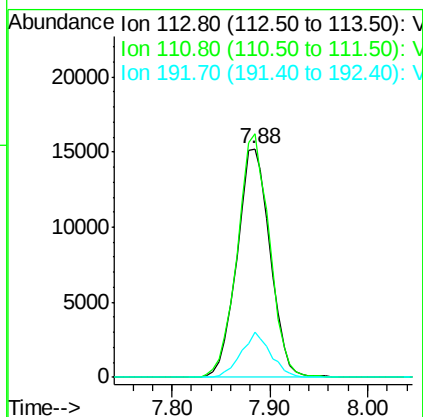
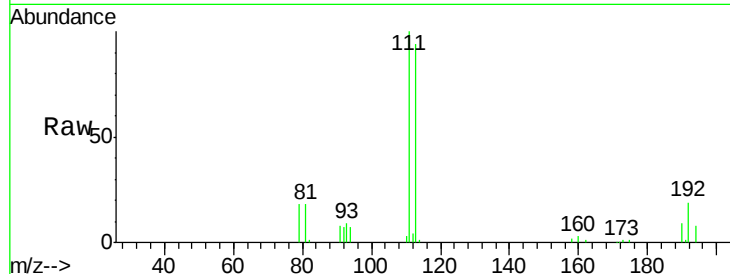




#35
 Dibromofluoromethane
 Concen: 49.142 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008063.D
 Acq: 07 Jan 2019 12:15

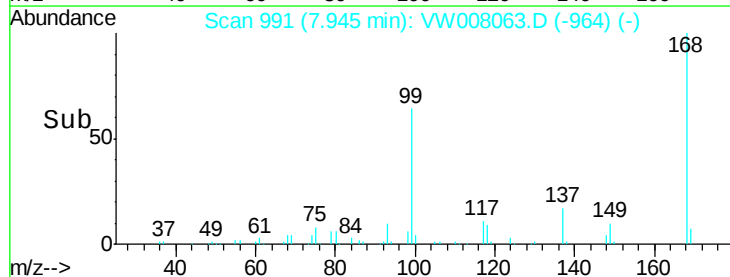
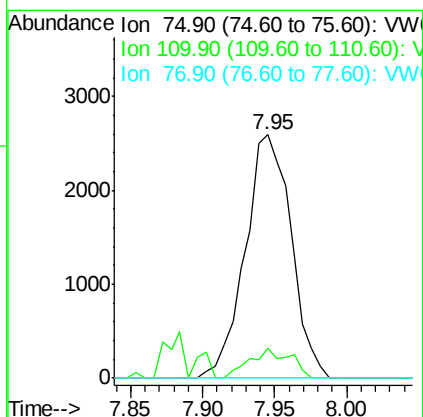
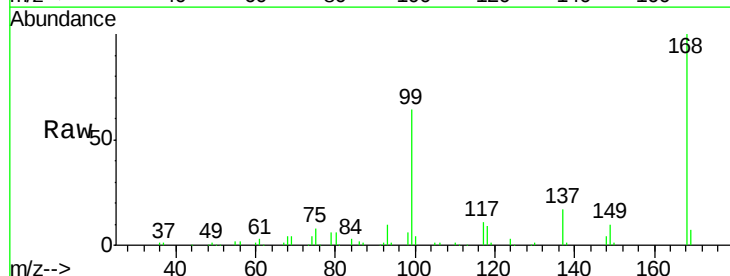
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0107SBL01

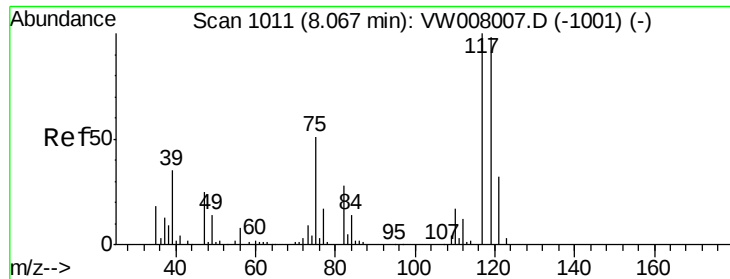
Tot Ion:113 Resp: 35693
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.4 122.0
 192 17.8 14.8 22.2



#36
 1,1-Dichloropropene
 Concen: 5.035 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008063.D
 Acq: 07 Jan 2019 12:15

Tgt Ion: 75 Resp: 5723
 Ion Ratio Lower Upper
 75 100
 110 10.7 18.1 54.3#
 77 0.0 25.3 37.9#

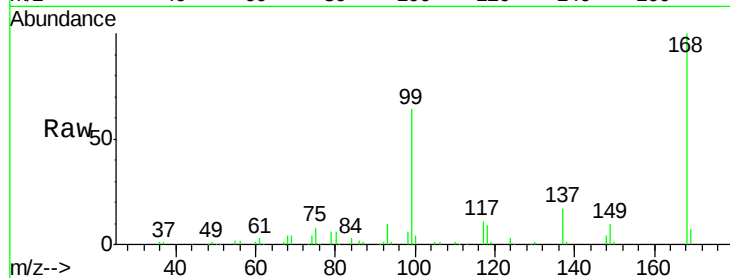




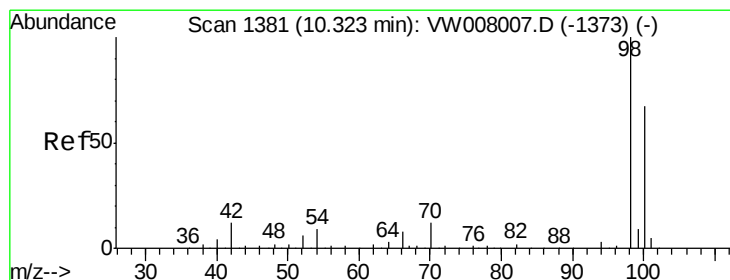
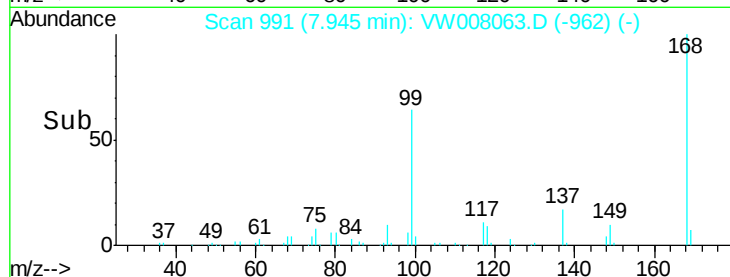
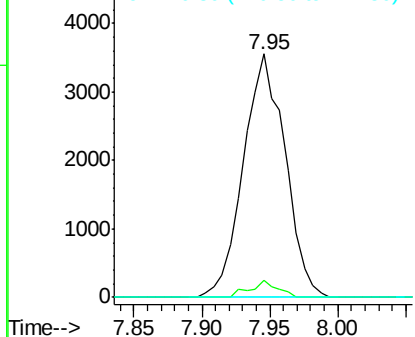
#38
Carbon Tetrachloride
Concen: 5.601 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW008063.D
Acq: 07 Jan 2019 12:15

Instrument :
MSVOA_W
ClientSampleId :
VW0107SBL01

Tot Ion:117 Resp: 7629
Ion Ratio Lower Upper
117 100
119 7.2 78.7 118.1#
121 0.0 25.8 38.8#

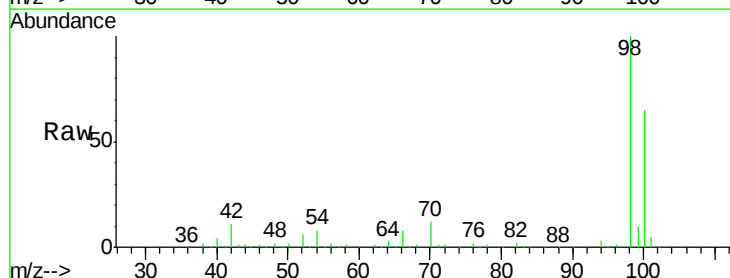


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

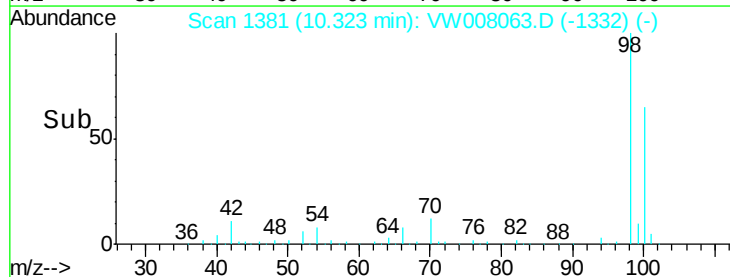
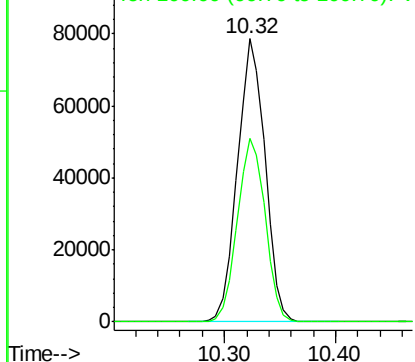


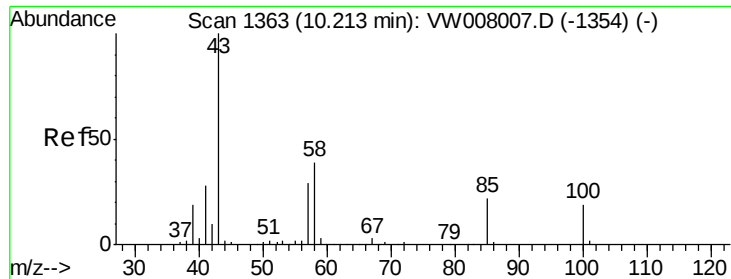
#50
Toluene-d8
Concen: 49.556 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008063.D
Acq: 07 Jan 2019 12:15

Tgt Ion: 98 Resp: 135021
Ion Ratio Lower Upper
98 100
100 65.3 52.9 79.3



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: 2.834 ug/l

RT: 10.25 min Scan# 1369

Delta R.T. 0.04 min

Lab File: VW008063.D

Acq: 07 Jan 2019 12:15

Instrument :

MSVOA_W

ClientSampleId :

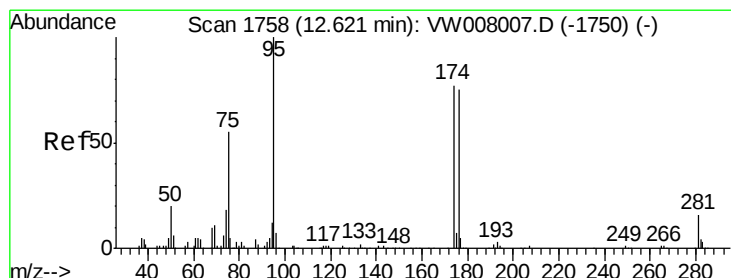
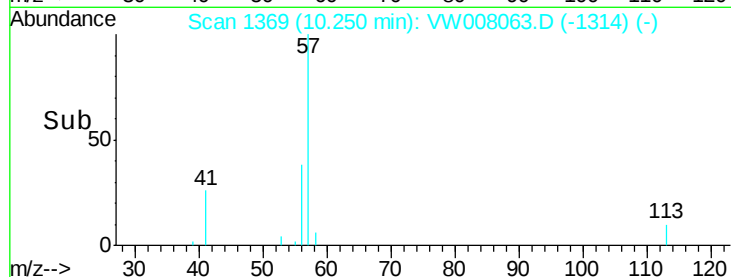
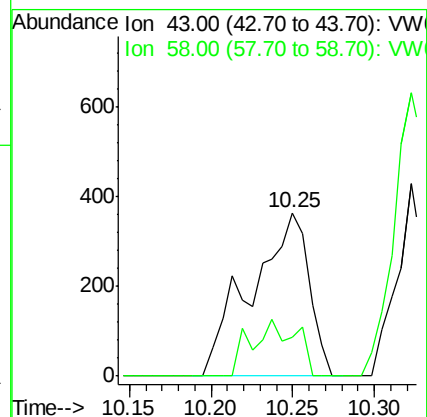
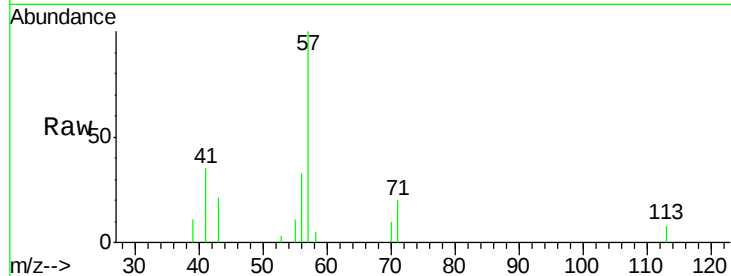
VW0107SBL01

Tot Ion: 43 Resp: 895

Ion Ratio Lower Upper

43 100

58 26.4 32.0 48.0#



#62

4-Bromofluorobenzene

Concen: 46.594 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008063.D

Acq: 07 Jan 2019 12:15

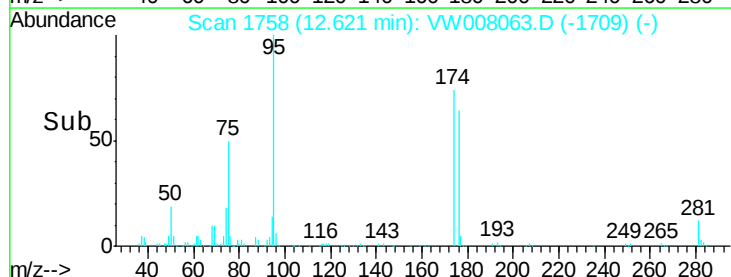
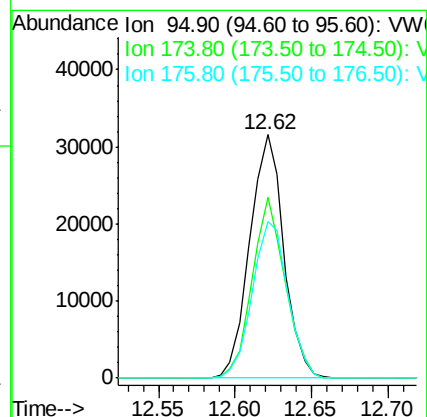
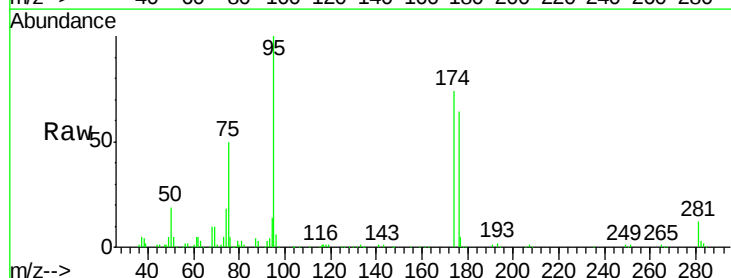
Tgt Ion: 95 Resp: 48687

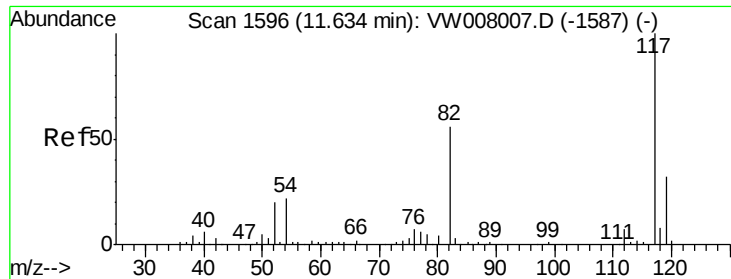
Ion Ratio Lower Upper

95 100

174 71.8 0.0 149.6

176 67.6 0.0 145.4

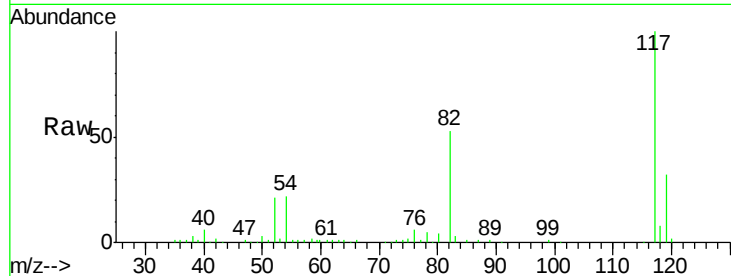




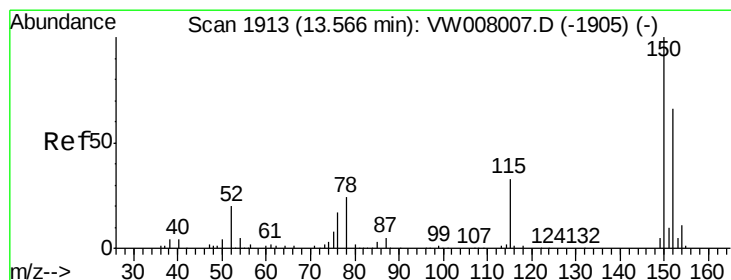
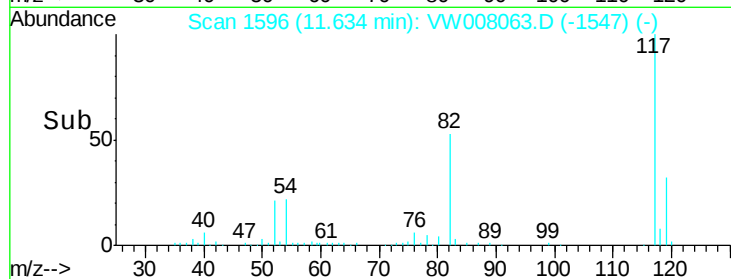
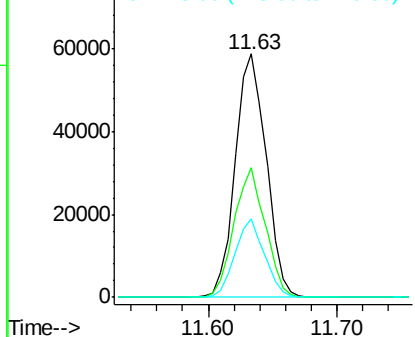
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008063.D
Acq: 07 Jan 2019 12:15

Instrument :
MSVOA_W
ClientSampleId :
VW0107SBL01

Tot Ion:117 Resp: 97536
Ion Ratio Lower Upper
117 100
82 53.1 44.8 67.2
119 32.4 25.6 38.4

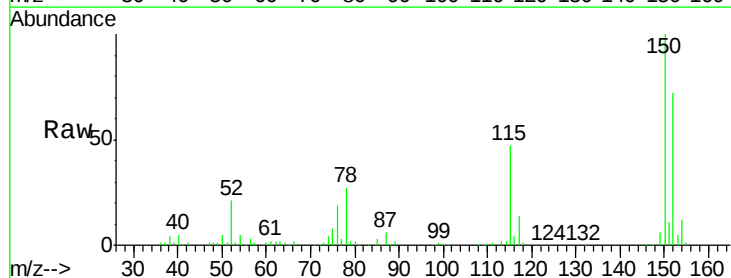


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

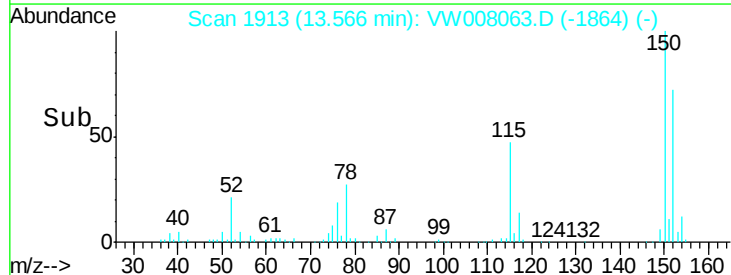
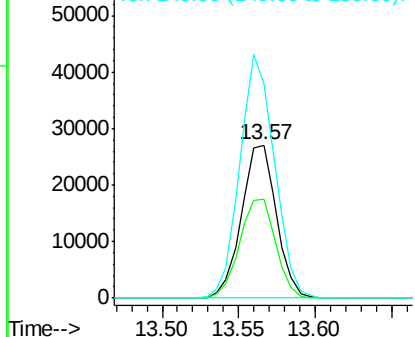


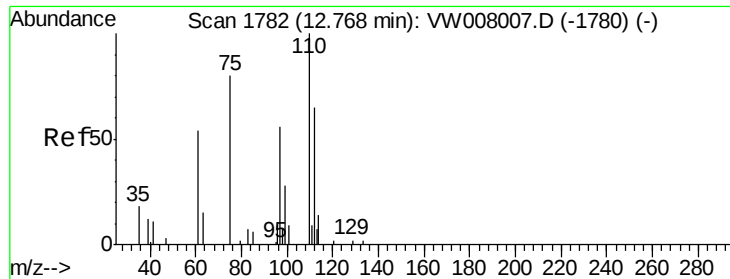
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW008063.D
Acq: 07 Jan 2019 12:15

Tgt Ion:152 Resp: 42885
Ion Ratio Lower Upper
152 100
115 66.9 32.1 96.5
150 157.9 0.0 345.0



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: 74.942 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008063.D

Acq: 07 Jan 2019 12:15

Instrument :

MSVOA_W

ClientSampleId :

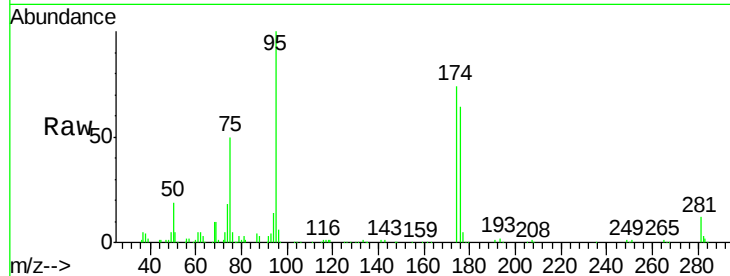
VW0107SBL01

Tot Ion: 75 Resp: 25568

Ion Ratio Lower Upper

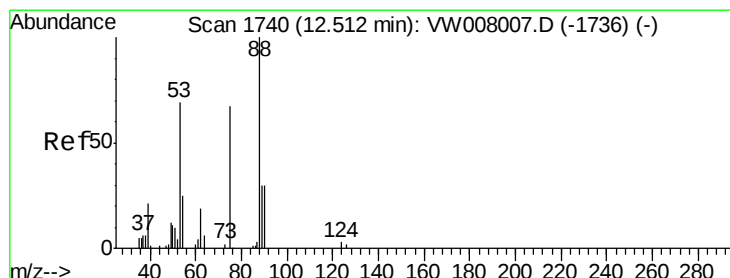
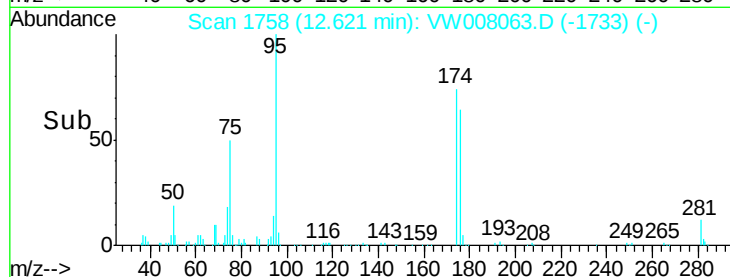
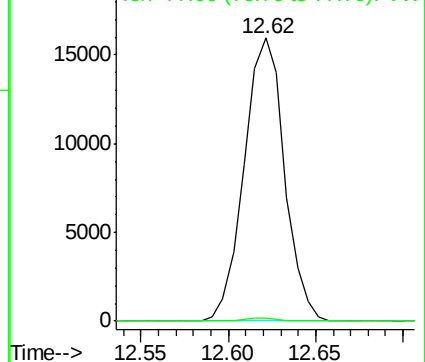
75 100

77 0.9 186.2 558.6#



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: 177.226 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008063.D

Acq: 07 Jan 2019 12:15

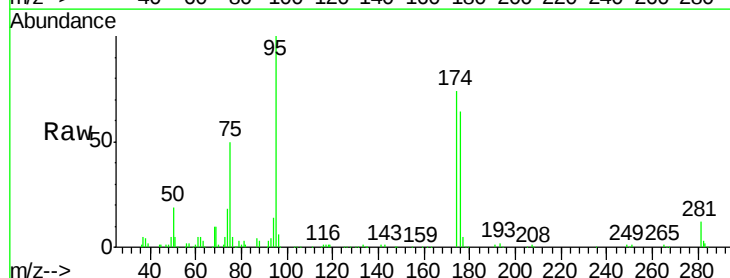
Tgt Ion: 75 Resp: 25568

Ion Ratio Lower Upper

75 100

53 0.0 87.6 131.4#

89 0.0 42.2 63.2#



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

