

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010319\
 Data File : VW008013.D
 Acq On : 03 Jan 2019 11:41
 Operator : SY/AP
 Sample : VW0103SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0103SBL01

Quant Time: Jan 04 00:29:36 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	64265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	105478	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	94227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	45771	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	38162	53.69	ug/l	0.00
Spiked Amount 50.000			Recovery =	107.38%		
35) Dibromofluoromethane	7.88	113	33128	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.64%		
50) Toluene-d8	10.32	98	124086	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.50%		
62) 4-Bromofluorobenzene	12.62	95	46595	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.42%		

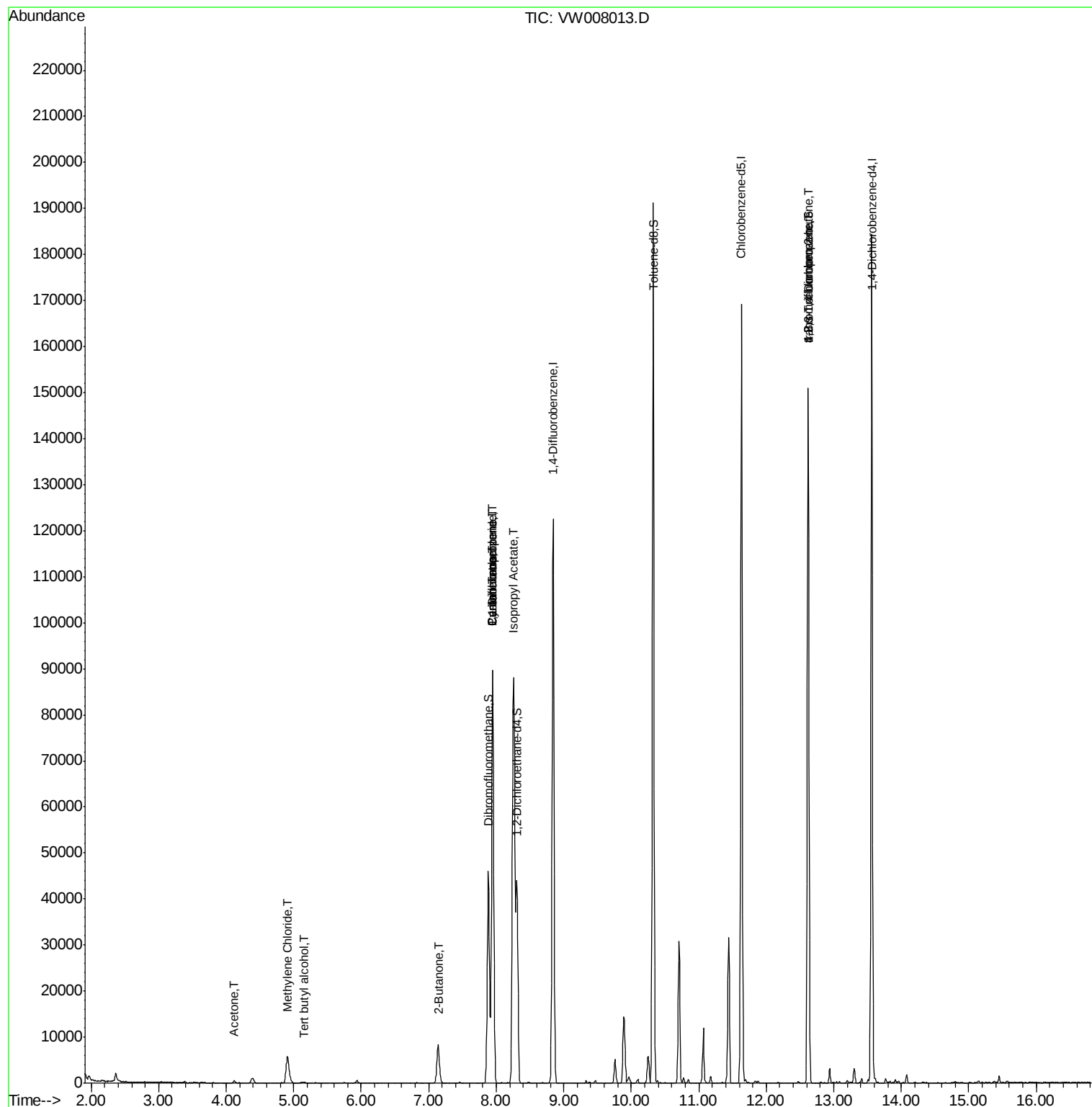
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.16	59	245	5.305	ug/l #	71
16) Acetone	4.12	43	921	8.370	ug/l #	86
20) Methylene Chloride	4.90	84	4746	4.848	ug/l	94
25) 2-Butanone	7.16	43	199	1.535	ug/l #	45
31) Cyclohexane	7.95	56	1586	1.460	ug/l #	22
36) 1,1-Dichloropropene	7.95	75	5077	4.879	ug/l #	49
38) Carbon Tetrachloride	7.95	117	7214	5.785	ug/l #	15
43) Isopropyl Acetate	8.25	43	2029	3.249	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	25074	68.860	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	25074	162.843	ug/l #	6

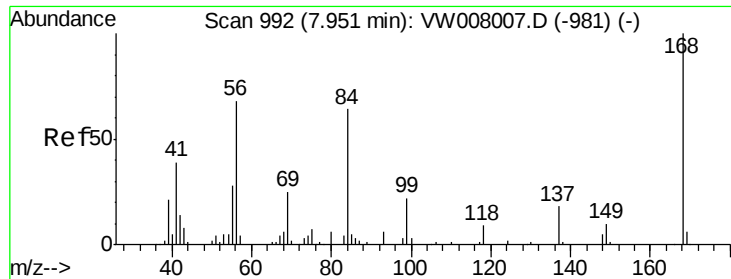
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010319\
Data File : VW008013.D
Acq On : 03 Jan 2019 11:41
Operator : SY/AP
Sample : VW0103SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0103SBL01

Quant Time: Jan 04 00:29:36 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: VW008013.D

Acq: 03 Jan 2019 11:41

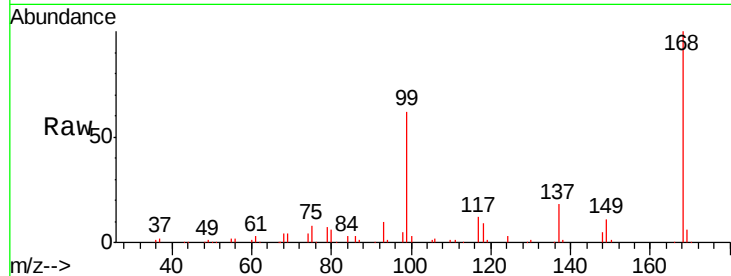
Instrument :
MSVOA_W
ClientSampleId :
VW0103SBL01

Tgt Ion: 168 Resp: 64265

Ion Ratio Lower Upper

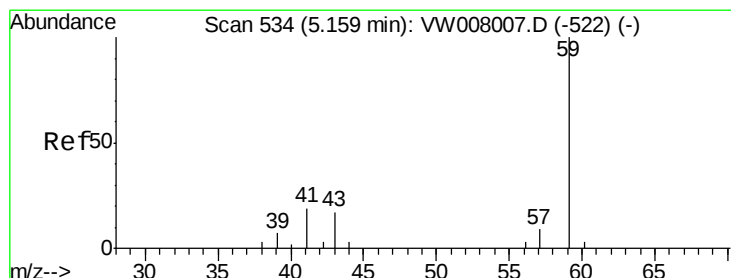
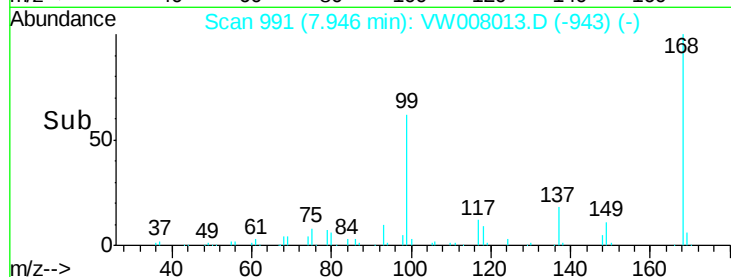
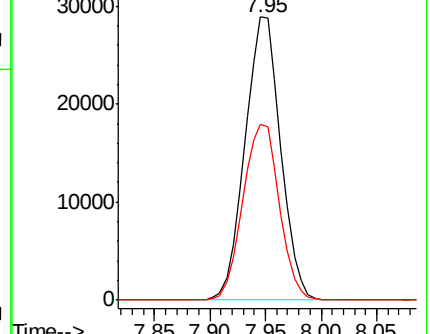
168 100

99 62.0 51.6 77.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 5.305 ug/l

RT: 5.16 min Scan# 534

Delta R.T. 0.00 min

Lab File: VW008013.D

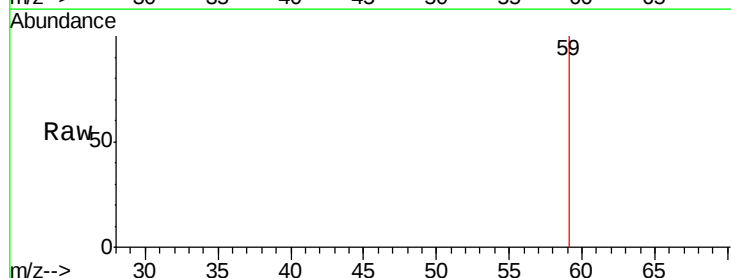
Acq: 03 Jan 2019 11:41

Tgt Ion: 59 Resp: 245

Ion Ratio Lower Upper

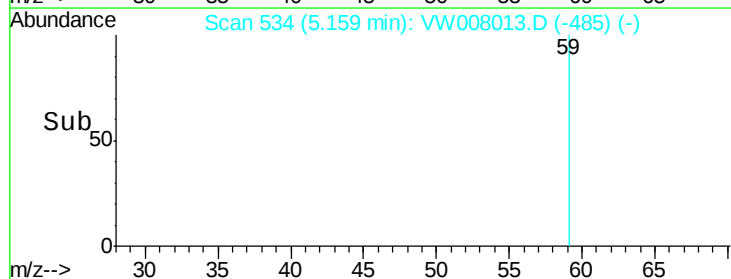
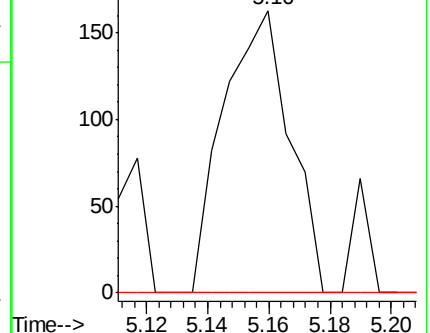
59 100

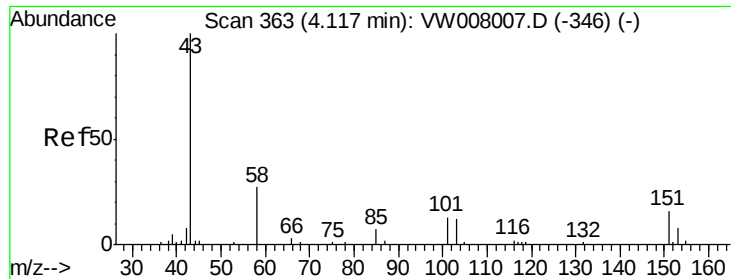
57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

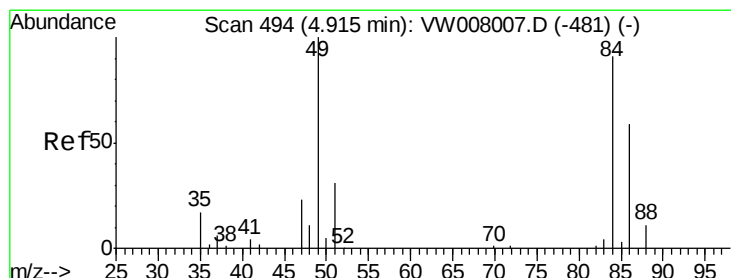
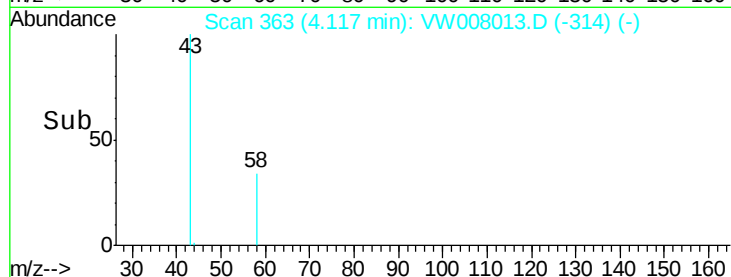
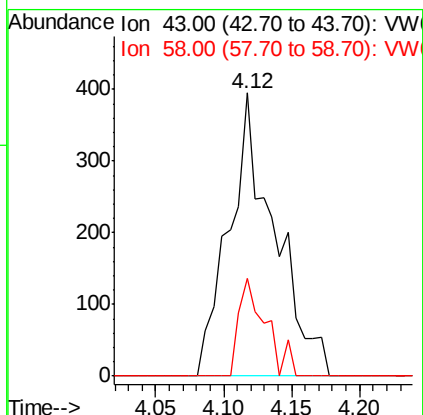
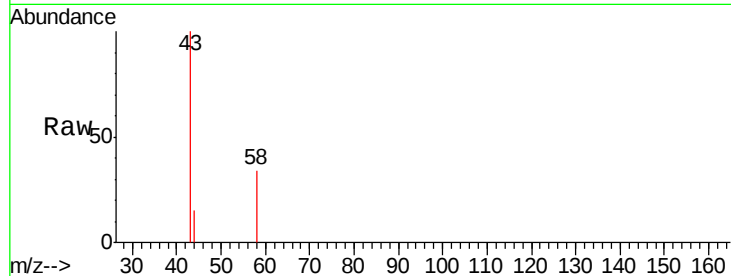




#16
Acetone
Concen: 8.370 ug/l
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW008013.D
Acq: 03 Jan 2019 11:41

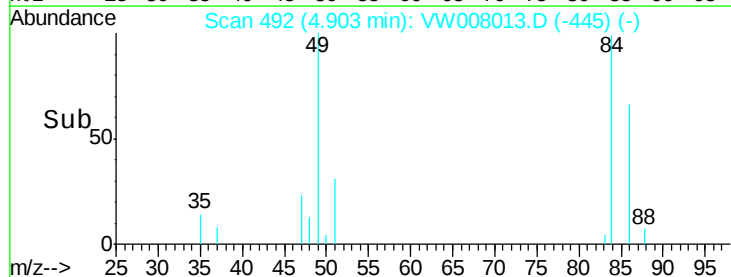
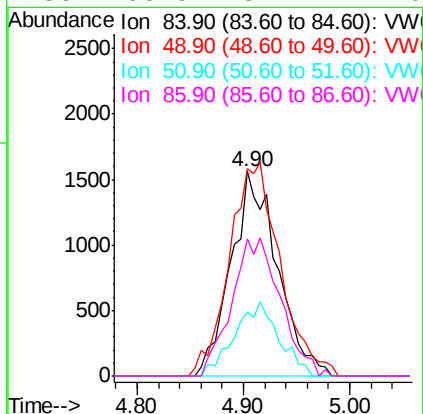
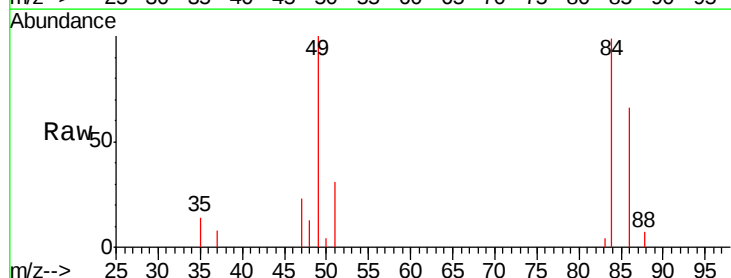
Instrument :
MSVOA_W
ClientSampleId :
VW0103SBL01

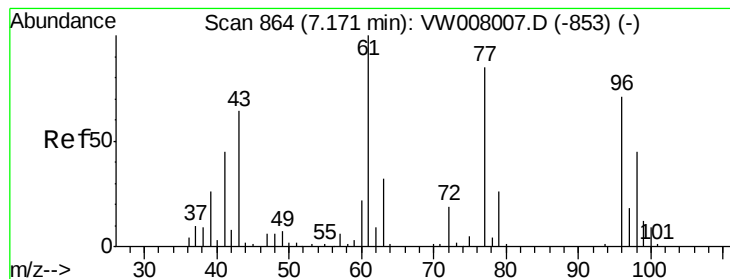
Tgt Ion: 43 Resp: 921
Ion Ratio Lower Upper
43 100
58 34.4 21.7 32.5#



#20
Methylene Chloride
Concen: 4.848 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008013.D
Acq: 03 Jan 2019 11:41

Tgt Ion: 84 Resp: 4746
Ion Ratio Lower Upper
84 100
49 101.4 87.7 131.5
51 31.1 27.3 40.9
86 66.9 51.4 77.0





#25

2-Butanone

Concen: 1.535 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008013.D

Acq: 03 Jan 2019 11:41

Instrument :

MSVOA_W

ClientSampleId :

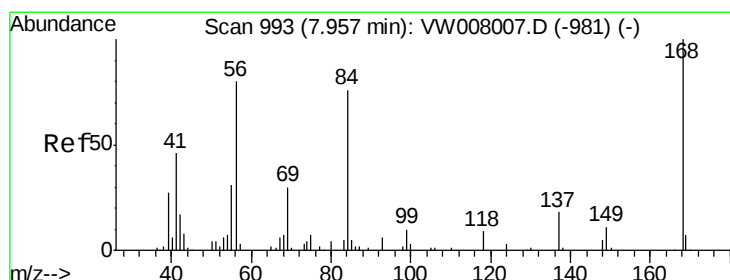
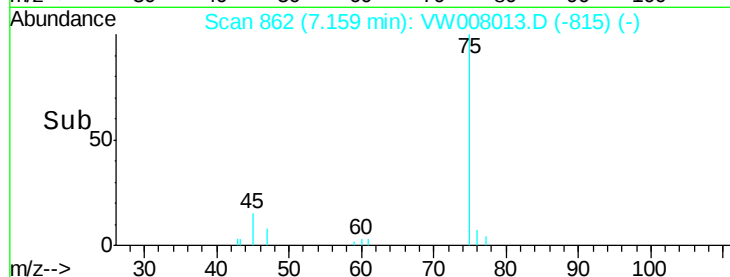
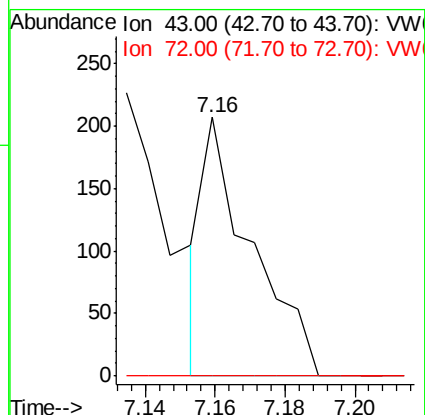
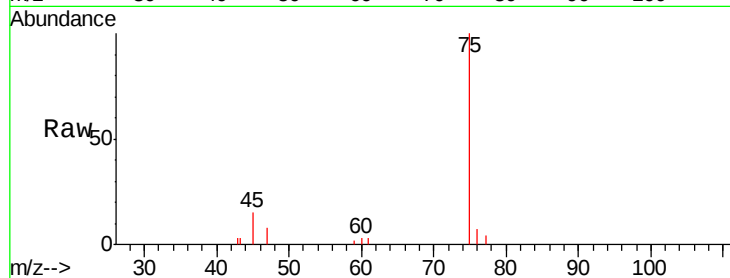
VW0103SBL01

Tgt Ion: 43 Resp: 199

Ion Ratio Lower Upper

43 100

72 0.0 23.8 35.8#



#31

Cyclohexane

Concen: 1.460 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008013.D

Acq: 03 Jan 2019 11:41

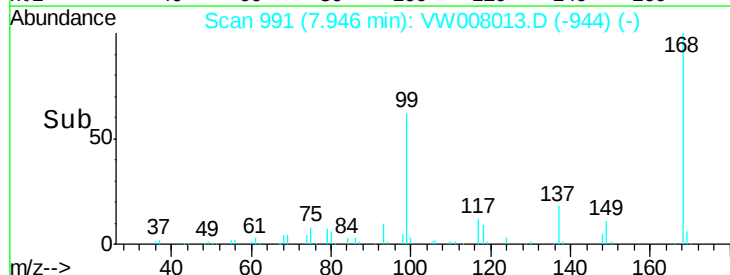
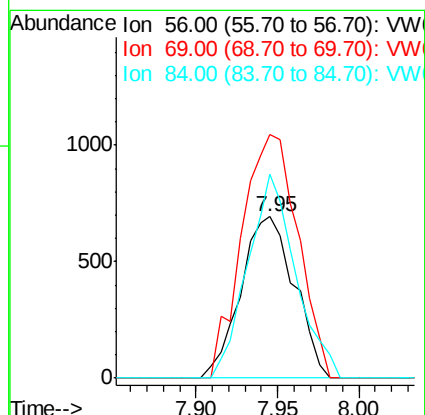
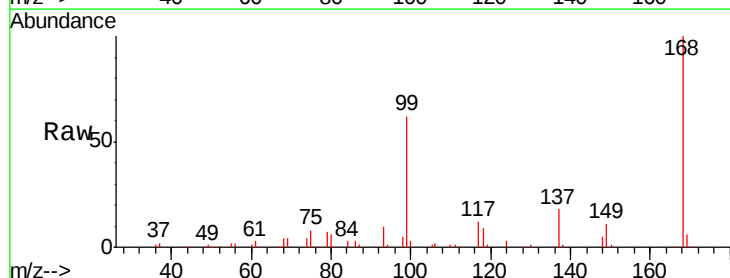
Tgt Ion: 56 Resp: 1586

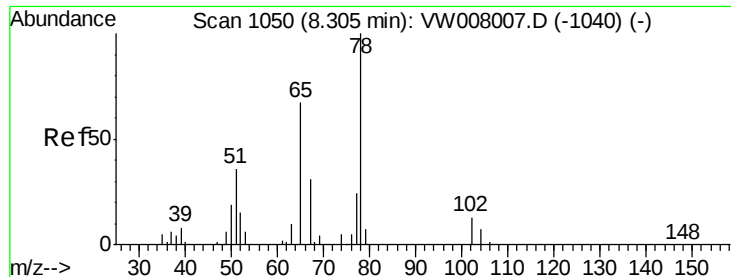
Ion Ratio Lower Upper

56 100

69 150.8 29.8 44.6#

84 126.1 75.2 112.8#





#33

1,2-Dichloroethane-d4

Concen: 53.688 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008013.D

Acq: 03 Jan 2019 11:41

Instrument :

MSVOA_W

ClientSampleId :

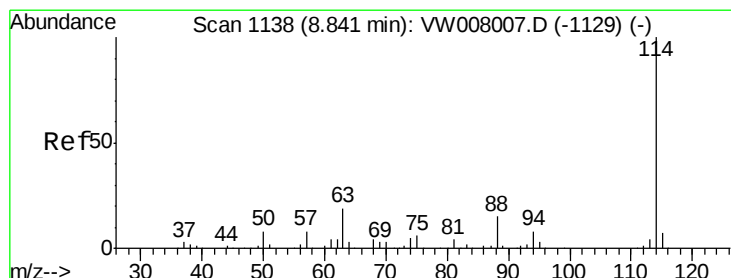
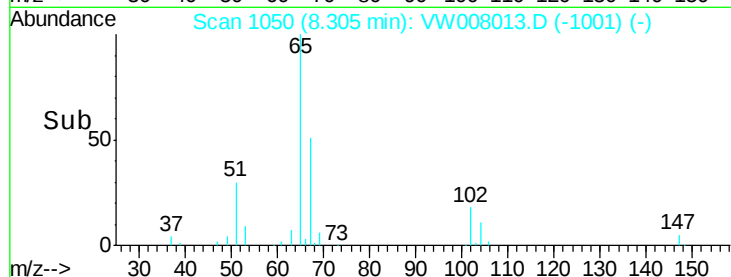
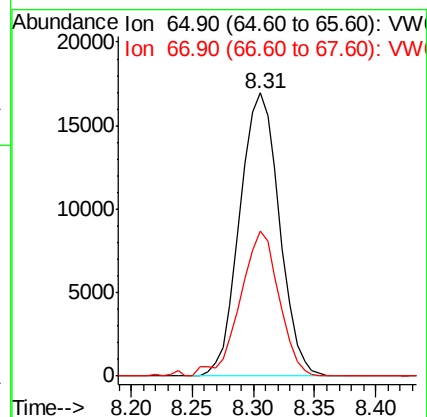
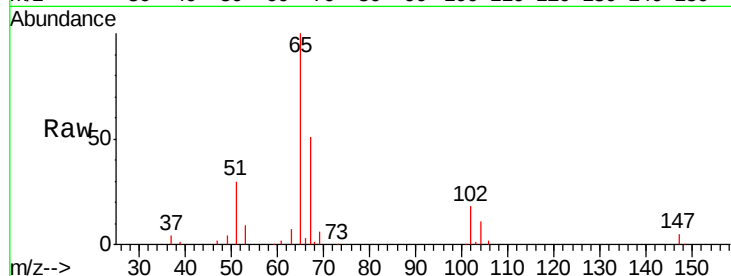
VW0103SBL01

Tgt Ion: 65 Resp: 38162

Ion Ratio Lower Upper

65 100

67 50.1 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: VW008013.D

Acq: 03 Jan 2019 11:41

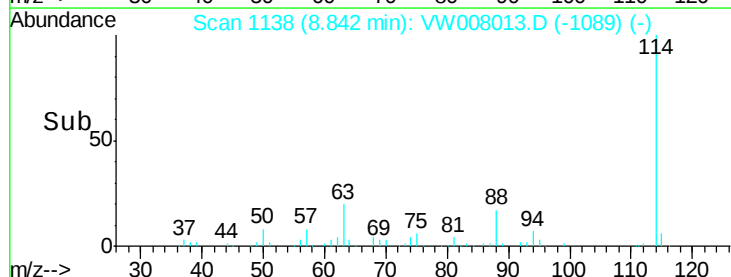
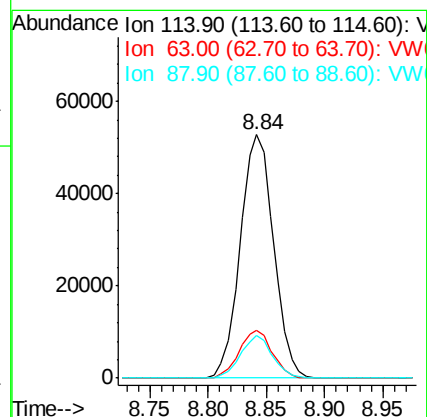
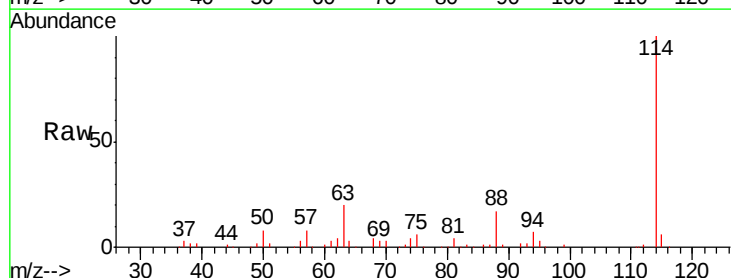
Tgt Ion: 114 Resp: 105478

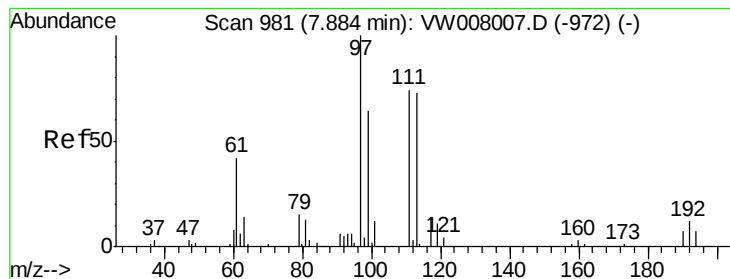
Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.8

88 17.4 0.0 31.0





#35

Dibromofluoromethane

Concen: 49.821 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008013.D

Acq: 03 Jan 2019 11:41

Instrument :

MSVOA_W

ClientSampleId :

VW0103SBL01

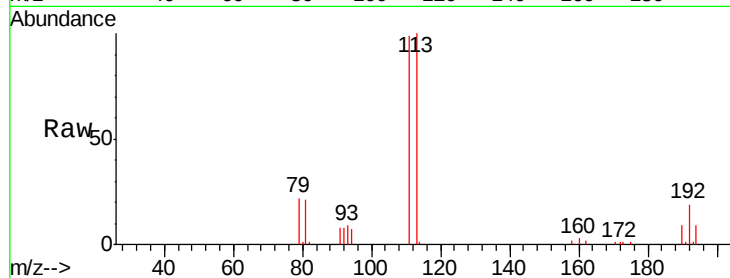
Tgt Ion:113 Resp: 33128

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

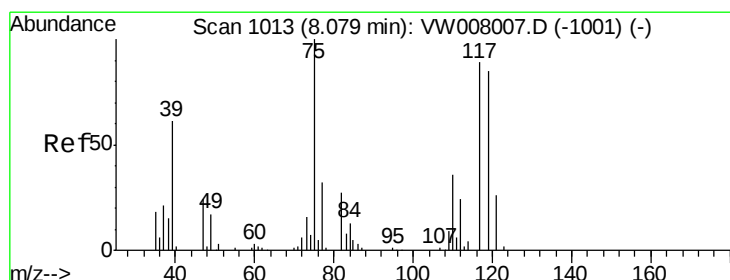
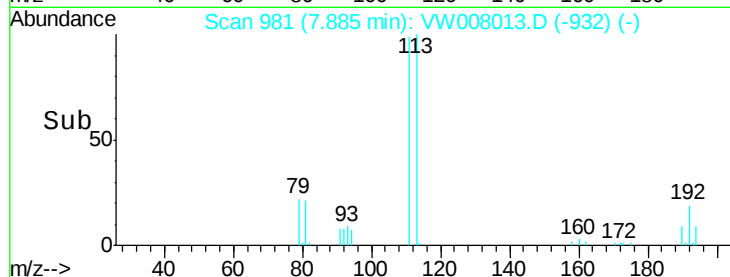
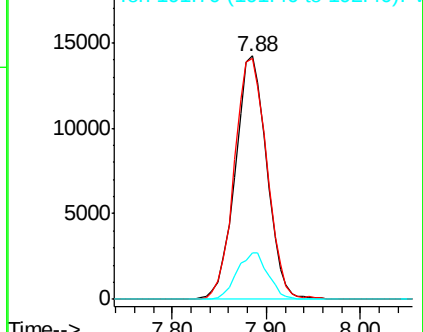
192 18.6 14.8 22.2



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: 4.879 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW008013.D

Acq: 03 Jan 2019 11:41

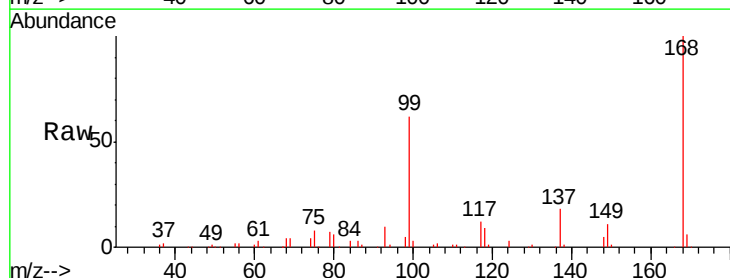
Tgt Ion: 75 Resp: 5077

Ion Ratio Lower Upper

75 100

110 9.4 18.1 54.3#

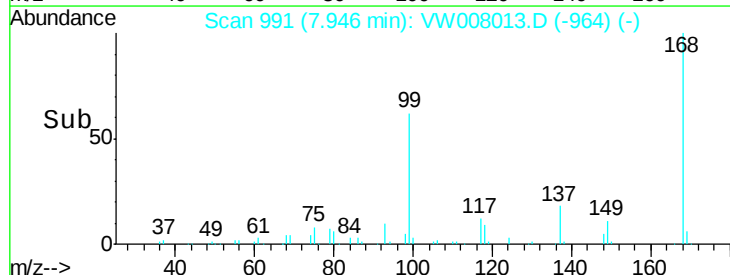
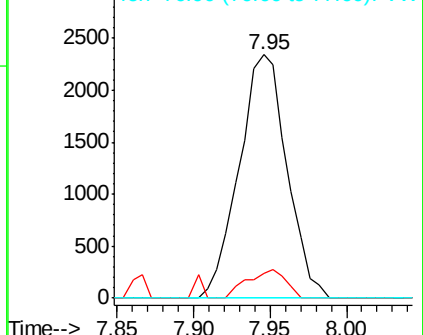
77 0.0 25.3 37.9#

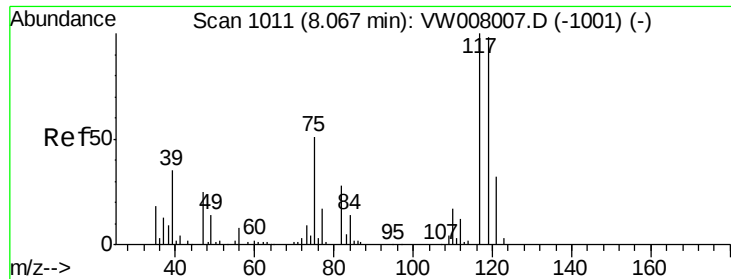


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

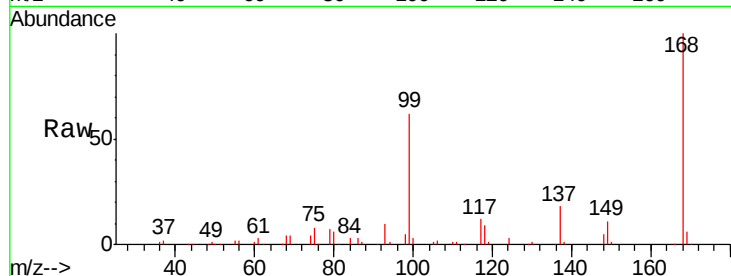




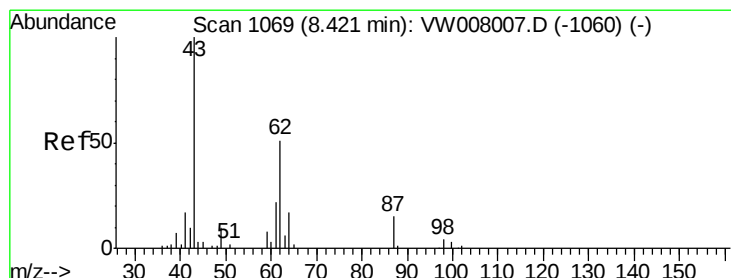
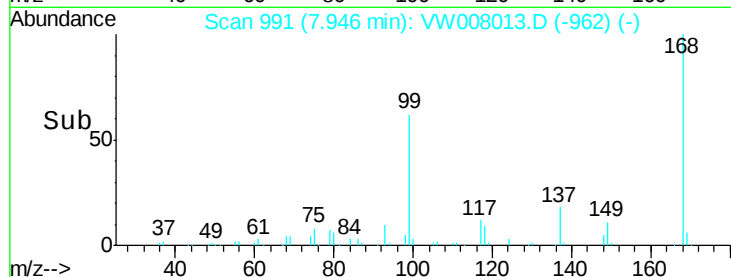
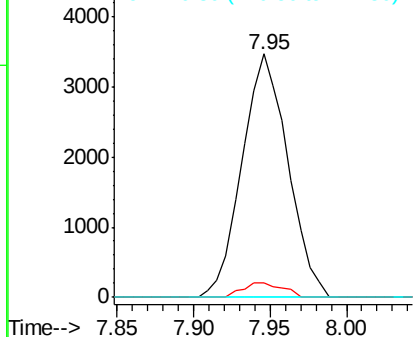
#38
Carbon Tetrachloride
Concen: 5.785 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW008013.D
Acq: 03 Jan 2019 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW0103SBL01

Tgt Ion: 117 Resp: 7214
Ion Ratio Lower Upper
117 100
119 5.8 78.7 118.1#
121 0.0 25.8 38.8#

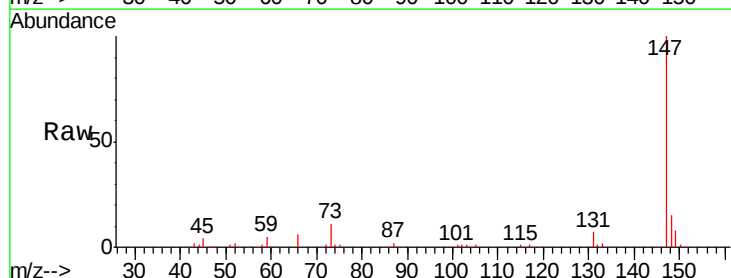


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

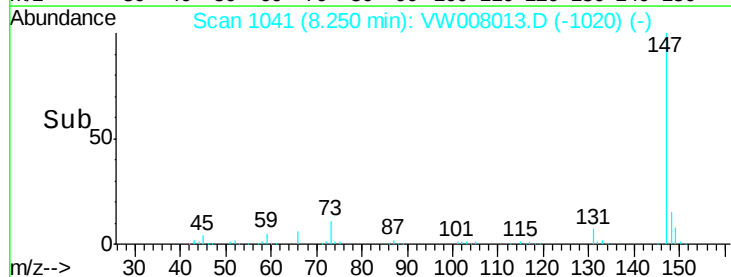
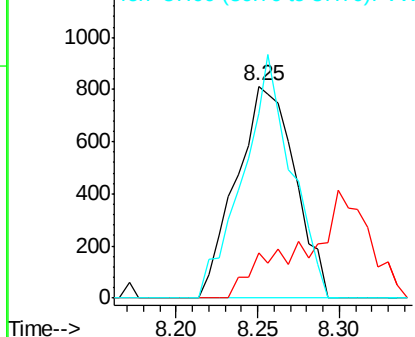


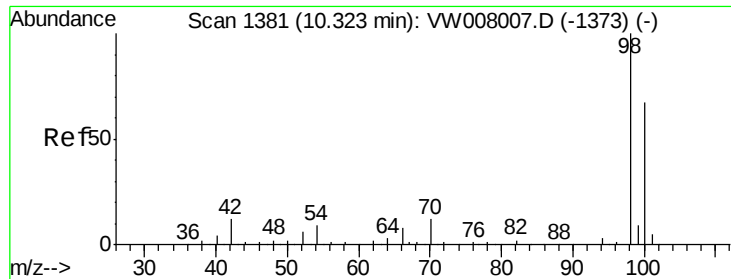
#43
Isopropyl Acetate
Concen: 3.249 ug/l
RT: 8.25 min Scan# 1041
Delta R.T. -0.17 min
Lab File: VW008013.D
Acq: 03 Jan 2019 11:41

Tgt Ion: 43 Resp: 2029
Ion Ratio Lower Upper
43 100
61 0.0 26.4 39.6#
87 94.6 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW

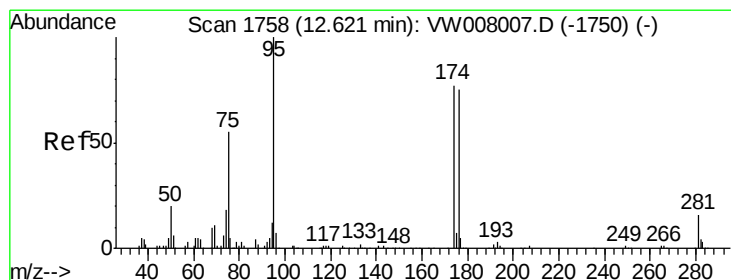
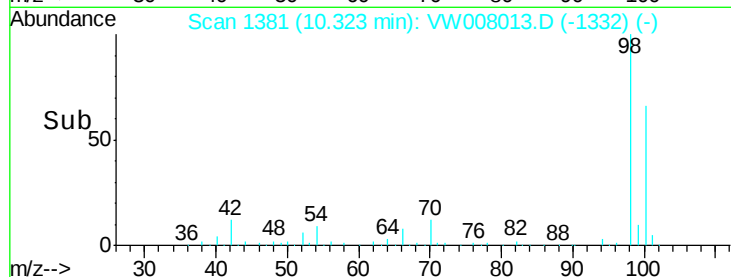
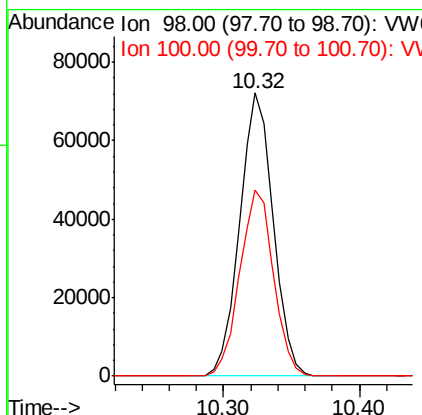
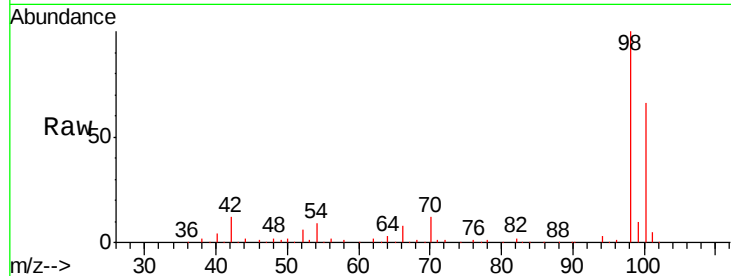




#50
Toluene-d8
Concen: 49.747 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008013.D
Acq: 03 Jan 2019 11:41

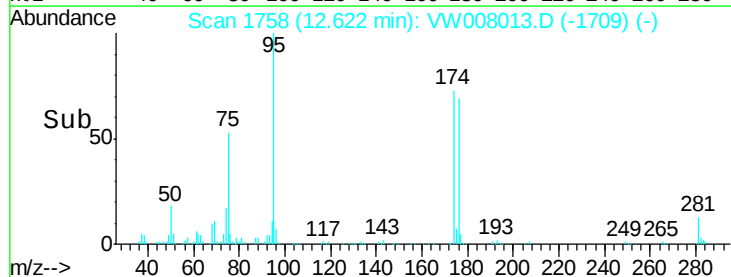
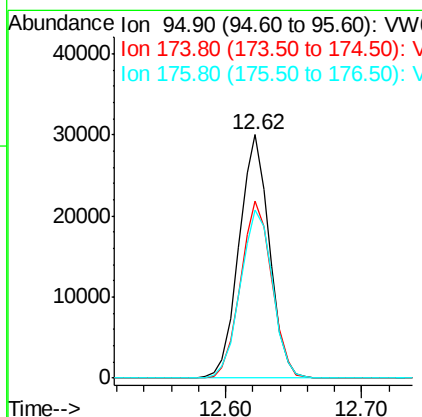
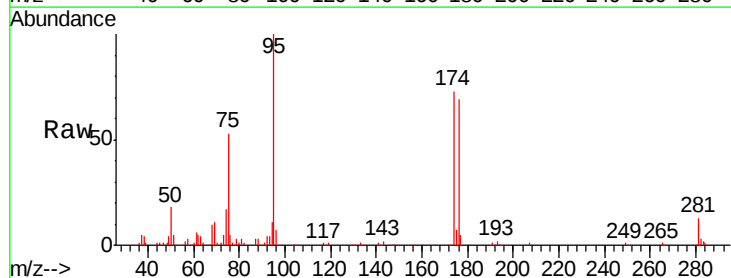
Instrument :
MSVOA_W
ClientSampleId :
VW0103SBL01

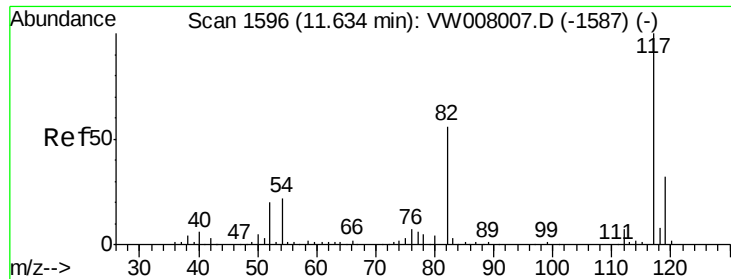
Tgt Ion: 98 Resp: 124086
Ion Ratio Lower Upper
98 100
100 66.2 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 48.709 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008013.D
Acq: 03 Jan 2019 11:41

Tgt Ion: 95 Resp: 46595
Ion Ratio Lower Upper
95 100
174 75.1 0.0 149.6
176 73.0 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: VW008013.D

Acq: 03 Jan 2019 11:41

Instrument :

MSVOA_W

ClientSampleId :

VW0103SBL01

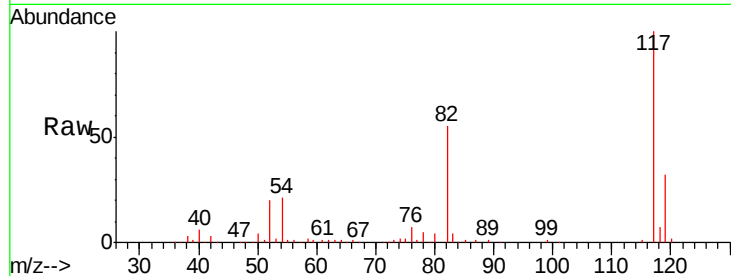
Tgt Ion:117 Resp: 94227

Ion Ratio Lower Upper

117 100

82 55.0 44.8 67.2

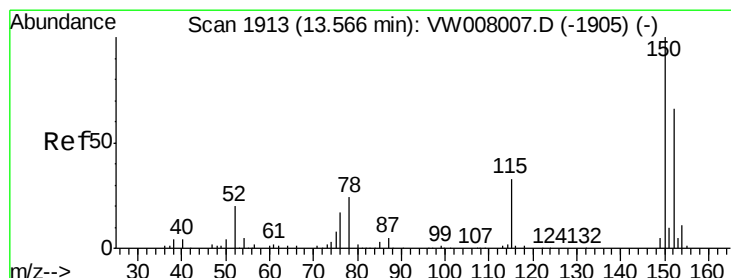
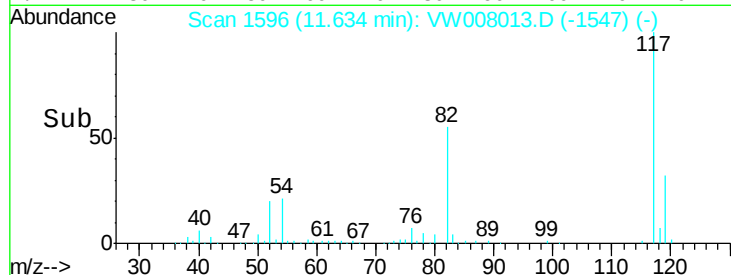
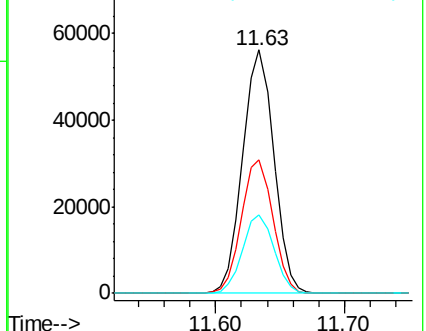
119 32.4 25.6 38.4



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: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW008013.D

Acq: 03 Jan 2019 11:41

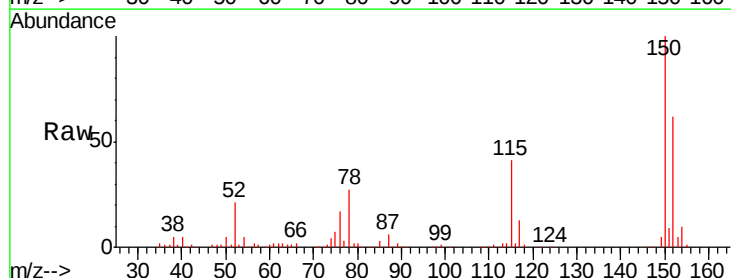
Tgt Ion:152 Resp: 45771

Ion Ratio Lower Upper

152 100

115 64.3 32.1 96.5

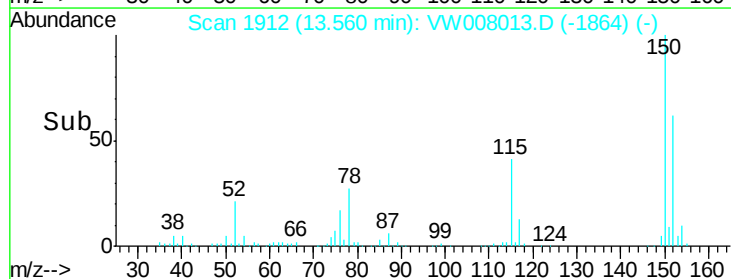
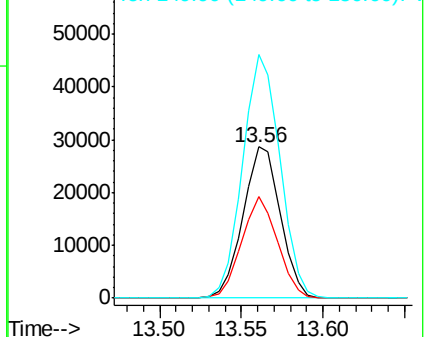
150 160.8 0.0 345.0

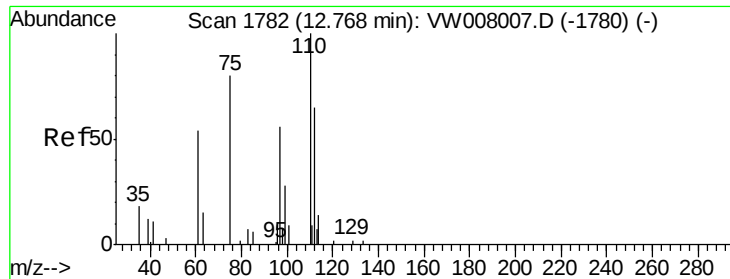


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 68.860 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008013.D

Acq: 03 Jan 2019 11:41

Instrument :

MSVOA_W

ClientSampleId :

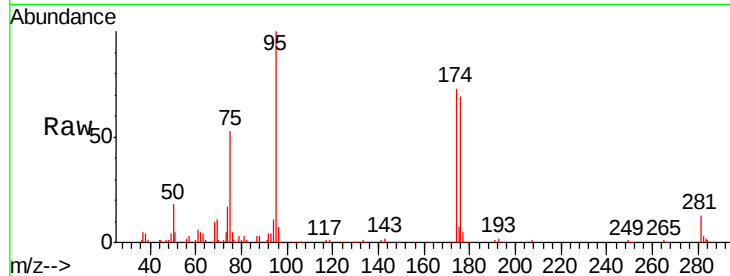
VW0103SBL01

Tgt Ion: 75 Resp: 25074

Ion Ratio Lower Upper

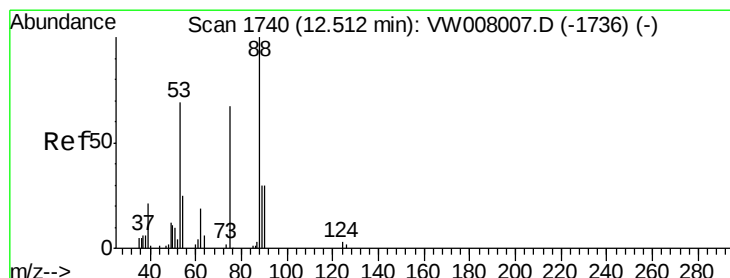
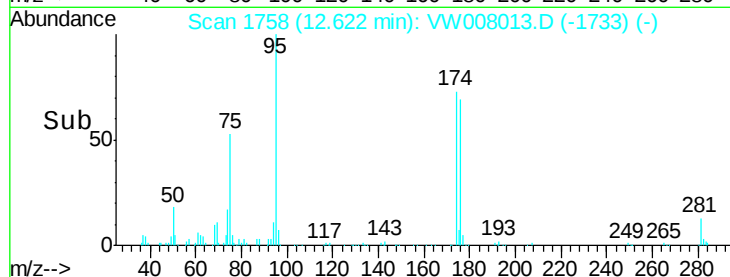
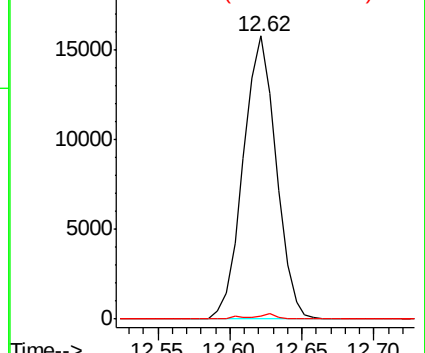
75 100

77 1.4 186.2 558.6#



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: 162.843 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008013.D

Acq: 03 Jan 2019 11:41

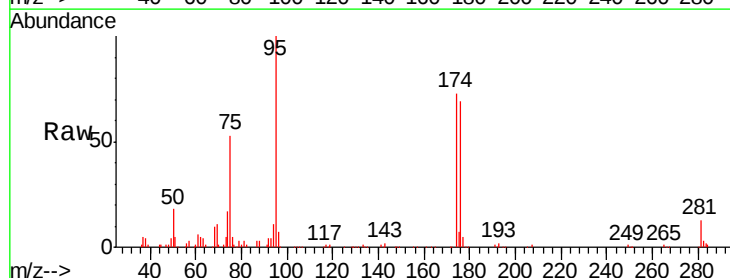
Tgt Ion: 75 Resp: 25074

Ion Ratio Lower Upper

75 100

53 0.0 87.6 131.4#

89 0.1 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

