

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061019\
 Data File : VW010743.D
 Acq On : 10 Jun 2019 14:18
 Operator : SY/VA
 Sample : K3273-03
 Misc : 5.91G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1 1.0-1.5 060719

Quant Time: Jun 11 05:25:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	215807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	374024	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	334339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	152146	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	161446	63.47	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	126.94%	
35) Dibromofluoromethane	7.88	113	113872	56.09	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	112.18%	
50) Toluene-d8	10.32	98	491056	55.16	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	110.32%	
62) 4-Bromofluorobenzene	12.62	95	177225	54.71	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.42%	

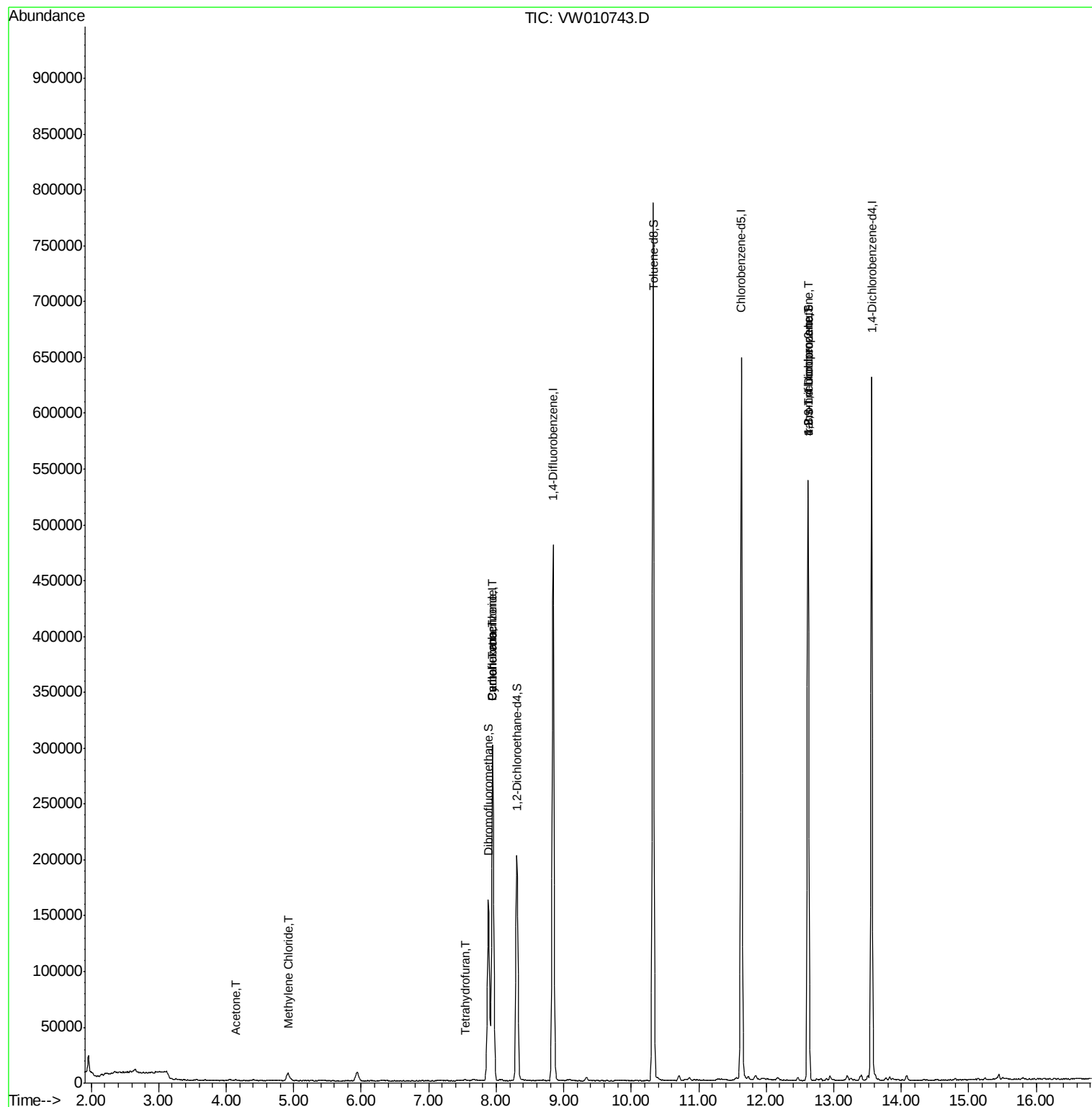
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	1335	1.959	ug/l	96
20) Methylene Chloride	4.92	84	4571	1.912	ug/l	93
29) Tetrahydrofuran	7.54	42	1110	1.867	ug/l	91
31) Cyclohexane	7.95	56	6765	1.318	ug/l #	1
38) Carbon Tetrachloride	7.95	117	22019	6.662	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	95500	59.772	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	95500	137.375	ug/l #	5

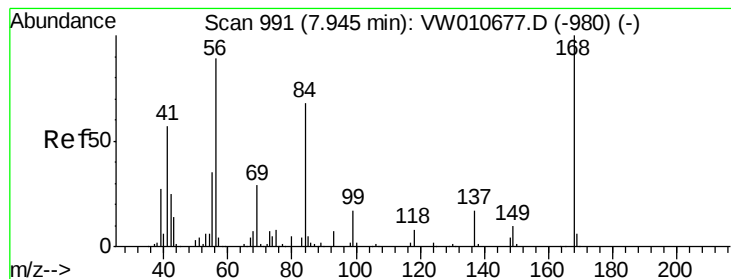
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW061019\
Data File : VW010743.D
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Misc : 5.91G/5ML/MSVOA_W/SOIL
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MSVOA_W
ClientSampleId :
SB-1_1.0-1.5_060719

Quant Time: Jun 11 05:25:57 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW010743.D

Acq: 10 Jun 2019 14:18

Instrument :

MSVOA_W

ClientSampleId :

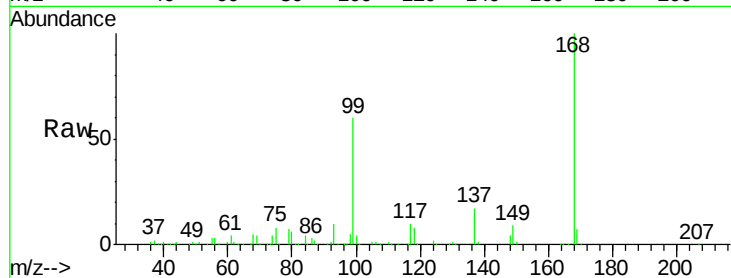
SB-1 1.0-1.5 060719

Tgt Ion:168 Resp: 215807

Ion Ratio Lower Upper

168 100

99 60.5 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

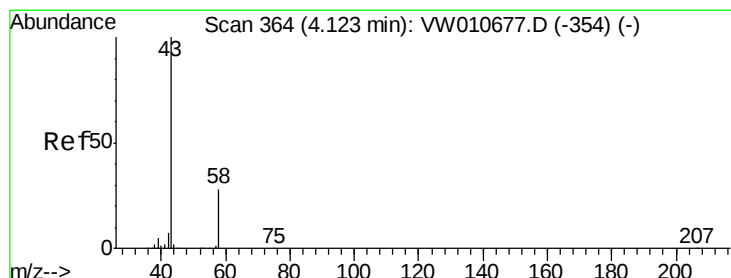
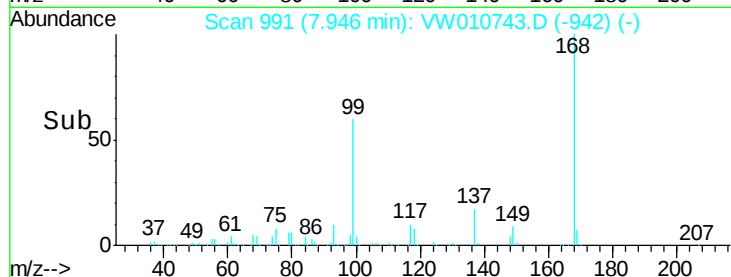
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 1.959 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW010743.D

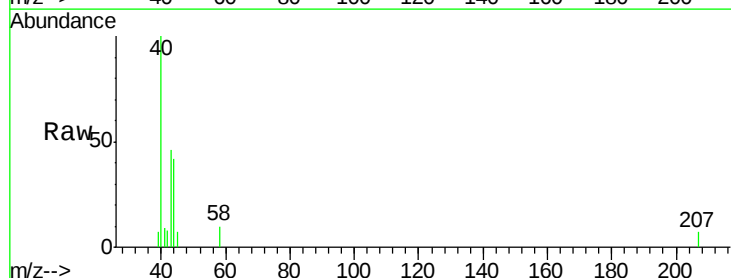
Acq: 10 Jun 2019 14:18

Tgt Ion: 43 Resp: 1335

Ion Ratio Lower Upper

43 100

58 25.2 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

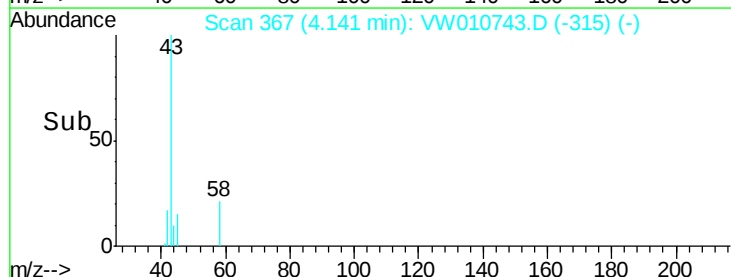
600

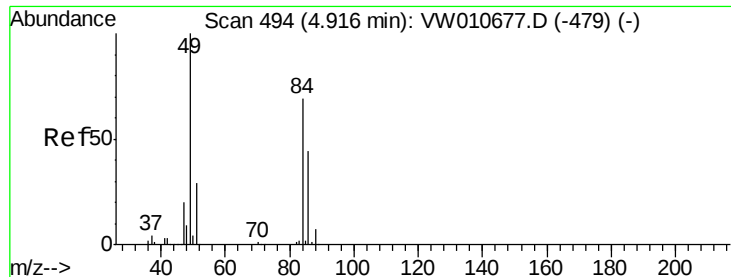
400

200

0

Time--> 4.05 4.10 4.15 4.20

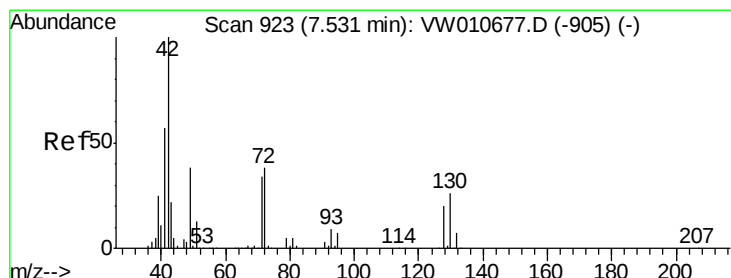
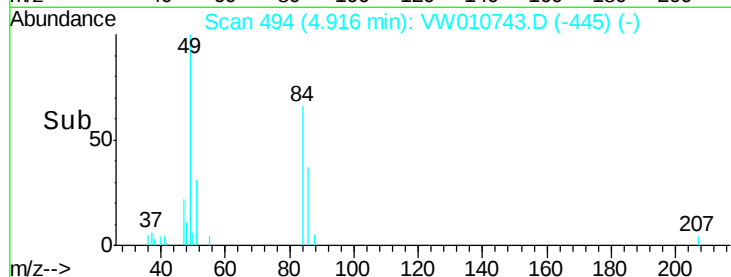
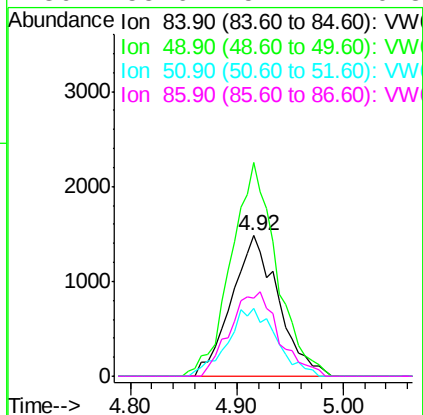
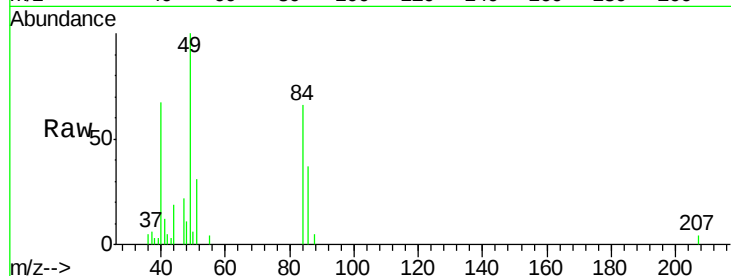




#20
Methylene Chloride
Concen: 1.912 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010743.D
Acq: 10 Jun 2019 14:18

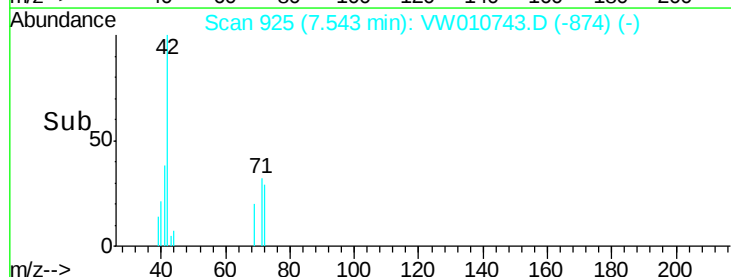
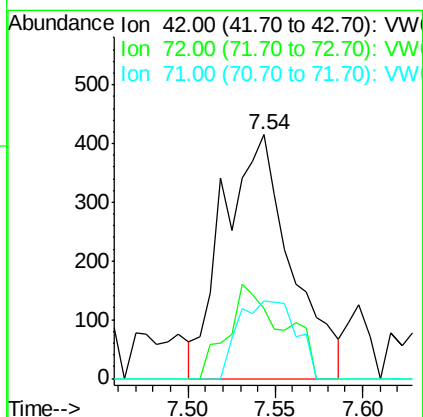
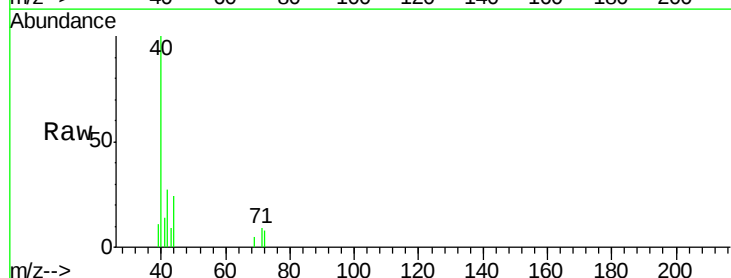
Instrument :
MSVOA_W
ClientSampleId :
SB-1 1.0-1.5 060719

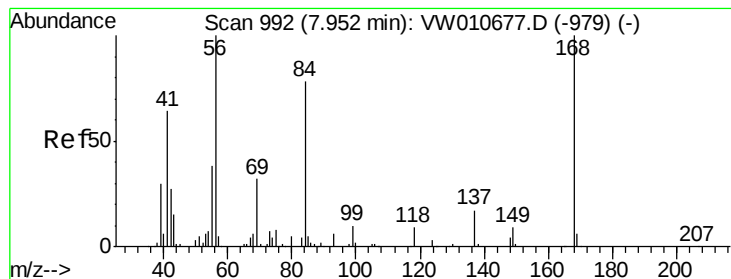
Tgt Ion: 84 Resp: 4571
Ion Ratio Lower Upper
84 100
49 152.1 116.7 175.1
51 47.9 34.2 51.2
86 55.6 51.2 76.8



#29
Tetrahydrofuran
Concen: 1.867 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW010743.D
Acq: 10 Jun 2019 14:18

Tgt Ion: 42 Resp: 1110
Ion Ratio Lower Upper
42 100
72 31.7 28.7 43.1
71 27.4 26.6 39.8





#31

Cyclohexane

Concen: 1.318 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010743.D

Acq: 10 Jun 2019 14:18

Instrument :

MSVOA_W

ClientSampleId :

SB-1 1.0-1.5 060719

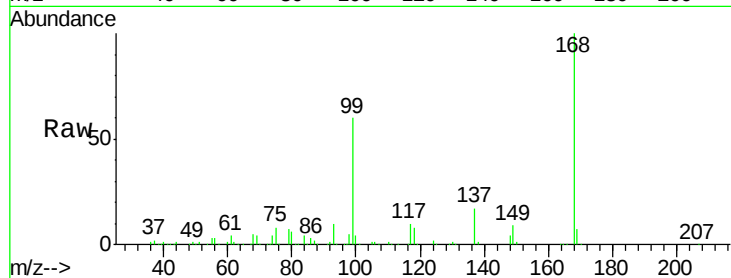
Tgt Ion: 56 Resp: 6765

Ion Ratio Lower Upper

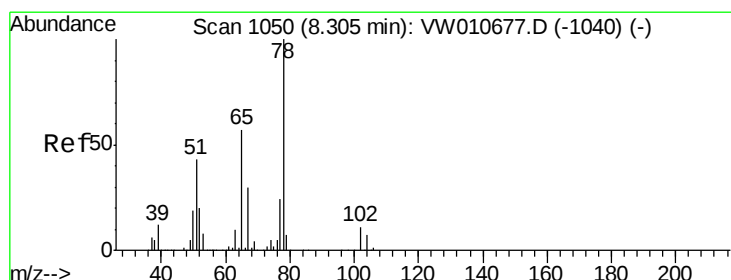
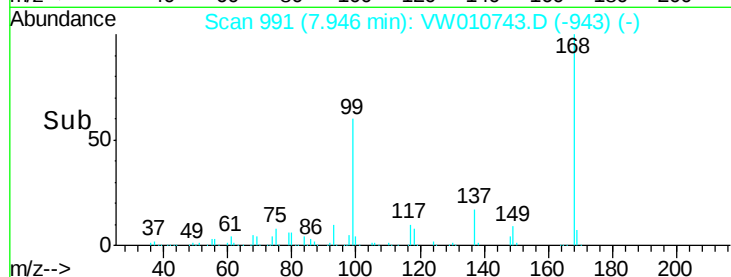
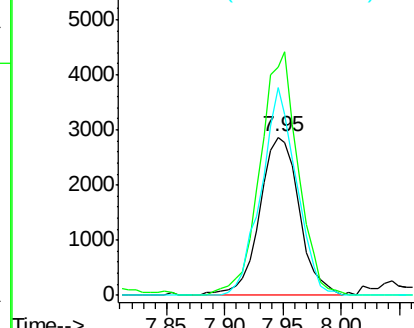
56 100

69 144.3 25.2 37.8#

84 135.0 62.2 93.2#



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



#33

1,2-Dichloroethane-d4

Concen: 63.470 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW010743.D

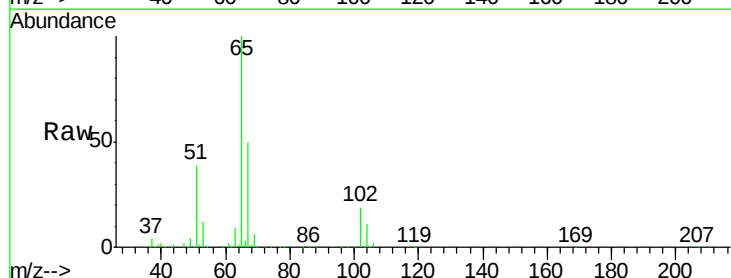
Acq: 10 Jun 2019 14:18

Tgt Ion: 65 Resp: 161446

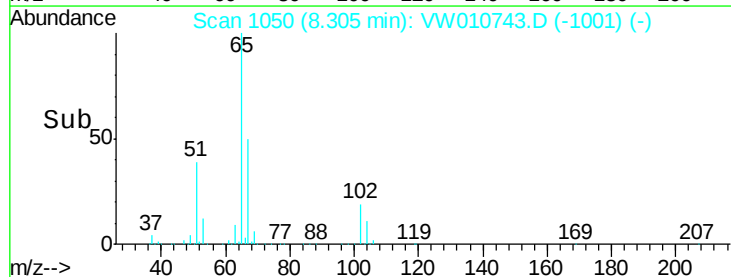
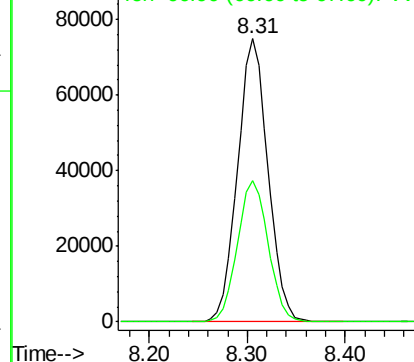
Ion Ratio Lower Upper

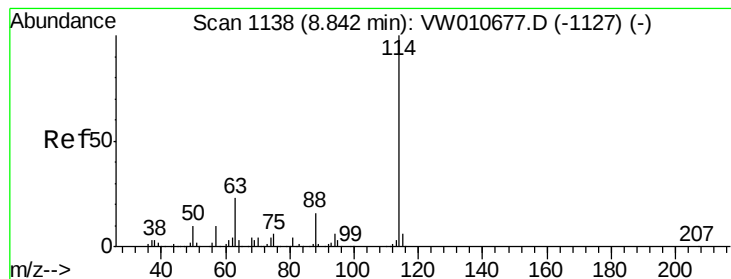
65 100

67 50.6 0.0 102.6



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: VW010743.D

Acq: 10 Jun 2019 14:18

Instrument :

MSVOA_W

ClientSampleId :

SB-1 1.0-1.5 060719

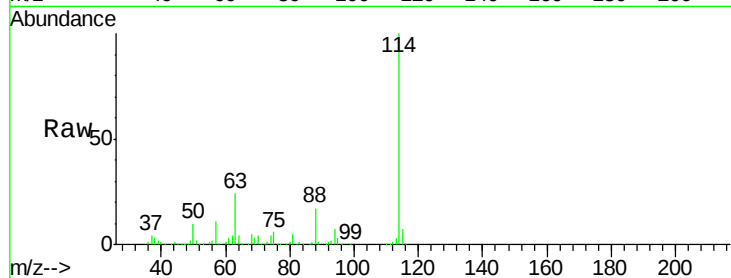
Tgt Ion:114 Resp: 374024

Ion Ratio Lower Upper

114 100

63 24.0 0.0 46.4

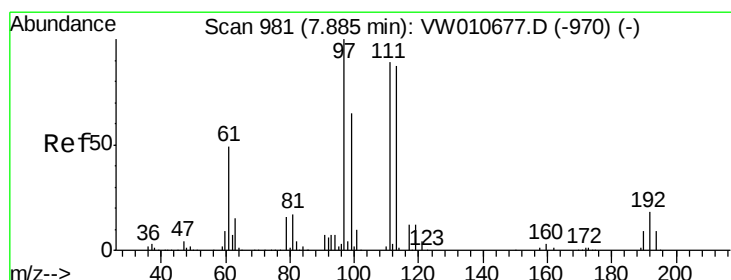
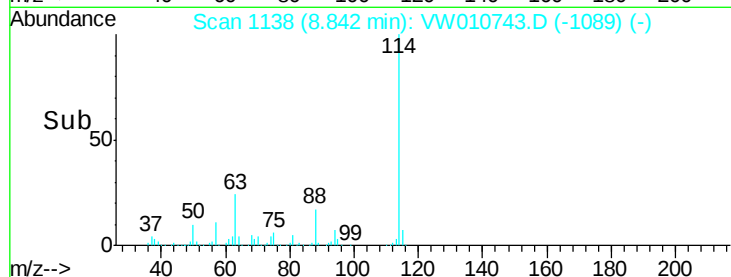
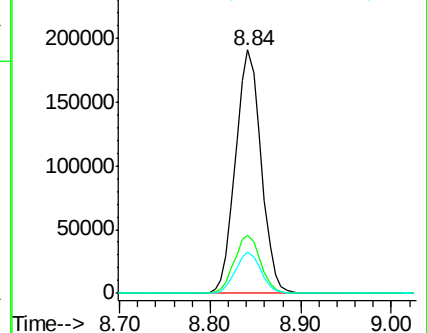
88 17.2 0.0 32.2



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: 56.091 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW010743.D

Acq: 10 Jun 2019 14:18

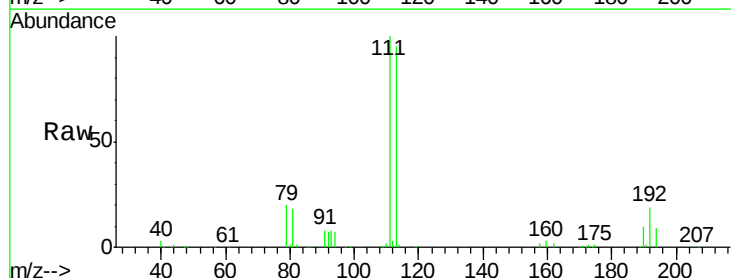
Tgt Ion:113 Resp: 113872

Ion Ratio Lower Upper

113 100

111 102.7 82.6 123.8

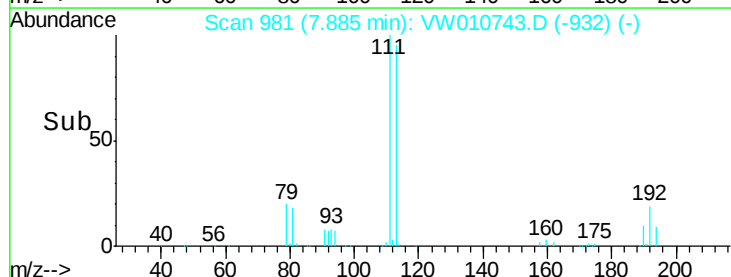
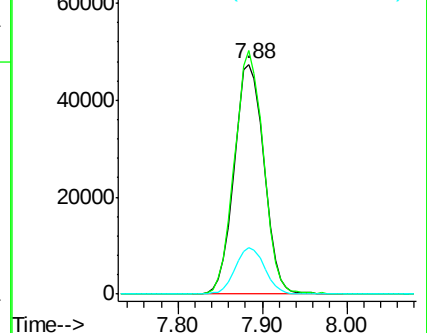
192 20.0 16.4 24.6

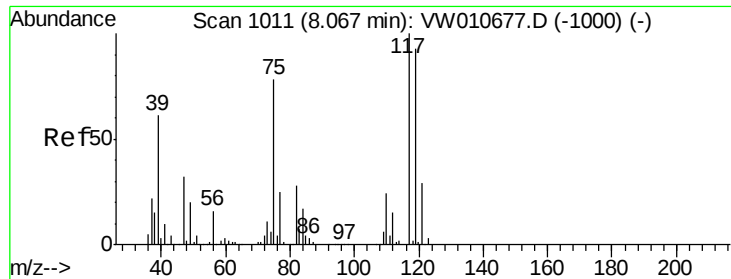


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

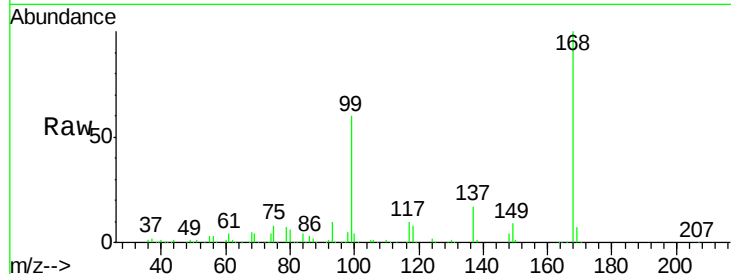




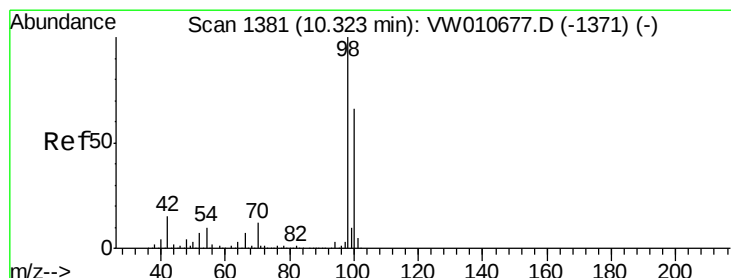
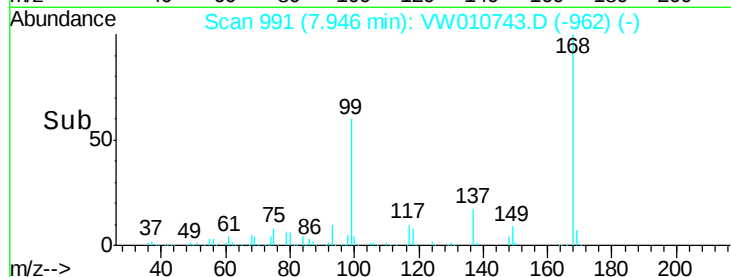
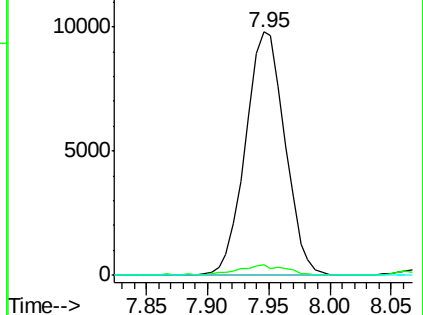
#38
Carbon Tetrachloride
Concen: 6.662 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW010743.D
Acq: 10 Jun 2019 14:18

Instrument :
MSVOA_W
ClientSampleId :
SB-1 1.0-1.5 060719

Tgt Ion:117 Resp: 22019
Ion Ratio Lower Upper
117 100
119 4.5 74.2 111.4#
121 0.0 22.9 34.3#

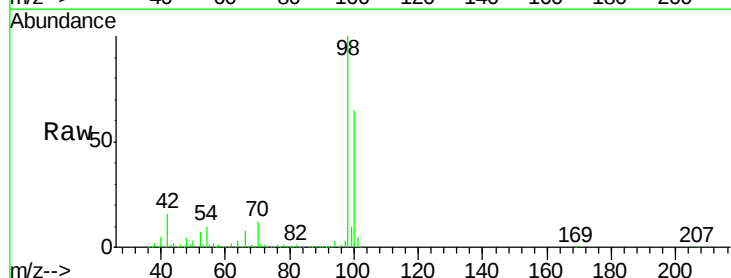


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

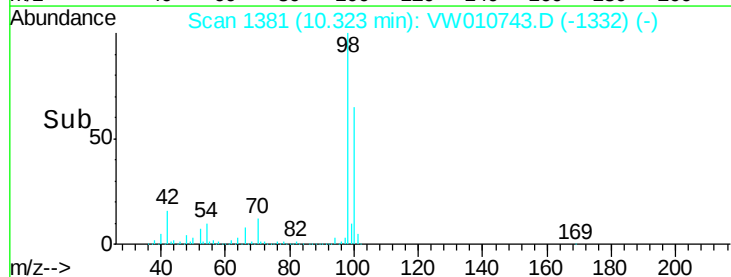
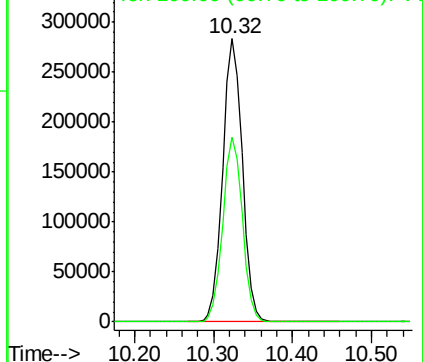


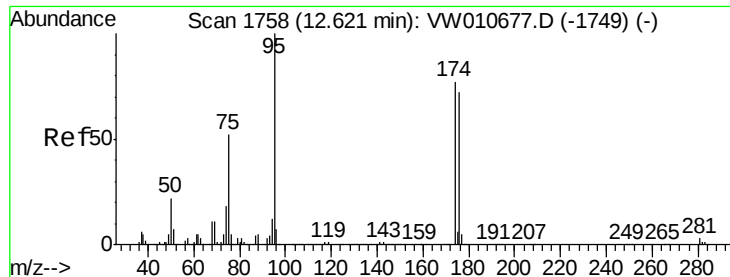
#50
Toluene-d8
Concen: 55.160 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW010743.D
Acq: 10 Jun 2019 14:18

Tgt Ion: 98 Resp: 491056
Ion Ratio Lower Upper
98 100
100 65.1 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 54.709 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010743.D

Acq: 10 Jun 2019 14:18

Instrument :

MSVOA_W

ClientSampleId :

SB-1 1.0-1.5 060719

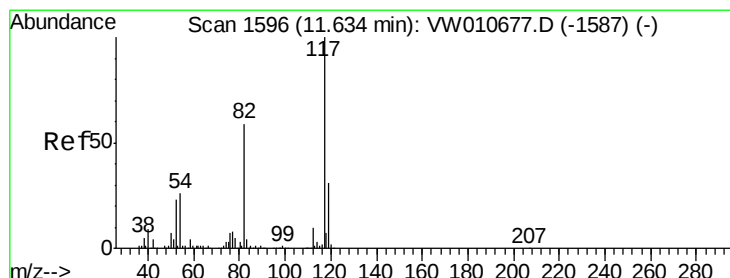
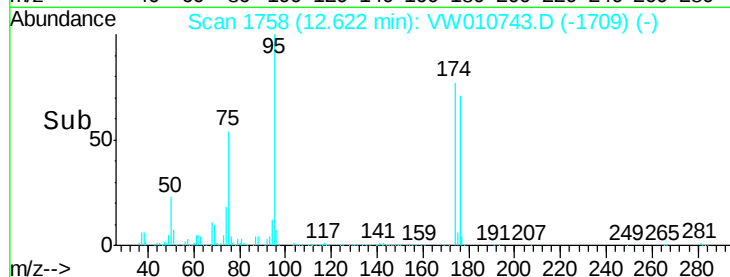
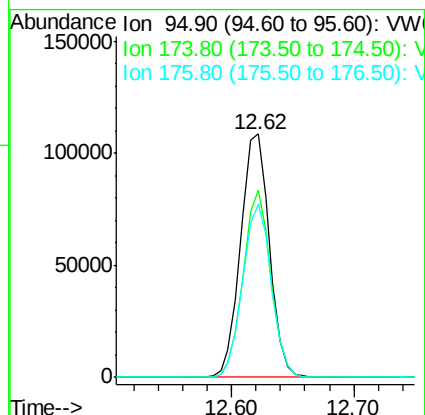
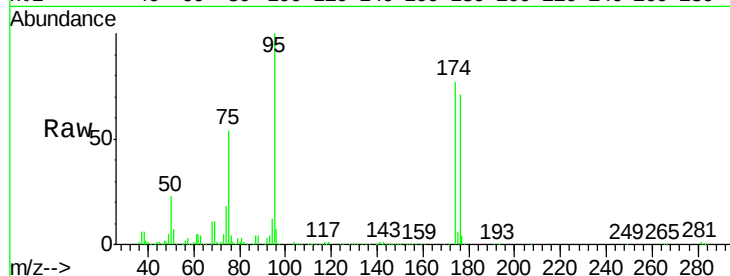
Tgt Ion: 95 Resp: 177225

Ion Ratio Lower Upper

95 100

174 73.9 0.0 150.4

176 70.6 0.0 144.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW010743.D

Acq: 10 Jun 2019 14:18

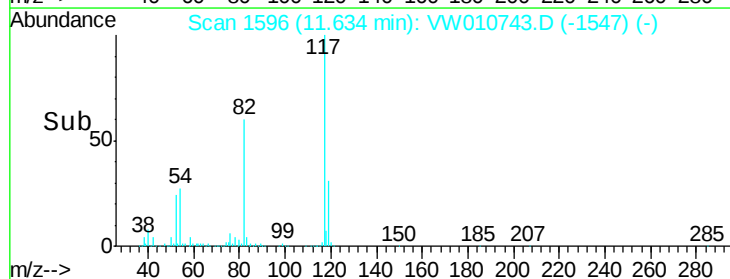
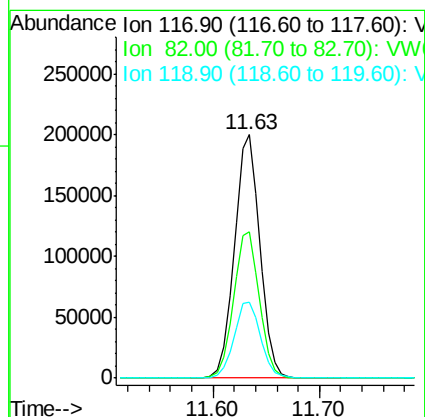
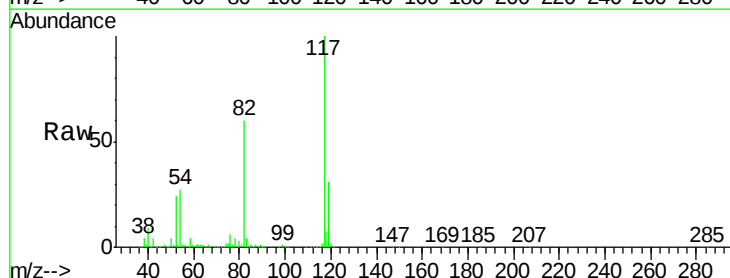
Tgt Ion: 117 Resp: 334339

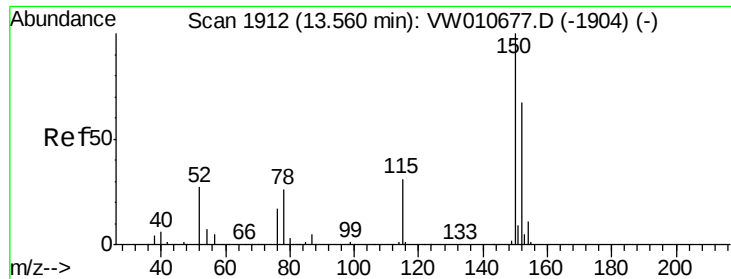
Ion Ratio Lower Upper

117 100

82 59.9 47.0 70.4

119 30.8 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW010743.D

Acq: 10 Jun 2019 14:18

Instrument :

MSVOA_W

ClientSampleId :

SB-1 1.0-1.5 060719

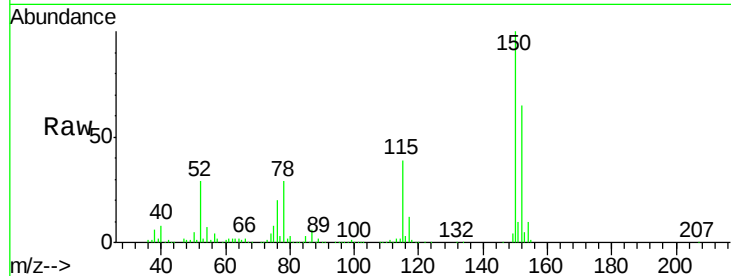
Tgt Ion:152 Resp: 152146

Ion Ratio Lower Upper

152 100

115 60.5 29.8 89.3

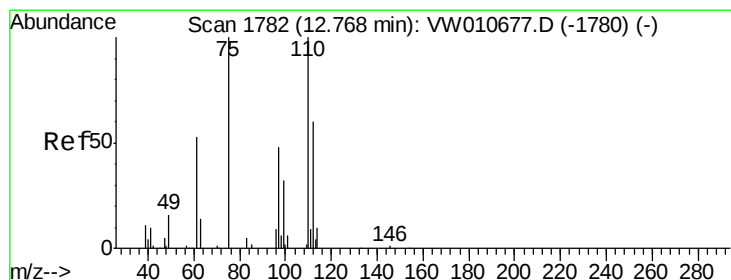
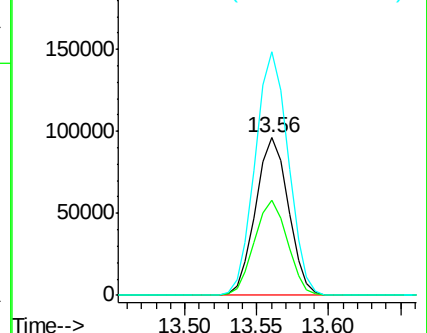
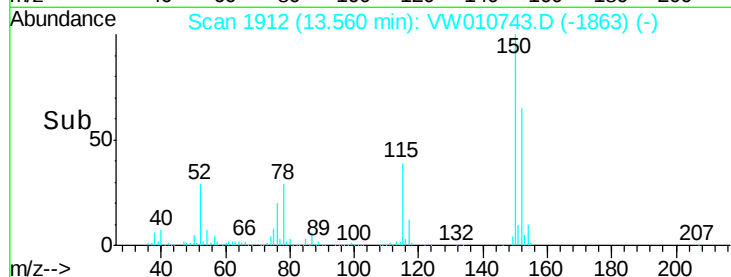
150 156.0 0.0 345.0



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: 59.772 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010743.D

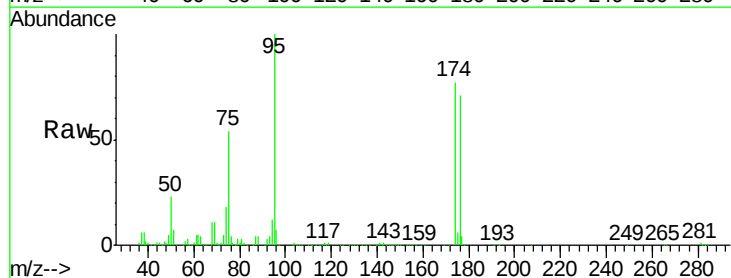
Acq: 10 Jun 2019 14:18

Tgt Ion: 75 Resp: 95500

Ion Ratio Lower Upper

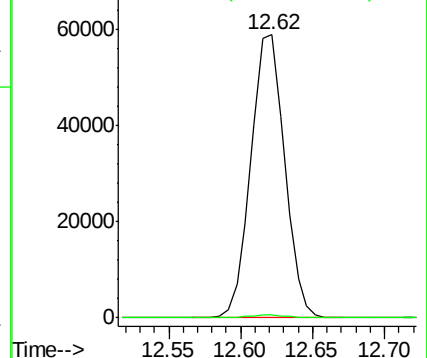
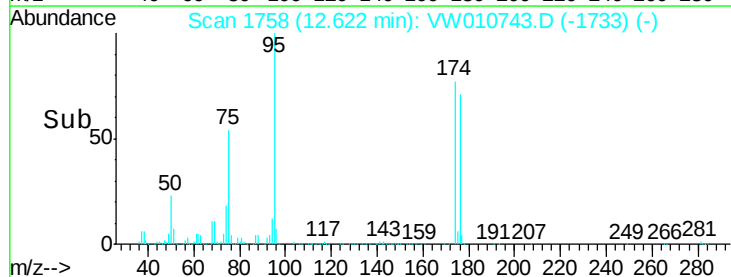
75 100

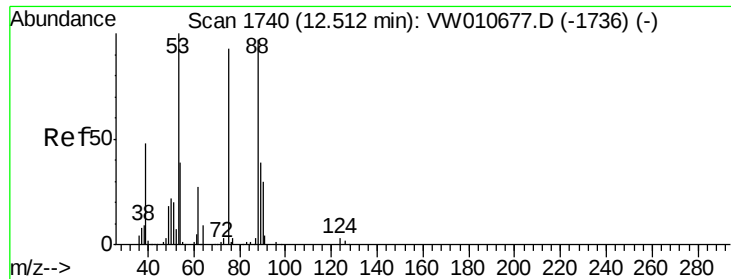
77 1.2 0.0 0.0#



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: 137.375 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010743.D

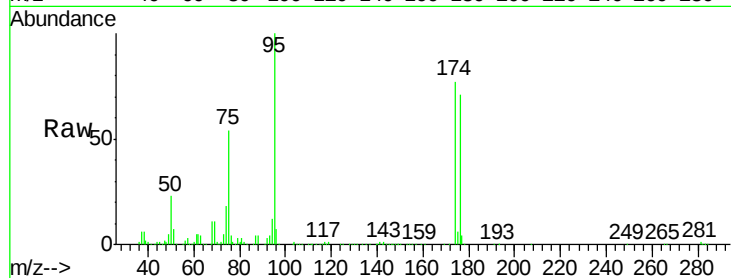
Acq: 10 Jun 2019 14:18

Instrument :

MSVOA_W

ClientSampleId :

SB-1_1.0-1.5_060719



Tgt Ion:	75	Resp:	95500
Ion	Ratio	Lower	Upper
75	100		
53	0.0	90.1	135.1#
89	0.0	34.6	52.0#

