

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061019\
 Data File : VW010741.D
 Acq On : 10 Jun 2019 13:23
 Operator : SY/VA
 Sample : K3265-03
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-04-2.5-3.0

Quant Time: Jun 11 05:25:32 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	142131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	241842	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	205290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	90379	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	95798	57.18	ug/l	0.00
Spiked Amount			Recovery	=	114.36%	
35) Dibromofluoromethane	7.88	113	70551	53.75	ug/l	0.00
Spiked Amount			Recovery	=	107.50%	
50) Toluene-d8	10.32	98	313465	54.46	ug/l	0.00
Spiked Amount			Recovery	=	108.92%	
62) 4-Bromofluorobenzene	12.62	95	108246	51.68	ug/l	0.00
Spiked Amount			Recovery	=	103.36%	

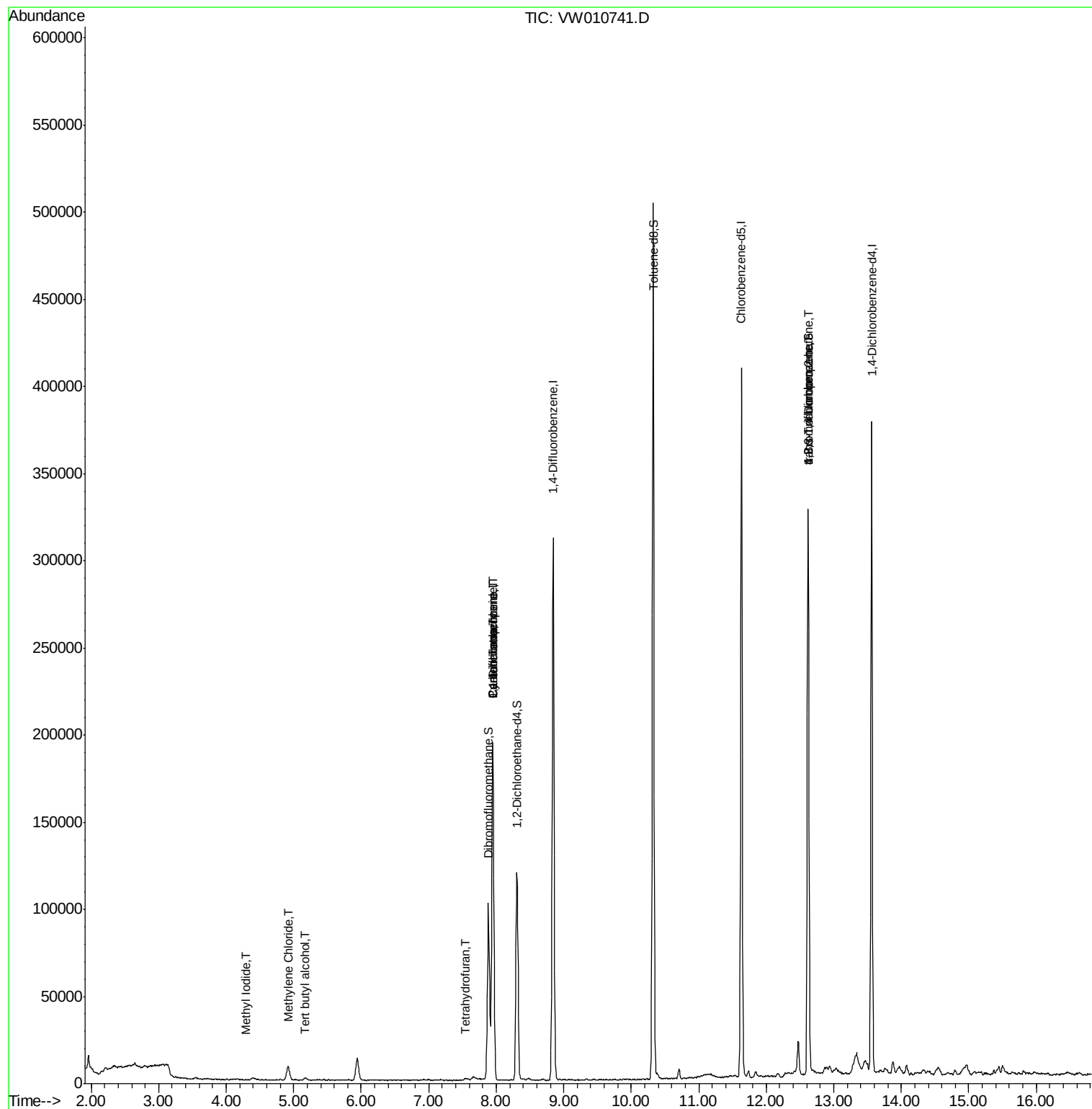
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.29	142	31	4.818	ug/l #	41
11) Tert butyl alcohol	5.17	59	1796	13.160	ug/l	95
20) Methylene Chloride	4.91	84	5288	3.358	ug/l	90
29) Tetrahydrofuran	7.54	42	542	1.384	ug/l #	68
31) Cyclohexane	7.95	56	3913	1.158	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	12623	5.099	ug/l #	51
38) Carbon Tetrachloride	7.95	117	15041	7.038	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	58195	61.316	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	58195	140.924	ug/l #	6

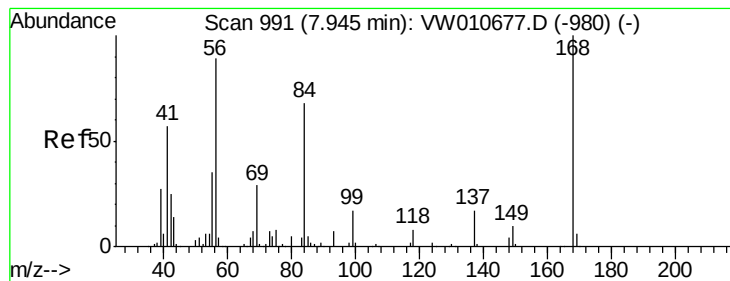
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW061019\
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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# 992

Delta R.T. 0.01 min

Lab File: VW010741.D

Acq: 10 Jun 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

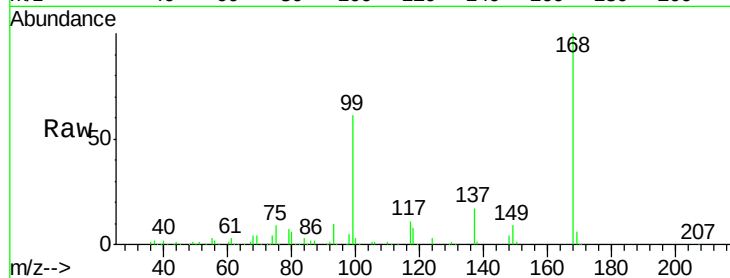
B-04-2.5-3.0

Tgt Ion:168 Resp: 142131

Ion Ratio Lower Upper

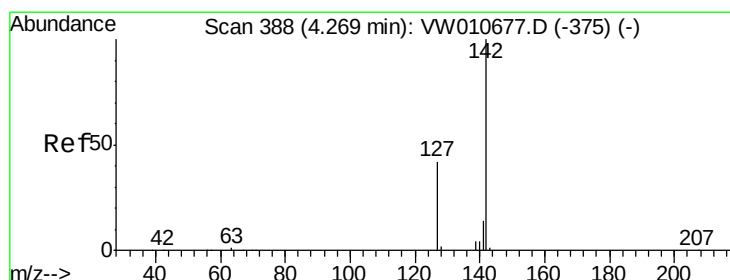
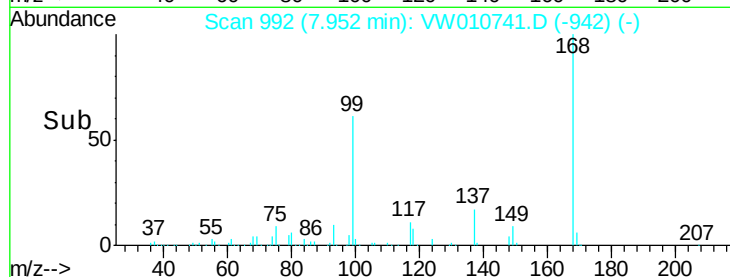
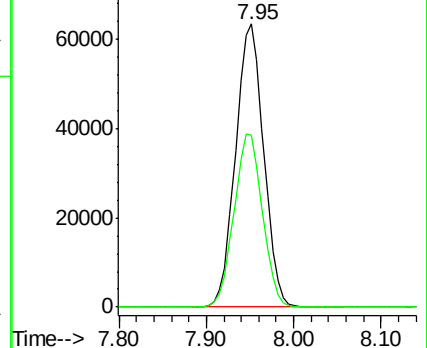
168 100

99 60.7 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#10

Methyl Iodide

Concen: 4.818 ug/l

RT: 4.29 min Scan# 392

Delta R.T. 0.02 min

Lab File: VW010741.D

Acq: 10 Jun 2019 13:23

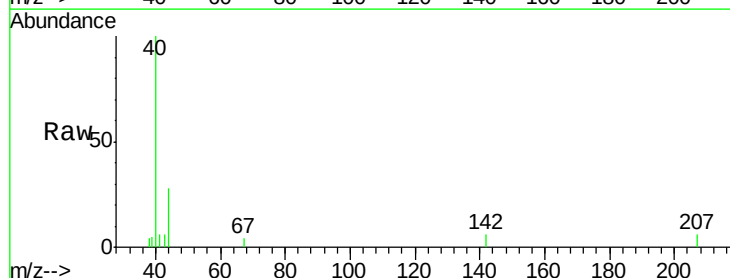
Tgt Ion:142 Resp: 31

Ion Ratio Lower Upper

142 100

127 0.0 34.6 51.8#

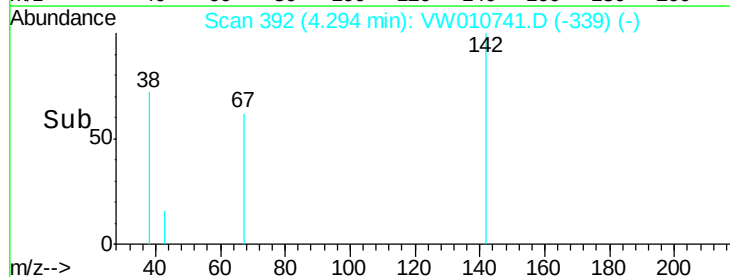
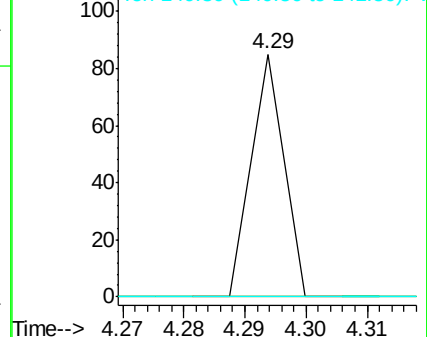
141 0.0 11.6 17.4#

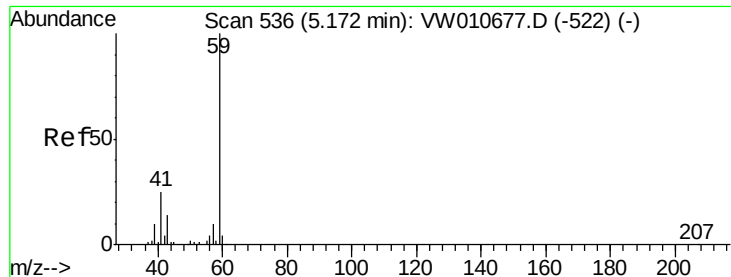


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



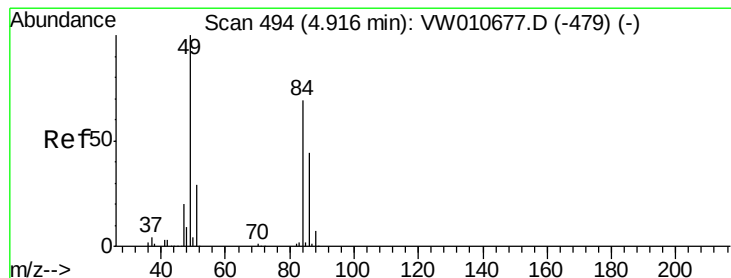
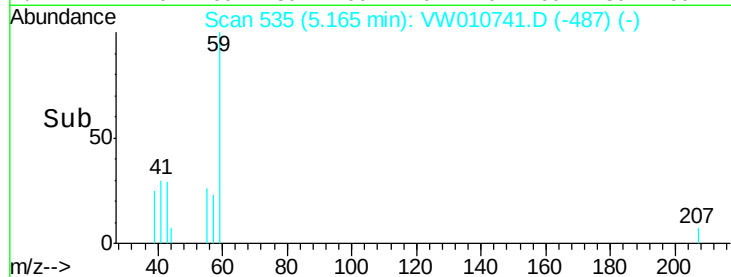
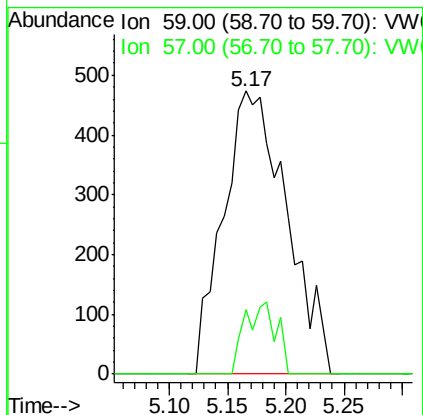
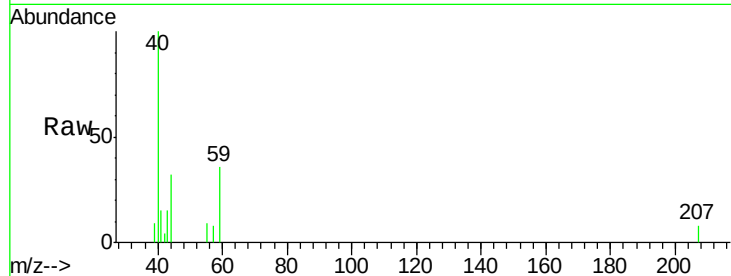


#11

Tert butyl alcohol
Concen: 13.160 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW010741.D
Acq: 10 Jun 2019 13:23

Instrument :
MSVOA_W
ClientSampleId :
B-04-2.5-3.0

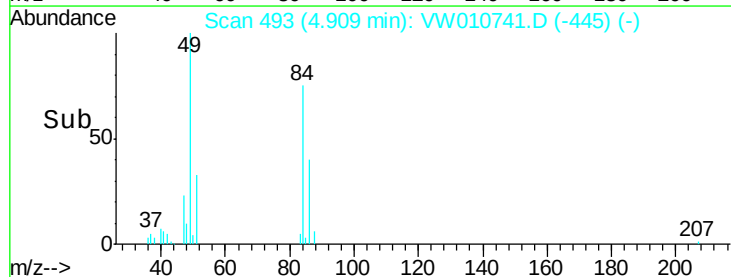
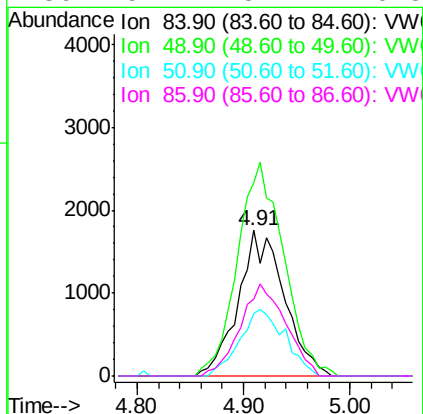
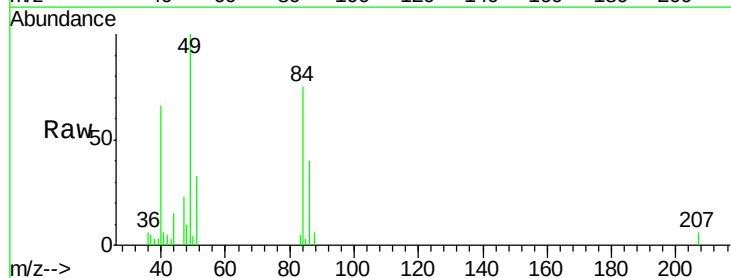
Tgt Ion: 59 Resp: 1796
Ion Ratio Lower Upper
59 100
57 12.7 8.6 12.8

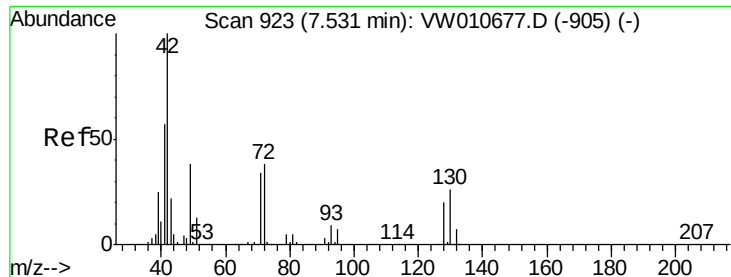


#20

Methylene Chloride
Concen: 3.358 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW010741.D
Acq: 10 Jun 2019 13:23

Tgt Ion: 84 Resp: 5288
Ion Ratio Lower Upper
84 100
49 132.9 116.7 175.1
51 43.5 34.2 51.2
86 52.7 51.2 76.8

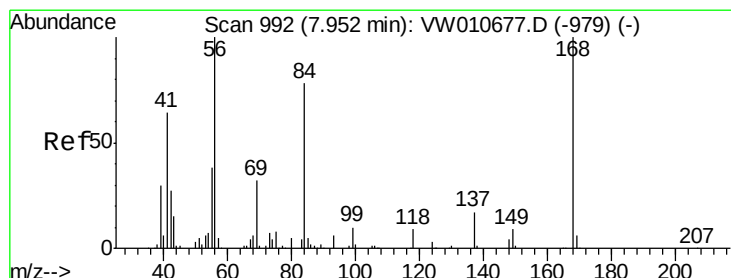
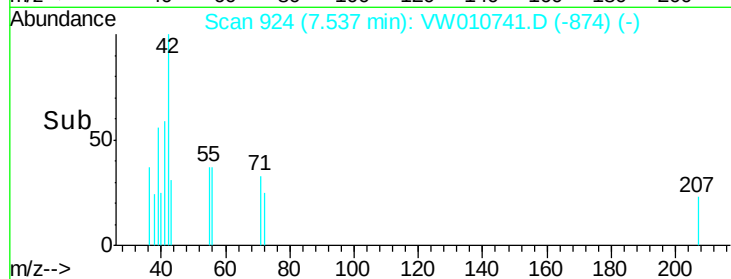
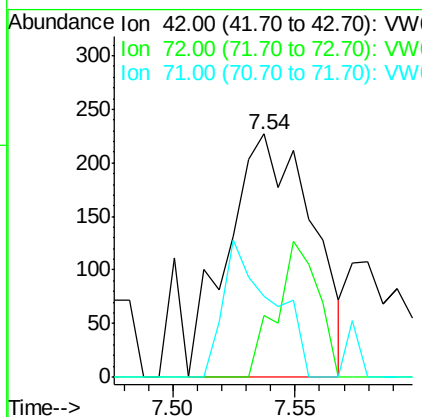
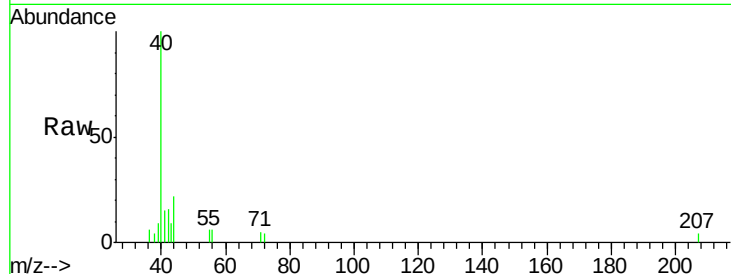




#29
Tetrahydrofuran
Concen: 1.384 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW010741.D
Acq: 10 Jun 2019 13:23

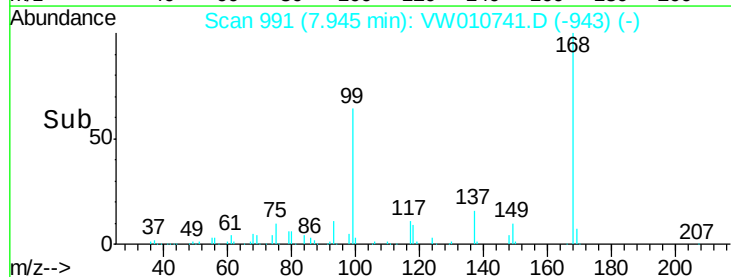
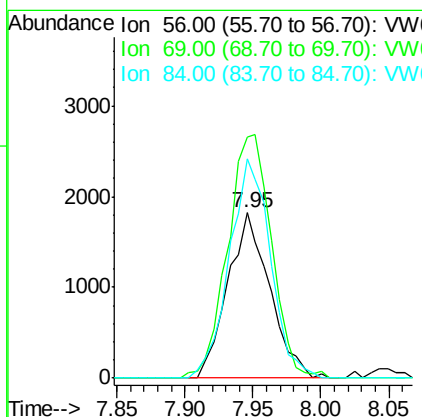
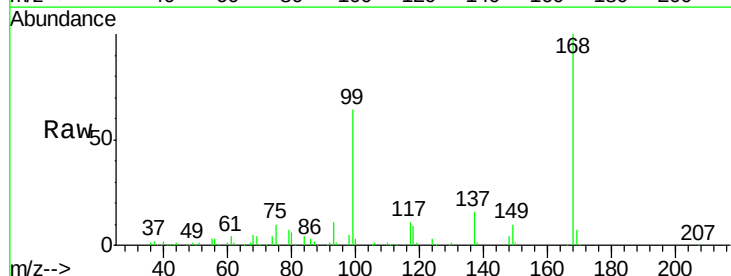
Instrument :
MSVOA_W
ClientSampled :
B-04-2.5-3.0

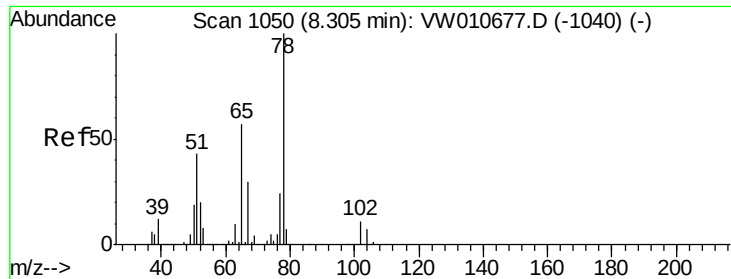
Tgt Ion: 42 Resp: 542
Ion Ratio Lower Upper
42 100
72 0.0 28.7 43.1#
71 32.8 26.6 39.8



#31
Cyclohexane
Concen: 1.158 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW010741.D
Acq: 10 Jun 2019 13:23

Tgt Ion: 56 Resp: 3913
Ion Ratio Lower Upper
56 100
69 146.0 25.2 37.8#
84 133.2 62.2 93.2#

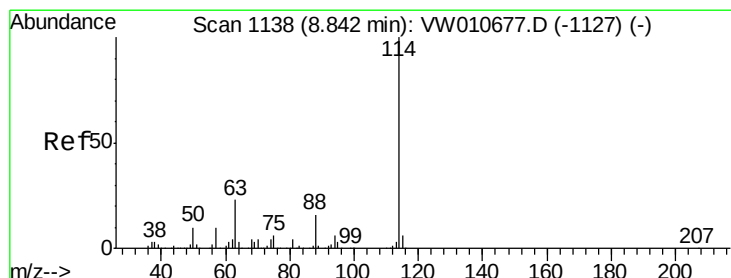
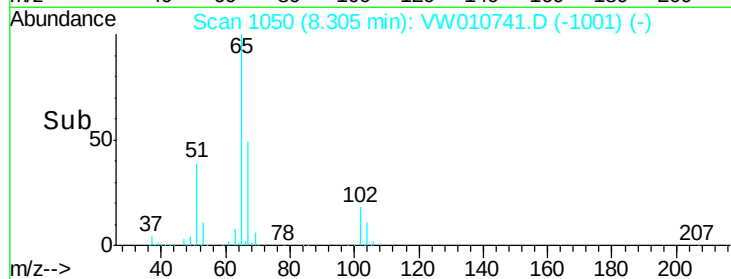
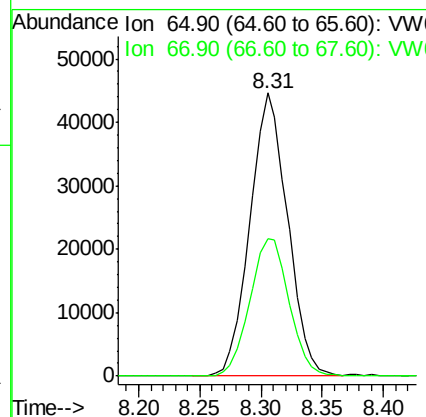
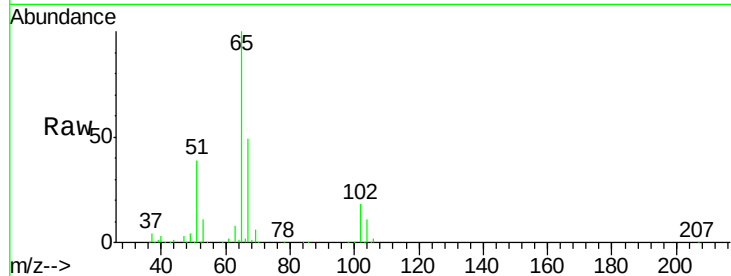




#33
 1,2-Dichloroethane-d4
 Concen: 57.184 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW010741.D
 Acq: 10 Jun 2019 13:23

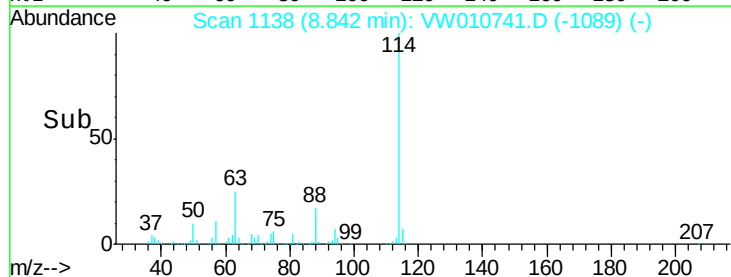
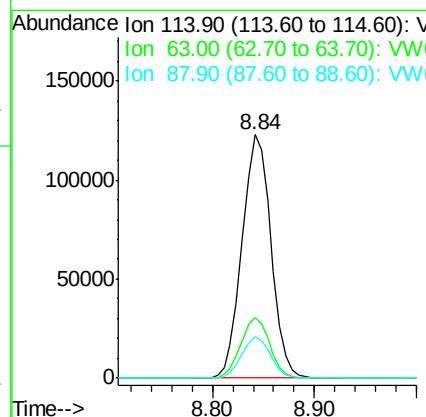
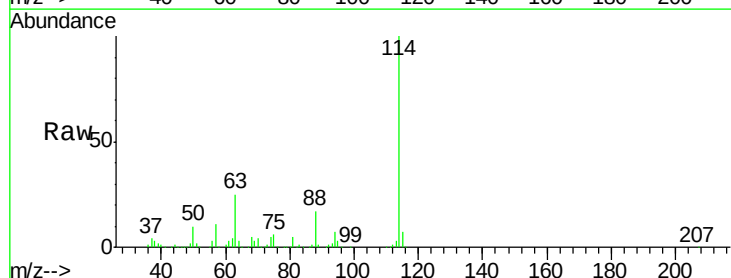
Instrument :
 MSVOA_W
 ClientSampleId :
 B-04-2.5-3.0

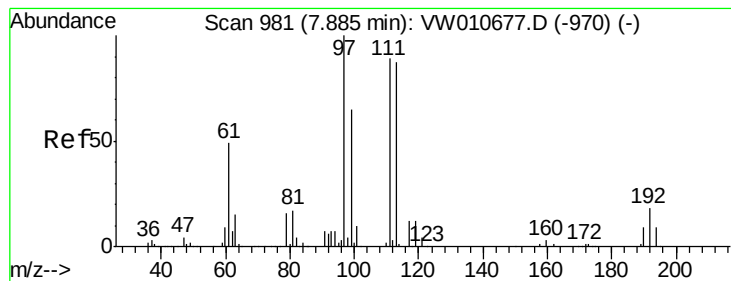
Tgt Ion: 65 Resp: 95798
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010741.D
 Acq: 10 Jun 2019 13:23

Tgt Ion: 114 Resp: 241842
 Ion Ratio Lower Upper
 114 100
 63 25.0 0.0 46.4
 88 17.1 0.0 32.2





#35

Dibromofluoromethane

Concen: 53.746 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW010741.D

Acq: 10 Jun 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

B-04-2.5-3.0

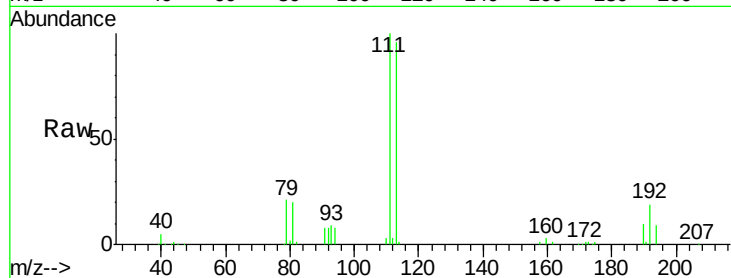
Tgt Ion:113 Resp: 70551

Ion Ratio Lower Upper

113 100

111 103.5 82.6 123.8

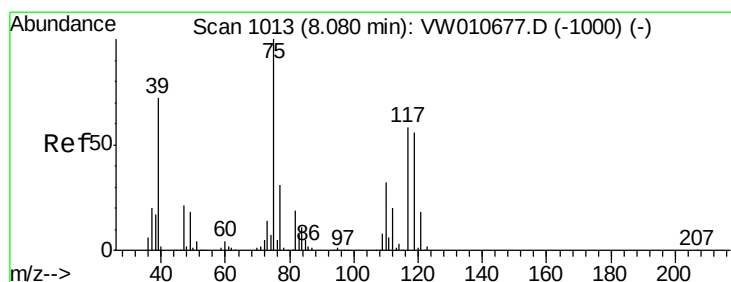
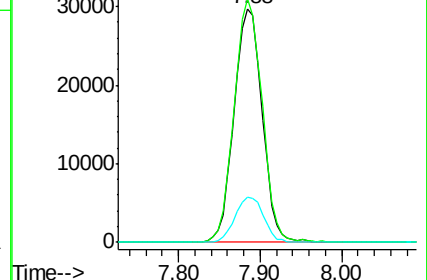
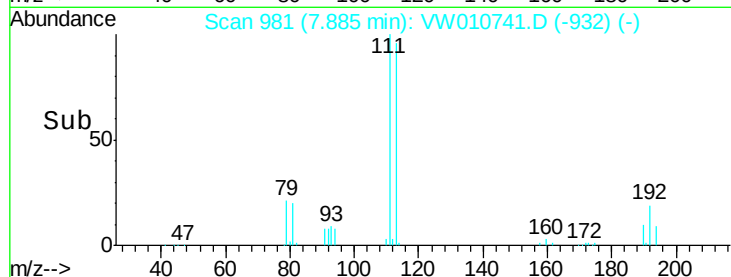
192 19.6 16.4 24.6



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



#36

1,1-Dichloropropene

Concen: 5.099 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW010741.D

Acq: 10 Jun 2019 13:23

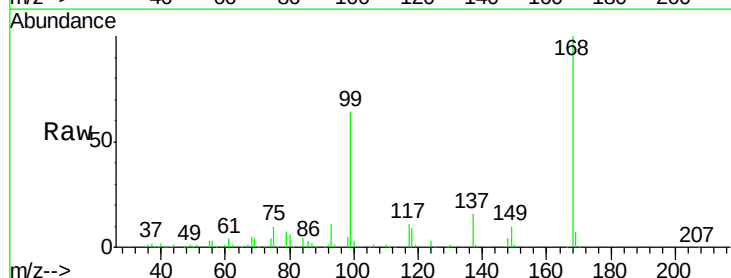
Tgt Ion: 75 Resp: 12623

Ion Ratio Lower Upper

75 100

110 7.8 15.8 47.3#

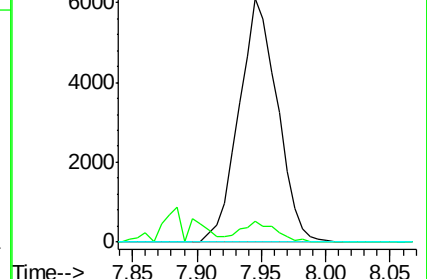
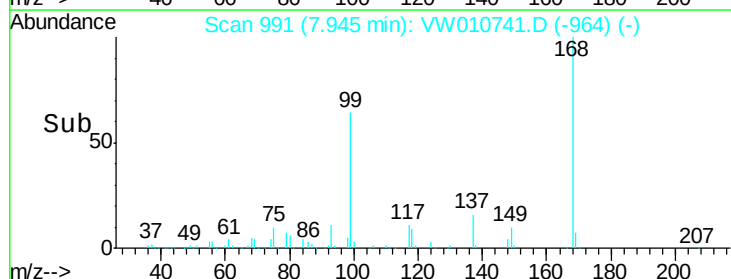
77 0.0 24.7 37.1#

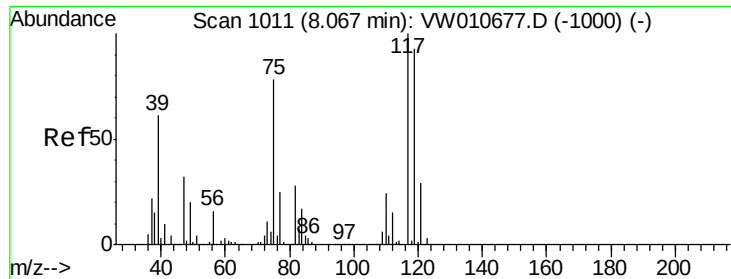


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

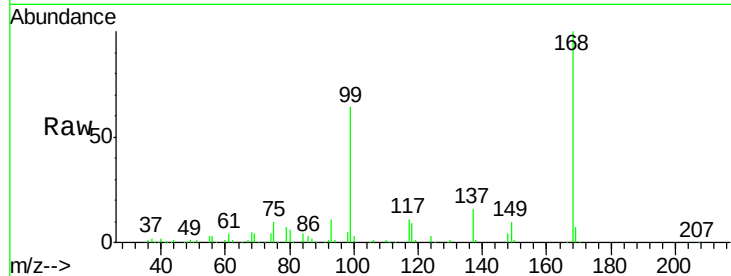




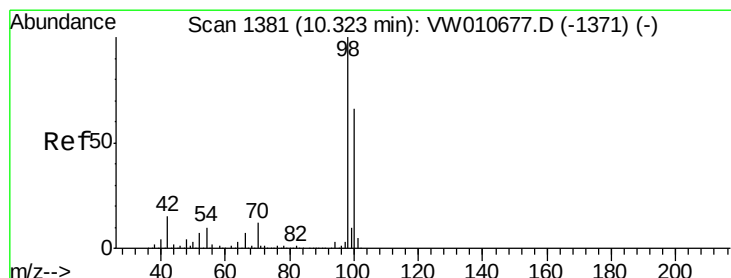
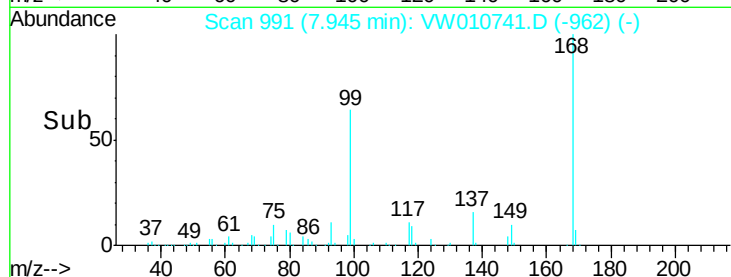
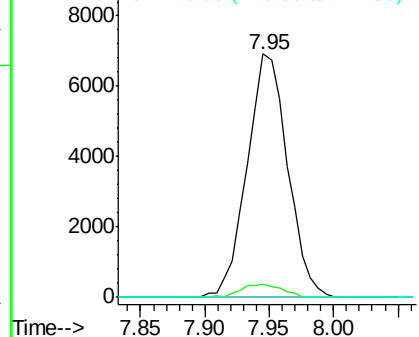
#38
Carbon Tetrachloride
Concen: 7.038 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW010741.D
Acq: 10 Jun 2019 13:23

Instrument :
MSVOA_W
ClientSampleId :
B-04-2.5-3.0

Tgt Ion:117 Resp: 15041
Ion Ratio Lower Upper
117 100
119 5.3 74.2 111.4#
121 0.0 22.9 34.3#

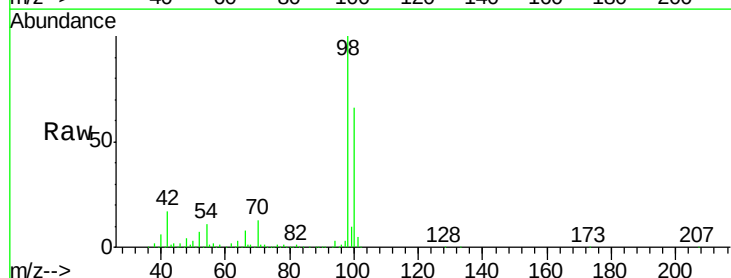


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

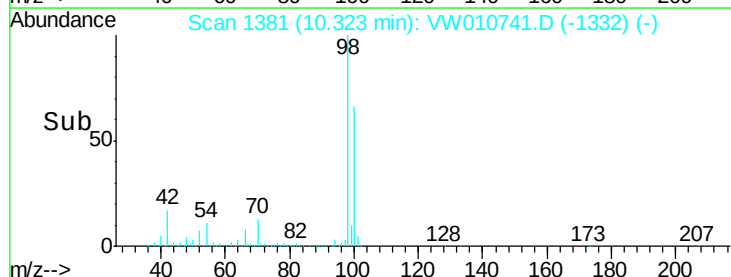
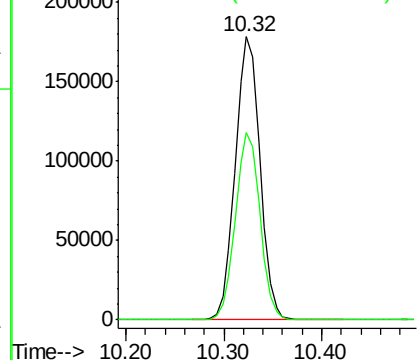


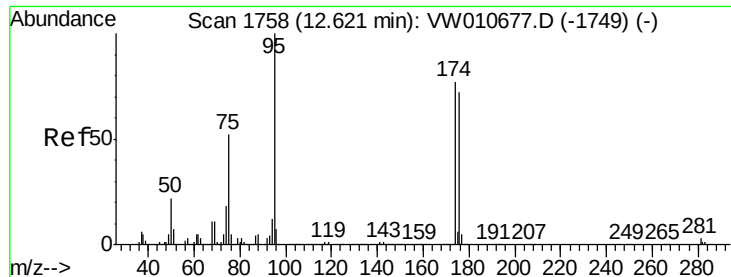
#50
Toluene-d8
Concen: 54.457 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW010741.D
Acq: 10 Jun 2019 13:23

Tgt Ion: 98 Resp: 313465
Ion Ratio Lower Upper
98 100
100 65.9 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: 51.679 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010741.D

Acq: 10 Jun 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

B-04-2.5-3.0

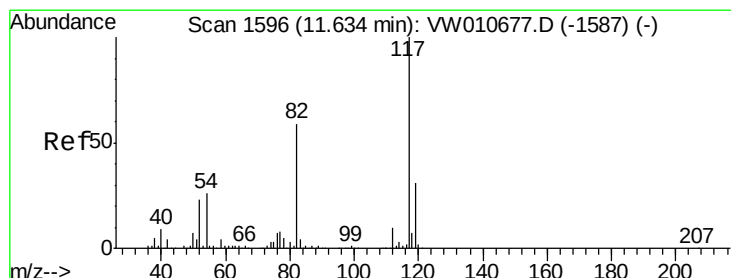
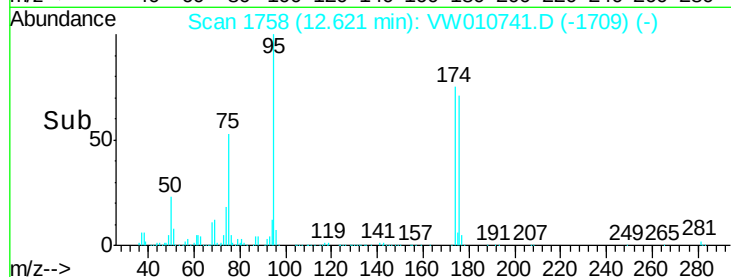
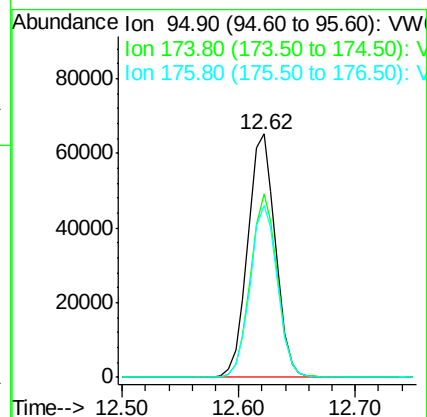
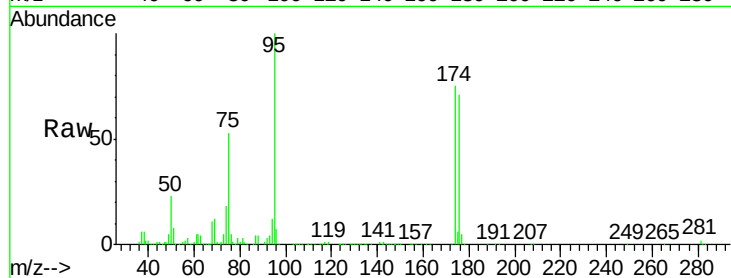
Tgt Ion: 95 Resp: 108246

Ion Ratio Lower Upper

95 100

174 73.3 0.0 150.4

176 69.6 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: VW010741.D

Acq: 10 Jun 2019 13:23

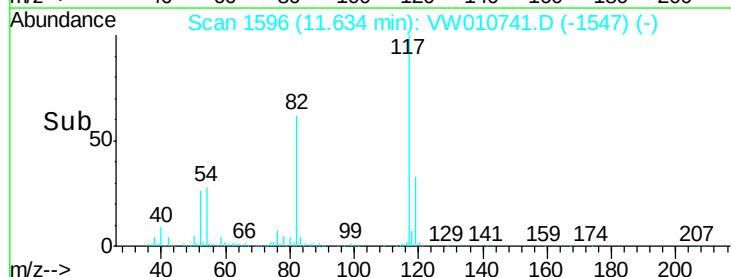
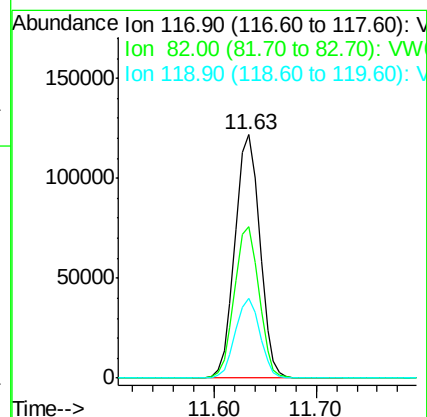
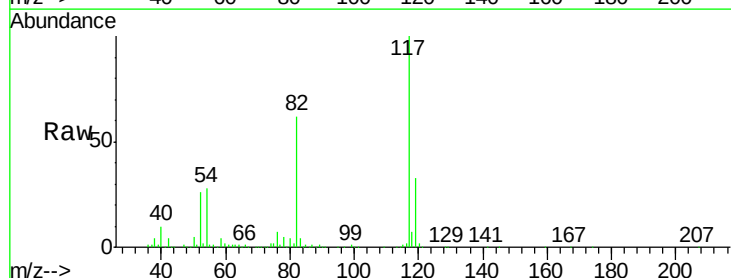
Tgt Ion: 117 Resp: 205290

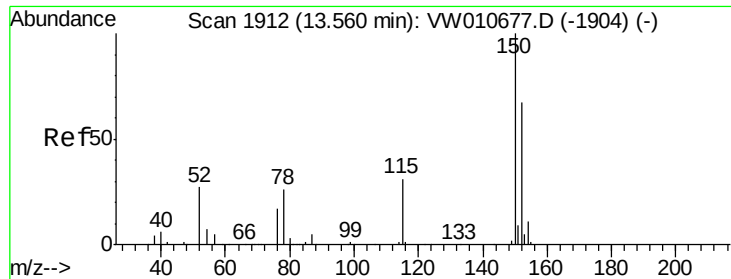
Ion Ratio Lower Upper

117 100

82 62.1 47.0 70.4

119 32.7 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: VW010741.D

Acq: 10 Jun 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

B-04-2.5-3.0

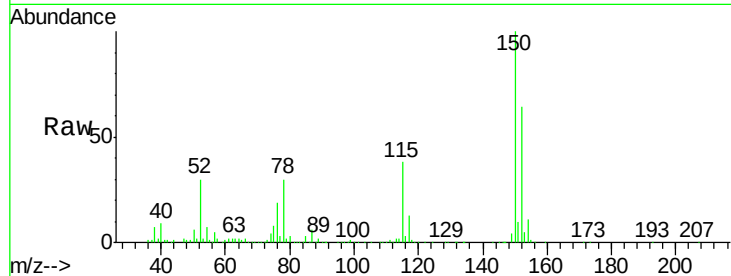
Tgt Ion:152 Resp: 90379

Ion Ratio Lower Upper

152 100

115 59.0 29.8 89.3

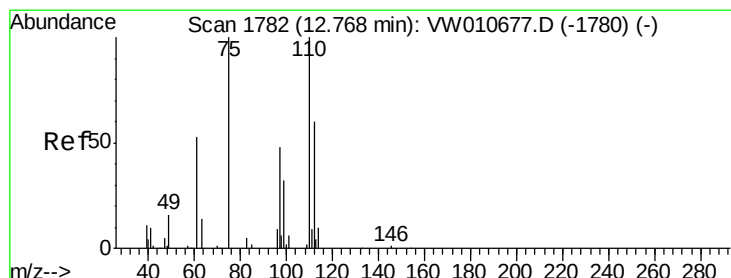
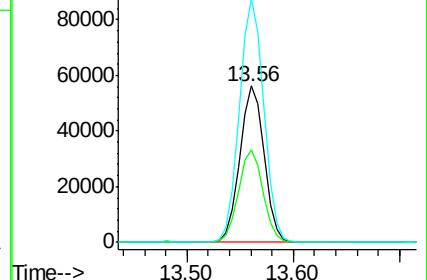
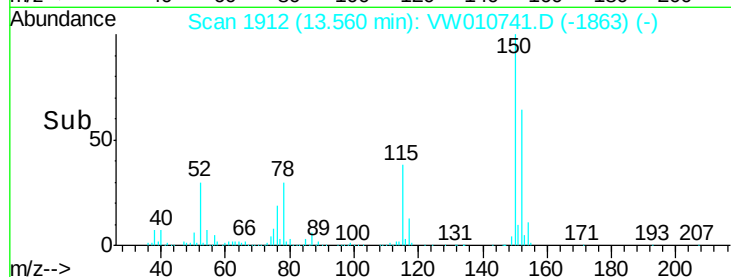
150 155.9 0.0 345.0



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: 61.316 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010741.D

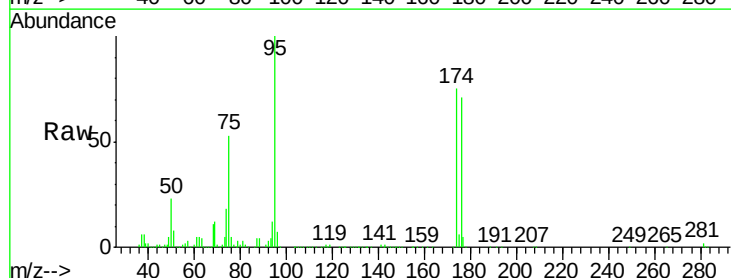
Acq: 10 Jun 2019 13:23

Tgt Ion: 75 Resp: 58195

Ion Ratio Lower Upper

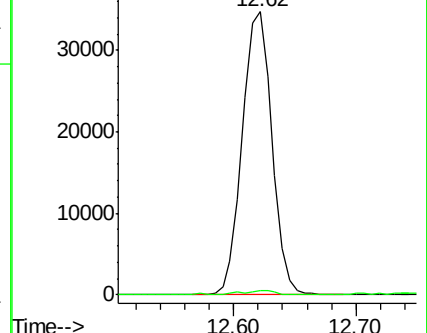
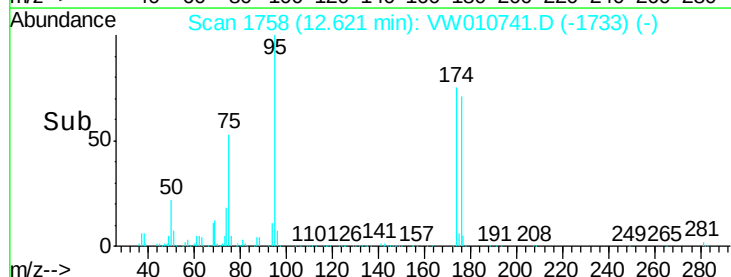
75 100

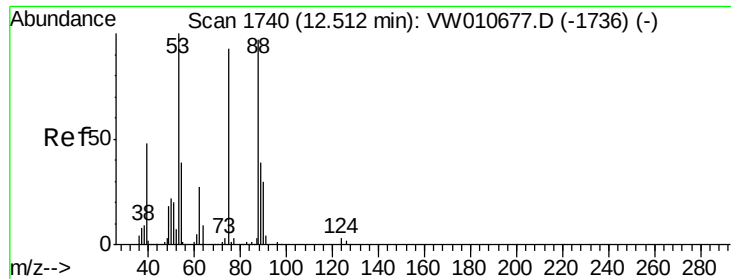
77 1.5 0.0 0.0#



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: 140.924 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010741.D

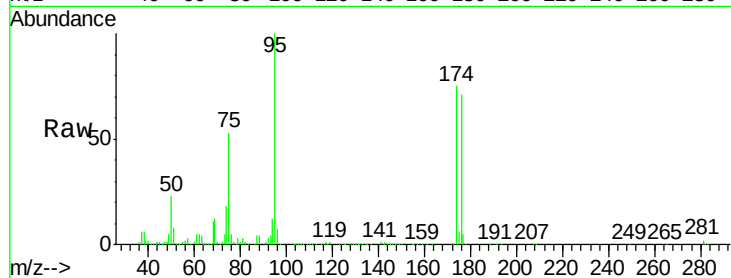
Acq: 10 Jun 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

B-04-2.5-3.0



Tgt Ion: 75 Resp: 58195

Ion Ratio Lower Upper

75 100

53 0.4 90.1 135.1#

89 0.1 34.6 52.0#

