

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102819\
 Data File : VW013769.D
 Acq On : 28 Oct 2019 16:23
 Operator : SY/VA
 Sample : K5539-14
 Misc : 6.33G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 164-10-(1)

Quant Time: Oct 29 11:47:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

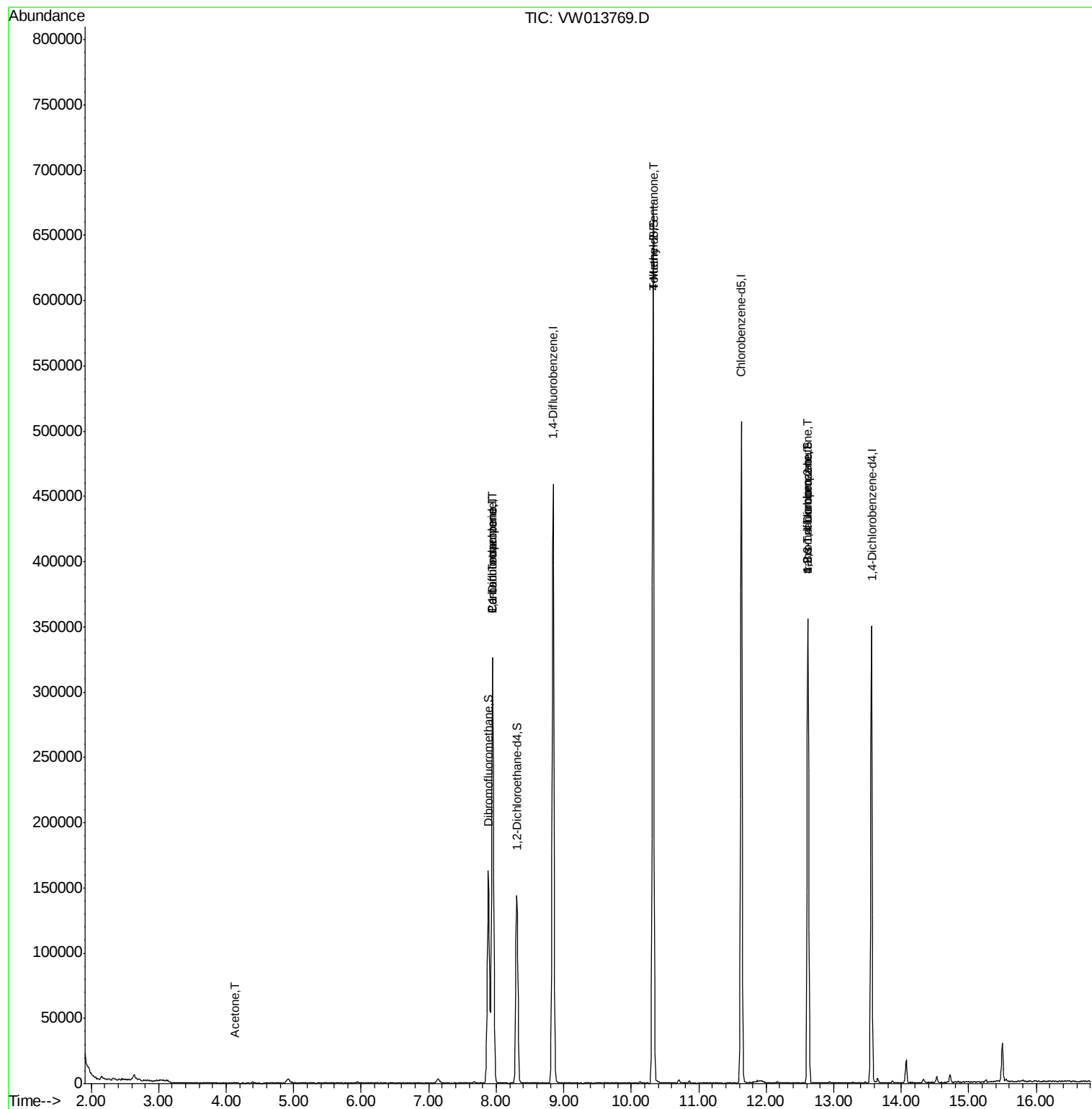
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	271091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	398061	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	303746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	101839	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	113692	55.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.82%	
35) Dibromofluoromethane	7.88	113	117970	53.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.68%	
50) Toluene-d8	10.32	98	447590	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.62	95	118423	38.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.62%	
Target Compounds						
16) Acetone	4.13	43	1260	2.922	ug/l	97
20) Methylene Chloride	4.92	84	3223	Below Cal	#	72
36) 1,1-Dichloropropene	7.94	75	17468	4.712	ug/l #	47
38) Carbon Tetrachloride	7.95	117	22732	6.809	ug/l #	14
51) 4-Methyl-2-Pentanone	10.32	43	1576	1.168	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	53885	73.679	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	53885	139.243	ug/l #	14

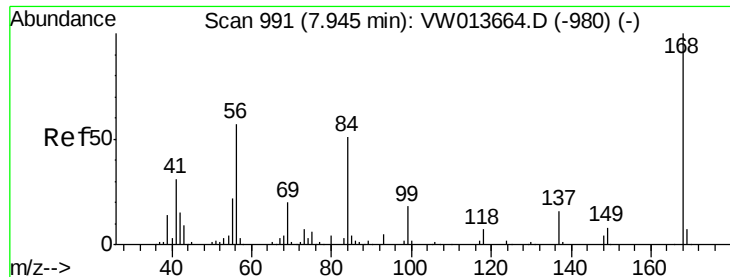
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102819\
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164-10-(1)

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Quant Title : SW846 8260
QLast Update : Wed Oct 23 14:11:46 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: VW013769.D

Acq: 28 Oct 2019 16:23

Instrument :

MSVOA_W

ClientSampleId :

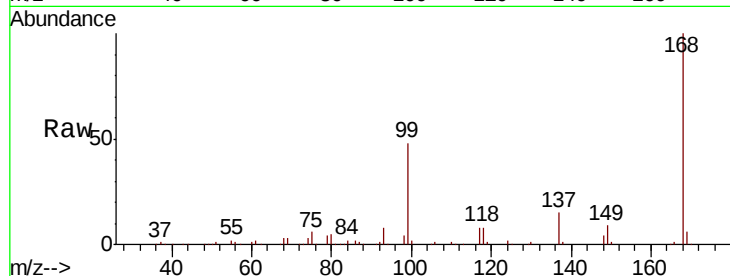
164-10-(1)

Tot Ion:168 Resp: 271091

Ion Ratio Lower Upper

168 100

99 48.4 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

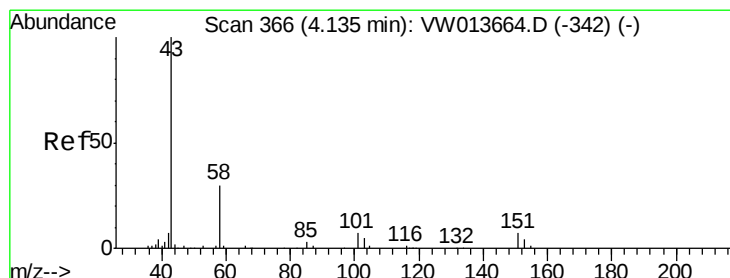
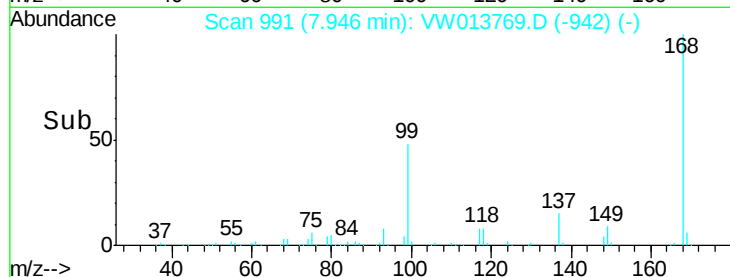
7.95

100000

50000

0

Time-->



#16

Acetone

Concen: 2.922 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW013769.D

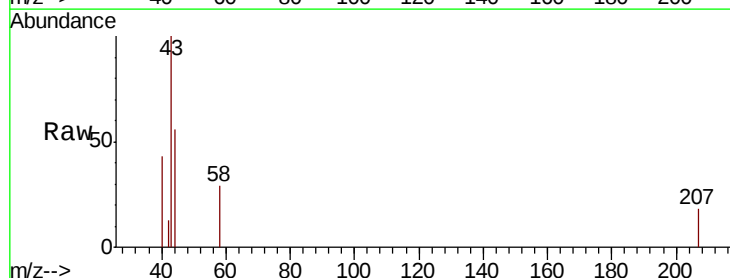
Acq: 28 Oct 2019 16:23

Tgt Ion: 43 Resp: 1260

Ion Ratio Lower Upper

43 100

58 28.6 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

500

400

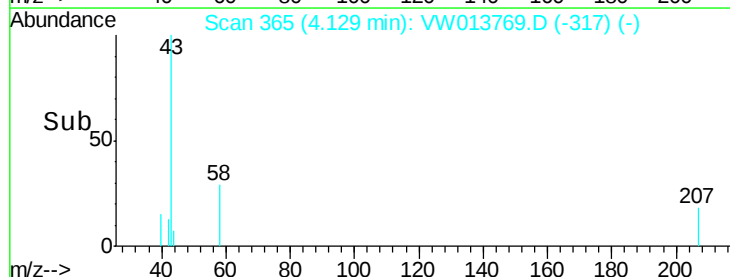
300

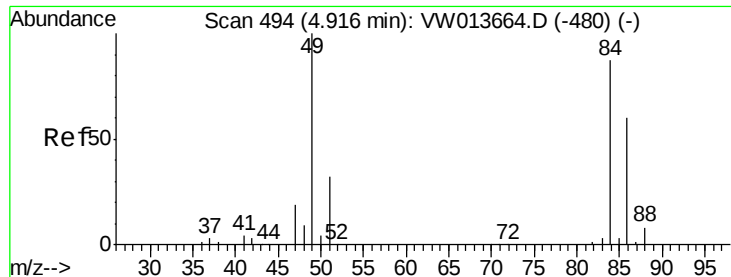
200

100

0

Time-->

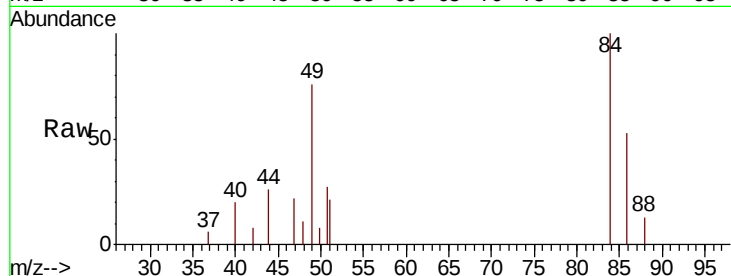




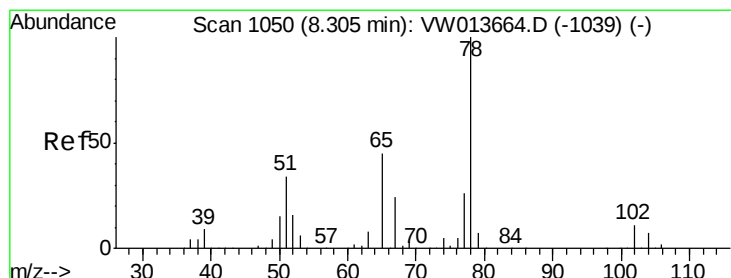
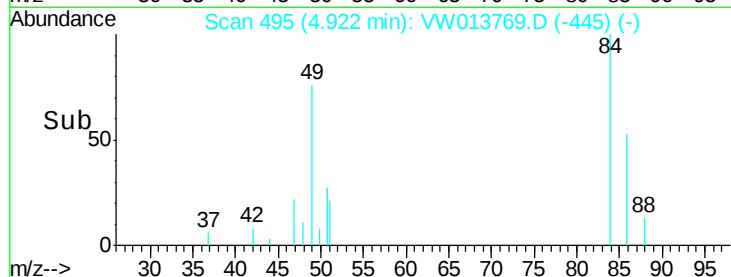
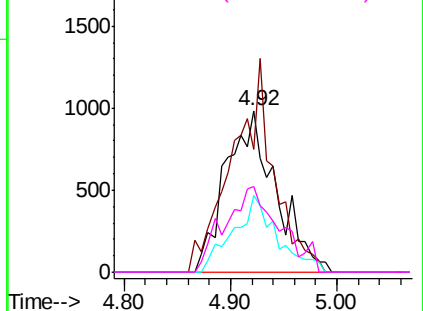
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW013769.D
Acq: 28 Oct 2019 16:23

Instrument :
MSVOA_W
ClientSampleId :
164-10-(1)

Tot Ion: 84 Resp: 3223
Ion Ratio Lower Upper
84 100
49 76.1 91.8 137.6#
51 47.9 29.8 44.6#
86 53.0 55.2 82.8#

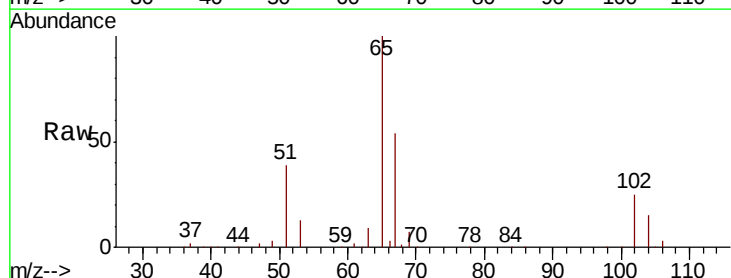


Abundance Ion 83.90 (83.60 to 84.60): VW
2000 Ion 48.90 (48.60 to 49.60): VW
1500 Ion 50.90 (50.60 to 51.60): VW
1000 Ion 85.90 (85.60 to 86.60): VW
500
0

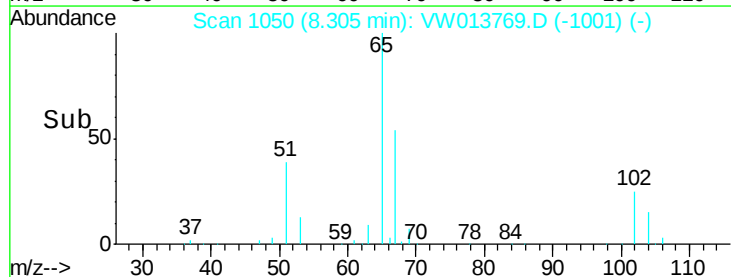
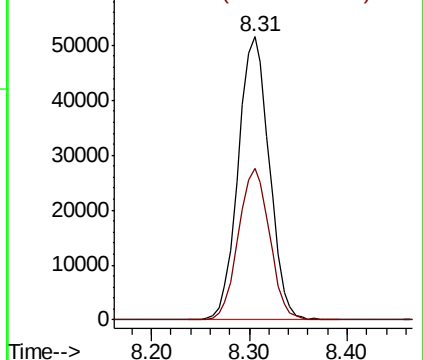


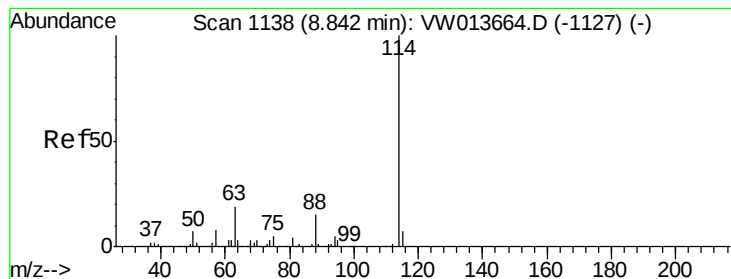
#33
1,2-Dichloroethane-d4
Concen: 55.906 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW013769.D
Acq: 28 Oct 2019 16:23

Tgt Ion: 65 Resp: 113692
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW
60000 Ion 66.90 (66.60 to 67.60): VW
50000
40000
30000
20000
10000
0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW013769.D

Acq: 28 Oct 2019 16:23

Instrument :

MSVOA_W

ClientSampleId :

164-10-(1)

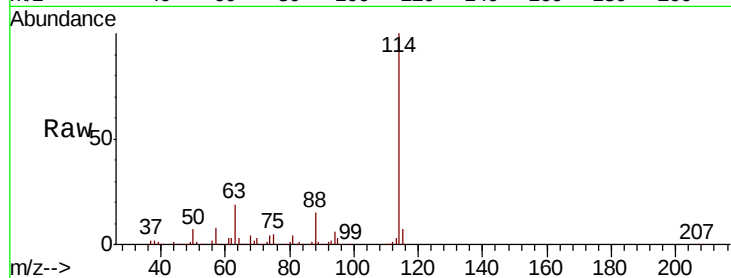
Tot Ion:114 Resp: 398061

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.6

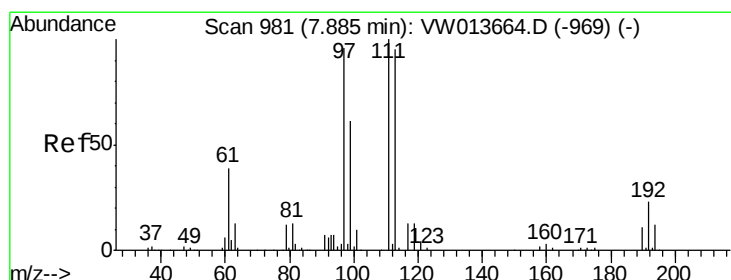
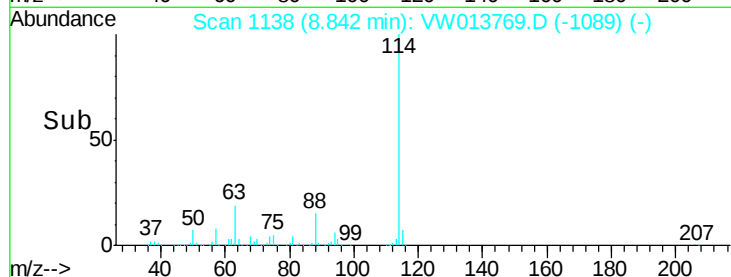
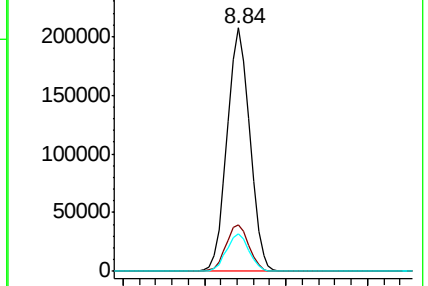
88 15.2 0.0 30.2



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: 53.336 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW013769.D

Acq: 28 Oct 2019 16:23

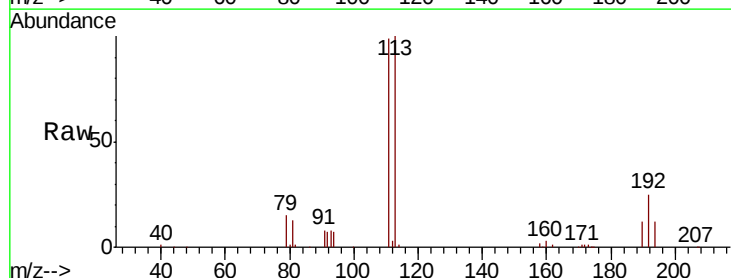
Tgt Ion:113 Resp: 117970

Ion Ratio Lower Upper

113 100

111 102.6 83.0 124.6

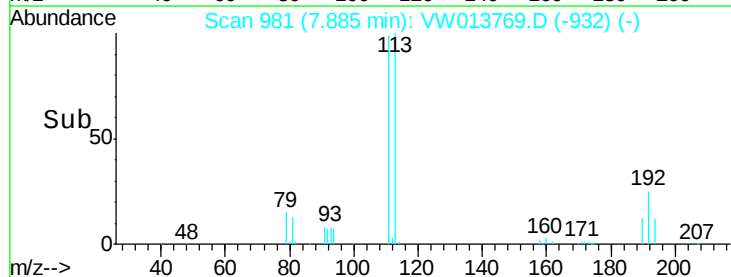
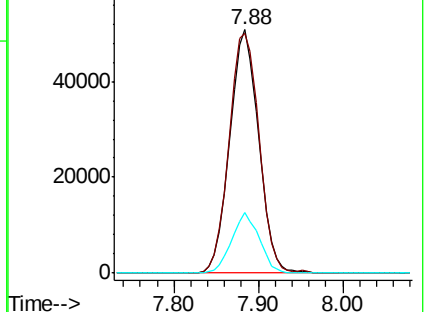
192 23.7 19.4 29.2

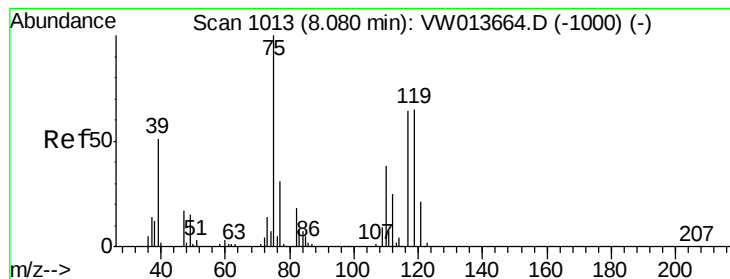


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.712 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW013769.D

Acq: 28 Oct 2019 16:23

Instrument :

MSVOA_W

ClientSampleId :

164-10-(1)

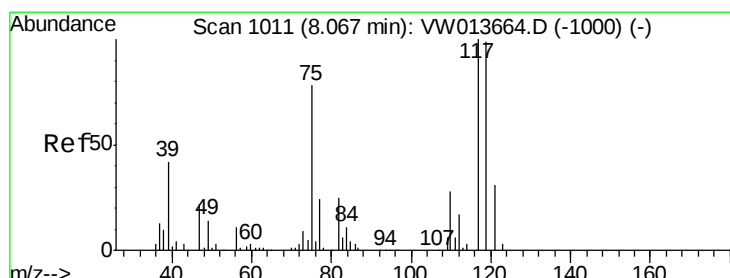
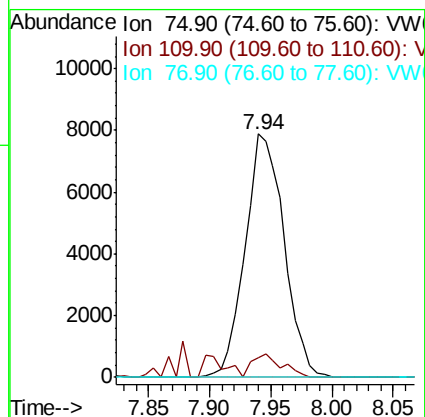
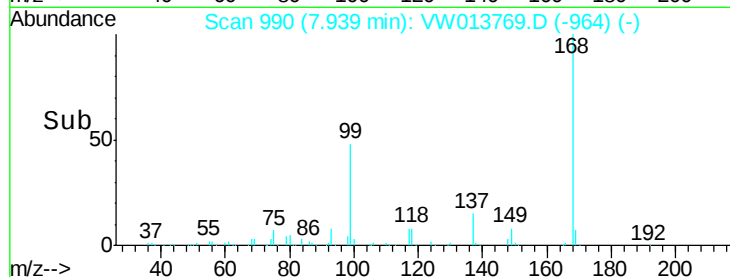
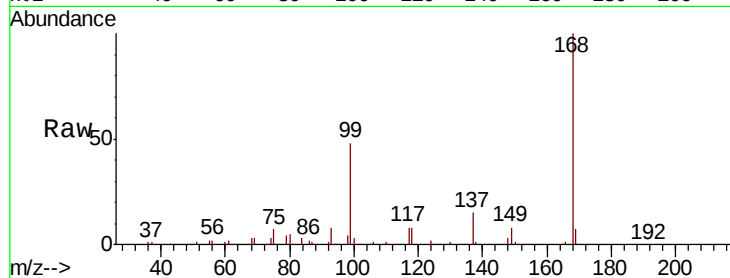
Tot Ion: 75 Resp: 17468

Ion Ratio Lower Upper

75 100

110 7.4 18.7 56.1#

77 0.0 25.4 38.0#



#38

Carbon Tetrachloride

Concen: 6.809 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW013769.D

Acq: 28 Oct 2019 16:23

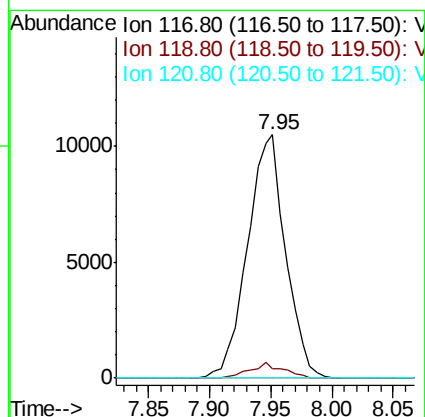
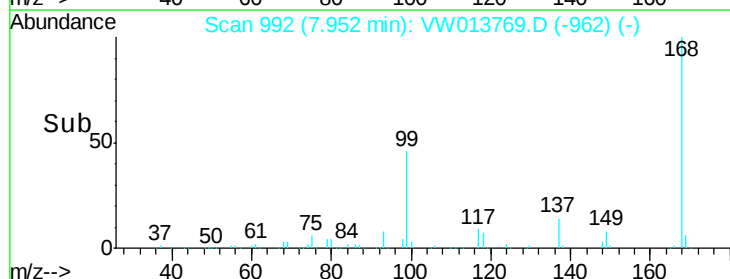
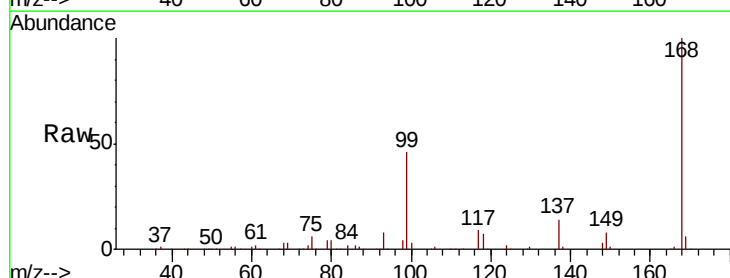
Tgt Ion: 117 Resp: 22732

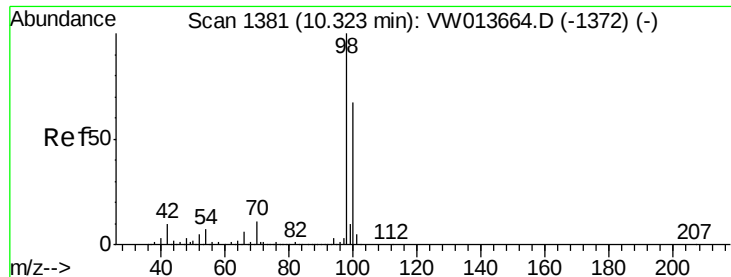
Ion Ratio Lower Upper

117 100

119 4.0 79.0 118.4#

121 0.0 24.5 36.7#





#50

Toluene-d8

Concen: 49.662 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013769.D

Acq: 28 Oct 2019 16:23

Instrument :

MSVOA_W

ClientSampleId :

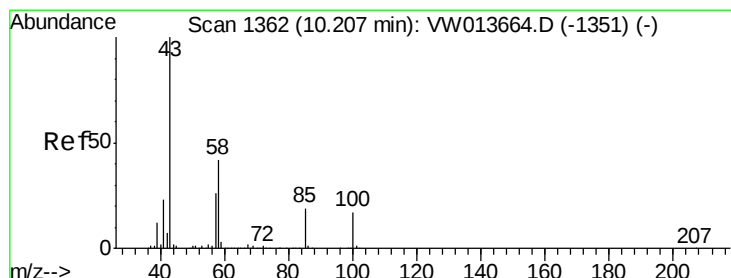
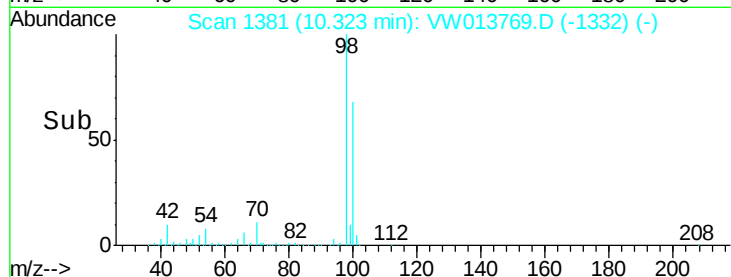
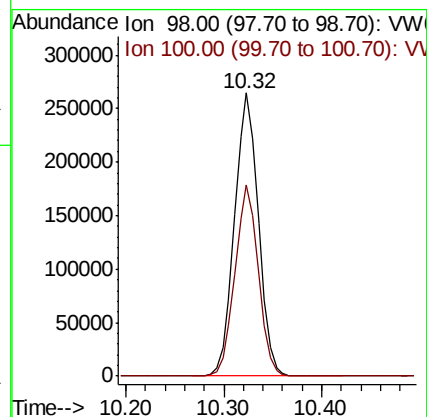
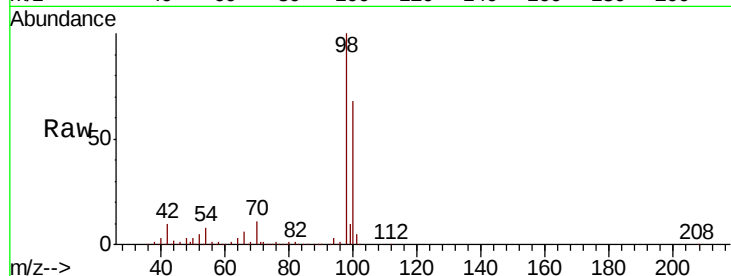
164-10-(1)

Tot Ion: 98 Resp: 447590

Ion Ratio Lower Upper

98 100

100 66.2 53.4 80.0



#51

4-Methyl-2-Pentanone

Concen: 1.168 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.12 min

Lab File: VW013769.D

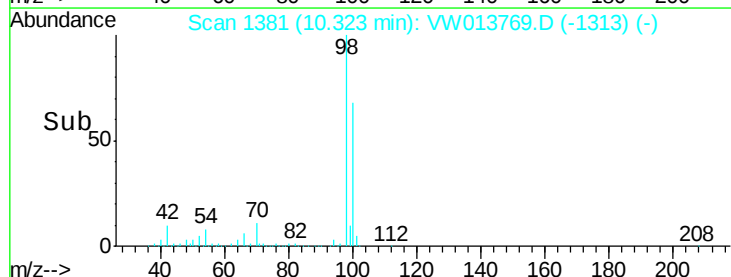
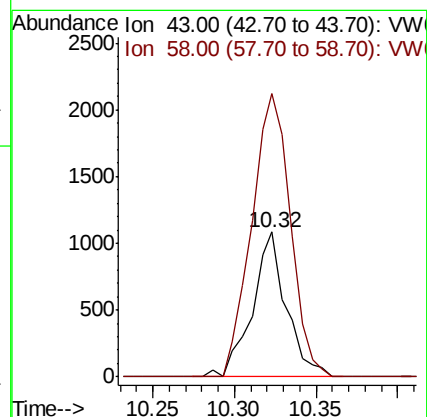
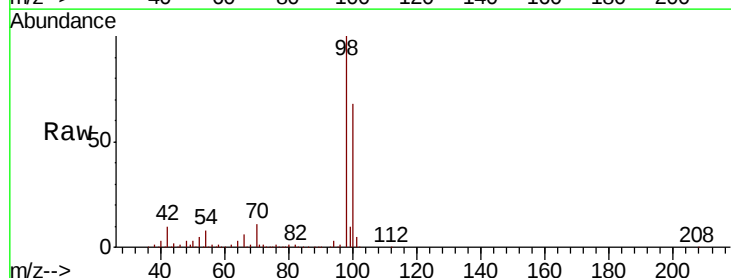
Acq: 28 Oct 2019 16:23

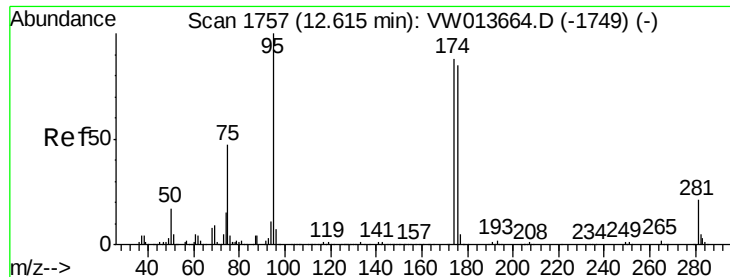
Tgt Ion: 43 Resp: 1576

Ion Ratio Lower Upper

43 100

58 221.3 32.6 49.0#





#62

4-Bromofluorobenzene

Concen: 38.805 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013769.D

Acq: 28 Oct 2019 16:23

Instrument :

MSVOA_W

ClientSampleId :

164-10-(1)

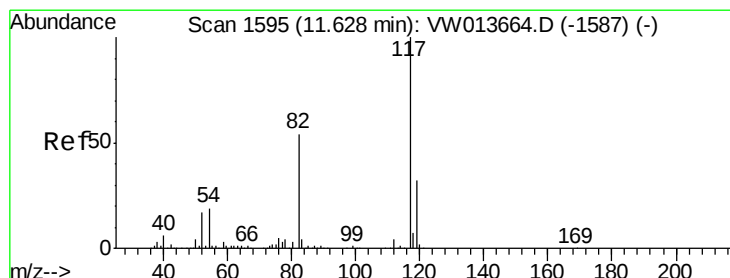
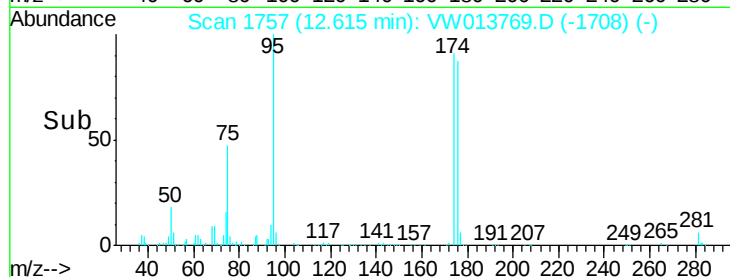
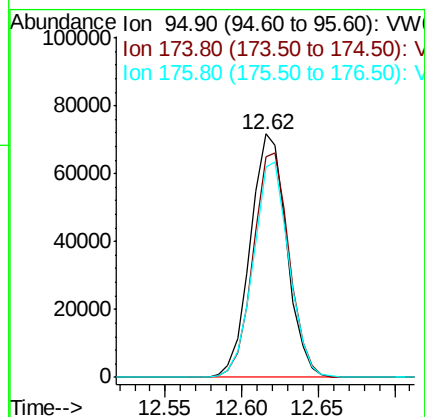
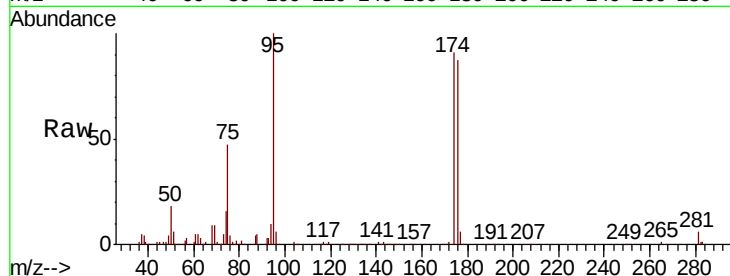
Tot Ion: 95 Resp: 118423

Ion Ratio Lower Upper

95 100

174 91.6 0.0 183.6

176 87.3 0.0 178.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. 0.00 min

Lab File: VW013769.D

Acq: 28 Oct 2019 16:23

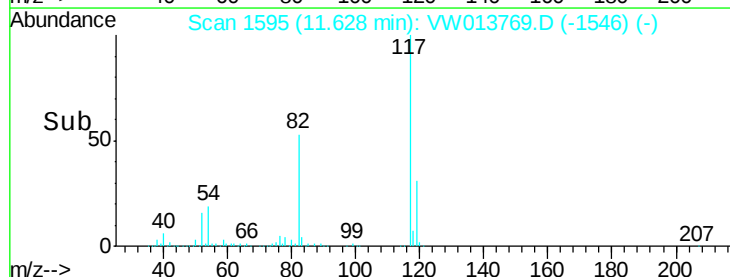
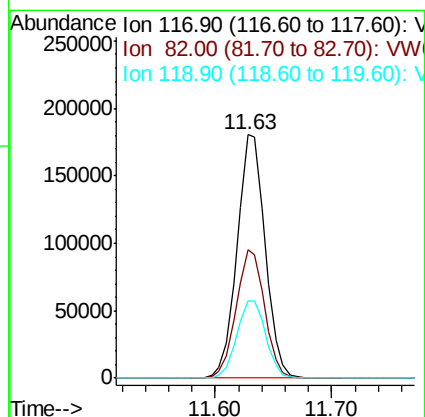
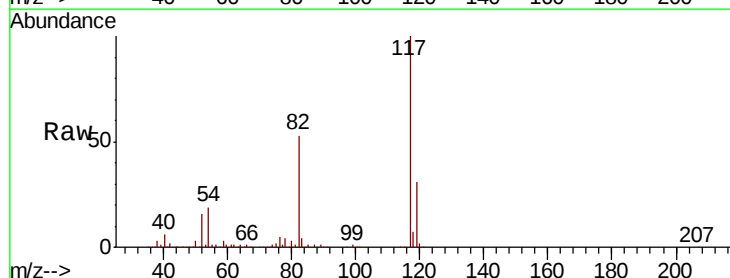
Tgt Ion: 117 Resp: 303746

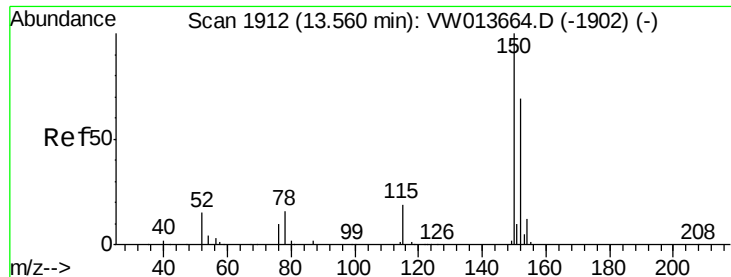
Ion Ratio Lower Upper

117 100

82 52.7 43.6 65.4

119 31.5 25.4 38.2



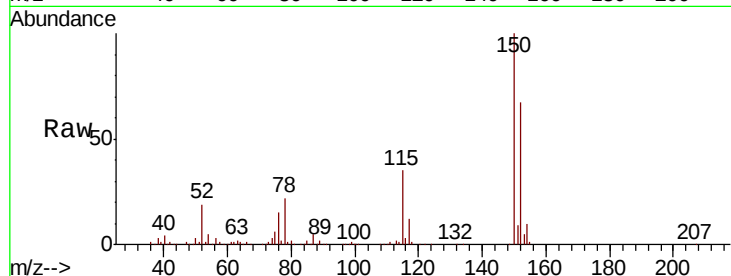


#72

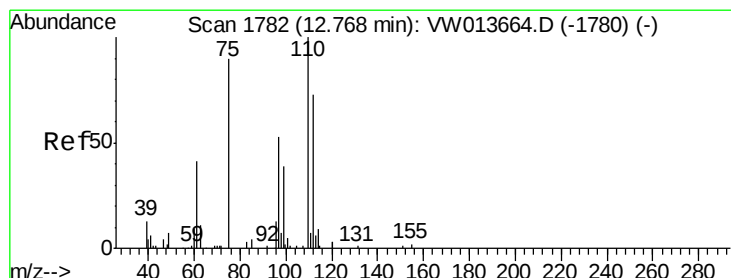
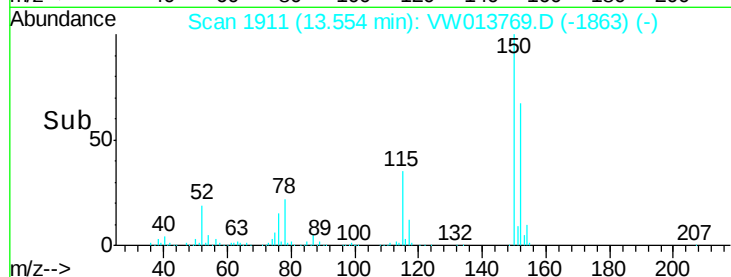
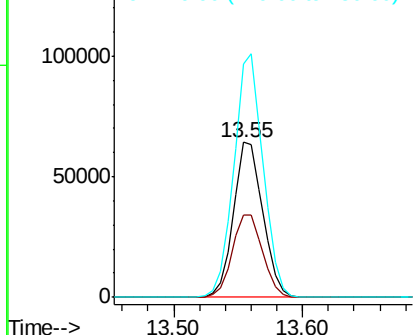
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013769.D
Acq: 28 Oct 2019 16:23

Instrument :
MSVOA_W
ClientSampled :
164-10-(1)

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.1	27.4	82.2
150	155.6	0.0	345.4



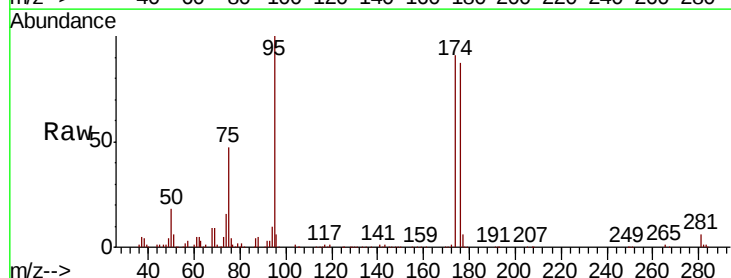
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



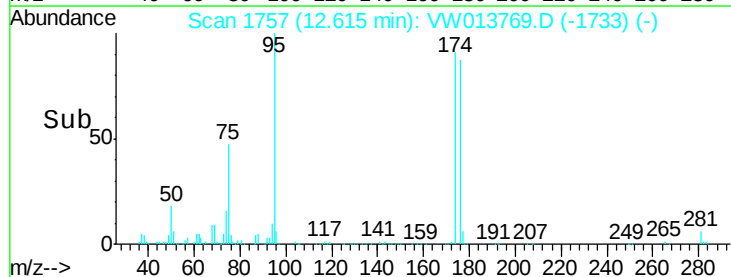
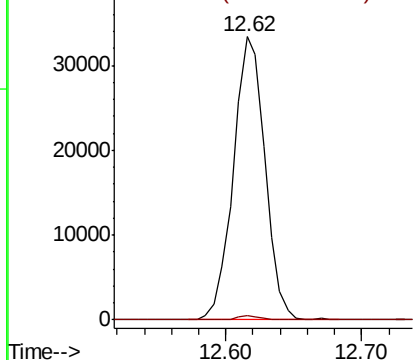
#76

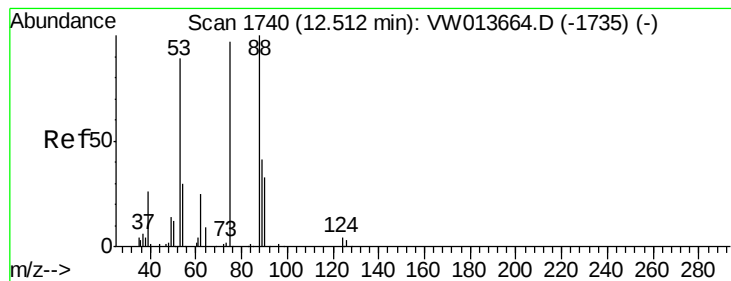
1,2,3-Trichloropropane
Concen: 73.679 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW013769.D
Acq: 28 Oct 2019 16:23

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.1	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: 139.243 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013769.D

Acq: 28 Oct 2019 16:23

Instrument :

MSVOA_W

ClientSampleId :

164-10-(1)

Tot Ion: 75 Resp: 53885

Ion Ratio Lower Upper

75 100

53 0.1 71.7 107.5#

89 0.0 35.8 53.8#

