

Data File : VW013987.D
Acq On : 12 Nov 2019 20:24
Operator : SY/VA
Sample : K5788-05
Misc : 6.26G/5.0ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
B-5

Quant Time: Nov 13 06:45:42 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

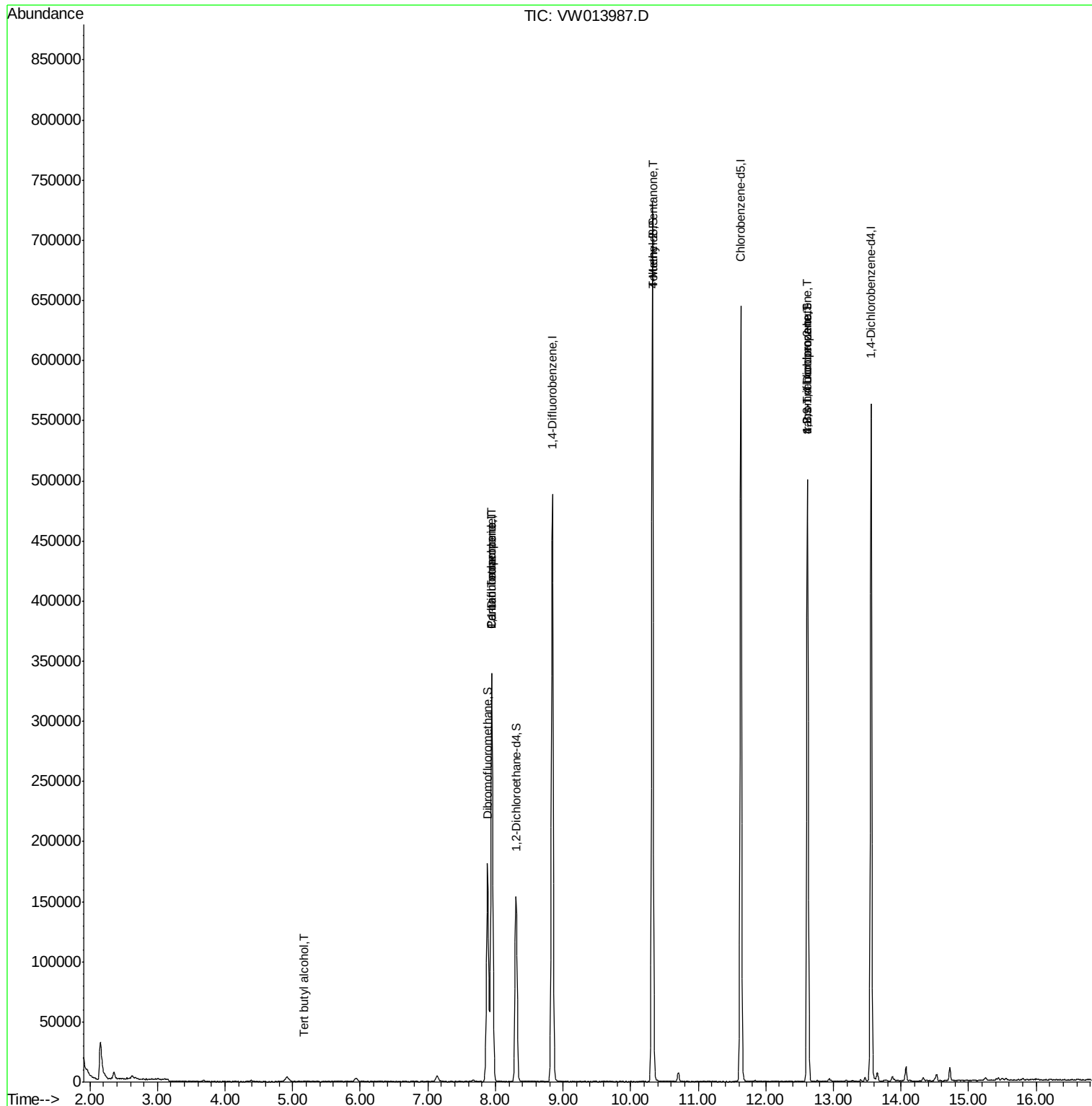
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	281094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	436617	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	374465	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	162973	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	122859	58.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.52%	
35) Dibromofluoromethane	7.88	113	128902	53.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.26%	
50) Toluene-d8	10.32	98	502804	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.62	95	156559	46.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.54%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.17	59	301	2.391	ug/l #	71
20) Methylene Chloride	4.92	84	3763	Below Cal	#	84
36) 1,1-Dichloropropene	7.95	75	17812	4.380	ug/l #	47
38) Carbon Tetrachloride	7.95	117	25204	6.883	ug/l #	16
51) 4-Methyl-2-Pentanone	10.32	43	2023	1.366	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	75506	64.514	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	75506	121.923	ug/l #	14

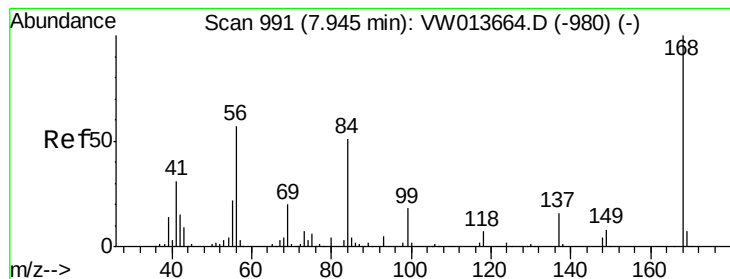
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW013987.D
Acq On : 12 Nov 2019 20:24
Operator : SY/VA
Sample : K5788-05
Misc : 6.26G/5.0ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
B-5

Quant Time: Nov 13 06:45:42 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW013987.D

Acq: 12 Nov 2019 20:24

Instrument :

MSVOA_W

ClientSampleId :

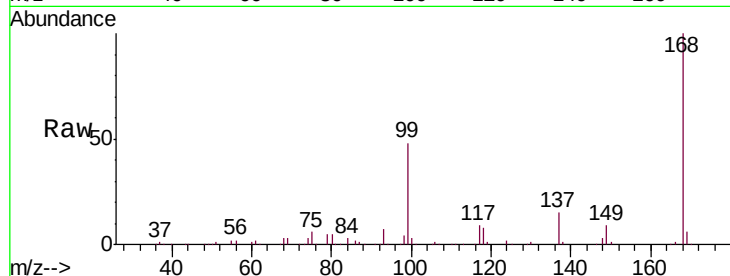
B-5

Tgt Ion: 168 Resp: 281094

Ion Ratio Lower Upper

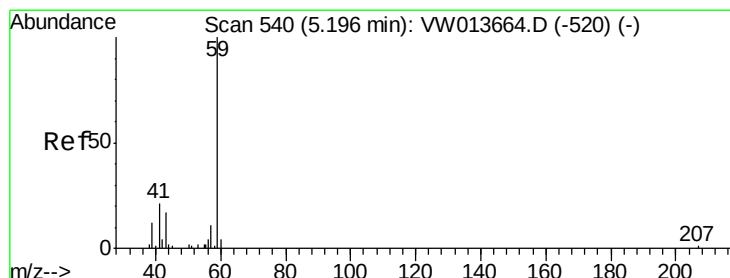
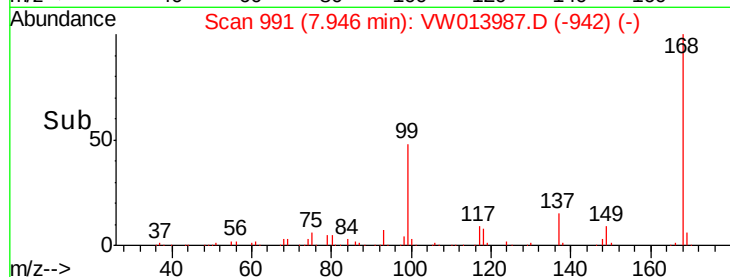
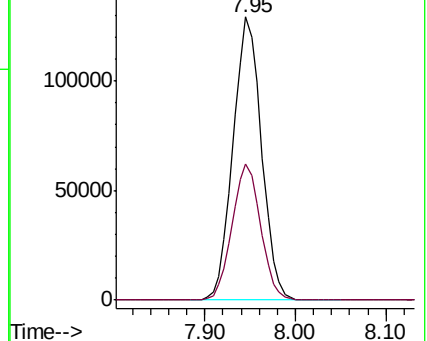
168 100

99 48.1 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.391 ug/l

RT: 5.17 min Scan# 535

Delta R.T. -0.03 min

Lab File: VW013987.D

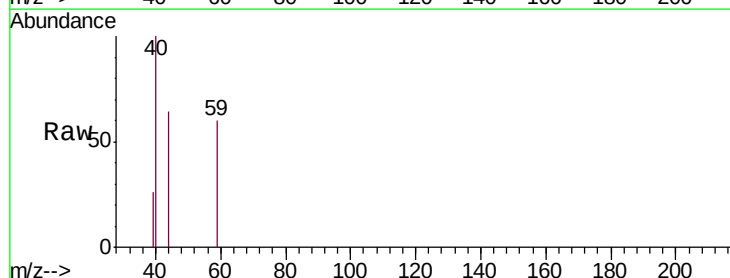
Acq: 12 Nov 2019 20:24

Tgt Ion: 59 Resp: 301

Ion Ratio Lower Upper

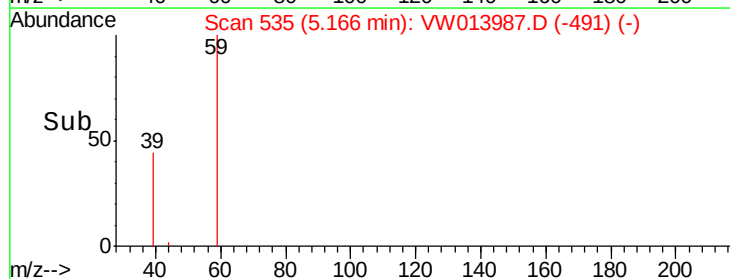
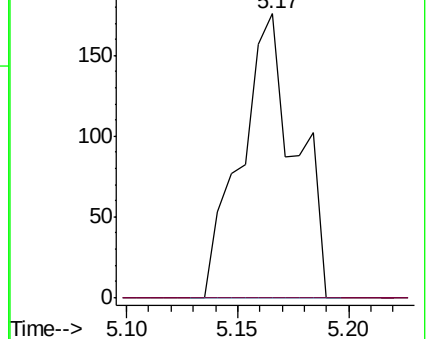
59 100

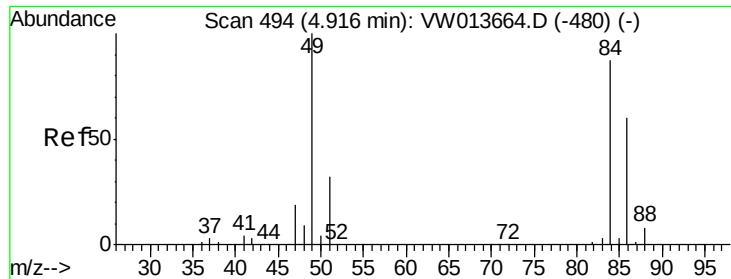
57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

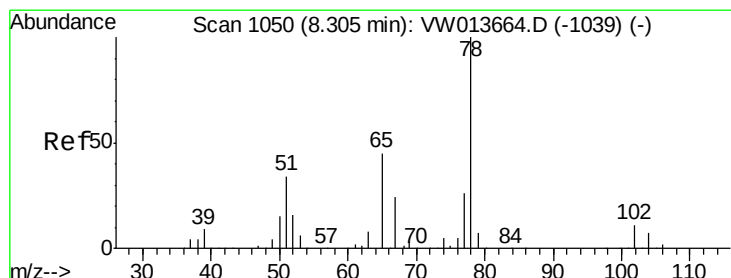
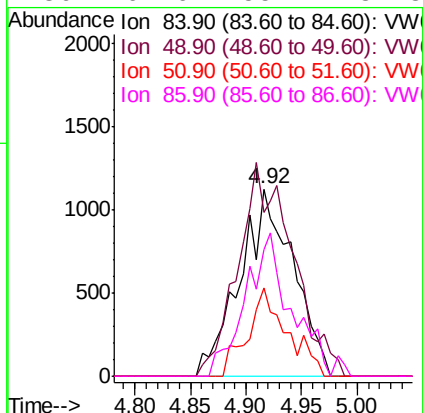
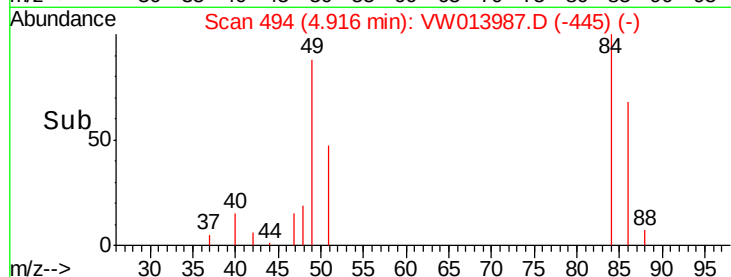
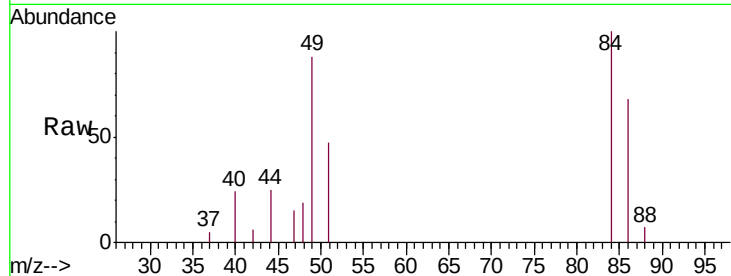




#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW013987.D
Acq: 12 Nov 2019 20:24

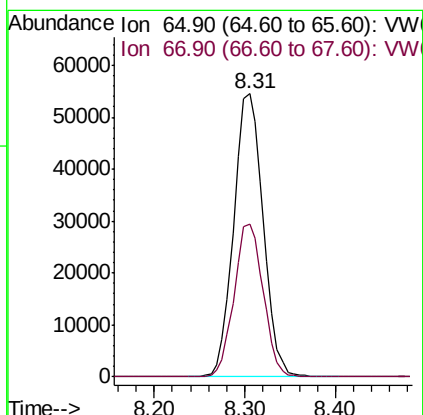
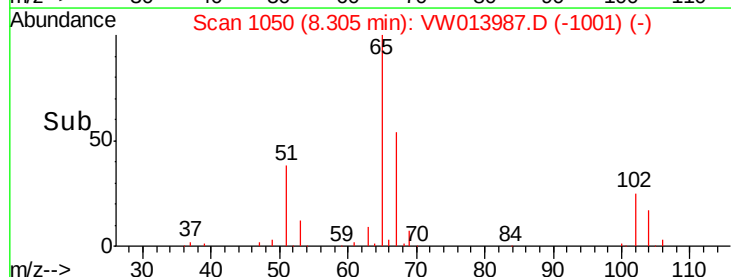
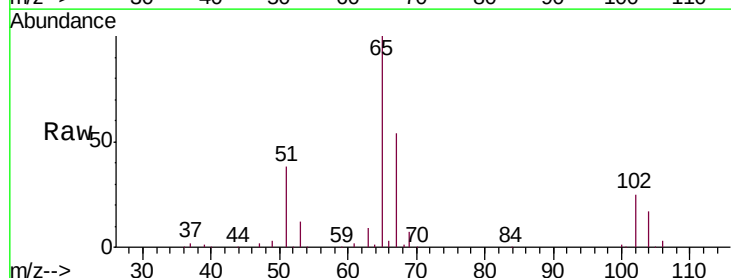
Instrument :
MSVOA_W
ClientSampleId :
B-5

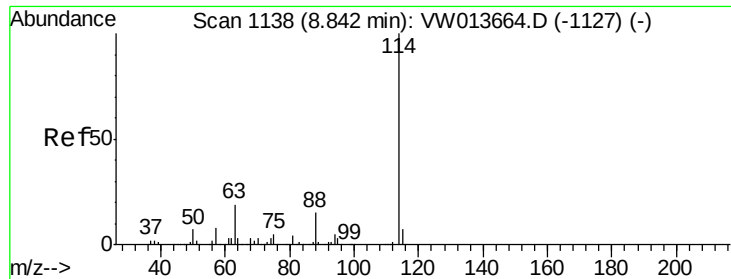
Tgt Ion: 84 Resp: 3763
Ion Ratio Lower Upper
84 100
49 87.7 91.8 137.6#
51 47.0 29.8 44.6#
86 67.6 55.2 82.8



#33
1,2-Dichloroethane-d4
Concen: 58.264 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW013987.D
Acq: 12 Nov 2019 20:24

Tgt Ion: 65 Resp: 122859
Ion Ratio Lower Upper
65 100
67 53.4 0.0 109.4

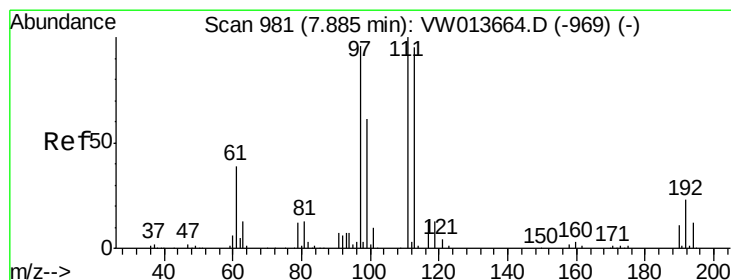
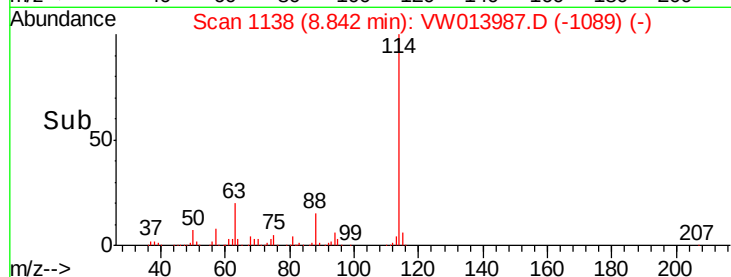
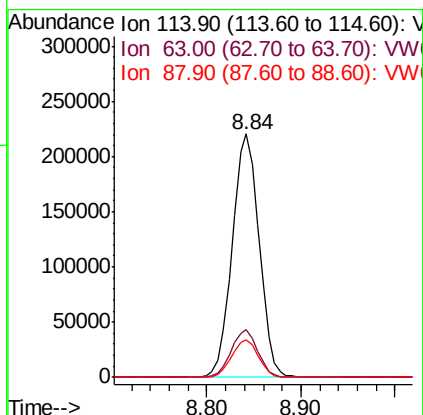
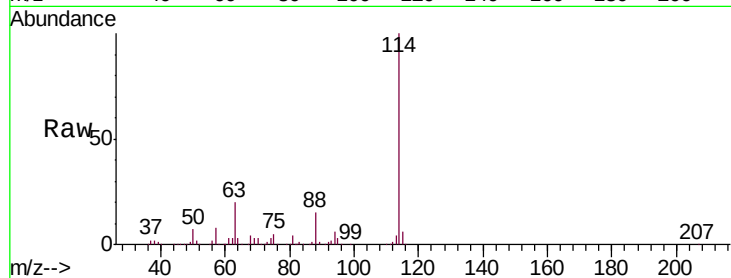




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013987.D
 Acq: 12 Nov 2019 20:24

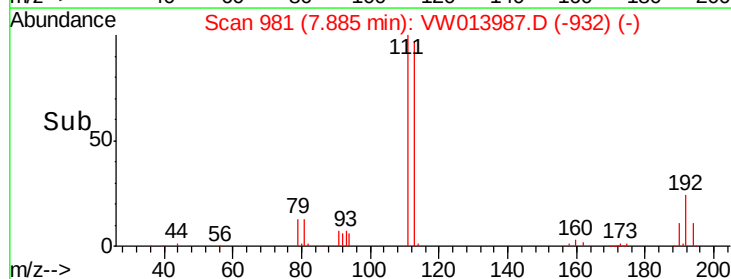
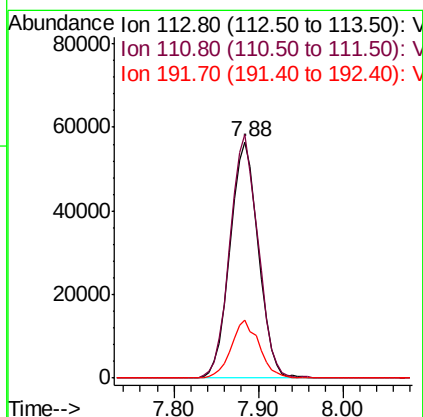
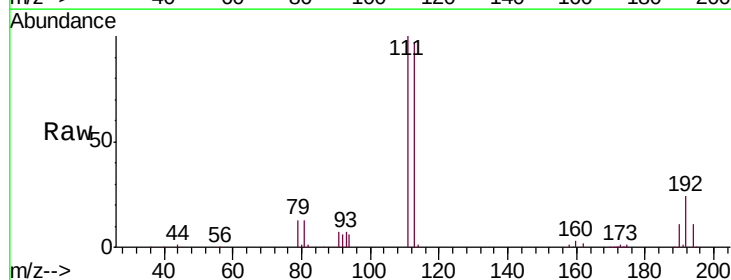
Instrument :
 MSVOA_W
 ClientSampleId :
 B-5

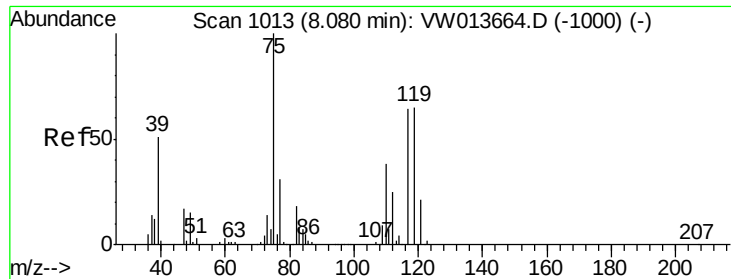
Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	37.6
88	15.3	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 53.132 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW013987.D
 Acq: 12 Nov 2019 20:24

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.0	124.6
192	24.1	19.4	29.2





#36

1,1-Dichloropropene

Concen: 4.380 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW013987.D

Acq: 12 Nov 2019 20:24

Instrument :

MSVOA_W

ClientSampled :

B-5

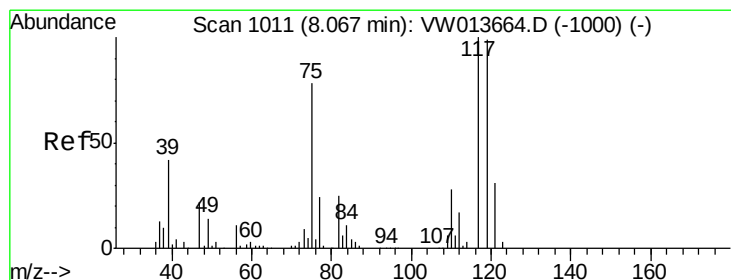
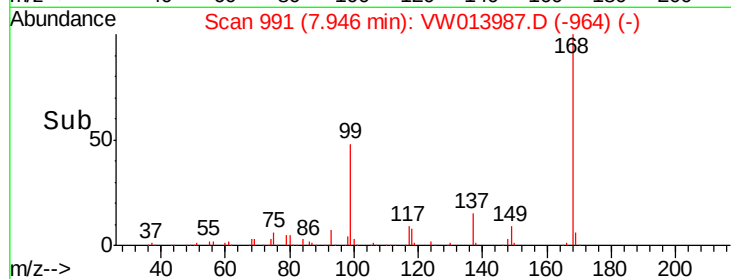
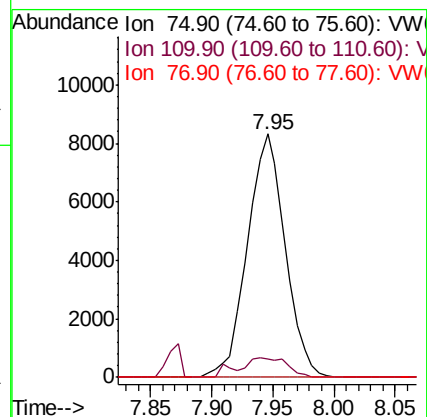
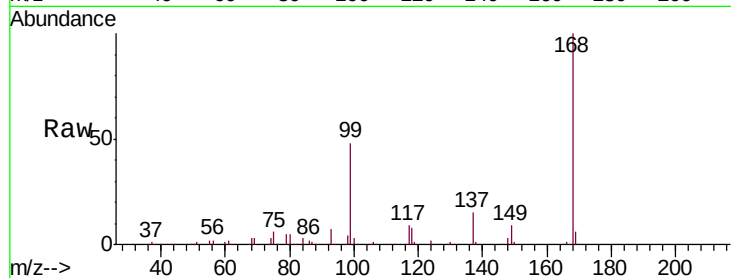
Tgt Ion: 75 Resp: 17812

Ion Ratio Lower Upper

75 100

110 8.3 18.7 56.1#

77 0.0 25.4 38.0#



#38

Carbon Tetrachloride

Concen: 6.883 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW013987.D

Acq: 12 Nov 2019 20:24

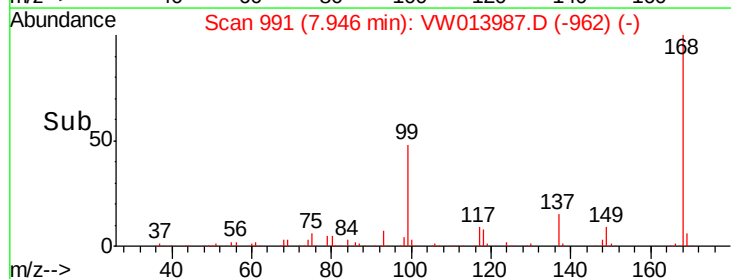
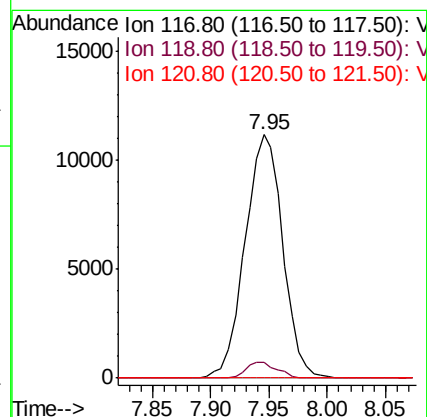
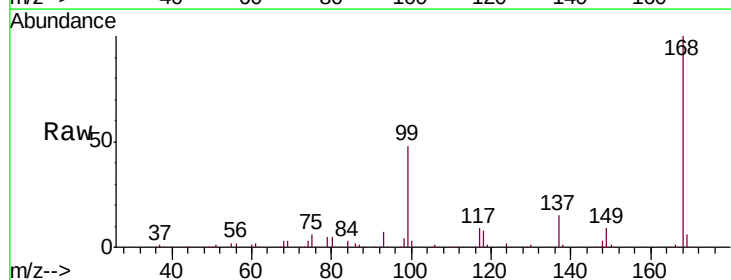
Tgt Ion: 117 Resp: 25204

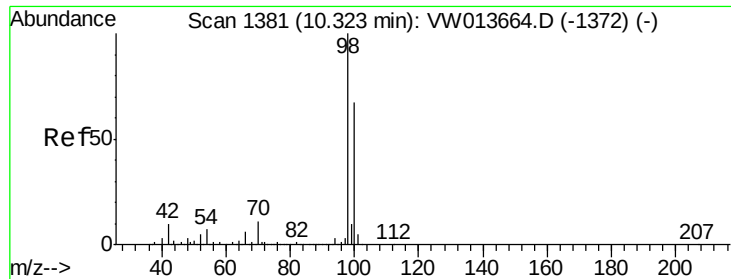
Ion Ratio Lower Upper

117 100

119 6.6 79.0 118.4#

121 0.0 24.5 36.7#





#50

Toluene-d8

Concen: 50.862 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013987.D

Acq: 12 Nov 2019 20:24

Instrument :

MSVOA_W

ClientSampleId :

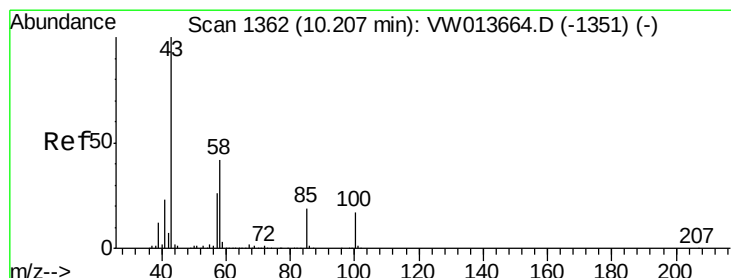
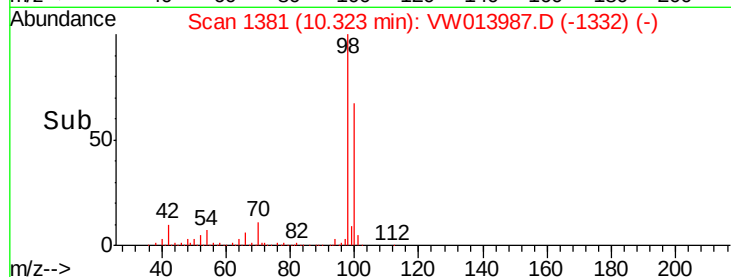
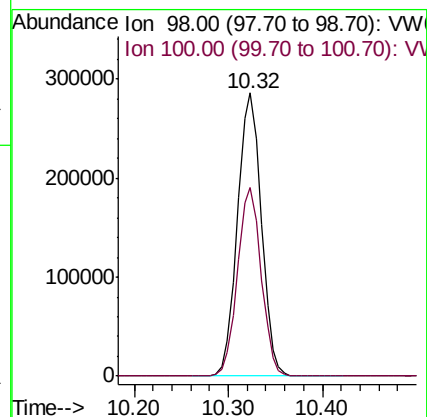
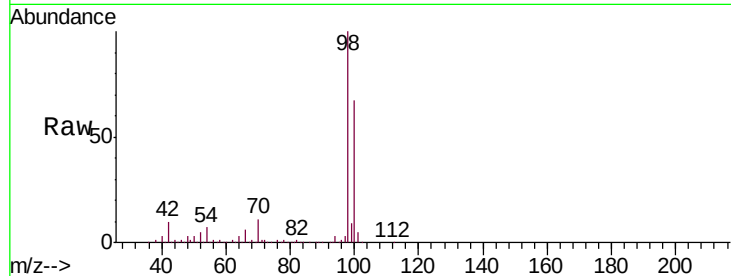
B-5

Tgt Ion: 98 Resp: 502804

Ion Ratio Lower Upper

98 100

100 66.1 53.4 80.0



#51

4-Methyl-2-Pentanone

Concen: 1.366 ug/l

RT: 10.32 min Scan# 1380

Delta R.T. 0.11 min

Lab File: VW013987.D

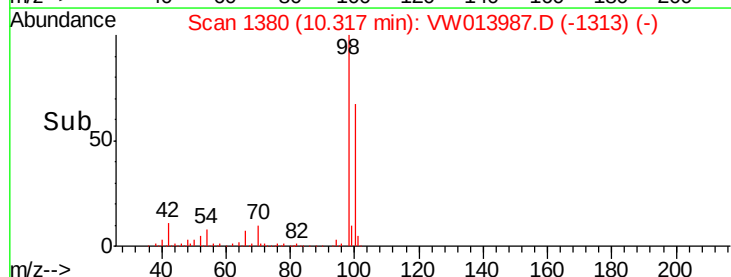
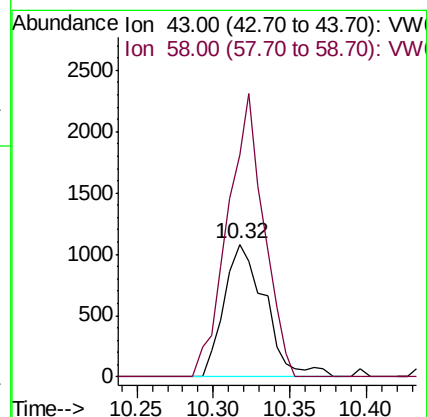
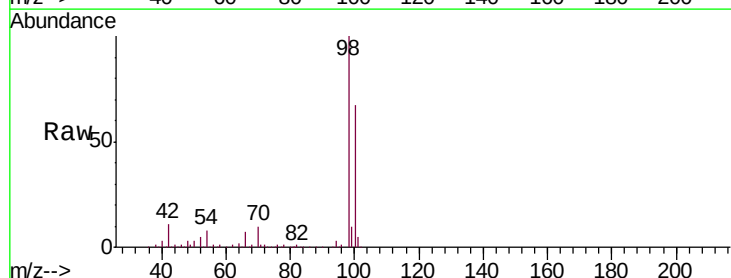
Acq: 12 Nov 2019 20:24

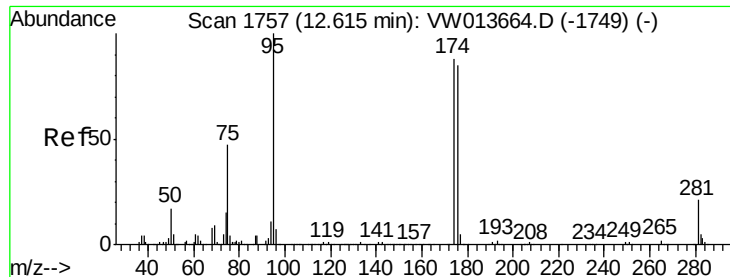
Tgt Ion: 43 Resp: 2023

Ion Ratio Lower Upper

43 100

58 188.3 32.6 49.0#

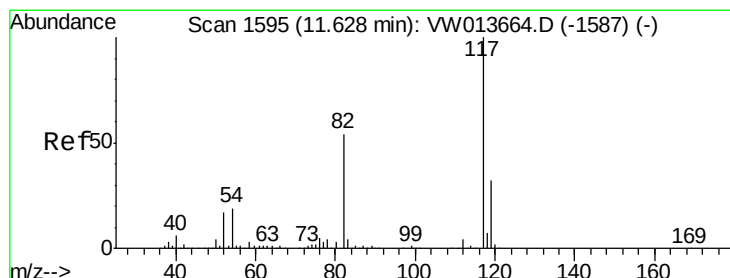
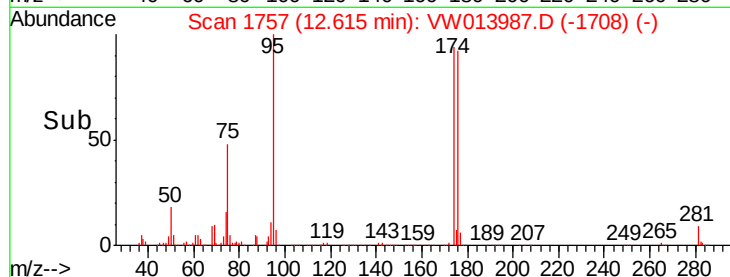
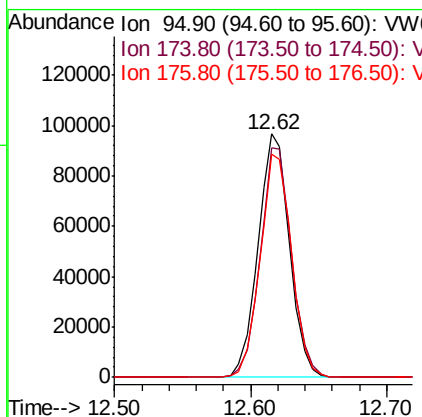
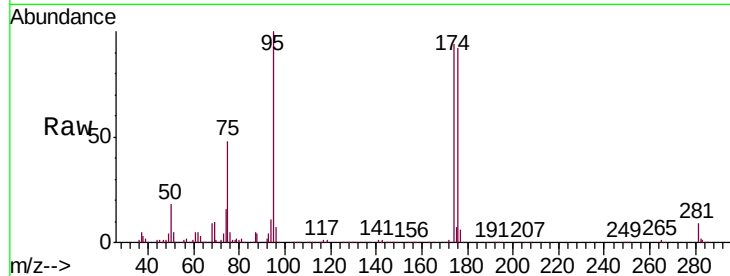




#62
4-Bromofluorobenzene
Concen: 46.771 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013987.D
Acq: 12 Nov 2019 20:24

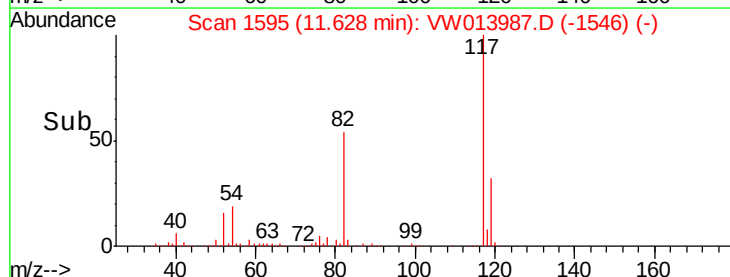
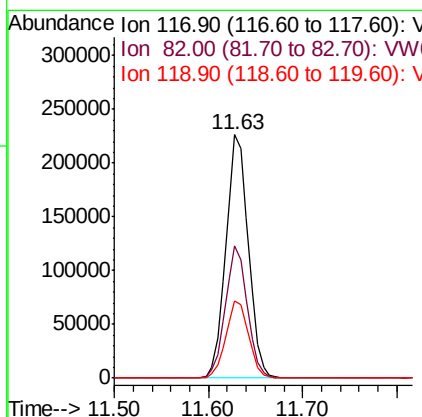
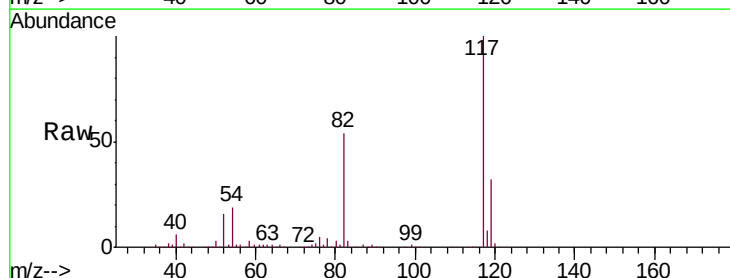
Instrument :
MSVOA_W
ClientSampleId :
B-5

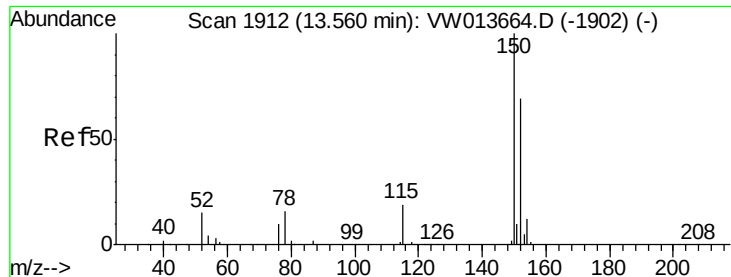
Tgt Ion: 95 Resp: 156559
Ion Ratio Lower Upper
95 100
174 93.9 0.0 183.6
176 91.9 0.0 178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013987.D
Acq: 12 Nov 2019 20:24

Tgt Ion: 117 Resp: 374465
Ion Ratio Lower Upper
117 100
82 54.5 43.6 65.4
119 31.6 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW013987.D

Acq: 12 Nov 2019 20:24

Instrument :

MSVOA_W

ClientSampled :

B-5

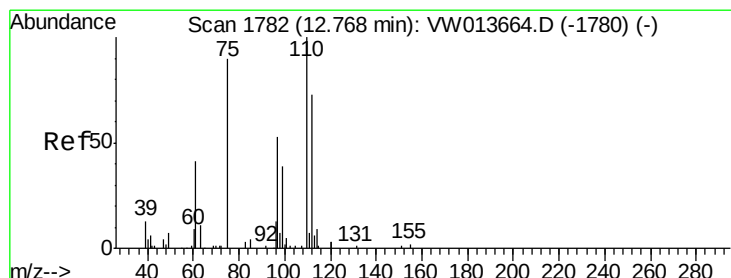
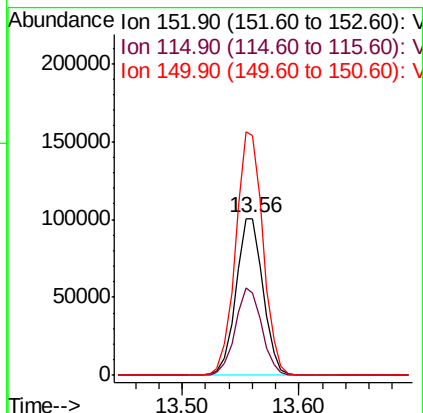
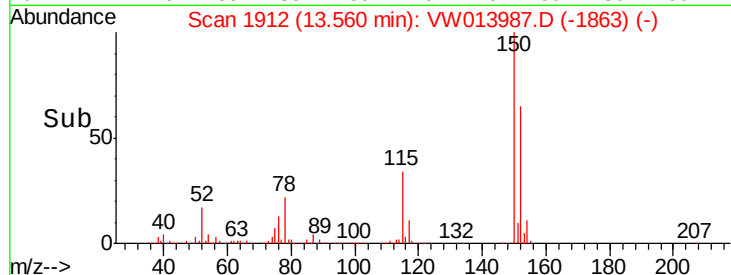
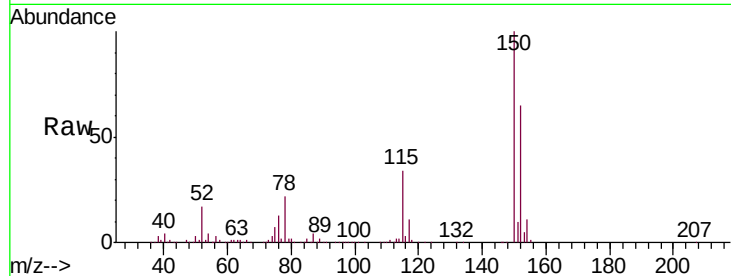
Tgt Ion:152 Resp: 162973

Ion Ratio Lower Upper

152 100

115 54.5 27.4 82.2

150 156.2 0.0 345.4



#76

1,2,3-Trichloropropane

Concen: 64.514 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013987.D

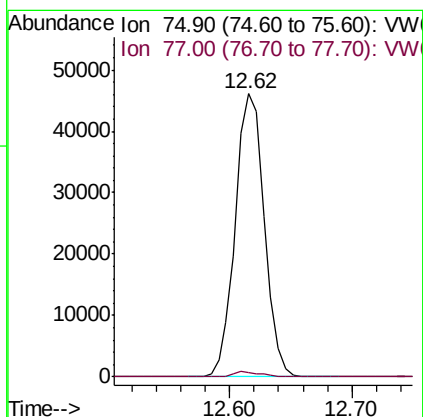
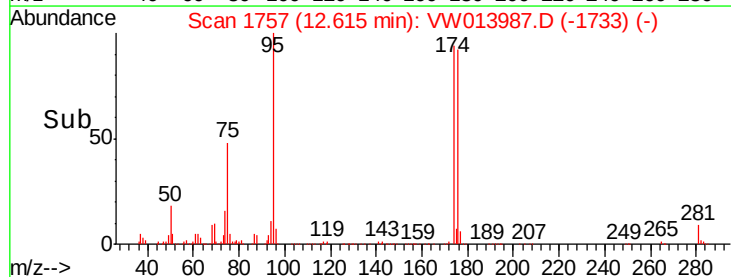
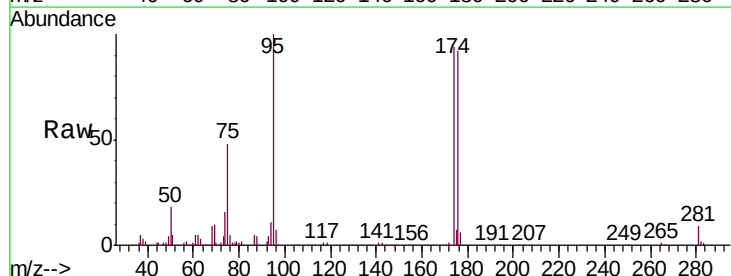
Acq: 12 Nov 2019 20:24

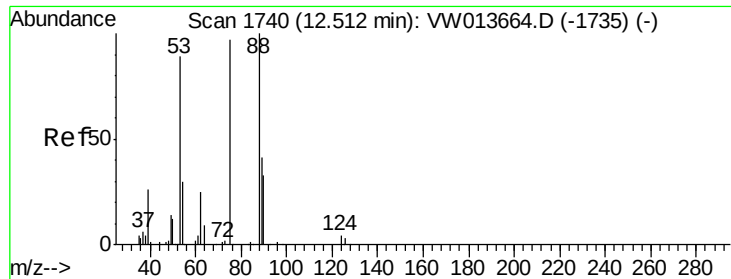
Tgt Ion: 75 Resp: 75506

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 121.923 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013987.D

Acq: 12 Nov 2019 20:24

Instrument :

MSVOA_W

ClientSampleId :

B-5

Tgt Ion: 75 Resp: 75506

Ion Ratio Lower Upper

75 100

53 0.1 71.7 107.5#

89 0.0 35.8 53.8#

