

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102419\
 Data File : VW013720.D
 Acq On : 24 Oct 2019 19:20
 Operator : SY/VA
 Sample : K5502-04RE
 Misc : 5.61G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 181-50-(2)

Quant Time: Oct 25 08:00:04 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

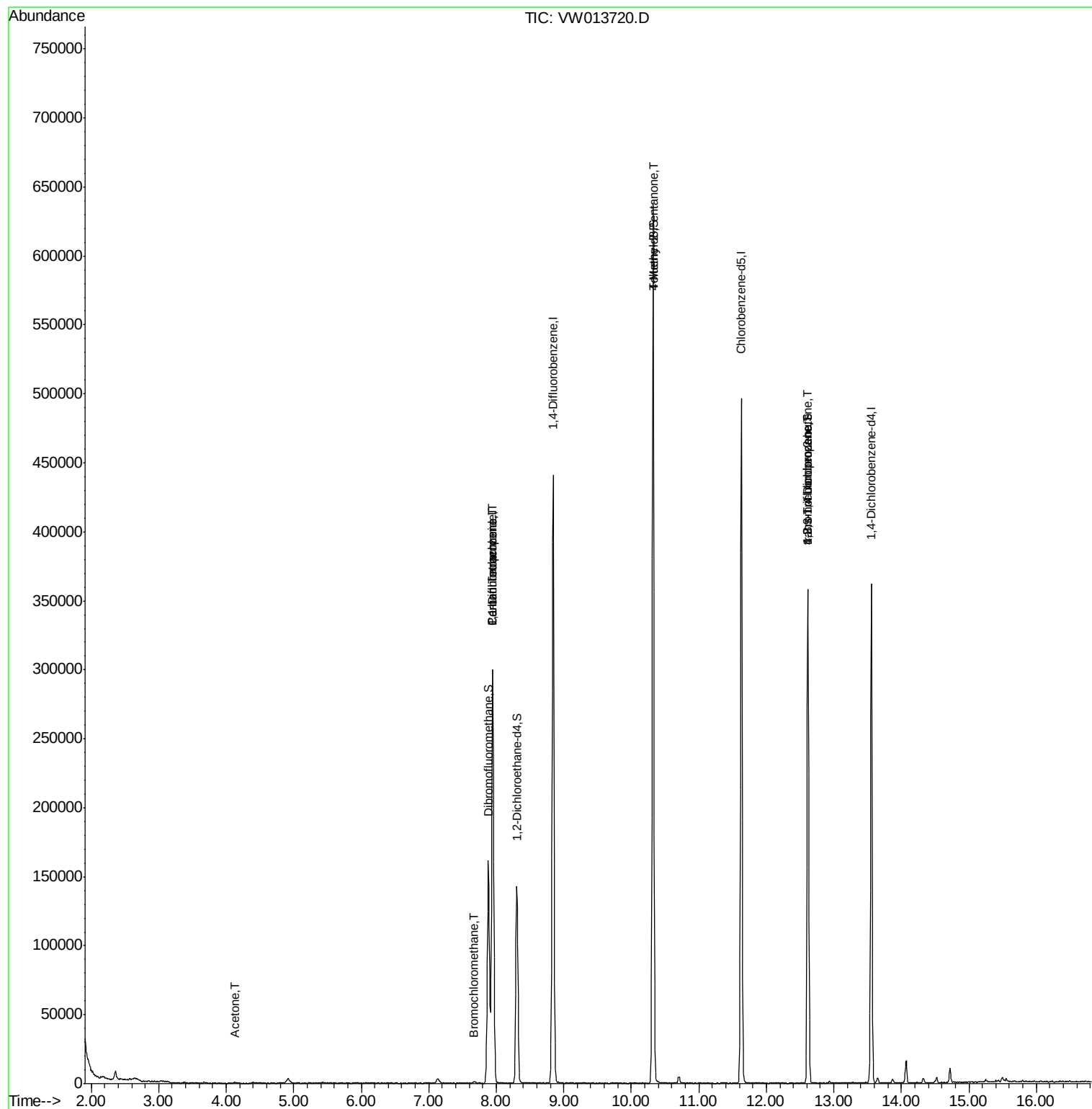
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	252538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	387259	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	304544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	105274	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	110509	58.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.66%	
35) Dibromofluoromethane	7.88	113	115542	53.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.38%	
50) Toluene-d8	10.32	98	435678	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.38%	
62) 4-Bromofluorobenzene	12.62	95	115372	38.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.72%	
Target Compounds						
					Qvalue	
16) Acetone	4.13	43	1271	3.164	ug/l #	62
20) Methylene Chloride	4.92	84	2975	Below Cal	#	75
28) Bromochloromethane	7.66	49	56	1.378	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	16033	4.445	ug/l #	48
38) Carbon Tetrachloride	7.95	117	21877	6.736	ug/l #	15
51) 4-Methyl-2-Pentanone	10.32	43	1775	1.352	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	55198	73.012	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	55198	137.982	ug/l #	14

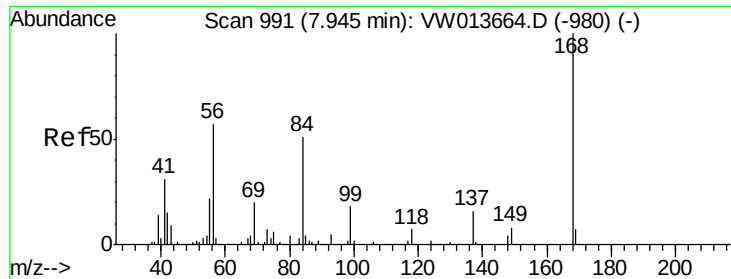
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 992

Delta R.T. 0.01 min

Lab File: VW013720.D

Acq: 24 Oct 2019 19:20

Instrument :

MSVOA_W

ClientSampleId :

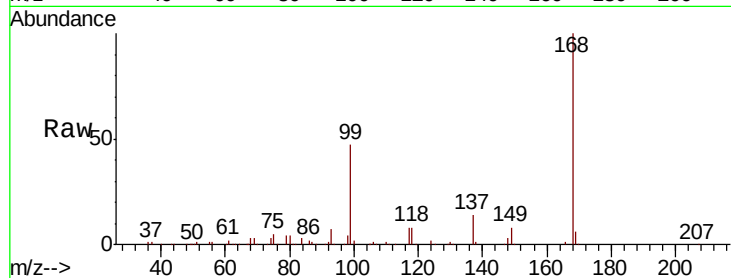
181-50-(2)

Tot Ion:168 Resp: 252538

Ion Ratio Lower Upper

168 100

99 46.9 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

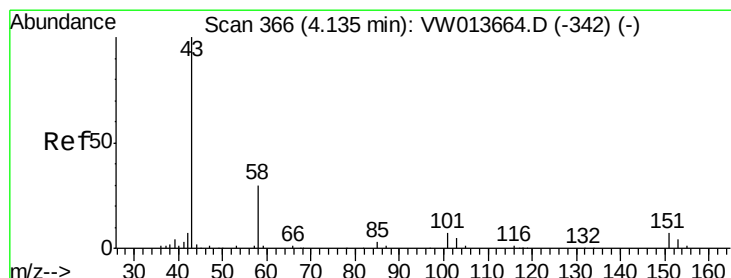
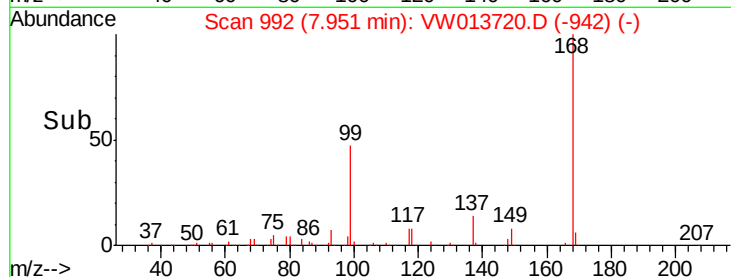
7.95

100000

50000

0

Time-->



#16

Acetone

Concen: 3.164 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW013720.D

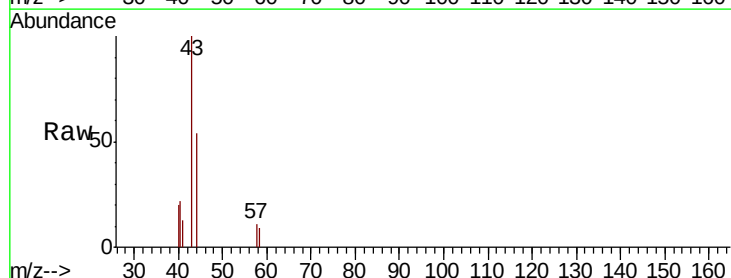
Acq: 24 Oct 2019 19:20

Tgt Ion: 43 Resp: 1271

Ion Ratio Lower Upper

43 100

58 9.4 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

600

500

400

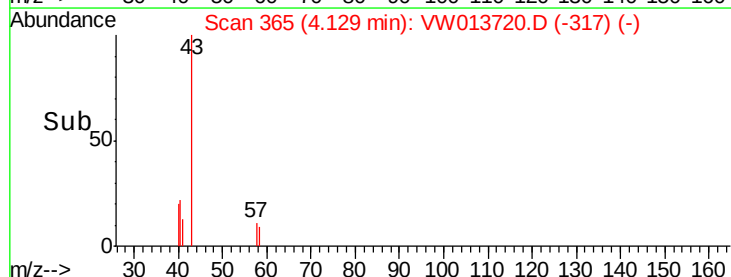
300

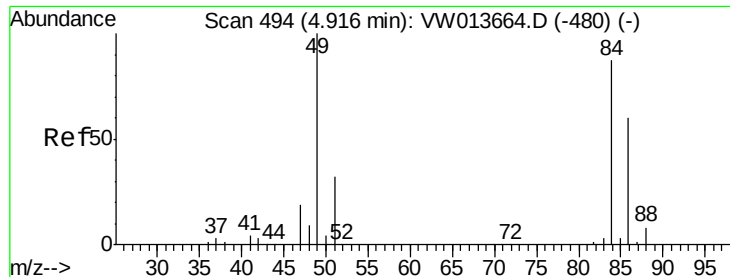
200

100

0

Time-->

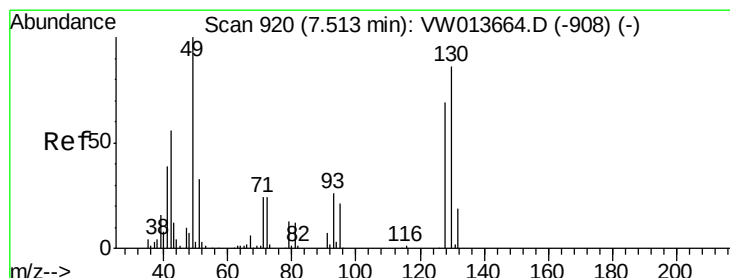
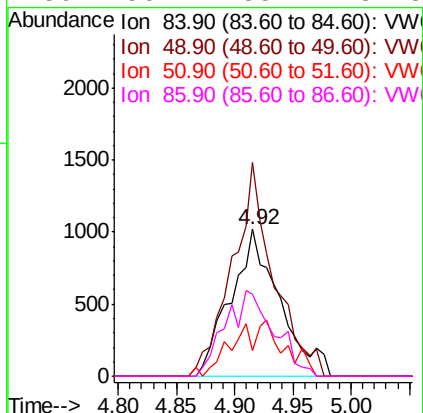
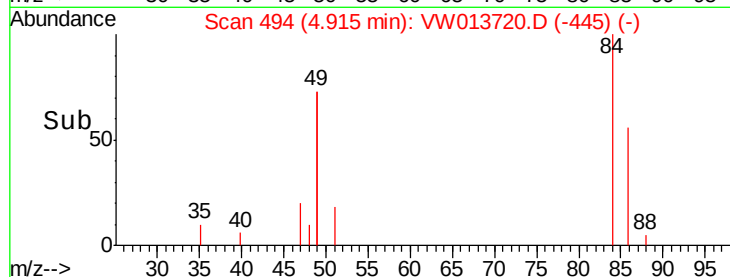
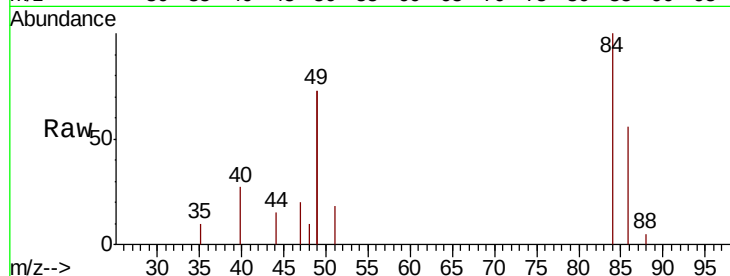




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW013720.D
Acq: 24 Oct 2019 19:20

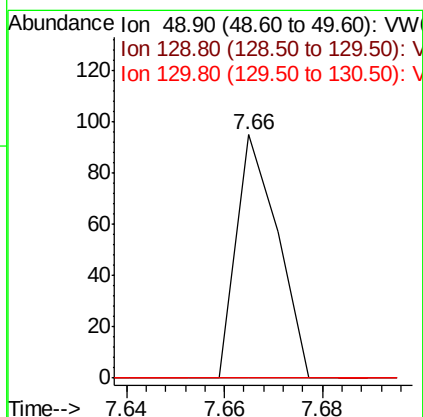
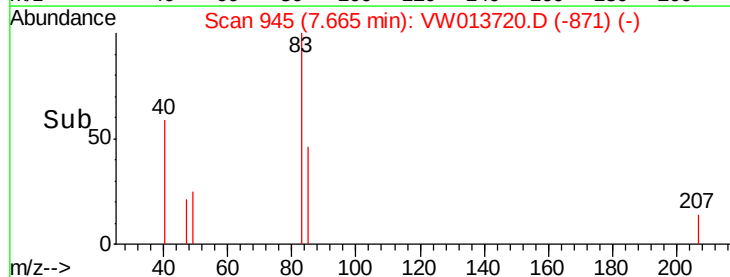
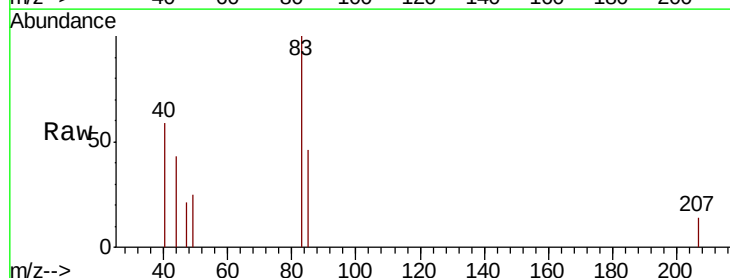
Instrument :
MSVOA_W
ClientSampleId :
181-50-(2)

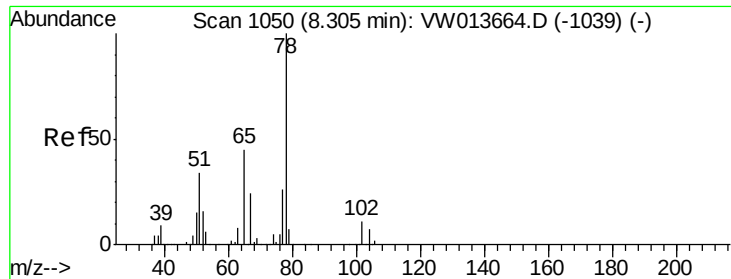
Tot Ion: 84 Resp: 2975
Ion Ratio Lower Upper
84 100
49 145.4 91.8 137.6#
51 17.8 29.8 44.6#
86 56.1 55.2 82.8



#28
Bromochloromethane
Concen: 1.378 ug/l
RT: 7.66 min Scan# 945
Delta R.T. 0.15 min
Lab File: VW013720.D
Acq: 24 Oct 2019 19:20

Tgt Ion: 49 Resp: 56
Ion Ratio Lower Upper
49 100
129 0.0 0.0 0.6
130 0.0 67.5 101.3#

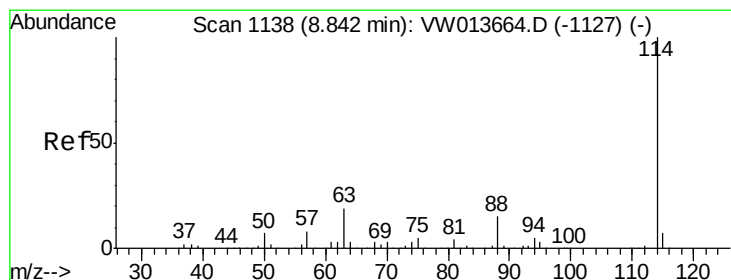
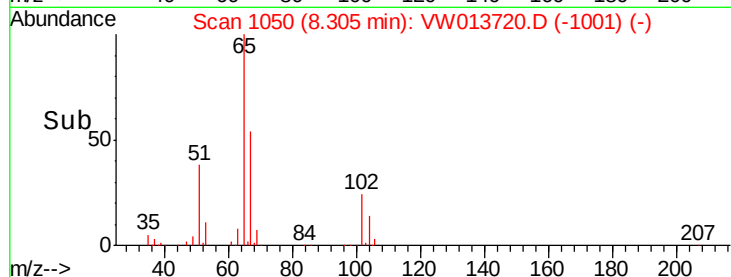
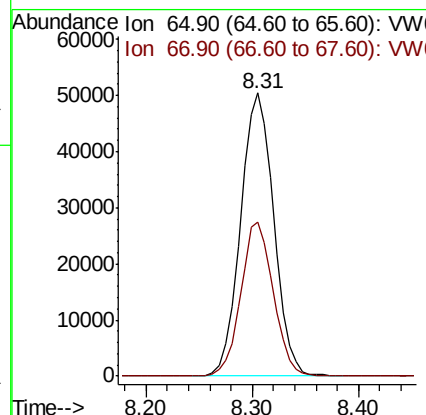
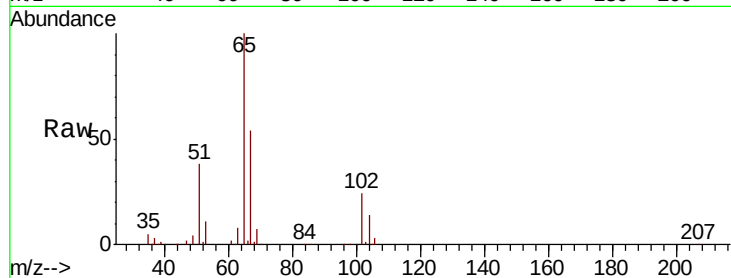




#33
 1,2-Dichloroethane-d4
 Concen: 58.333 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013720.D
 Acq: 24 Oct 2019 19:20

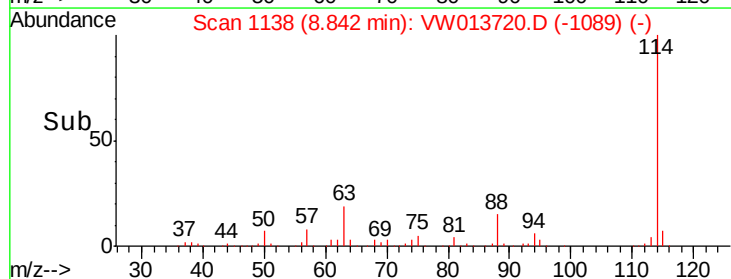
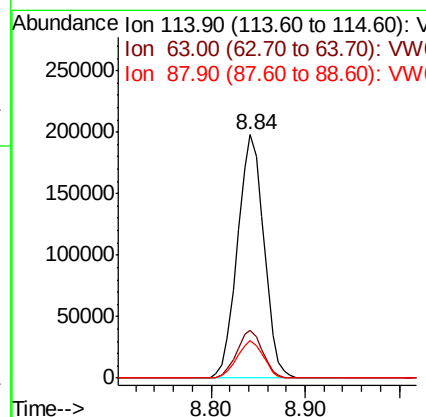
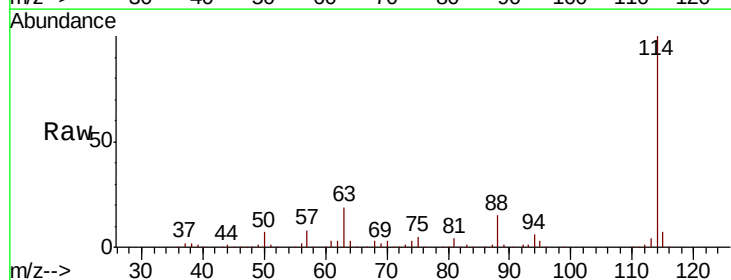
Instrument :
 MSVOA_W
 ClientSampleId :
 181-50-(2)

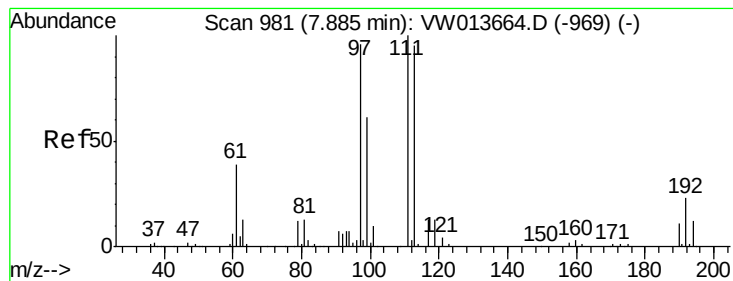
Tot Ion: 65 Resp: 110509
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013720.D
 Acq: 24 Oct 2019 19:20

Tgt Ion: 114 Resp: 387259
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 37.6
 88 15.2 0.0 30.2





#35

Dibromofluoromethane

Concen: 53.695 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW013720.D

Acq: 24 Oct 2019 19:20

Instrument :

MSVOA_W

ClientSampleId :

181-50-(2)

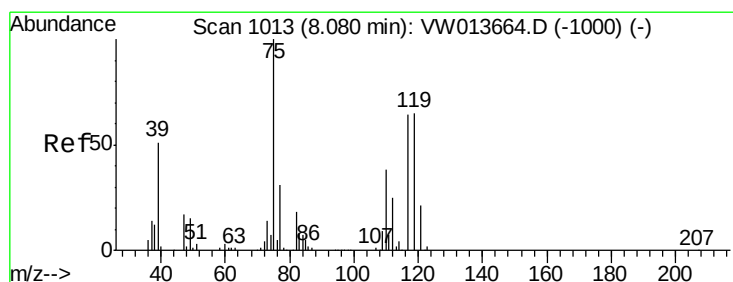
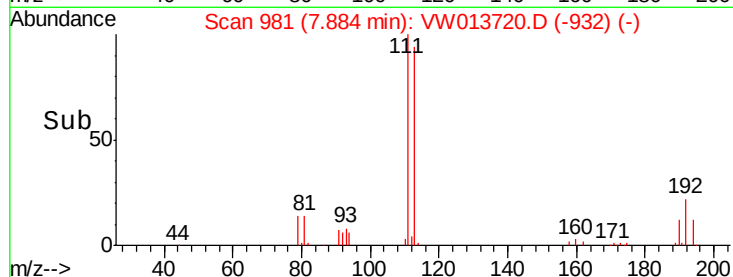
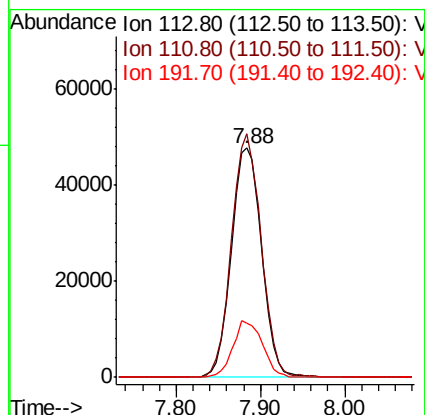
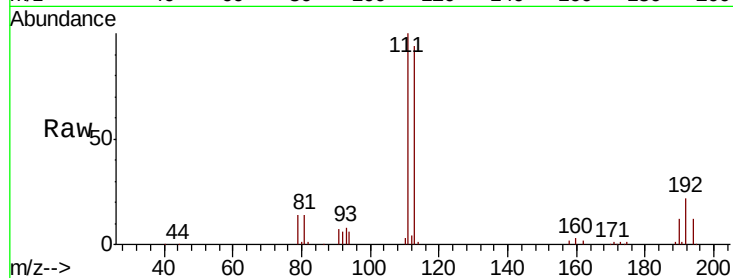
Tot Ion:113 Resp: 115542

Ion Ratio Lower Upper

113 100

111 104.3 83.0 124.6

192 24.0 19.4 29.2



#36

1,1-Dichloropropene

Concen: 4.445 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW013720.D

Acq: 24 Oct 2019 19:20

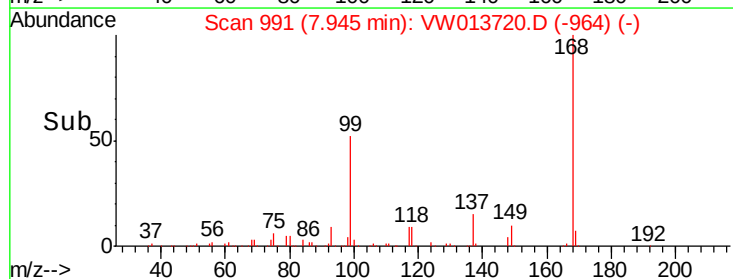
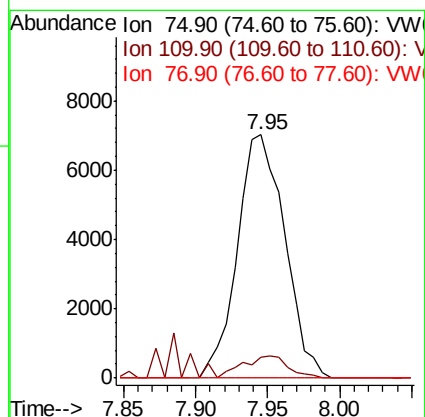
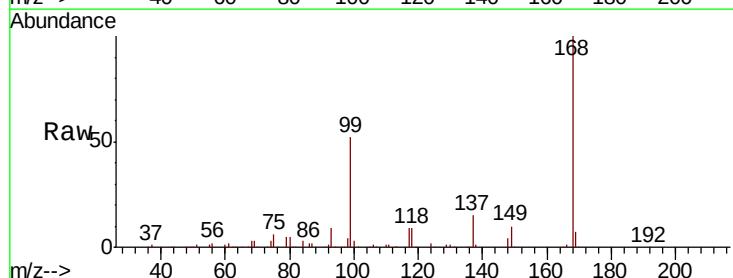
Tgt Ion: 75 Resp: 16033

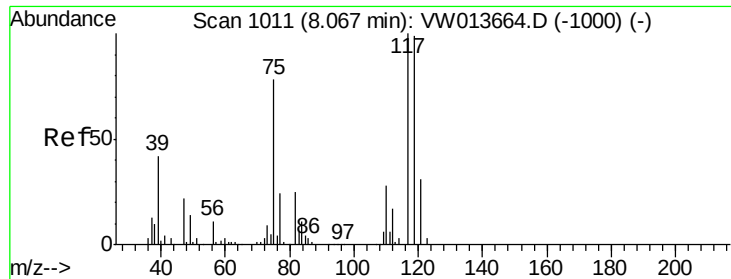
Ion Ratio Lower Upper

75 100

110 8.9 18.7 56.1#

77 0.0 25.4 38.0#





#38

Carbon Tetrachloride

Concen: 6.736 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW013720.D

Acq: 24 Oct 2019 19:20

Instrument :

MSVOA_W

ClientSampleId :

181-50-(2)

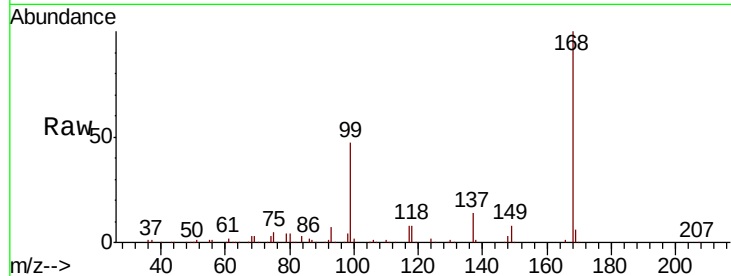
Tot Ion:117 Resp: 21877

Ion Ratio Lower Upper

117 100

119 4.9 79.0 118.4#

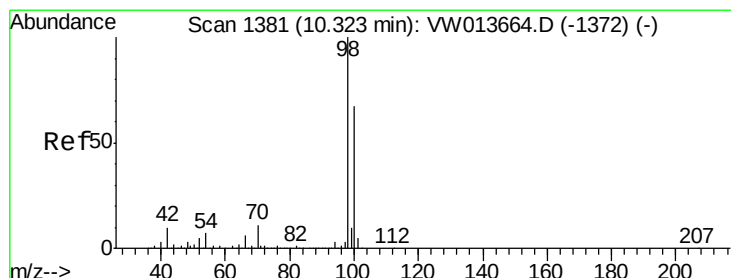
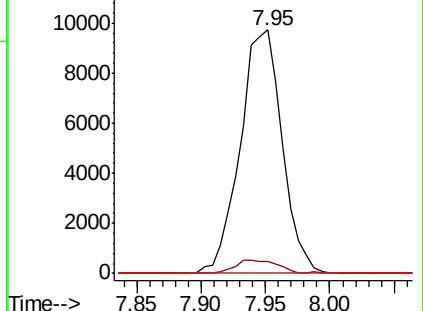
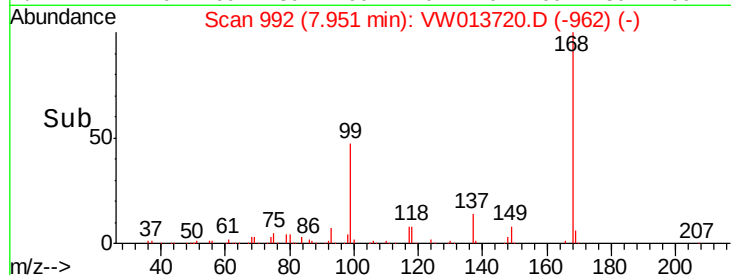
121 0.0 24.5 36.7#



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: 49.689 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013720.D

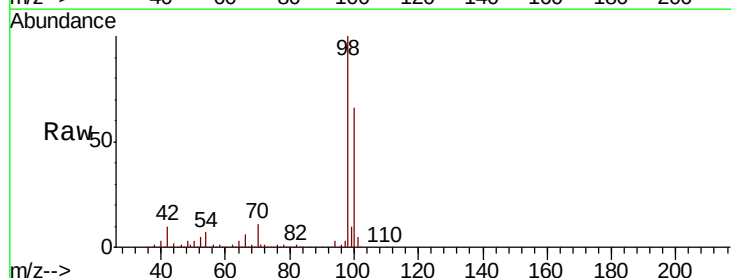
Acq: 24 Oct 2019 19:20

Tgt Ion: 98 Resp: 435678

Ion Ratio Lower Upper

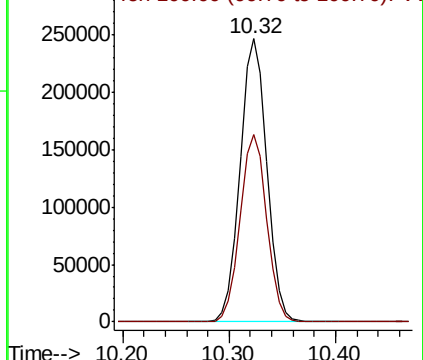
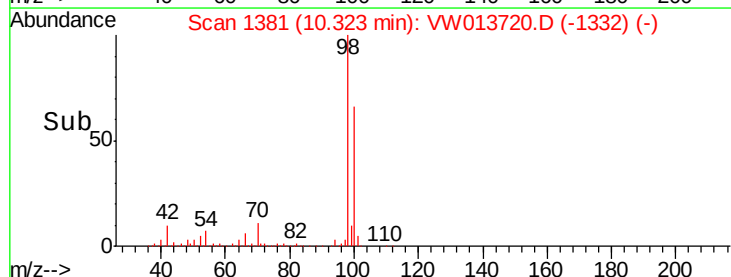
98 100

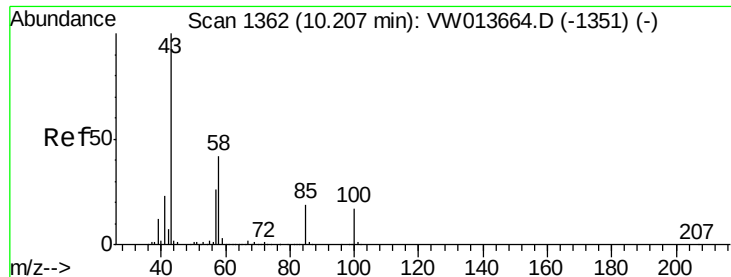
100 66.0 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 1.352 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.12 min

Lab File: VW013720.D

Acq: 24 Oct 2019 19:20

Instrument :

MSVOA_W

ClientSampled :

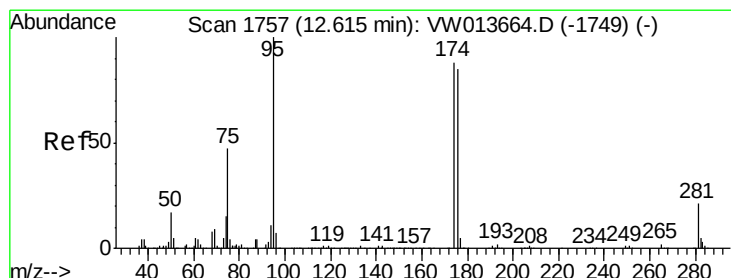
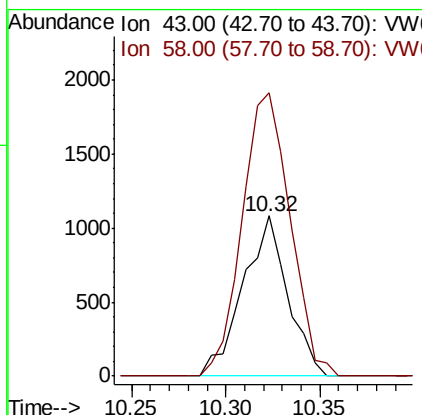
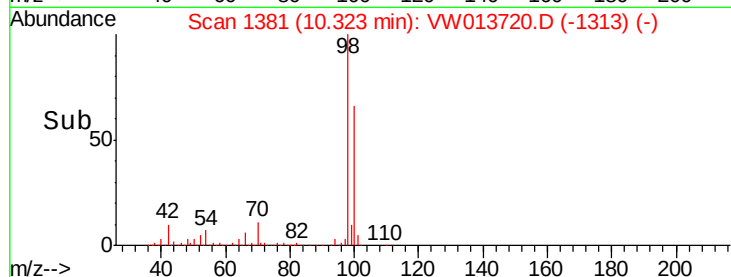
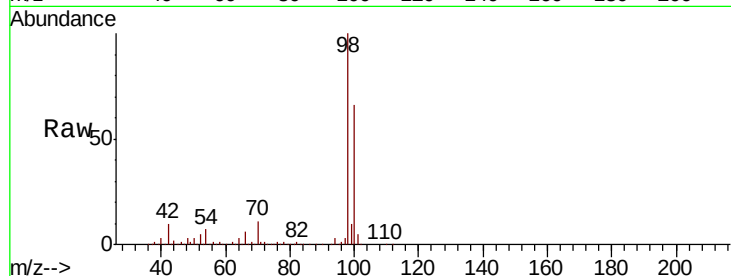
181-50-(2)

Tot Ion: 43 Resp: 1775

Ion Ratio Lower Upper

43 100

58 190.3 32.6 49.0#



#62

4-Bromofluorobenzene

Concen: 38.860 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013720.D

Acq: 24 Oct 2019 19:20

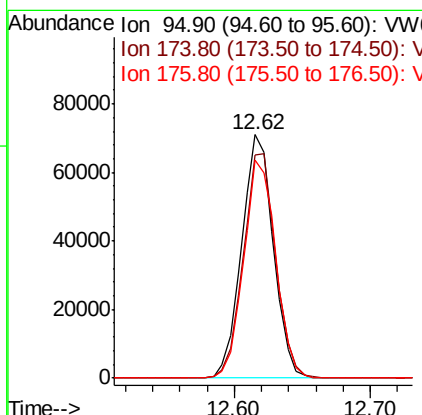
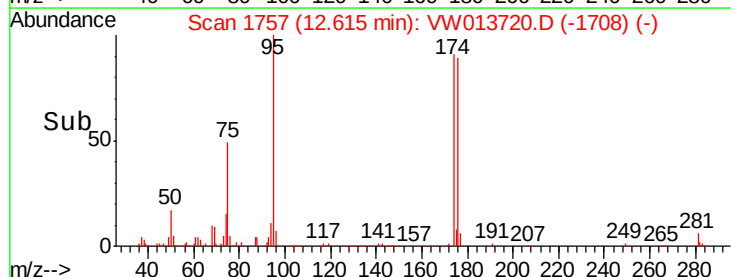
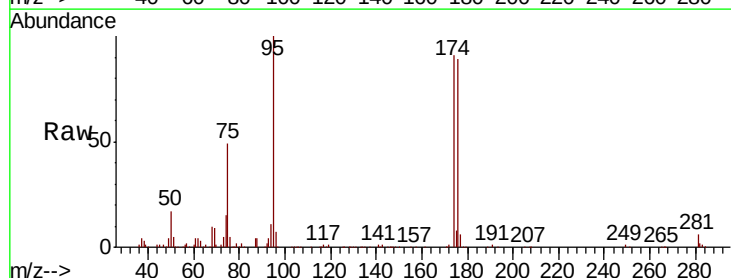
Tgt Ion: 95 Resp: 115372

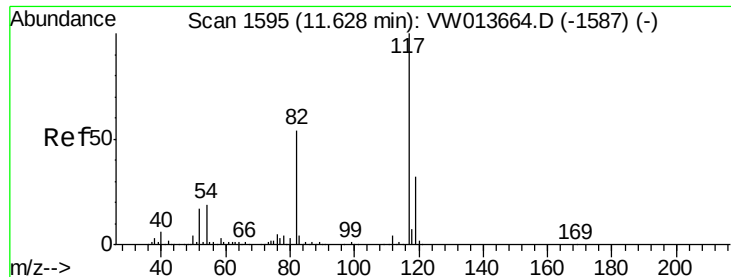
Ion Ratio Lower Upper

95 100

174 94.3 0.0 183.6

176 90.9 0.0 178.0

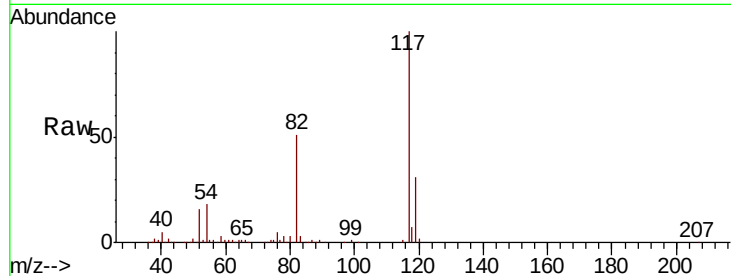




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013720.D
Acq: 24 Oct 2019 19:20

Instrument :
MSVOA_W
ClientSampleId :
181-50-(2)

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.8	43.6	65.4
119	30.9	25.4	38.2

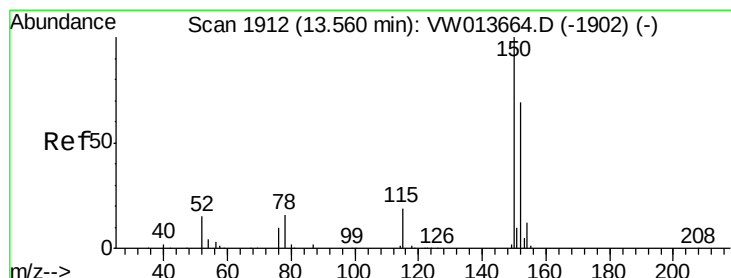
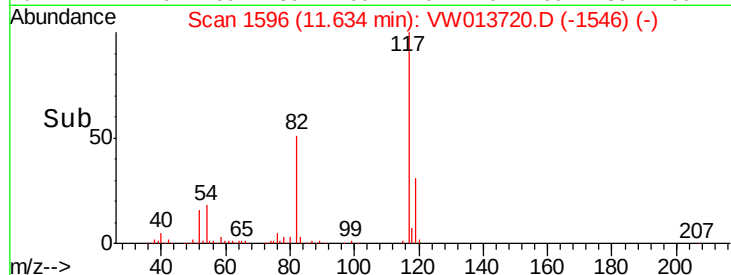
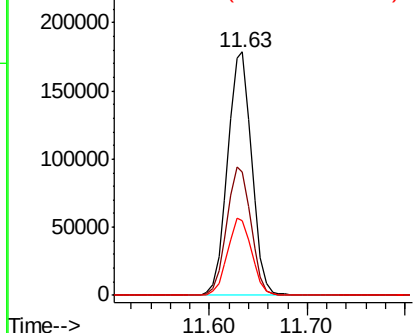


Abundance

Ion 116.90 (116.60 to 117.60): V

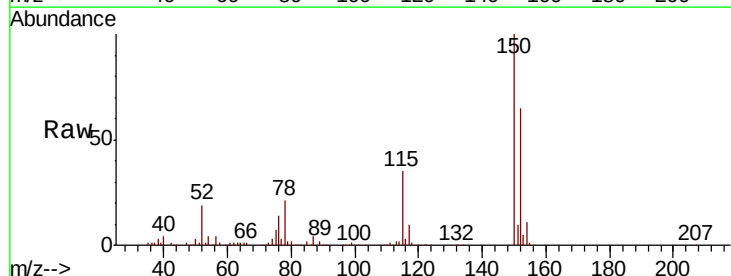
Ion 82.00 (81.70 to 82.70): V

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. -0.00 min
Lab File: VW013720.D
Acq: 24 Oct 2019 19:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.5	27.4	82.2
150	155.3	0.0	345.4

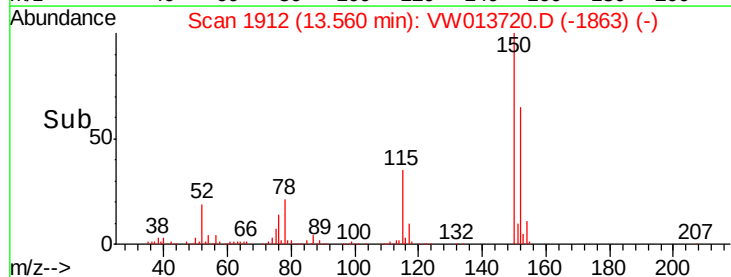
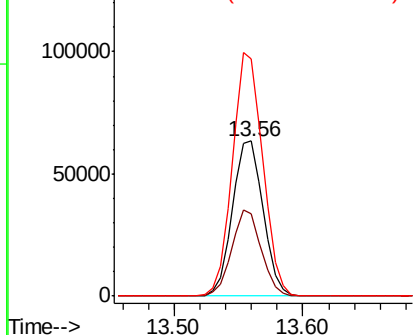


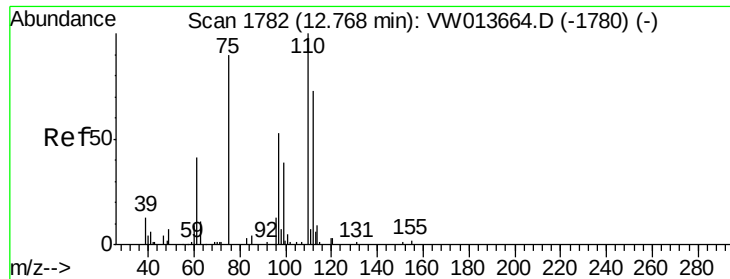
Abundance

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: 73.012 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013720.D

Acq: 24 Oct 2019 19:20

Instrument :

MSVOA_W

ClientSampleId :

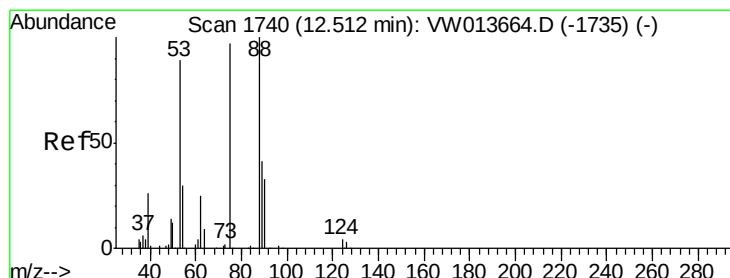
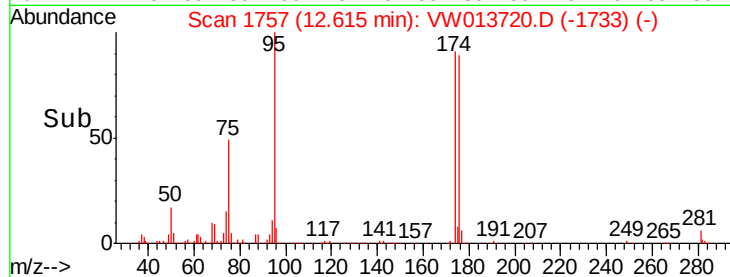
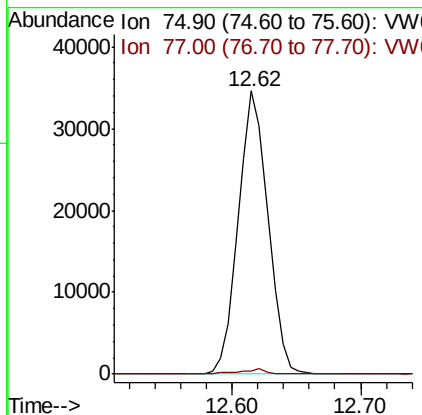
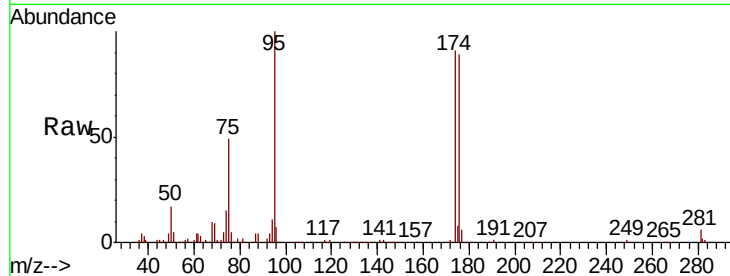
181-50-(2)

Tot Ion: 75 Resp: 55198

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 137.982 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013720.D

Acq: 24 Oct 2019 19:20

Tgt Ion: 75 Resp: 55198

Ion Ratio Lower Upper

75 100

53 0.0 71.7 107.5#

89 0.0 35.8 53.8#

