

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013701.D
 Acq On : 24 Oct 2019 07:27
 Operator : SY/VA
 Sample : K5503-08
 Misc : 7.19G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 24 08:21:06 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

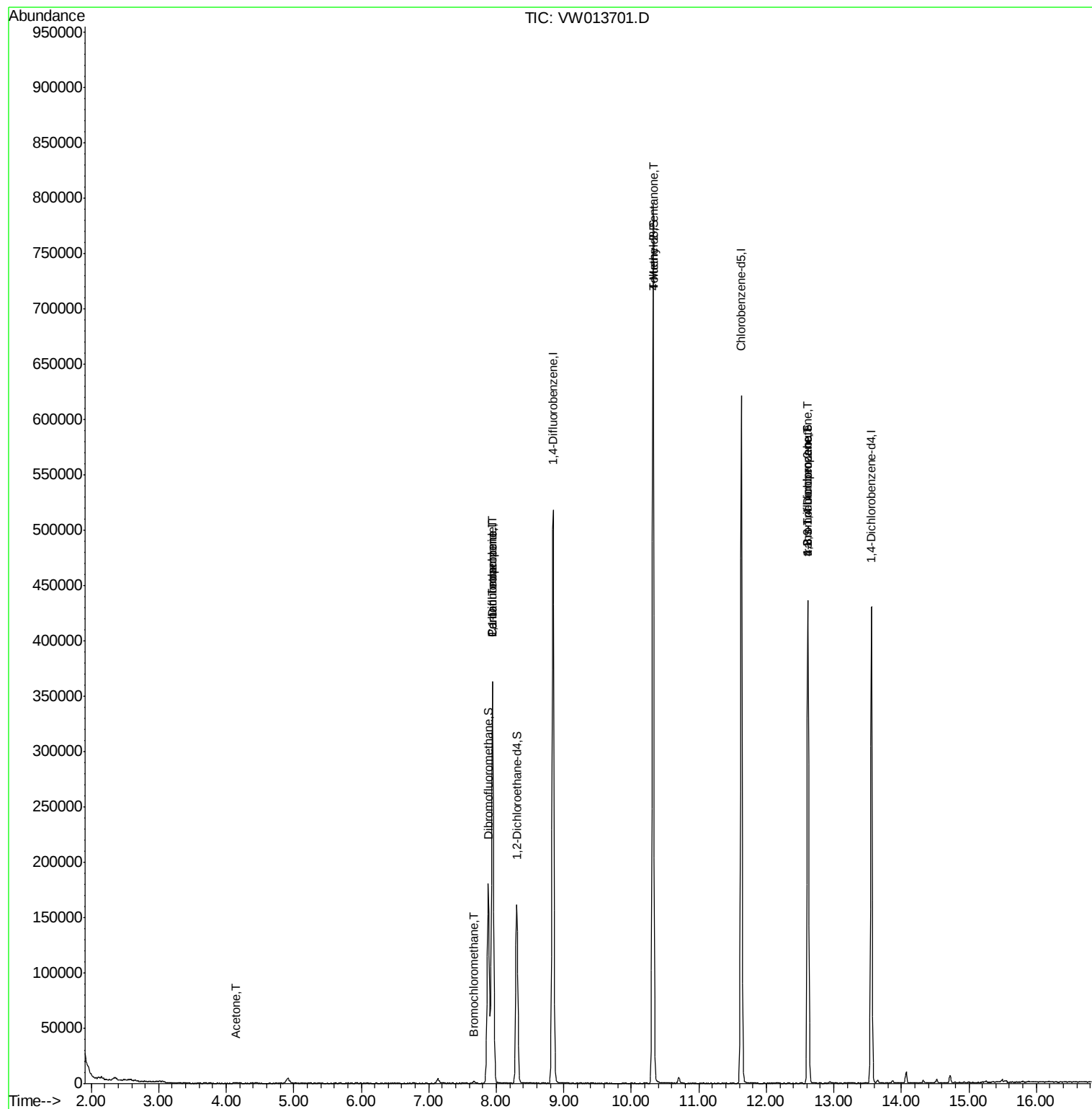
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	300296	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	460092	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	374378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	127476	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	126058	55.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.92%	
35) Dibromofluoromethane	7.88	113	134695	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	
50) Toluene-d8	10.32	98	535725	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
62) 4-Bromofluorobenzene	12.62	95	142538	40.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.82%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	1268	2.655	ug/l #	78
20) Methylene Chloride	4.92	84	4043	Below Cal	#	81
28) Bromochloromethane	7.67	49	54	1.371	ug/l #	7
36) 1,1-Dichloropropene	7.94	75	19021	4.439	ug/l #	48
38) Carbon Tetrachloride	7.95	117	26105	6.765	ug/l #	15
51) 4-Methyl-2-Pentanone	10.32	43	2203	1.412	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	66791	72.959	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	66791	137.883	ug/l #	14

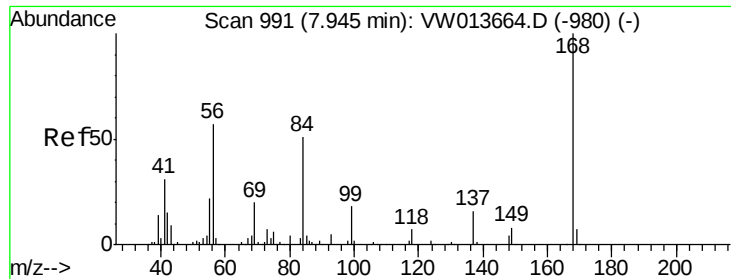
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 991

Delta R.T. -0.00 min

Lab File: VW013701.D

Acq: 24 Oct 2019 07:27

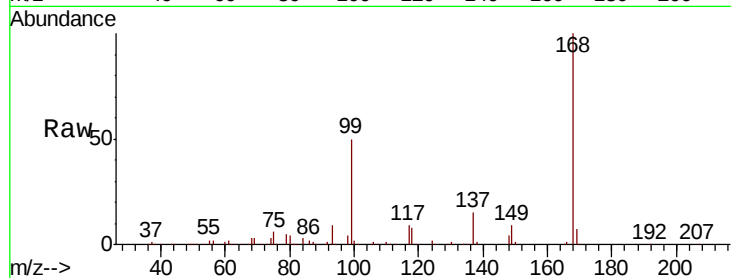
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 300296

Ion Ratio Lower Upper

168 100

99 50.1 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

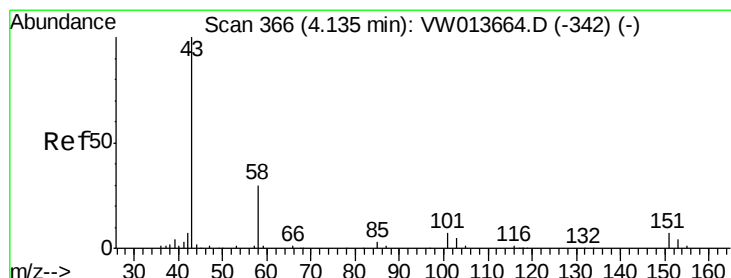
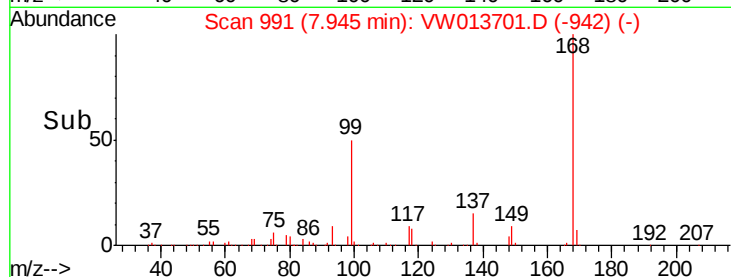
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 2.655 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW013701.D

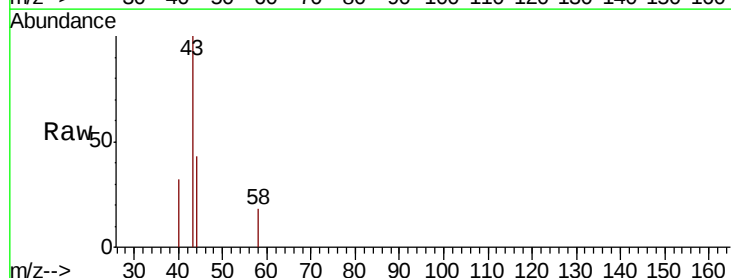
Acq: 24 Oct 2019 07:27

Tgt Ion: 43 Resp: 1268

Ion Ratio Lower Upper

43 100

58 18.3 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

400

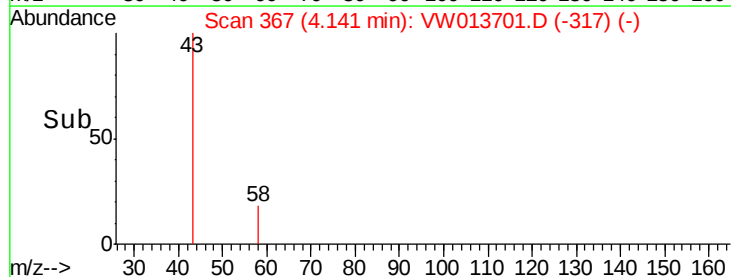
300

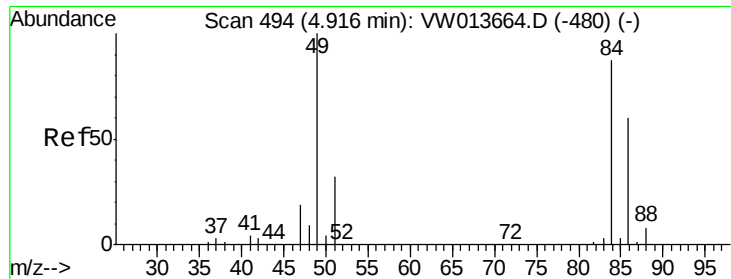
200

100

0

Time-->





#20

Methvlene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW013701.D

Acq: 24 Oct 2019 07:27

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 84 Resp: 4043

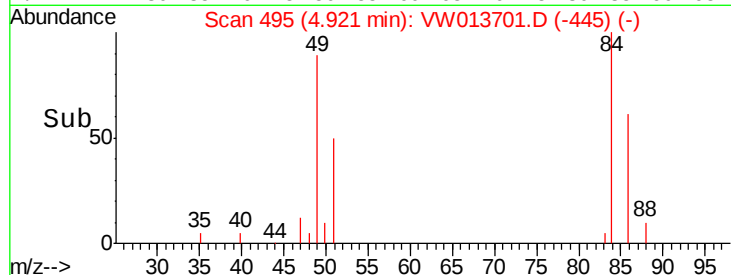
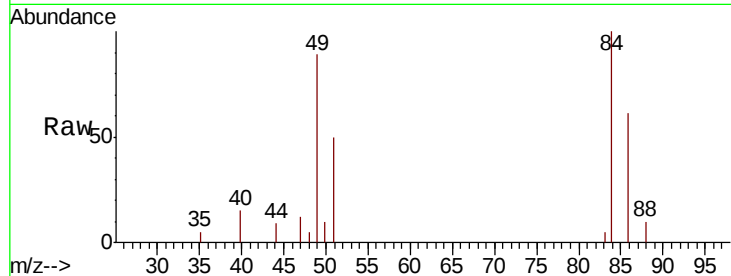
Ion Ratio Lower Upper

84 100

49 88.8 91.8 137.6#

51 49.5 29.8 44.6#

86 60.8 55.2 82.8



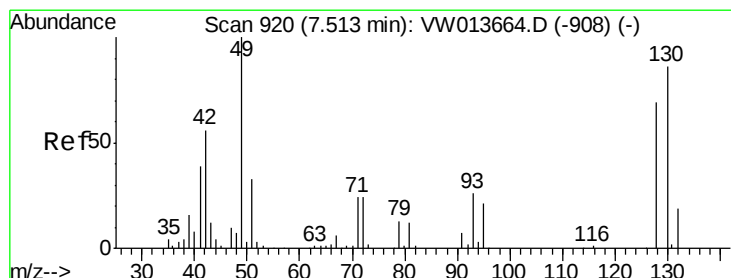
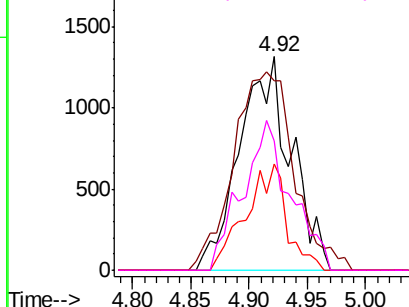
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#28

Bromochloromethane

Concen: 1.371 ug/l

RT: 7.67 min Scan# 946

Delta R.T. 0.16 min

Lab File: VW013701.D

Acq: 24 Oct 2019 07:27

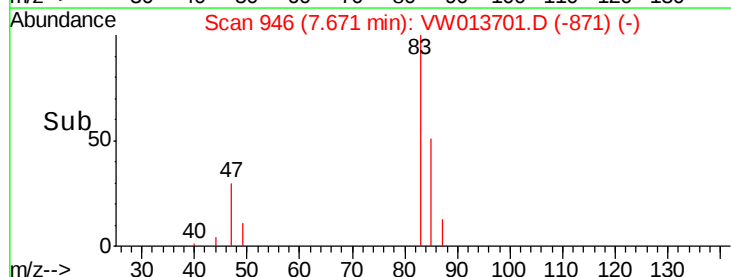
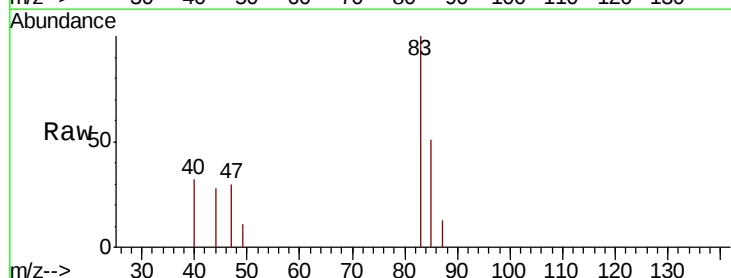
Tgt Ion: 49 Resp: 54

Ion Ratio Lower Upper

49 100

129 0.0 0.0 0.6

130 0.0 67.5 101.3#

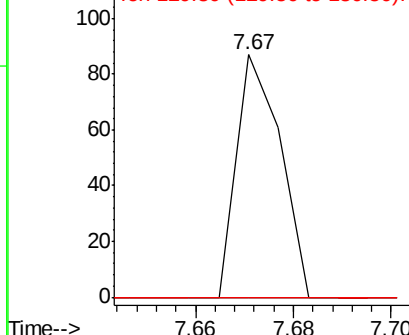


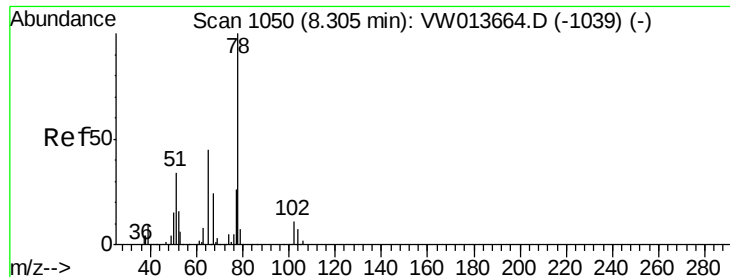
Abundance

Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

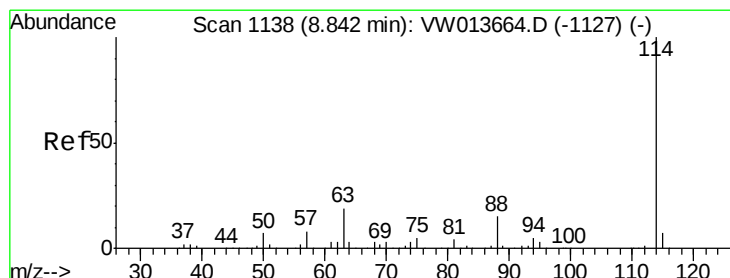
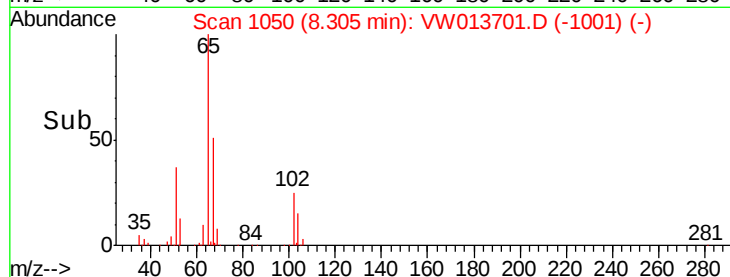
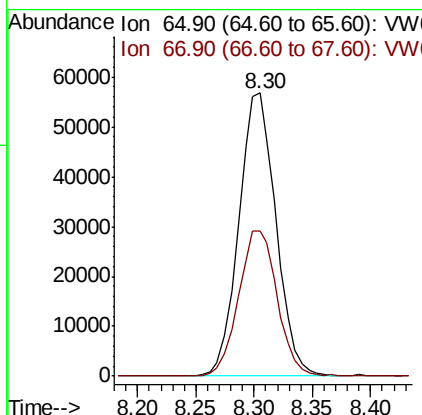
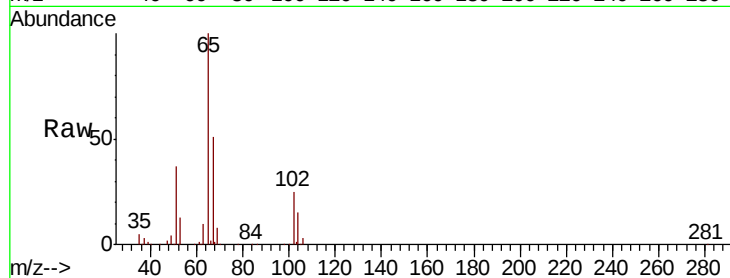




#33
 1,2-Dichloroethane-d4
 Concen: 55.958 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013701.D
 Acq: 24 Oct 2019 07:27

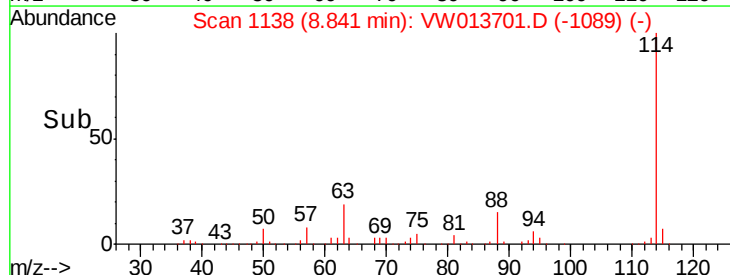
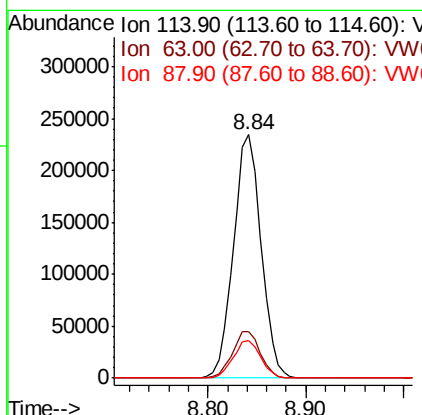
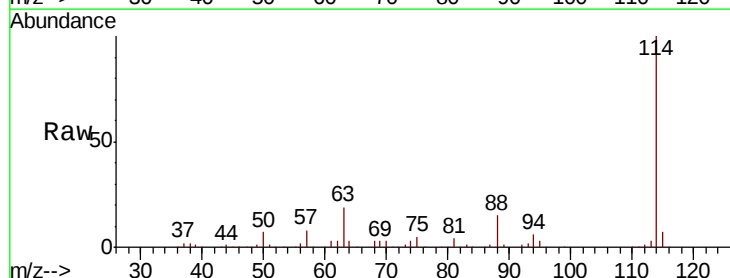
Instrument :
 MSVOA_W
 ClientSampleId :

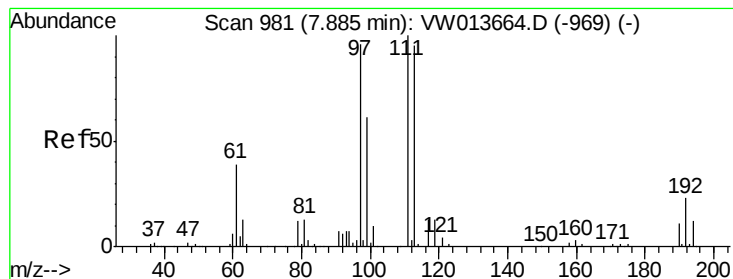
Tot Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013701.D
 Acq: 24 Oct 2019 07:27

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	37.6
88	15.3	0.0	30.2





#35

Dibromofluoromethane

Concen: 52.687 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW013701.D

Acq: 24 Oct 2019 07:27

Instrument :
MSVOA_W
ClientSampleId :

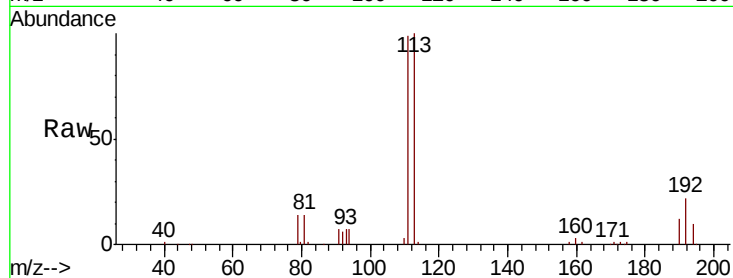
Tot Ion:113 Resp: 134695

Ion Ratio Lower Upper

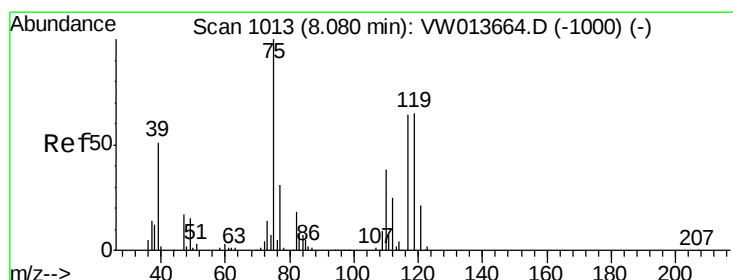
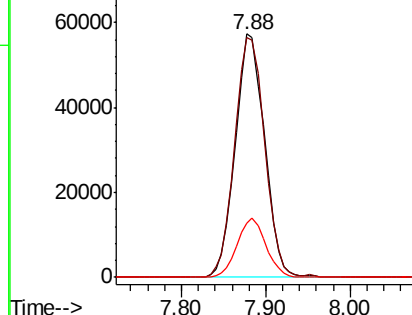
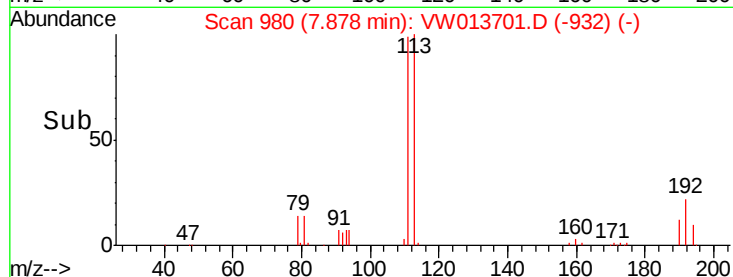
113 100

111 101.4 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: 4.439 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW013701.D

Acq: 24 Oct 2019 07:27

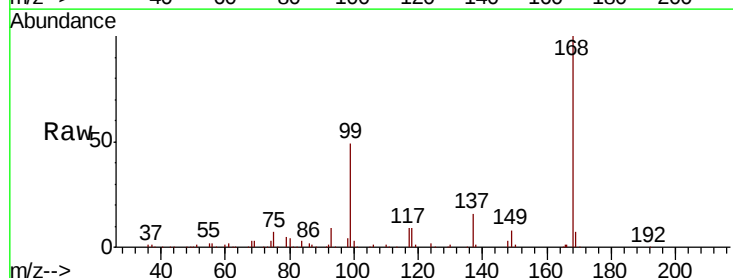
Tgt Ion: 75 Resp: 19021

Ion Ratio Lower Upper

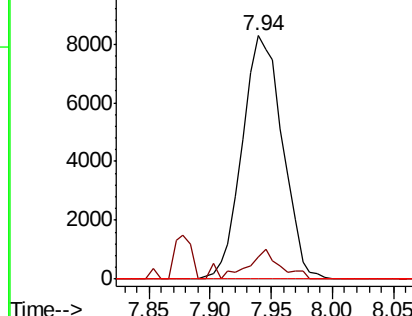
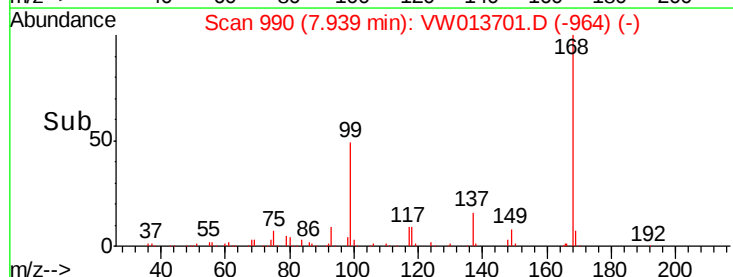
75 100

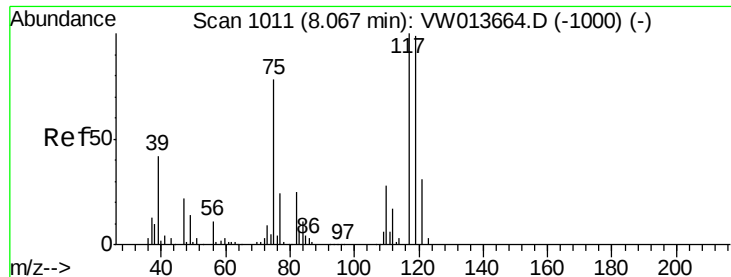
110 8.5 18.7 56.1#

77 0.0 25.4 38.0#



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

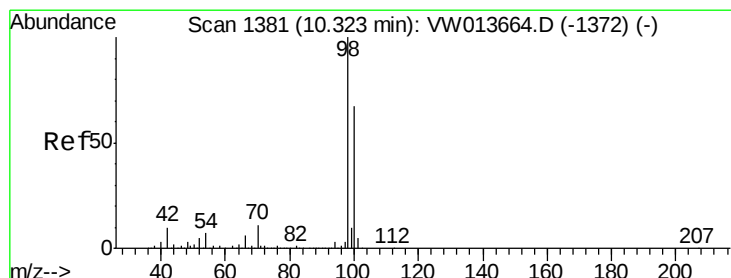
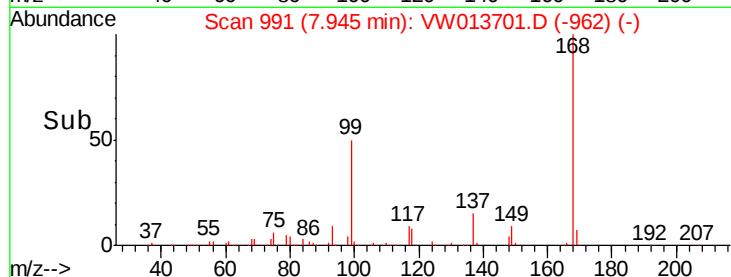
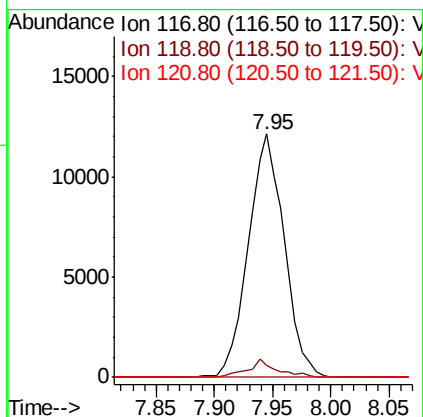
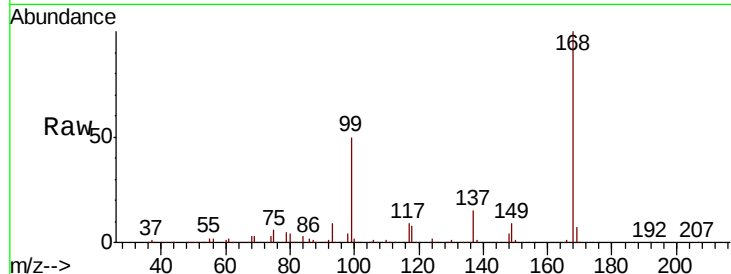




#38
Carbon Tetrachloride
Concen: 6.765 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW013701.D
Acq: 24 Oct 2019 07:27

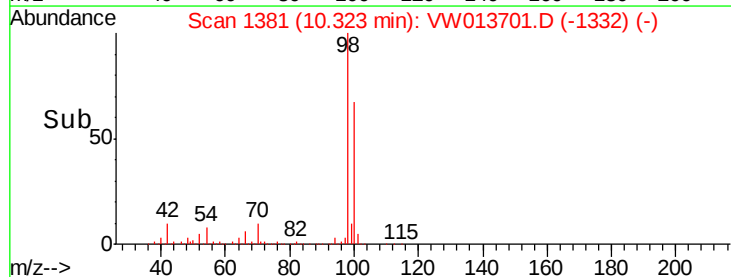
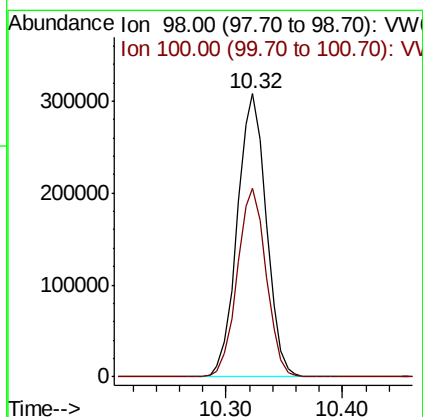
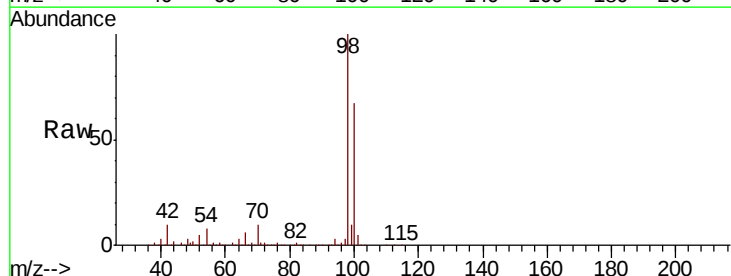
Instrument :
MSVOA_W
ClientSampleId :

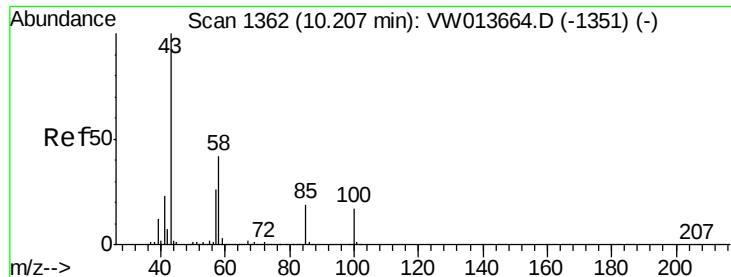
Tot Ion:117 Resp: 26105
Ion Ratio Lower Upper
117 100
119 4.9 79.0 118.4#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 51.427 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013701.D
Acq: 24 Oct 2019 07:27

Tgt Ion: 98 Resp: 535725
Ion Ratio Lower Upper
98 100
100 66.3 53.4 80.0





#51

4-Methyl-2-Pentanone

Concen: 1.412 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.12 min

Lab File: VW013701.D

Acq: 24 Oct 2019 07:27

Instrument :

MSVOA_W

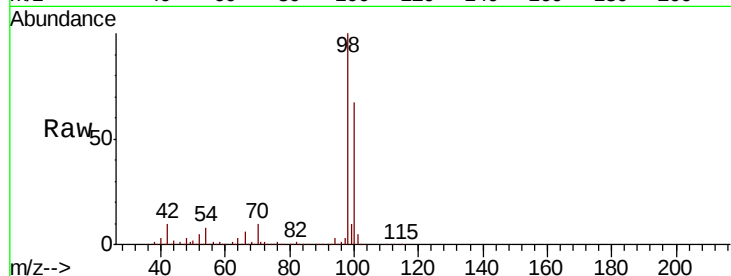
ClientSampleId :

Tot Ion: 43 Resp: 2203

Ion Ratio Lower Upper

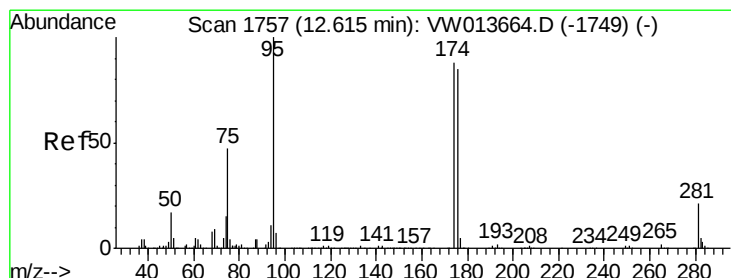
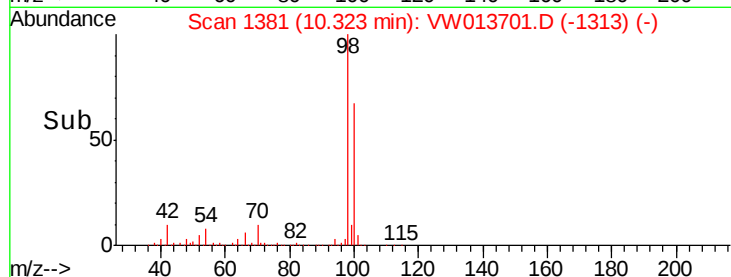
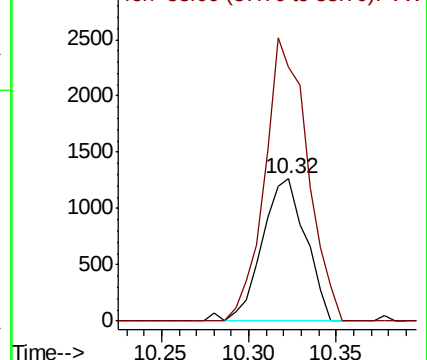
43 100

58 194.1 32.6 49.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#62

4-Bromofluorobenzene

Concen: 40.410 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013701.D

Acq: 24 Oct 2019 07:27

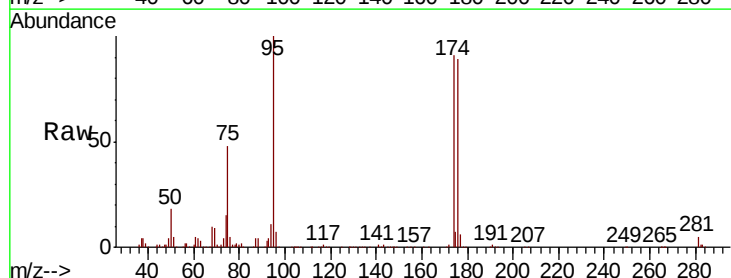
Tgt Ion: 95 Resp: 142538

Ion Ratio Lower Upper

95 100

174 93.2 0.0 183.6

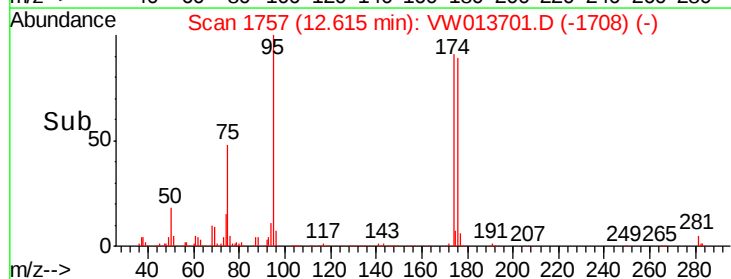
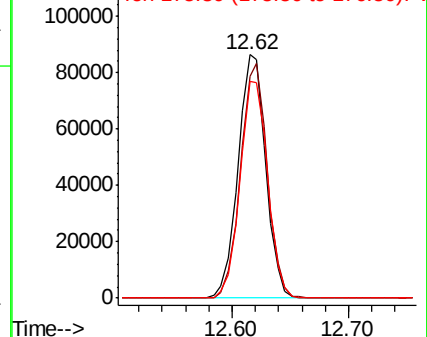
176 89.4 0.0 178.0

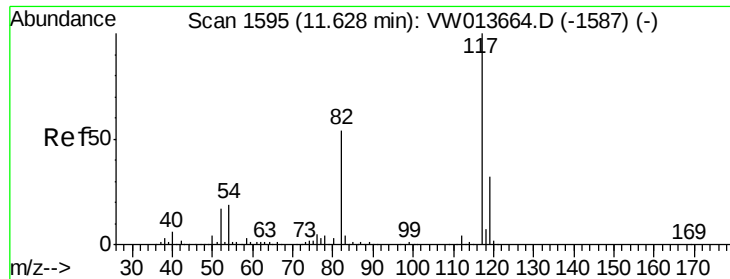


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW013701.D

Acq: 24 Oct 2019 07:27

Instrument :

MSVOA_W

ClientSampled :

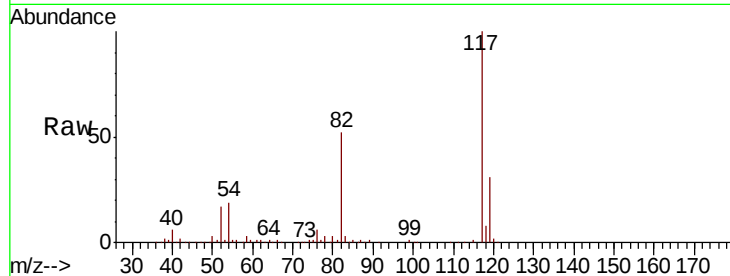
Tot Ion:117 Resp: 374378

Ion Ratio Lower Upper

117 100

82 52.2 43.6 65.4

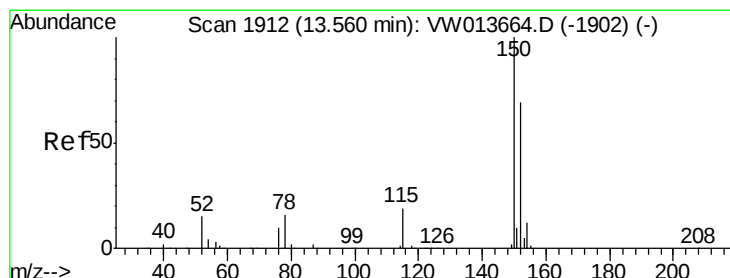
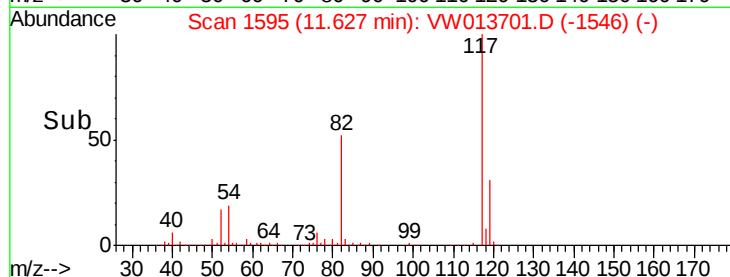
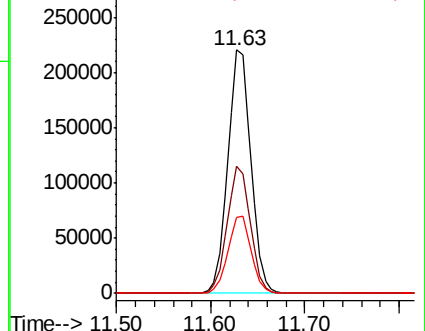
119 31.2 25.4 38.2



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: VW013701.D

Acq: 24 Oct 2019 07:27

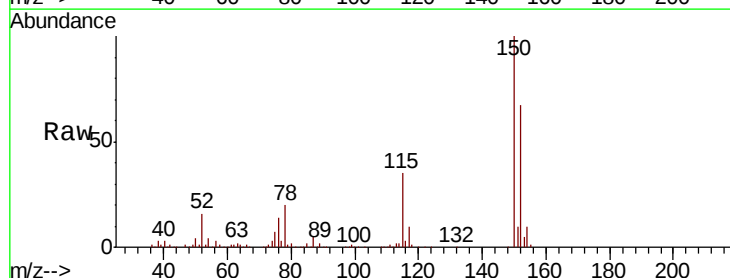
Tgt Ion:152 Resp: 127476

Ion Ratio Lower Upper

152 100

115 54.6 27.4 82.2

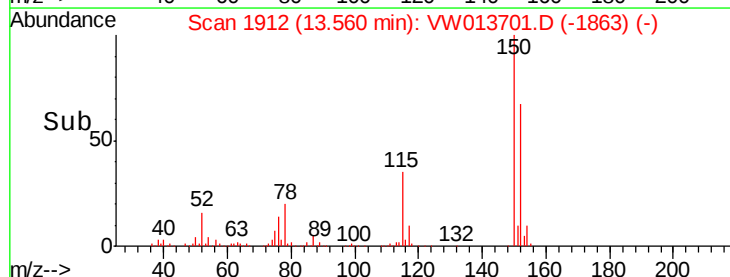
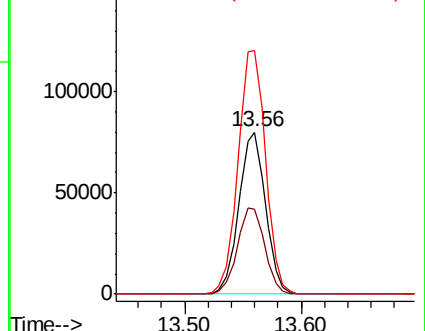
150 155.6 0.0 345.4

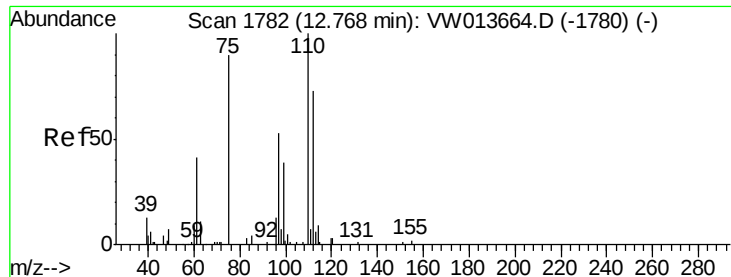


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 72.959 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013701.D

Acq: 24 Oct 2019 07:27

Instrument :

MSVOA_W

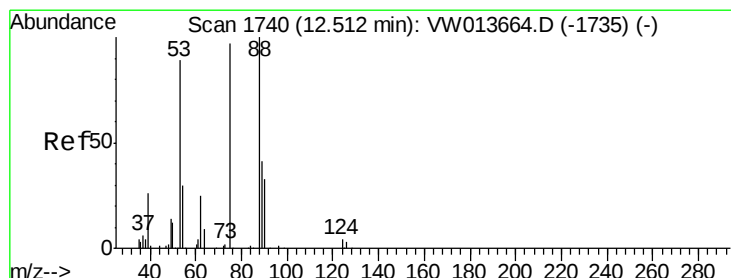
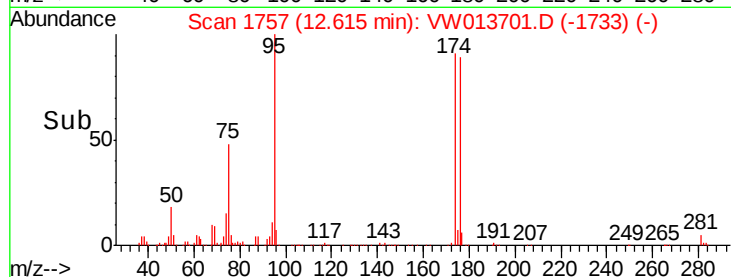
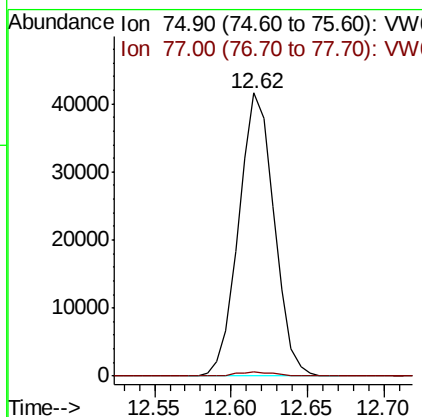
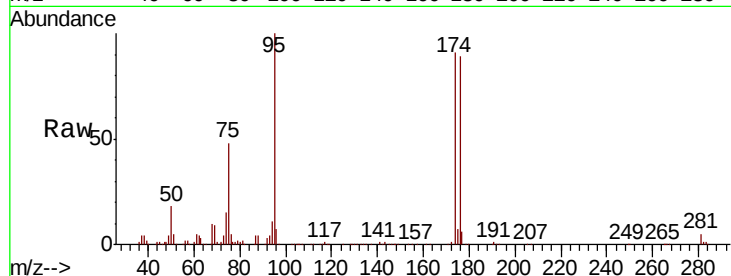
ClientSampleId :

Tot Ion: 75 Resp: 66791

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 137.883 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013701.D

Acq: 24 Oct 2019 07:27

Tgt Ion: 75 Resp: 66791

Ion Ratio Lower Upper

75 100

53 0.0 71.7 107.5#

89 0.1 35.8 53.8#

