

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013671.D
 Acq On : 23 Oct 2019 17:06
 Operator : SY/VA
 Sample : K5501-08
 Misc : 8.31G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 24 07:26:38 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

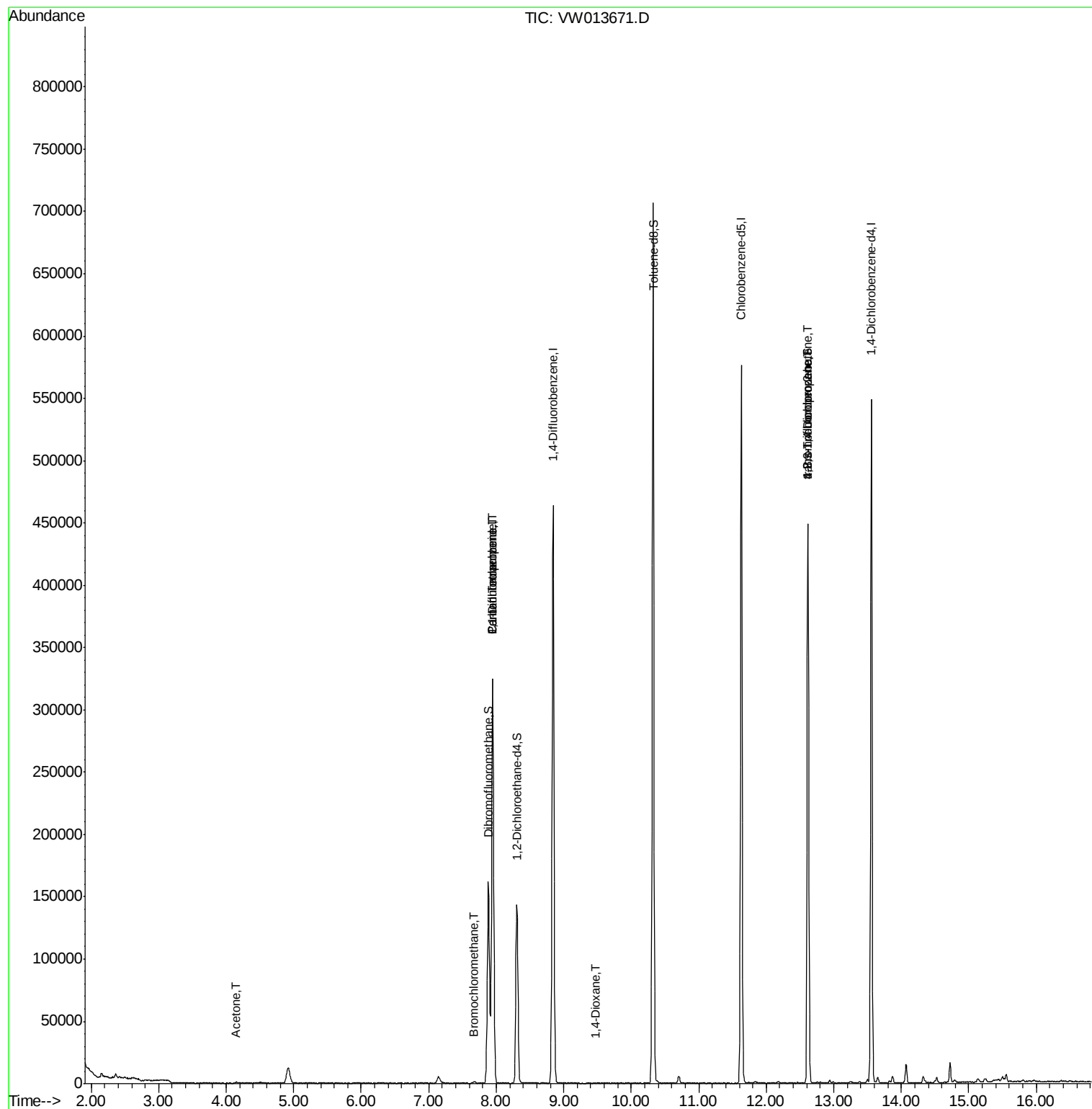
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	272252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	410180	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	348720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	157395	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	111115	54.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.82%	
35) Dibromofluoromethane	7.88	113	118453	51.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.94%	
50) Toluene-d8	10.32	98	472574	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.76%	
62) 4-Bromofluorobenzene	12.62	95	148856	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.68%	
Target Compounds						
					Qvalue	
16) Acetone	4.15	43	1366	3.154	ug/l #	80
28) Bromochloromethane	7.67	49	20	1.353	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	17011	4.453	ug/l #	48
38) Carbon Tetrachloride	7.95	117	22895	6.656	ug/l #	15
49) 1,4-Dioxane	9.46	88	22	1.188	ug/l #	13
76) 1,2,3-Trichloropropane	12.62	75	69583	61.561	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	69583	116.341	ug/l #	14

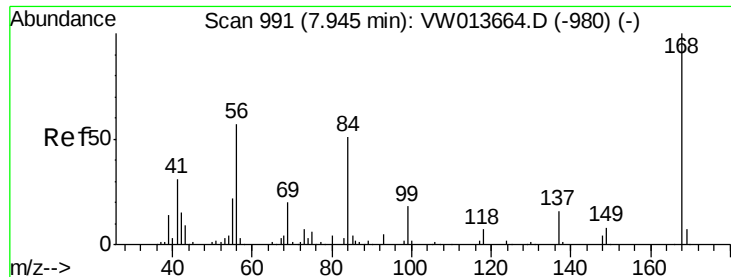
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013671.D

Acq: 23 Oct 2019 17:06

Instrument :

MSVOA_W

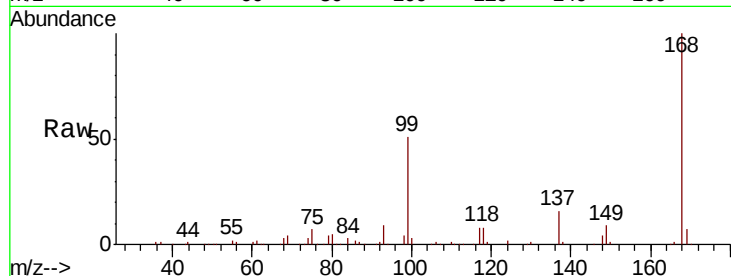
ClientSampleId :

Tot Ion:168 Resp: 272252

Ion Ratio Lower Upper

168 100

99 51.0 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

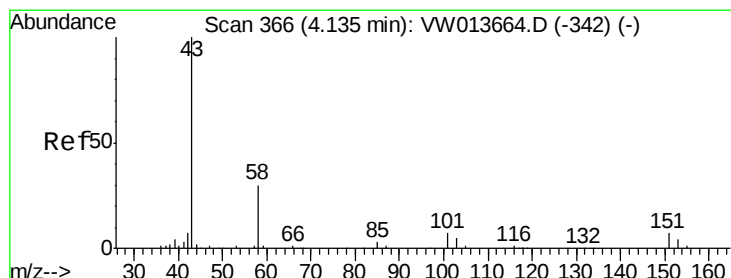
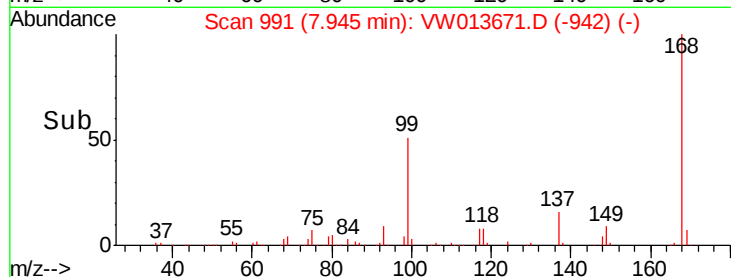
7.95

100000

50000

0

Time-->



#16

Acetone

Concen: 3.154 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW013671.D

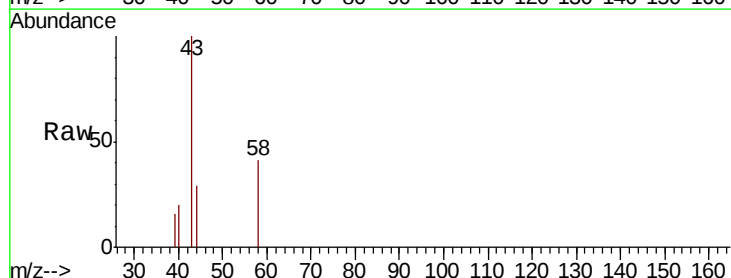
Acq: 23 Oct 2019 17:06

Tgt Ion: 43 Resp: 1366

Ion Ratio Lower Upper

43 100

58 40.9 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

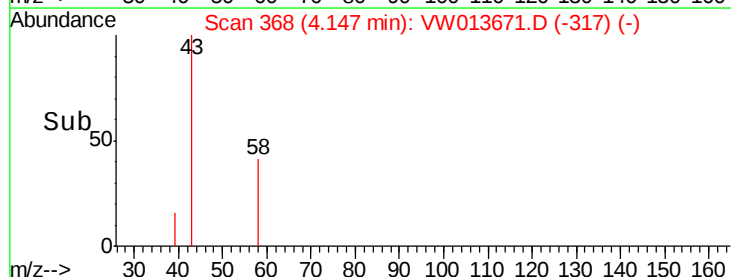
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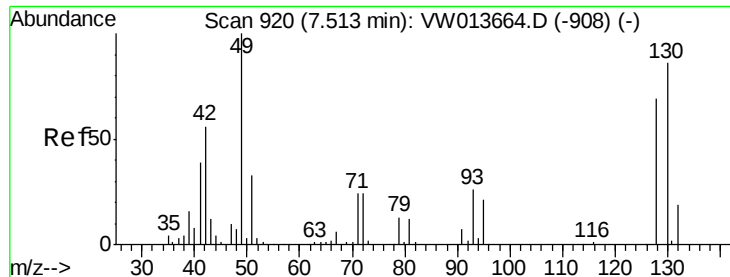
400

200

0

Time-->





#28

Bromochloromethane

Concen: 1.353 ug/l

RT: 7.67 min Scan# 946

Delta R.T. 0.16 min

Lab File: VW013671.D

Acq: 23 Oct 2019 17:06

Instrument :
MSVOA_W
ClientSampleId :

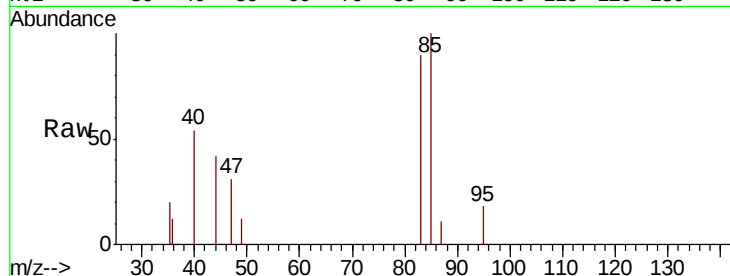
Tot Ion: 49 Resp: 20

Ion Ratio Lower Upper

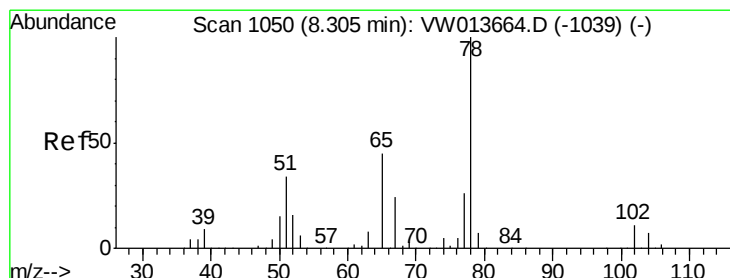
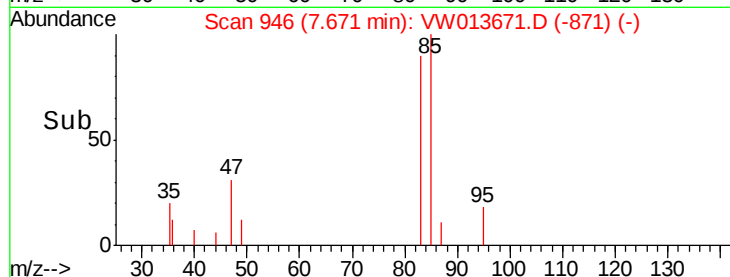
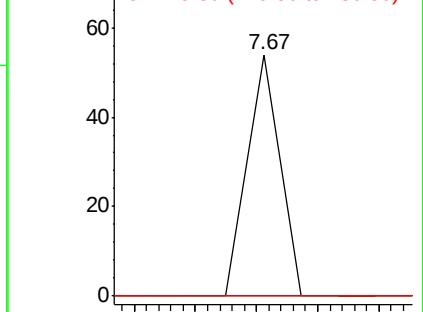
49 100

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: 54.406 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013671.D

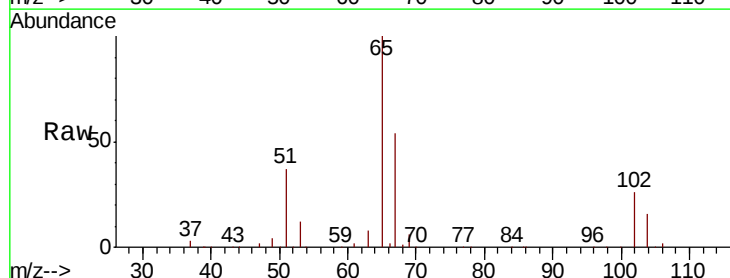
Acq: 23 Oct 2019 17:06

Tgt Ion: 65 Resp: 111115

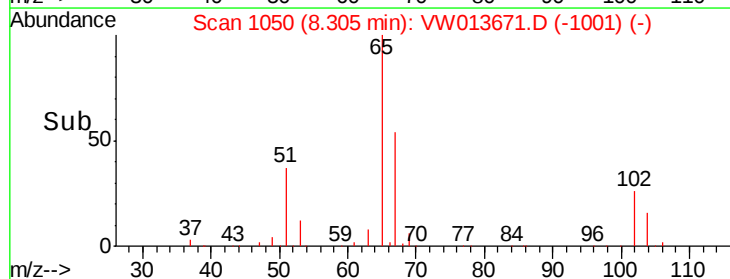
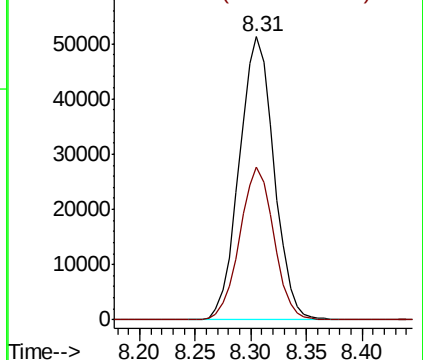
Ion Ratio Lower Upper

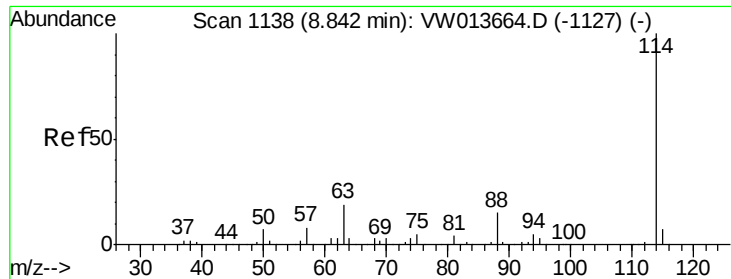
65 100

67 52.9 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

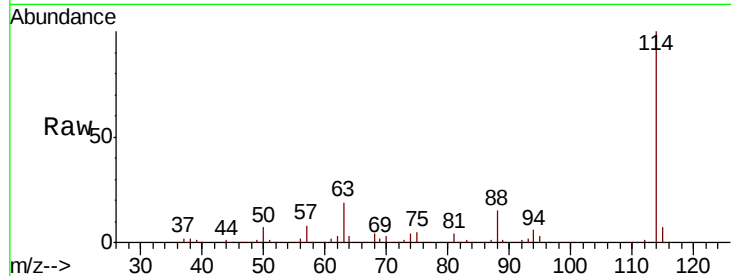




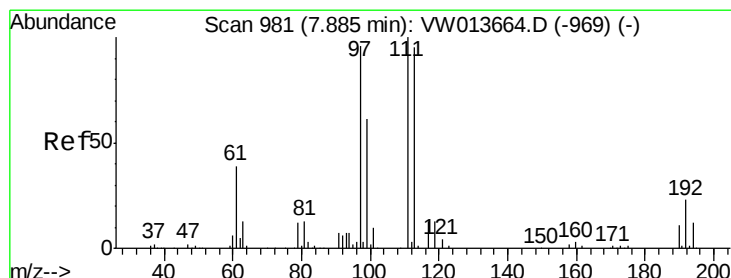
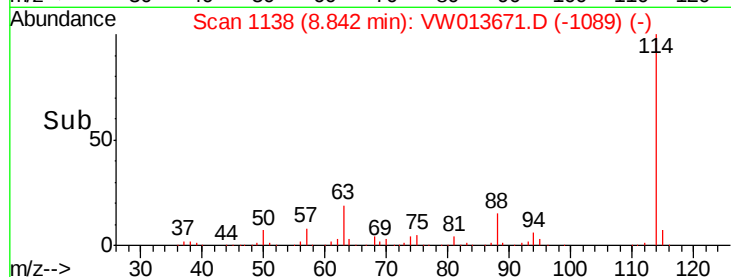
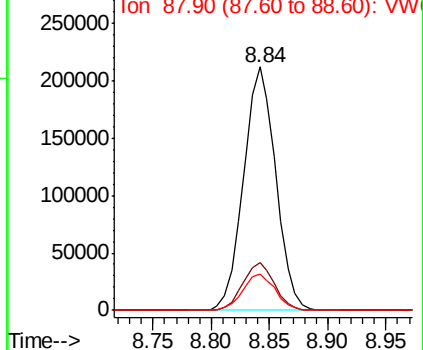
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW013671.D
Acq: 23 Oct 2019 17:06

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:114 Resp: 410180
Ion Ratio Lower Upper
114 100
63 19.4 0.0 37.6
88 15.0 0.0 30.2

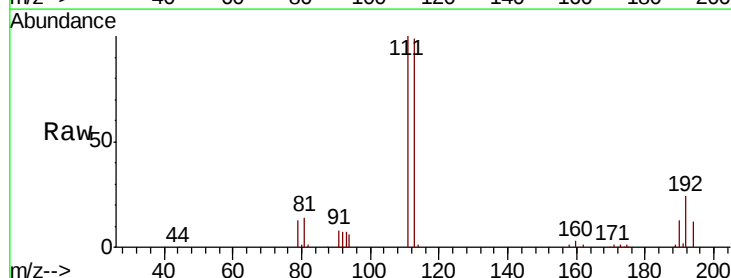


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

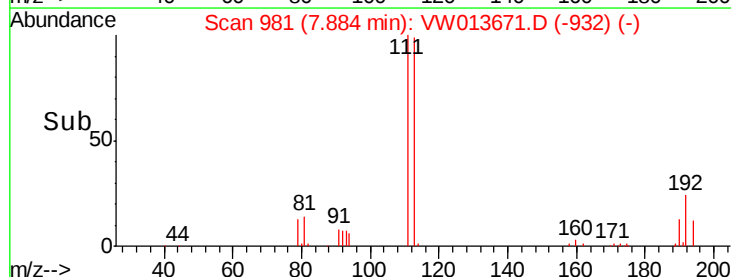
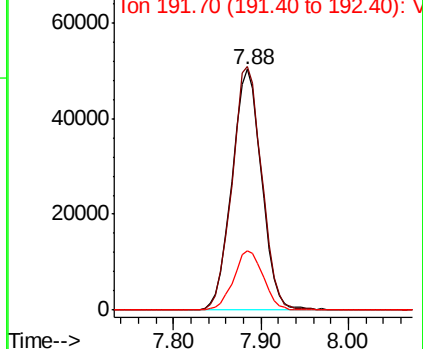


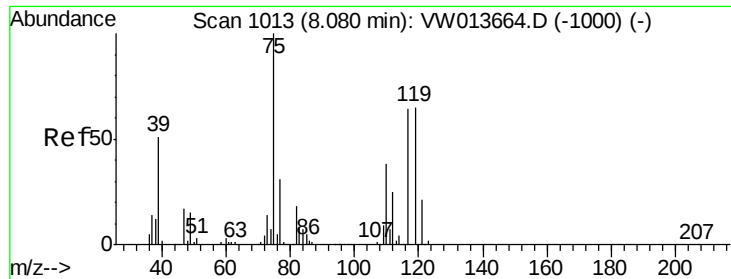
#35
Dibromofluoromethane
Concen: 51.972 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW013671.D
Acq: 23 Oct 2019 17:06

Tgt Ion:113 Resp: 118453
Ion Ratio Lower Upper
113 100
111 100.9 83.0 124.6
192 24.6 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

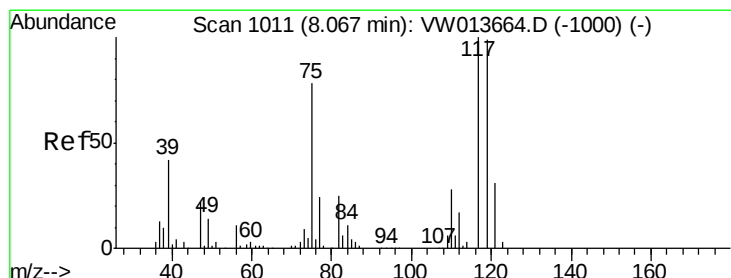
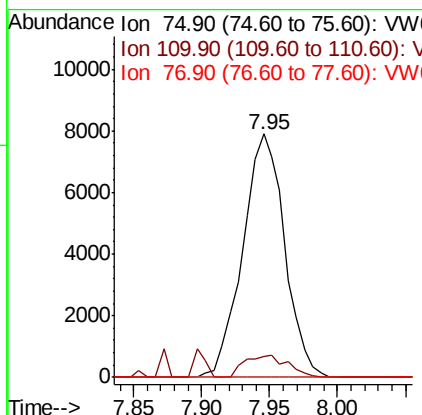
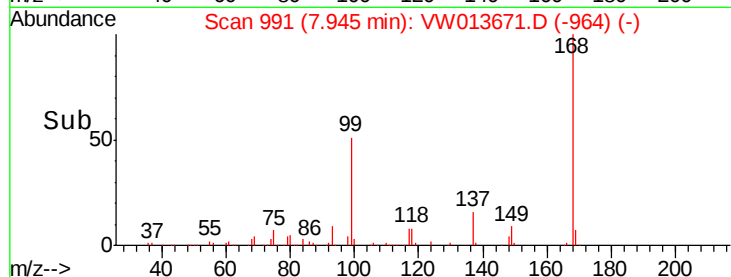
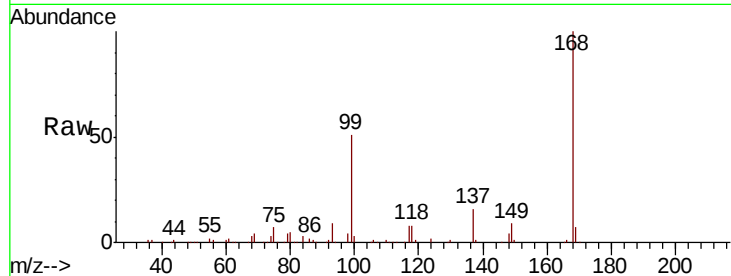




#36
 1,1-Dichloropropene
 Concen: 4.453 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013671.D
 Acq: 23 Oct 2019 17:06

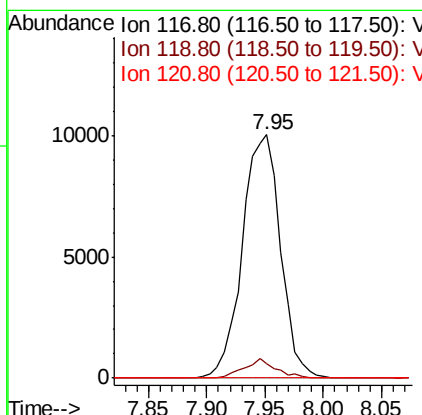
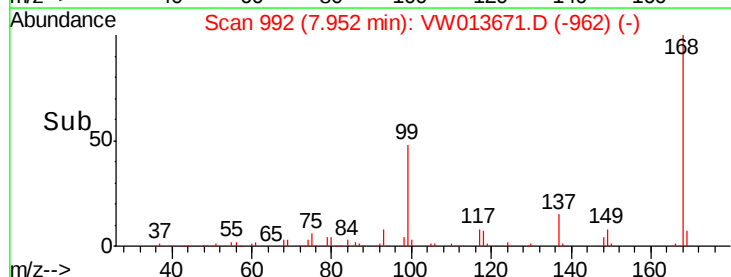
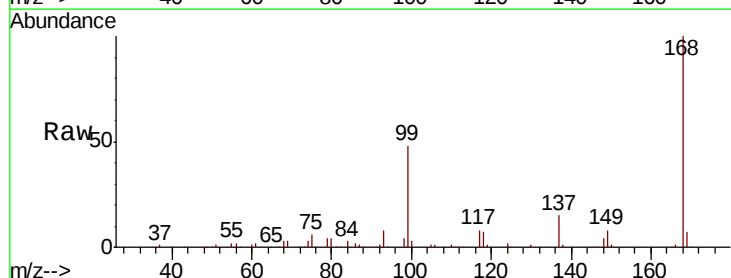
Instrument :
 MSVOA_W
 ClientSampled :

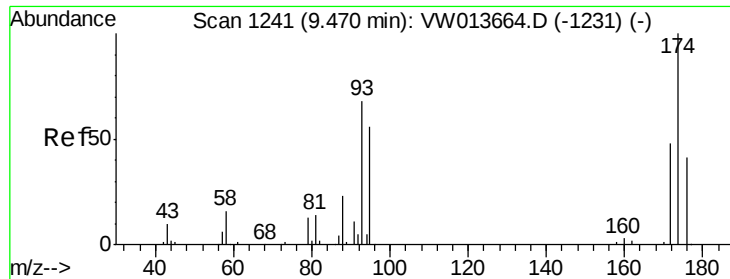
Tot Ion: 75 Resp: 17011
 Ion Ratio Lower Upper
 75 100
 110 9.4 18.7 56.1#
 77 0.0 25.4 38.0#



#38
 Carbon Tetrachloride
 Concen: 6.656 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW013671.D
 Acq: 23 Oct 2019 17:06

Tgt Ion: 117 Resp: 22895
 Ion Ratio Lower Upper
 117 100
 119 6.0 79.0 118.4#
 121 0.0 24.5 36.7#

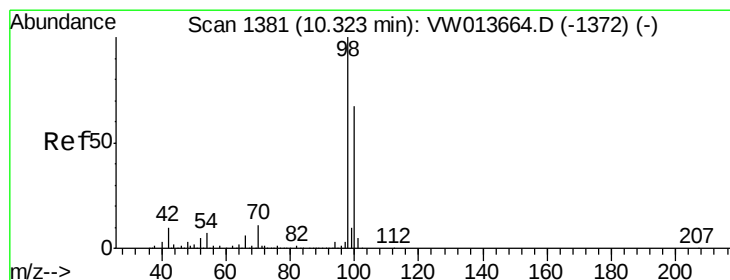
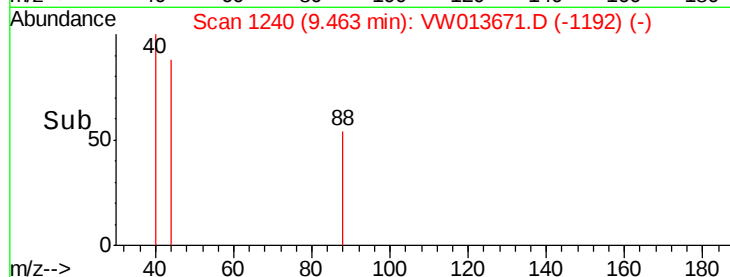
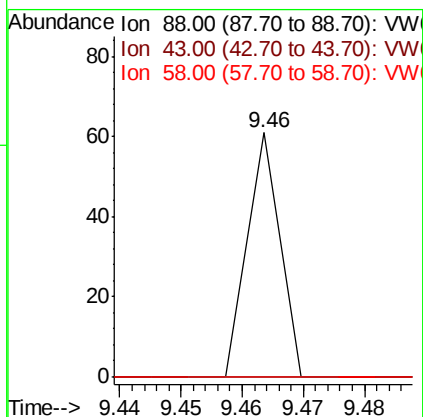
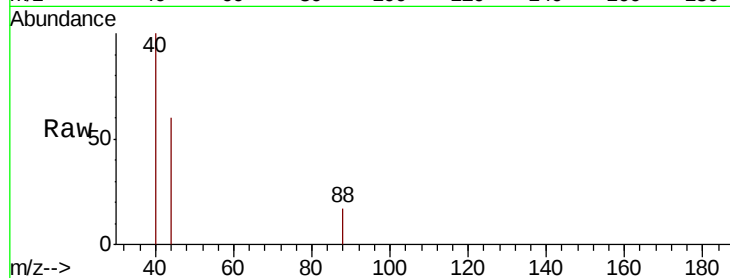




#49
 1,4-Dioxane
 Concen: 1.188 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: VW013671.D
 Acq: 23 Oct 2019 17:06

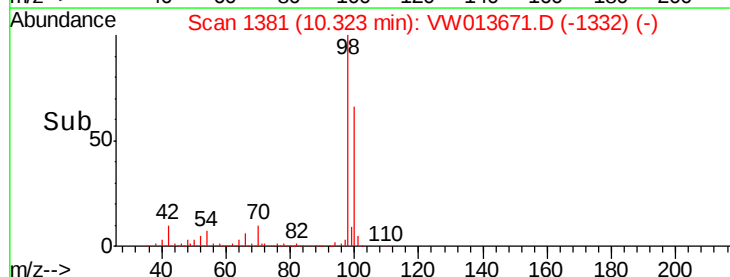
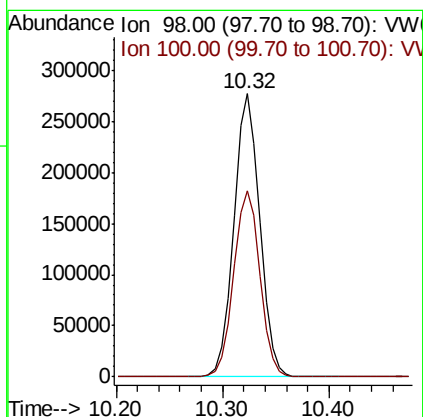
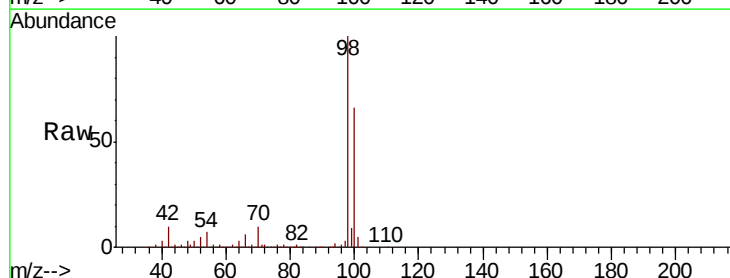
Instrument :
 MSVOA_W
 ClientSampleId :

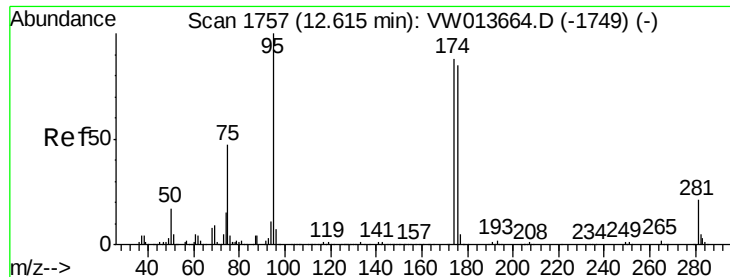
Tot Ion: 88 Resp: 22
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 0.0 58.9 88.3#



#50
 Toluene-d8
 Concen: 50.885 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW013671.D
 Acq: 23 Oct 2019 17:06

Tgt Ion: 98 Resp: 472574
 Ion Ratio Lower Upper
 98 100
 100 66.5 53.4 80.0

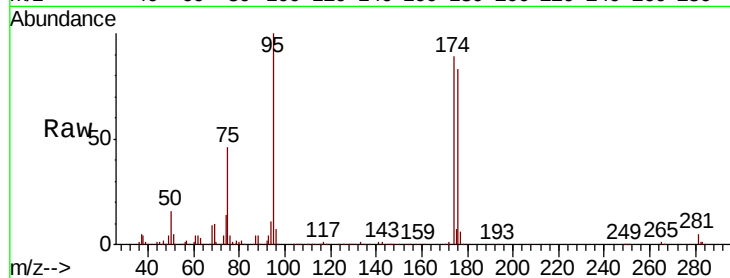




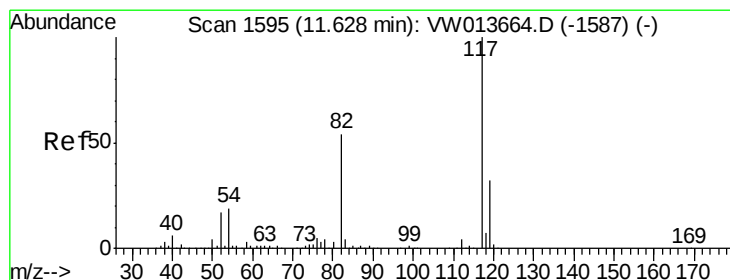
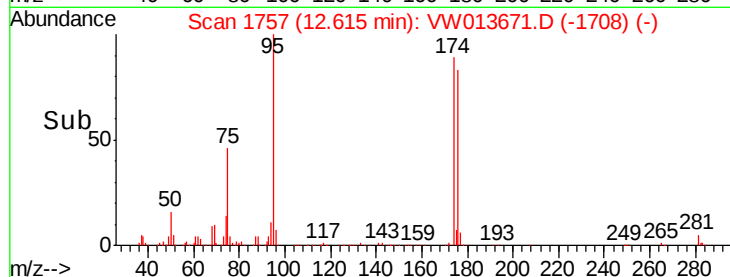
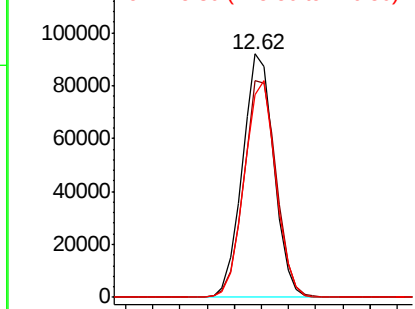
#62
4-Bromofluorobenzene
Concen: 47.336 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013671.D
Acq: 23 Oct 2019 17:06

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	95	Resp	148856
Ion Ratio	Lower	Upper	
95	100		
174	91.9	0.0	183.6
176	89.3	0.0	178.0

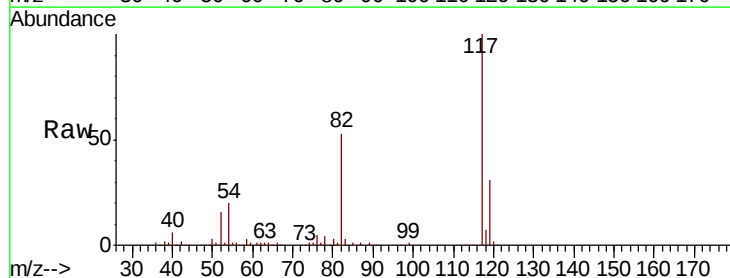


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

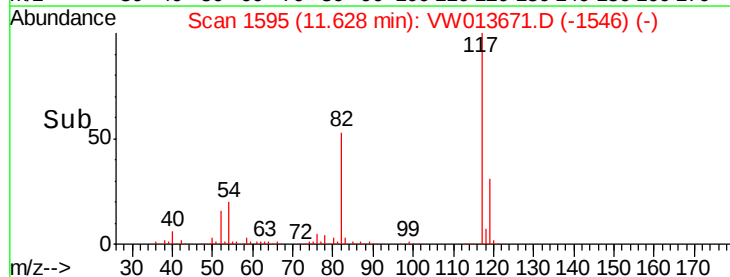
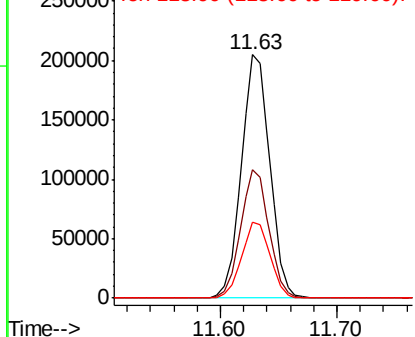


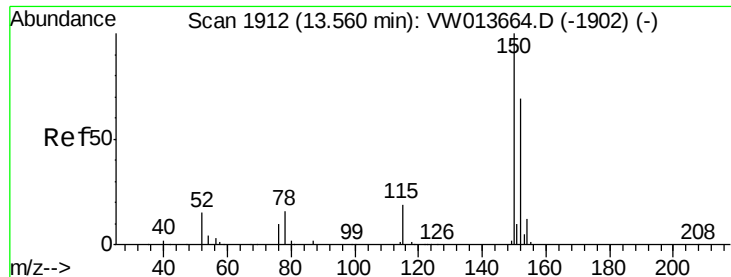
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013671.D
Acq: 23 Oct 2019 17:06

Tgt Ion	117	Resp	348720
Ion Ratio	Lower	Upper	
117	100		
82	52.6	43.6	65.4
119	31.4	25.4	38.2



Abundance Ion 116.90 (116.60 to 117.60): VW
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): VW



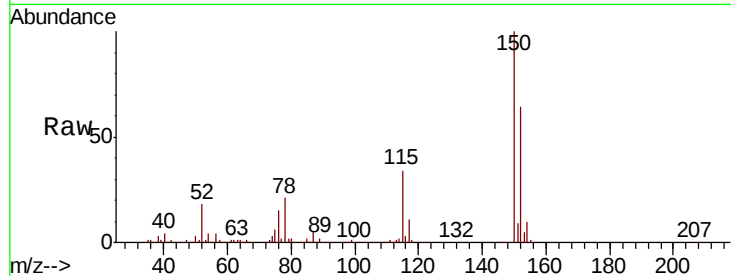


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013671.D
Acq: 23 Oct 2019 17:06

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.1	27.4	82.2
150	157.4	0.0	345.4

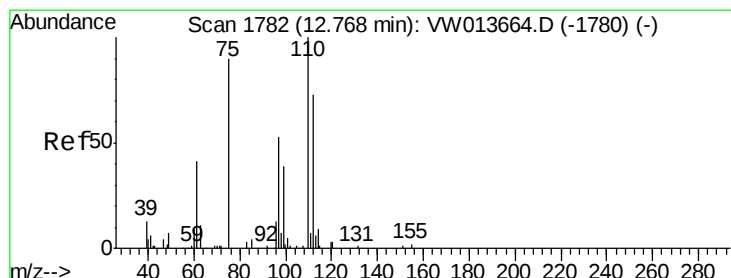
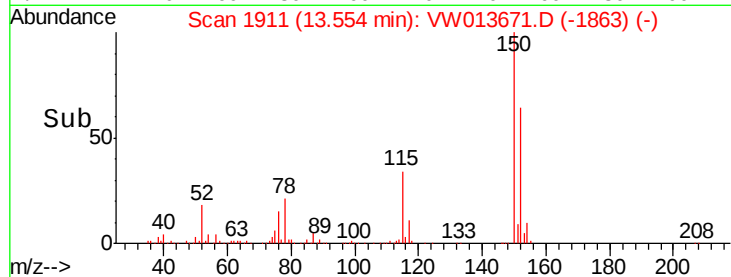
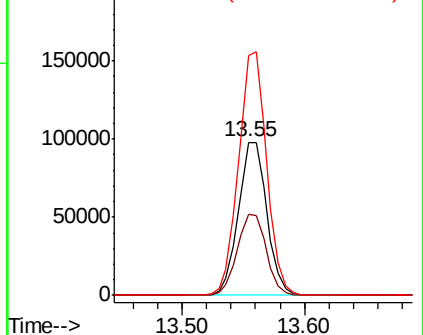


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

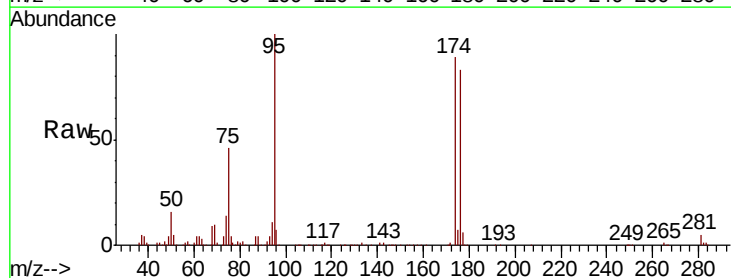
Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane
Concen: 61.561 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW013671.D
Acq: 23 Oct 2019 17:06

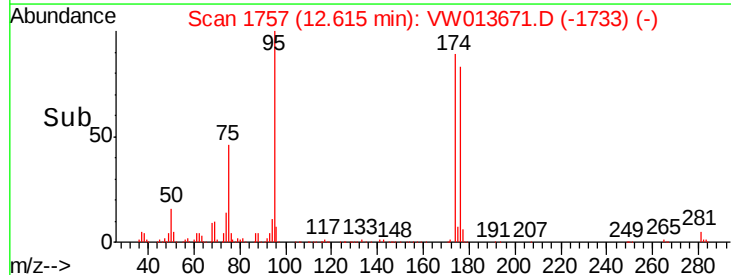
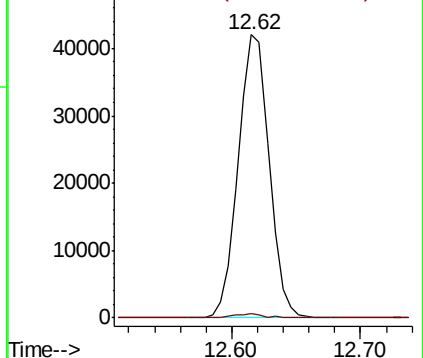
Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#

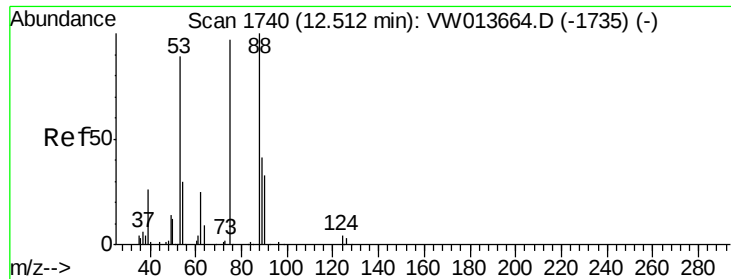


Abundance

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: 116.341 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013671.D

Acq: 23 Oct 2019 17:06

Instrument :

MSVOA_W

ClientSampleId :

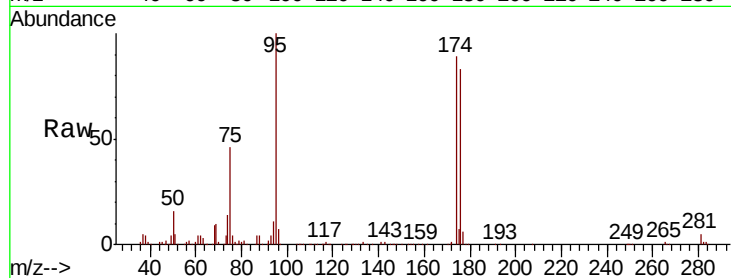
Tot Ion: 75 Resp: 69583

Ion Ratio Lower Upper

75 100

53 0.0 71.7 107.5#

89 0.1 35.8 53.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

