

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013672.D
 Acq On : 23 Oct 2019 17:32
 Operator : SY/VA
 Sample : K5501-10
 Misc : 6.26G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 24 07:26:48 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

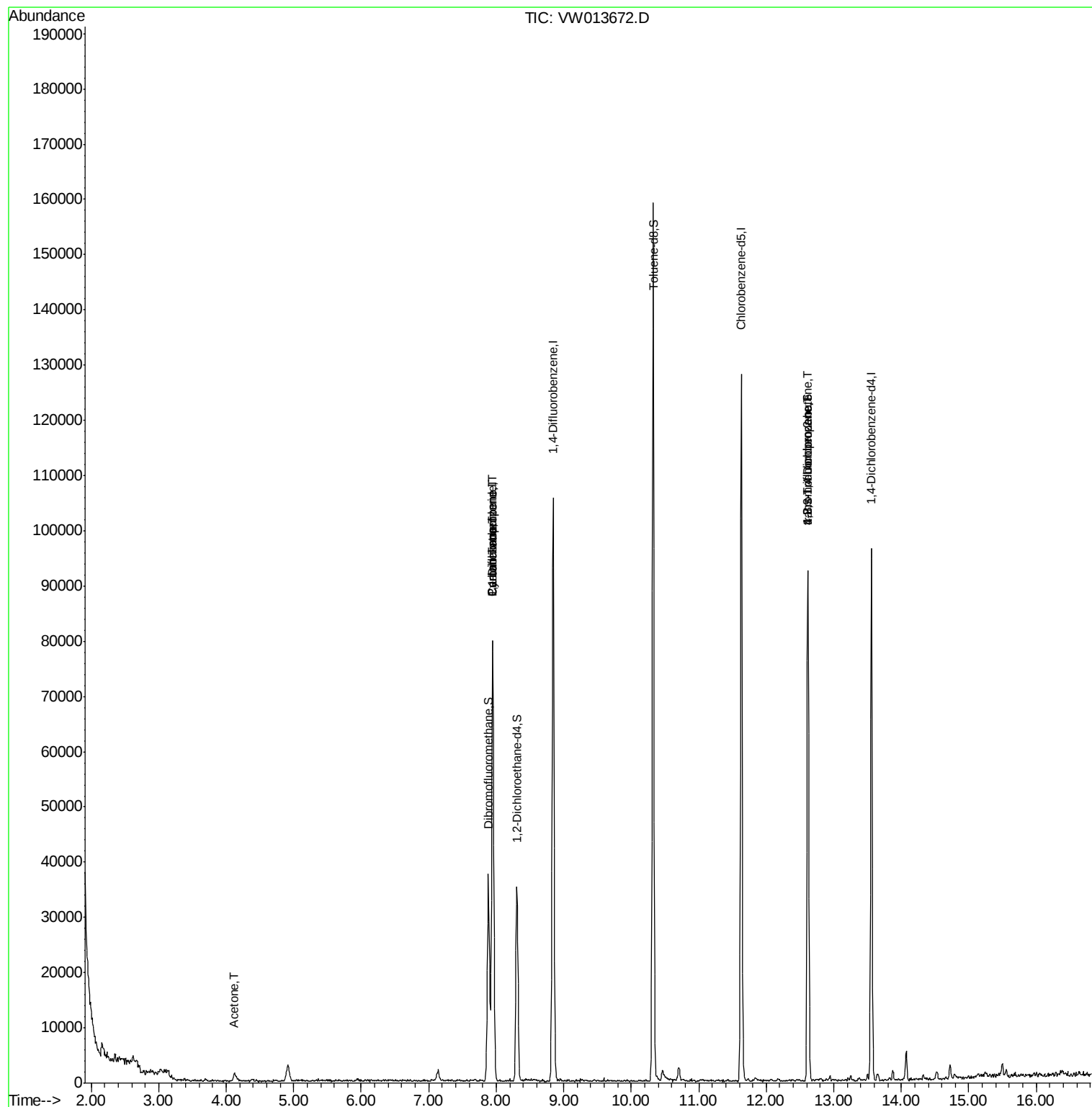
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	67282	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	95557	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	78566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	27378	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	27510	54.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.00%	
35) Dibromofluoromethane	7.88	113	28602	53.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.74%	
50) Toluene-d8	10.32	98	108507	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
62) 4-Bromofluorobenzene	12.62	95	29598	40.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.80%	
Target Compounds						
16) Acetone	4.12	43	2684	25.080	ug/l	93
20) Methylene Chloride	4.92	84	2173	Below Cal	#	75
31) Cyclohexane	7.95	56	1209	1.078	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	4122	4.632	ug/l #	45
38) Carbon Tetrachloride	7.95	117	5824	7.267	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	13796	70.169	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	13796	132.609	ug/l #	14

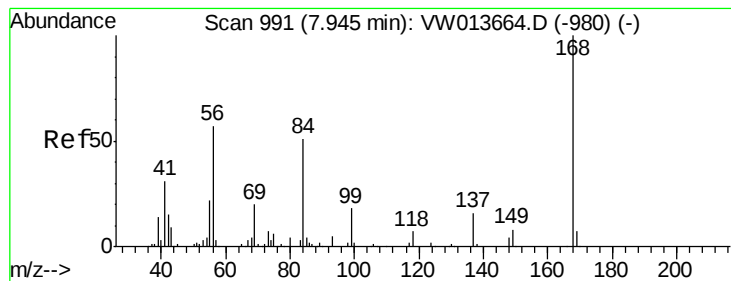
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013672.D

Acq: 23 Oct 2019 17:32

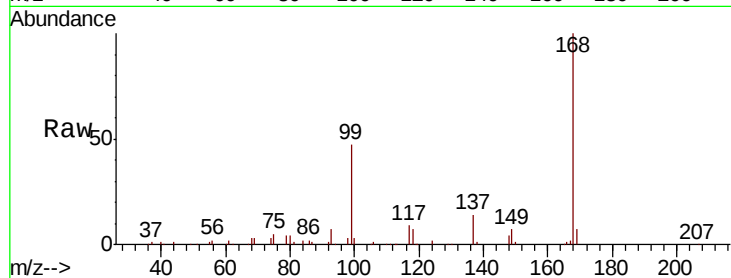
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 67282

Ion Ratio Lower Upper

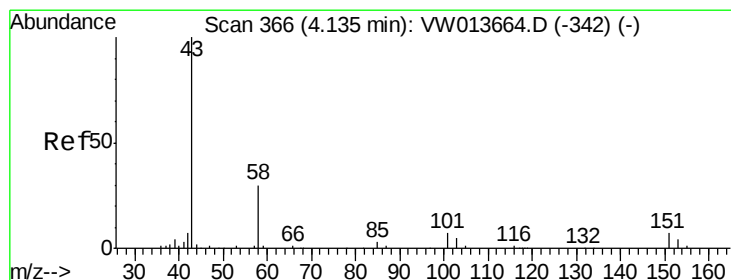
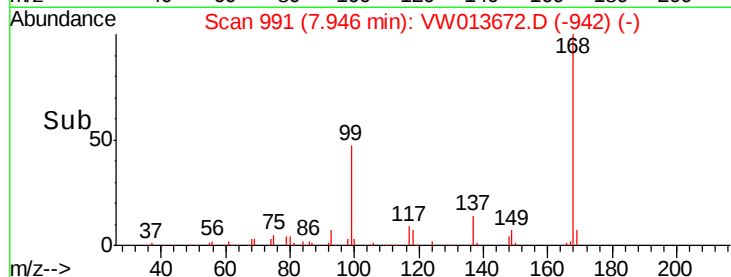
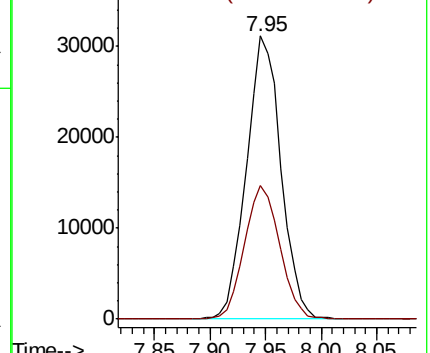
168 100

99 47.1 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 25.080 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW013672.D

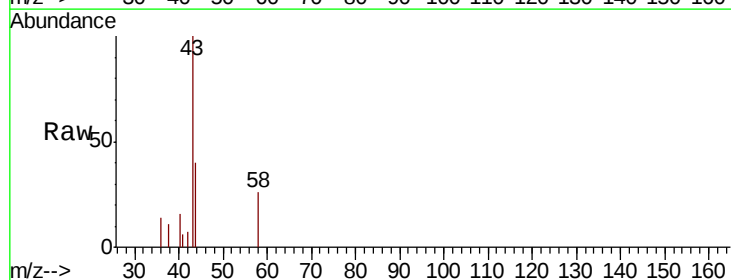
Acq: 23 Oct 2019 17:32

Tgt Ion: 43 Resp: 2684

Ion Ratio Lower Upper

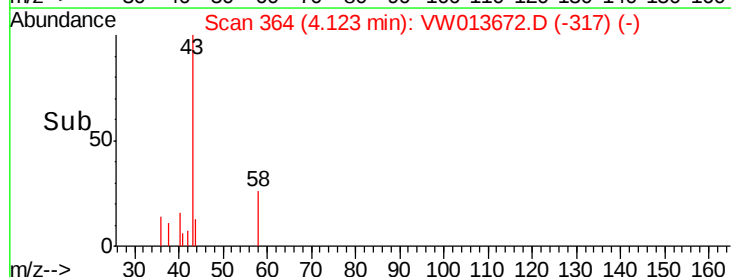
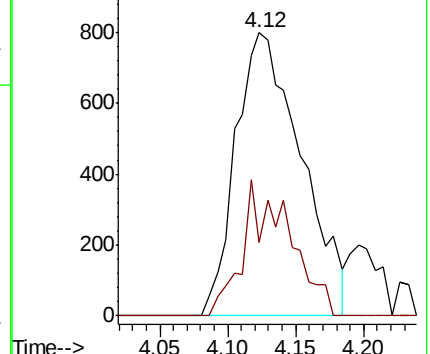
43 100

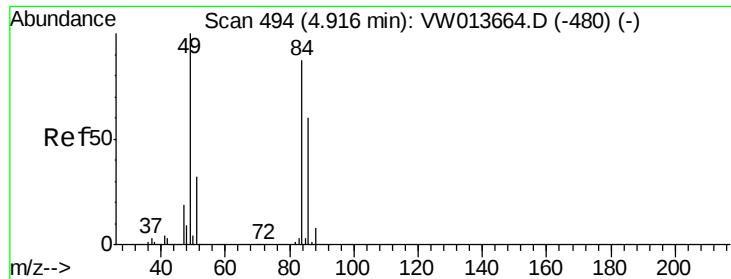
58 26.1 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

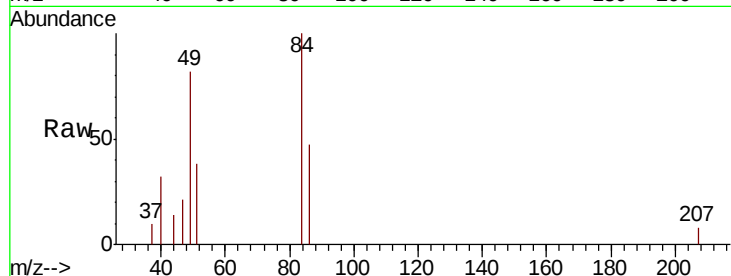




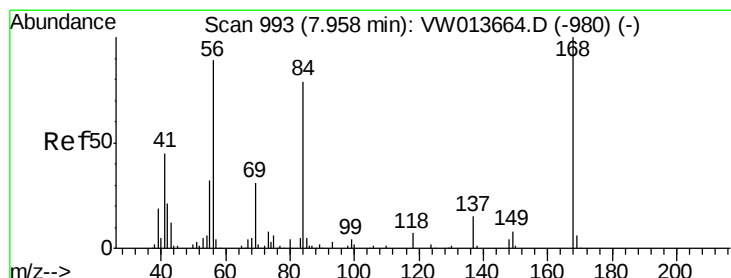
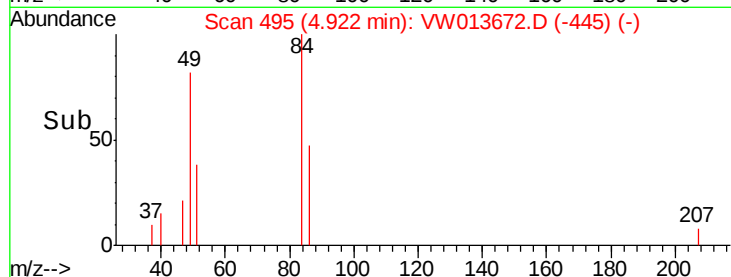
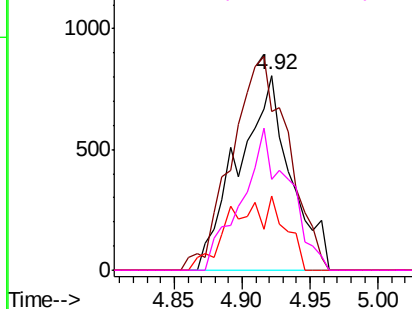
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW013672.D
Acq: 23 Oct 2019 17:32

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 84 Resp: 2173
Ion Ratio Lower Upper
84 100
49 81.6 91.8 137.6#
51 38.1 29.8 44.6
86 46.7 55.2 82.8#

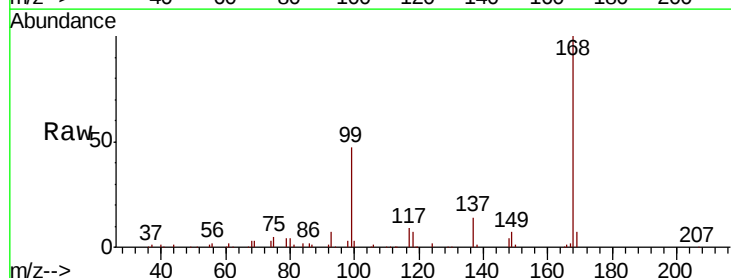


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

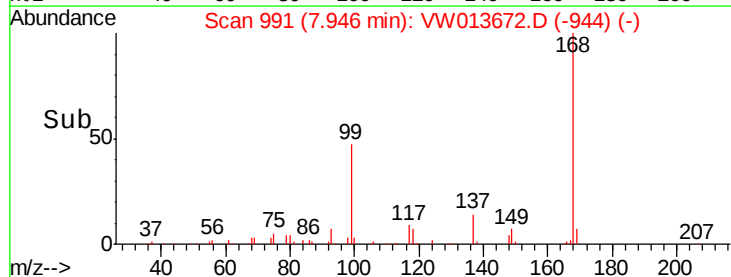
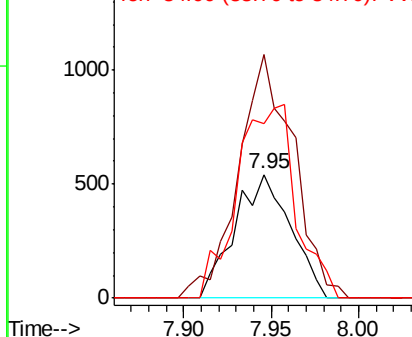


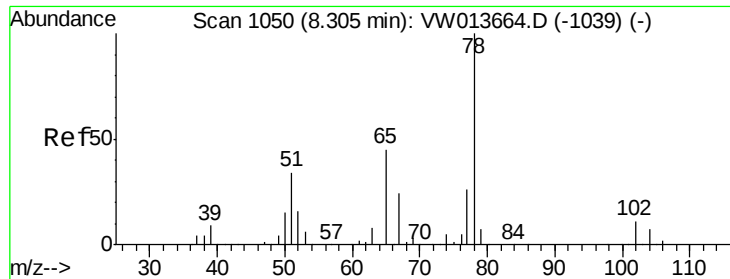
#31
Cyclohexane
Concen: 1.078 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW013672.D
Acq: 23 Oct 2019 17:32

Tgt Ion: 56 Resp: 1209
Ion Ratio Lower Upper
56 100
69 187.1 27.5 41.3#
84 141.7 70.8 106.2#



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

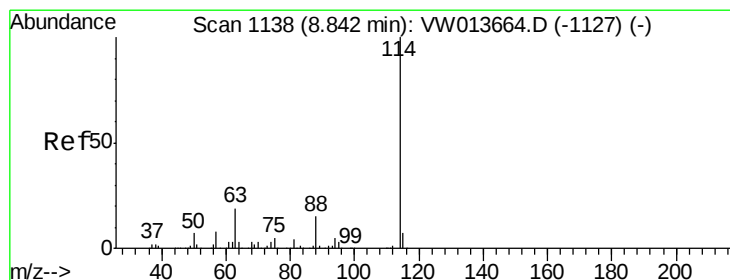
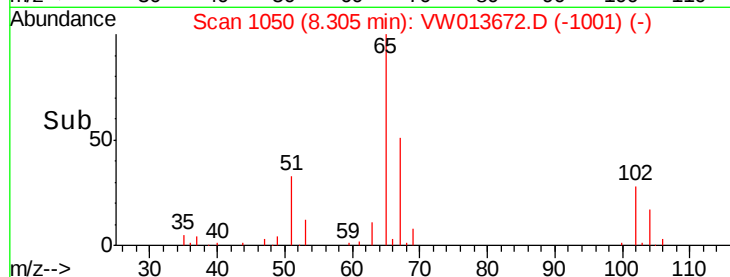
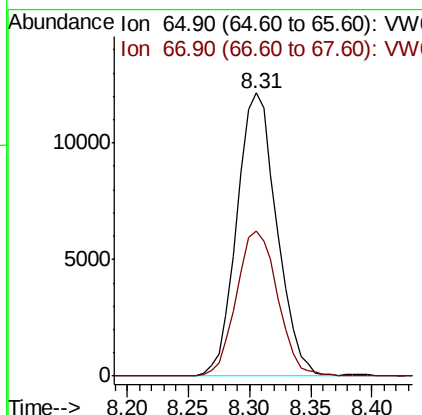
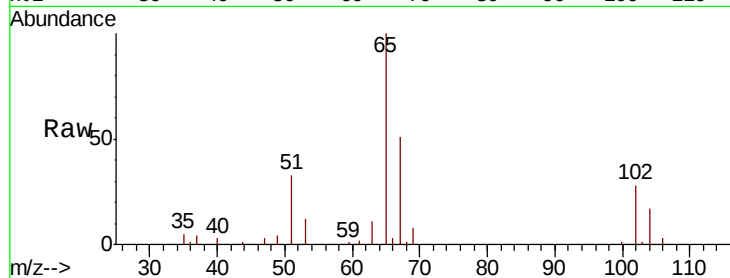




#33
 1,2-Dichloroethane-d4
 Concen: 54.505 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW013672.D
 Acq: 23 Oct 2019 17:32

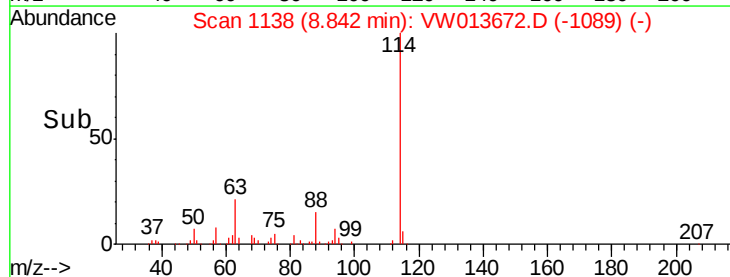
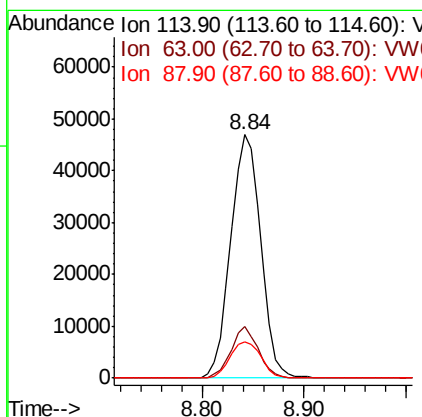
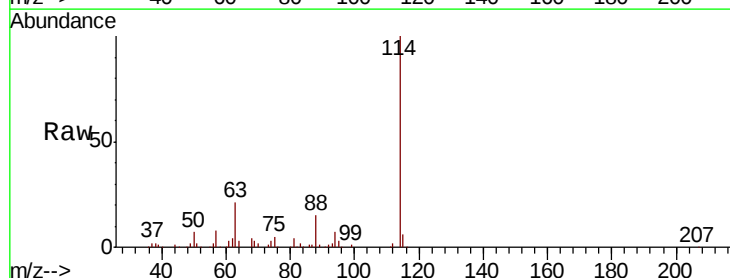
Instrument :
 MSVOA_W
 ClientSampleId :

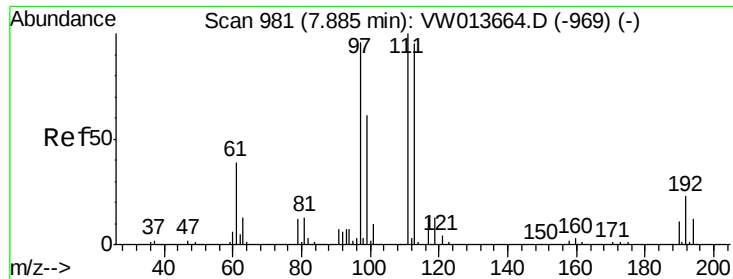
Tot Ion: 65 Resp: 27510
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013672.D
 Acq: 23 Oct 2019 17:32

Tgt Ion: 114 Resp: 95557
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 37.6
 88 14.9 0.0 30.2

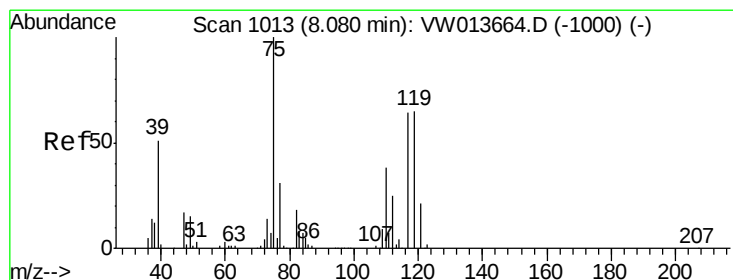
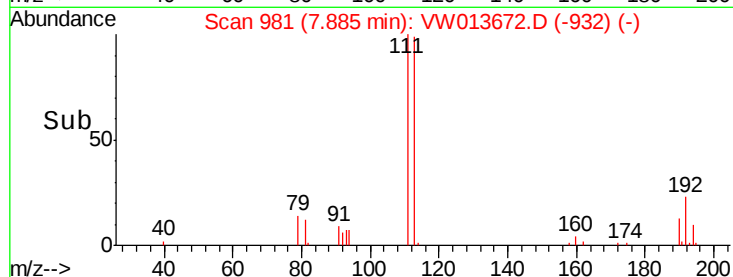
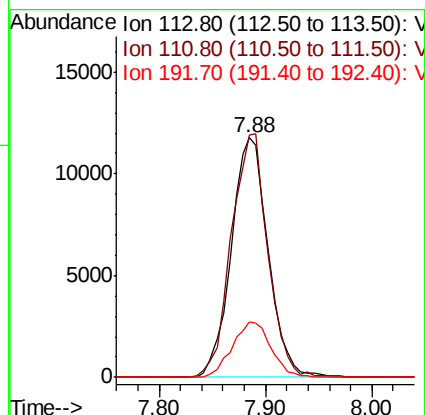
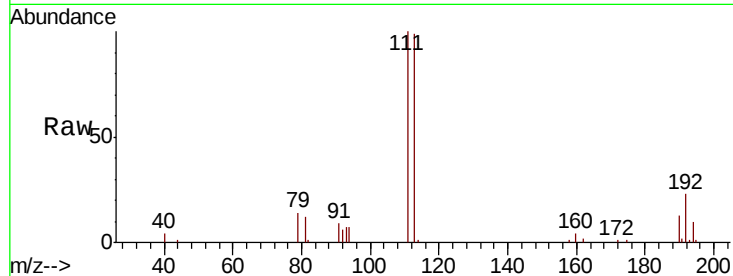




#35
 Dibromofluoromethane
 Concen: 53.868 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW013672.D
 Acq: 23 Oct 2019 17:32

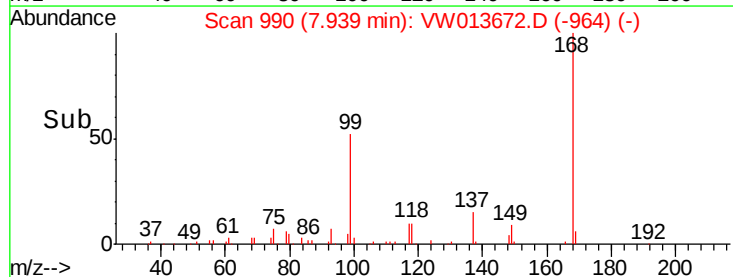
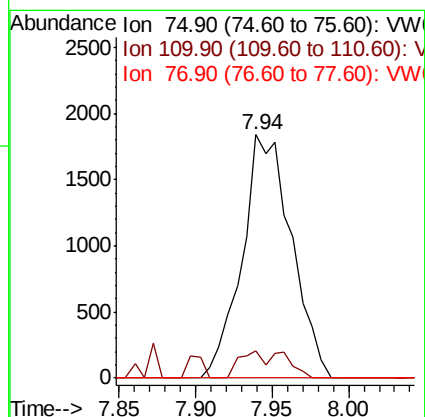
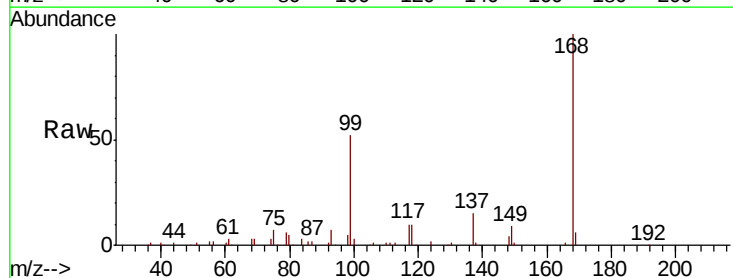
Instrument :
 MSVOA_W
 ClientSampleId :

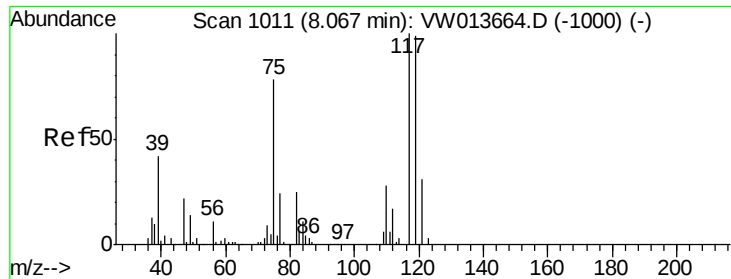
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.2	83.0	124.6
192	24.1	19.4	29.2



#36
 1,1-Dichloropropene
 Concen: 4.632 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW013672.D
 Acq: 23 Oct 2019 17:32

Tgt Ion	Ratio	Lower	Upper
75	100		
110	5.6	18.7	56.1#
77	0.0	25.4	38.0#





#38

Carbon Tetrachloride

Concen: 7.267 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW013672.D

Acq: 23 Oct 2019 17:32

Instrument :

MSVOA_W

ClientSampleId :

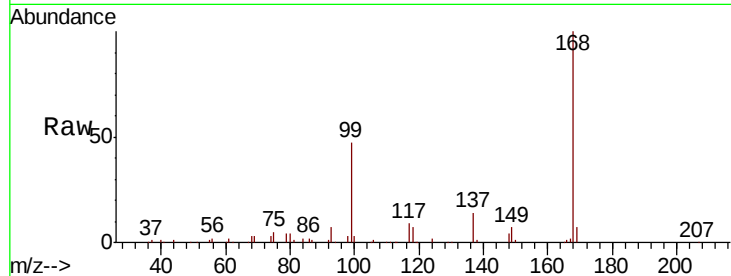
Tot Ion:117 Resp: 5824

Ion Ratio Lower Upper

117 100

119 7.7 79.0 118.4#

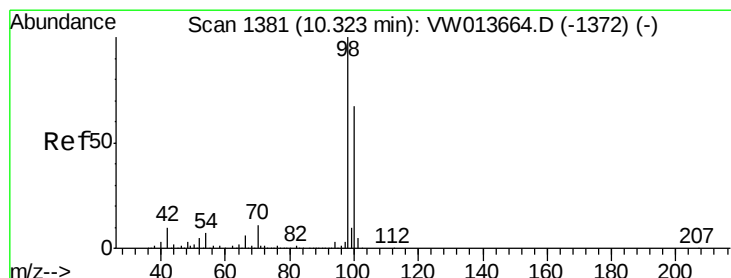
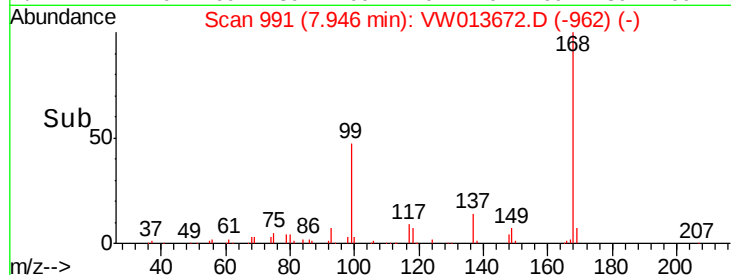
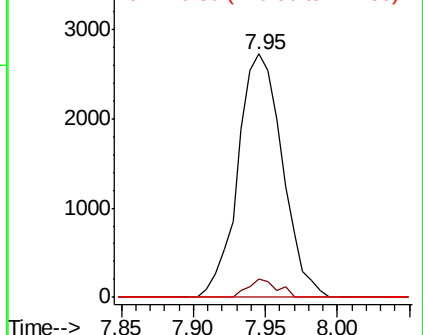
121 0.0 24.5 36.7#



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: 50.152 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013672.D

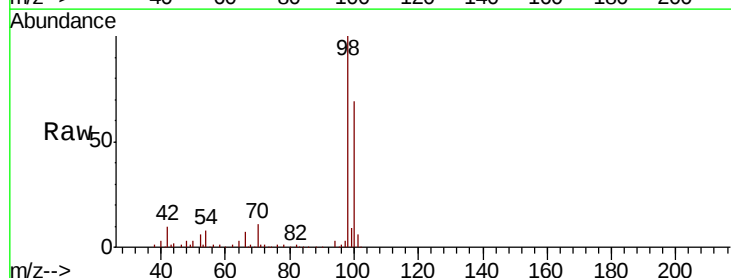
Acq: 23 Oct 2019 17:32

Tgt Ion: 98 Resp: 108507

Ion Ratio Lower Upper

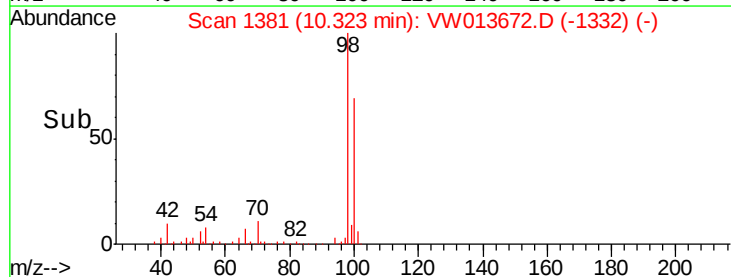
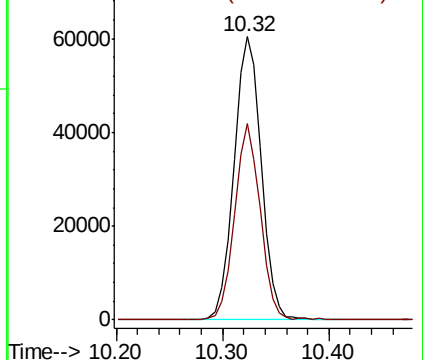
98 100

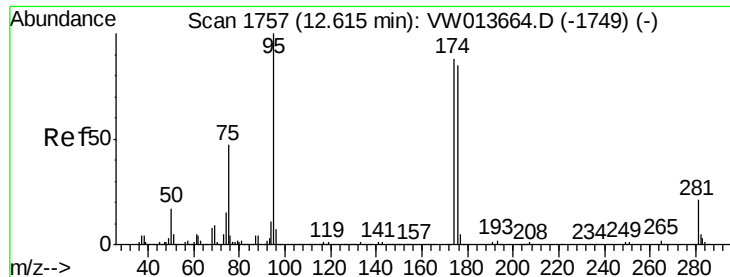
100 65.1 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

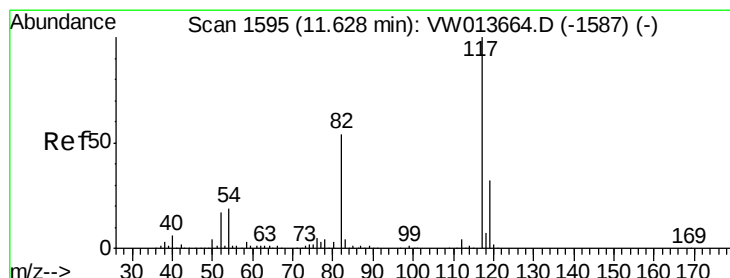
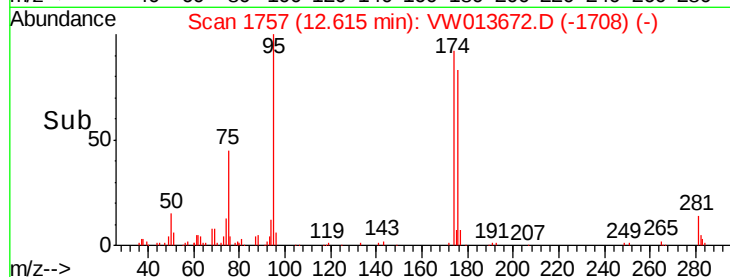
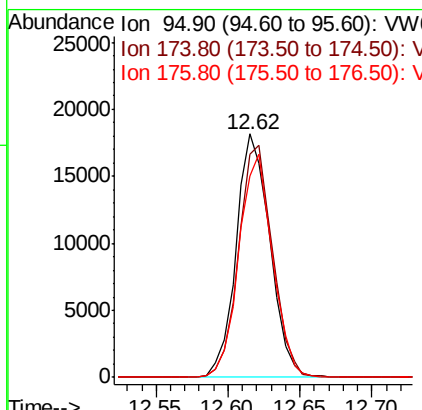
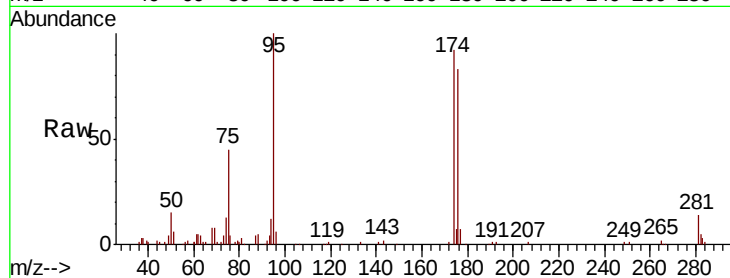




#62
4-Bromofluorobenzene
Concen: 40.402 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013672.D
Acq: 23 Oct 2019 17:32

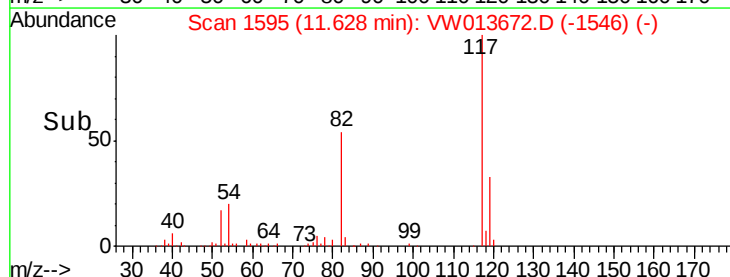
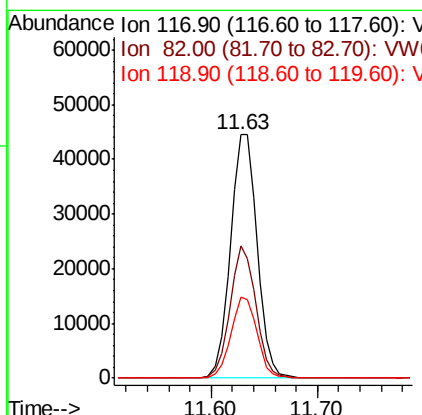
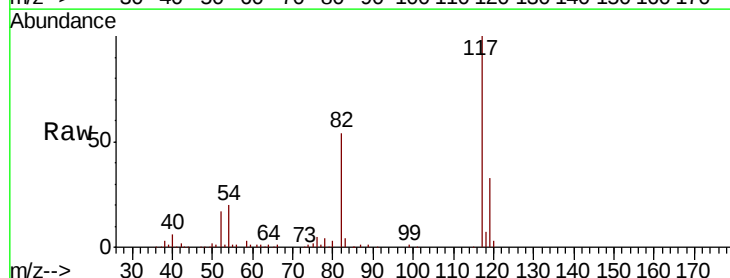
Instrument :
MSVOA_W
ClientSampleId :

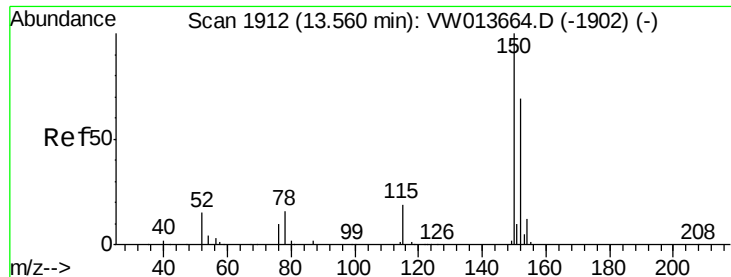
Tot Ion: 95 Resp: 29598
Ion Ratio Lower Upper
95 100
174 95.6 0.0 183.6
176 91.1 0.0 178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013672.D
Acq: 23 Oct 2019 17:32

Tgt Ion: 117 Resp: 78566
Ion Ratio Lower Upper
117 100
82 54.3 43.6 65.4
119 33.2 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: VW013672.D

Acq: 23 Oct 2019 17:32

Instrument :

MSVOA_W

ClientSampleId :

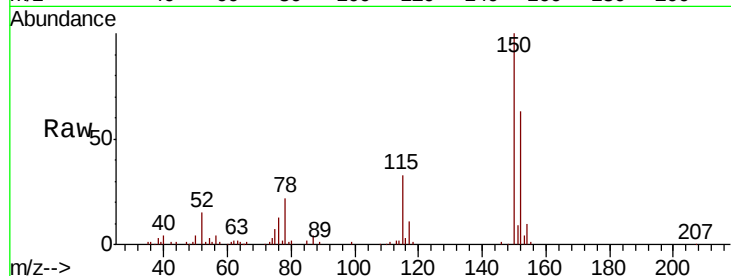
Tot Ion:152 Resp: 27378

Ion Ratio Lower Upper

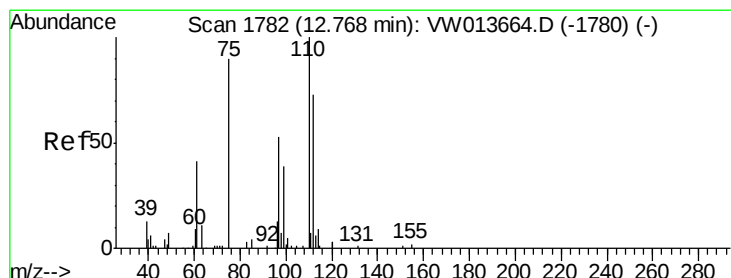
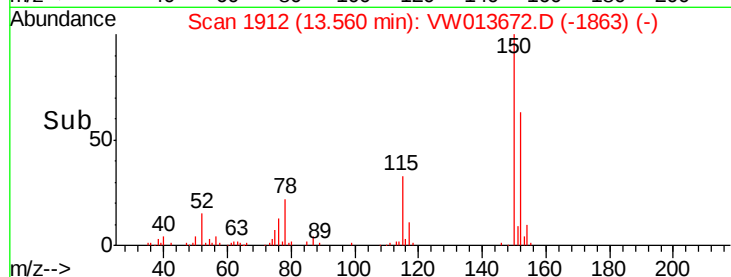
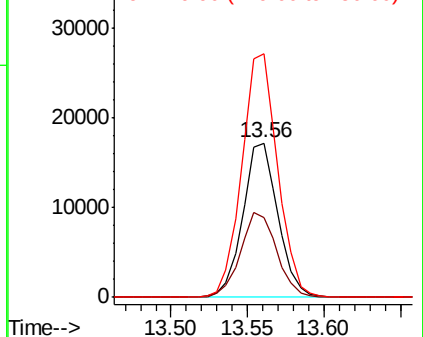
152 100

115 56.5 27.4 82.2

150 160.7 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: 70.169 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013672.D

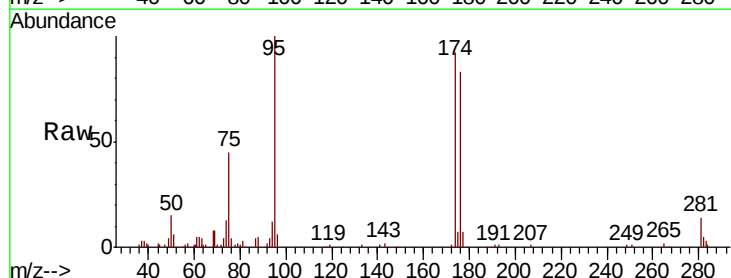
Acq: 23 Oct 2019 17:32

Tgt Ion: 75 Resp: 13796

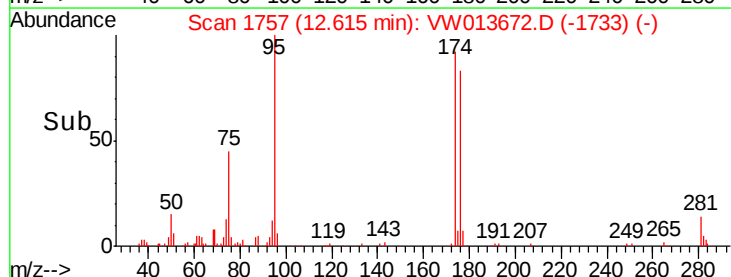
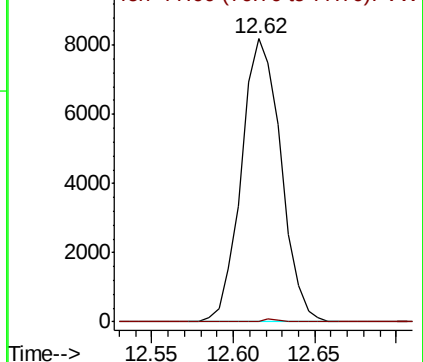
Ion Ratio Lower Upper

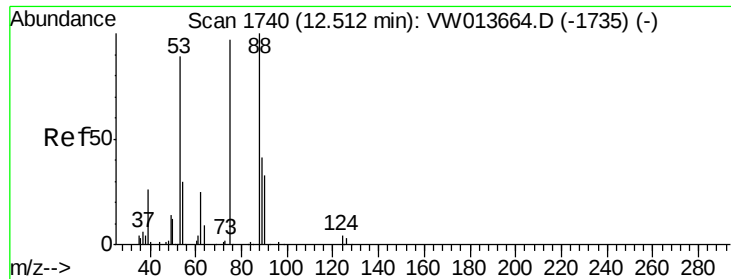
75 100

77 0.4 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: 132.609 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013672.D

Acq: 23 Oct 2019 17:32

Instrument :

MSVOA_W

ClientSampleId :

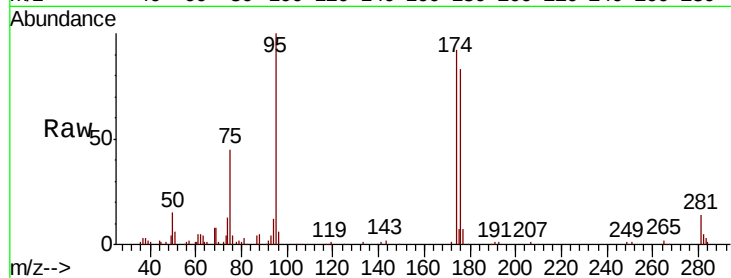
Tot Ion: 75 Resp: 13796

Ion Ratio Lower Upper

75 100

53 0.0 71.7 107.5#

89 0.0 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

