

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013675.D
 Acq On : 23 Oct 2019 18:50
 Operator : SY/VA
 Sample : K5501-16
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 24 07:27:18 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

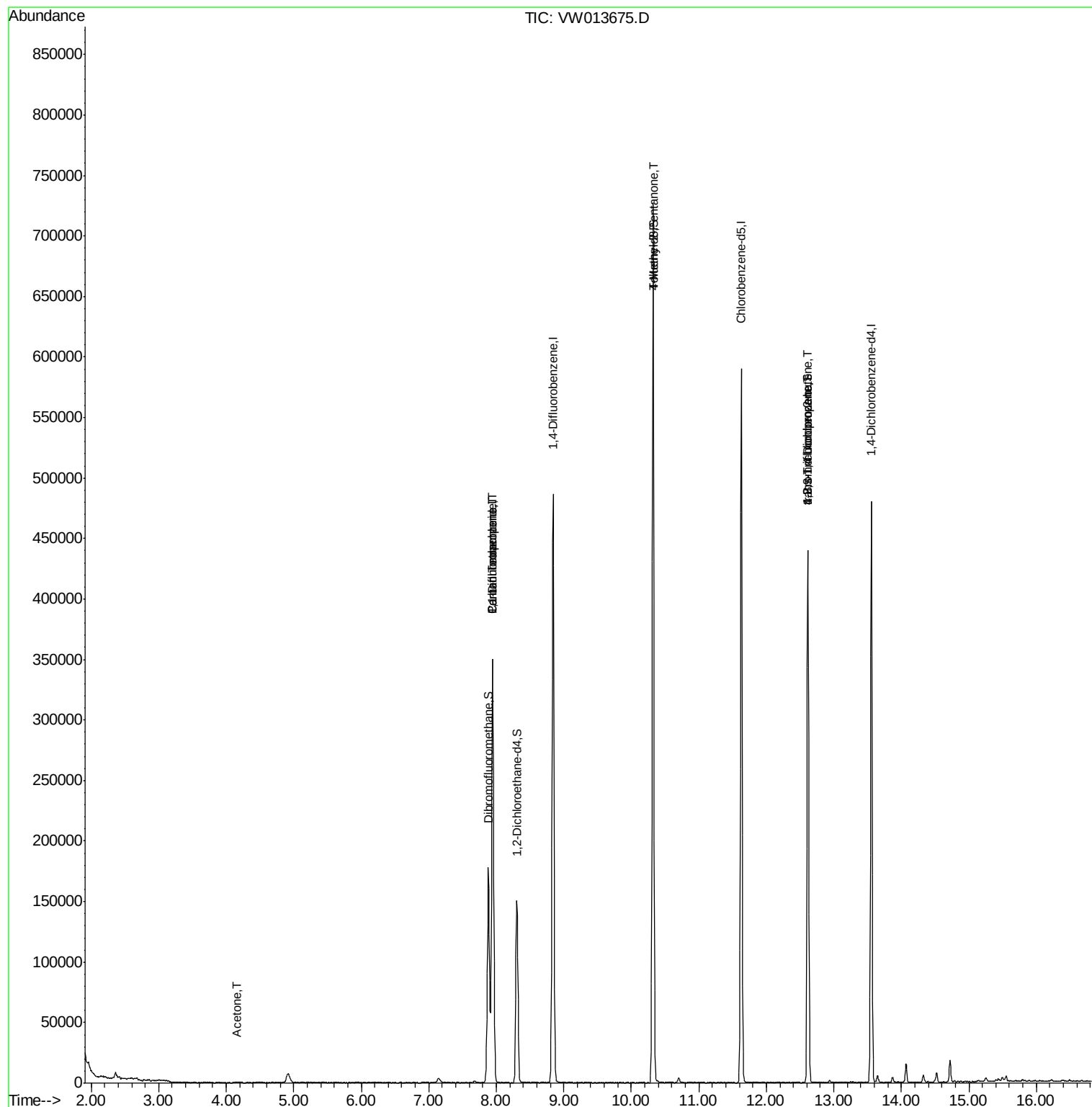
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	287413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	432537	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	355968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	140225	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	117402	54.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.90%	
35) Dibromofluoromethane	7.88	113	124237	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
50) Toluene-d8	10.32	98	493797	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.84%	
62) 4-Bromofluorobenzene	12.62	95	145873	43.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.98%	
Target Compounds						
16) Acetone	4.16	43	1617	3.537	ug/l #	74
20) Methylene Chloride	4.92	84	7000	Below Cal		87
36) 1,1-Dichloropropene	7.95	75	18746	4.654	ug/l #	48
38) Carbon Tetrachloride	7.95	117	24902	6.865	ug/l #	15
51) 4-Methyl-2-Pentanone	10.32	43	2151	1.467	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	67816	67.344	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	67816	127.270	ug/l #	14

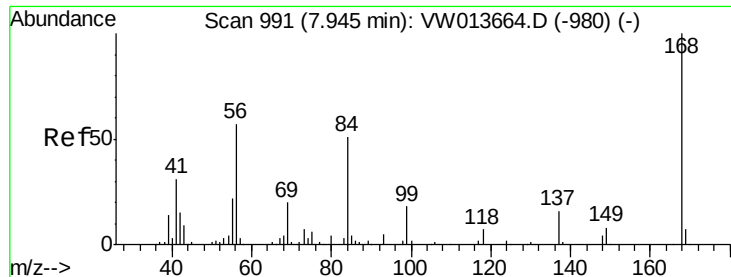
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102319\
Data File : VW013675.D
Acq On : 23 Oct 2019 18:50
Operator : SY/VA
Sample : K5501-16
Misc : 5.07G/5ML/MSVOA W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Oct 24 07:27:18 2019
Quant Method : Z:\V0ASRV\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: VW013675.D

Acq: 23 Oct 2019 18:50

Instrument :

MSVOA_W

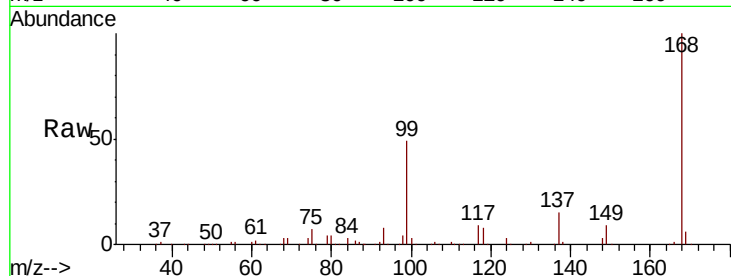
ClientSampleId :

Tot Ion:168 Resp: 287413

Ion Ratio Lower Upper

168 100

99 48.8 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

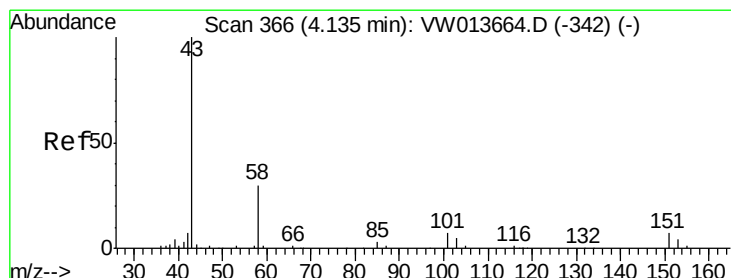
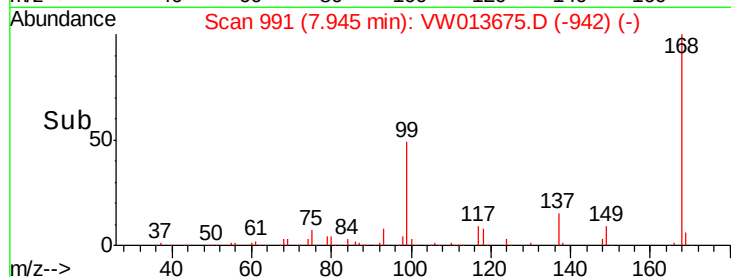
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.537 ug/l

RT: 4.16 min Scan# 370

Delta R.T. 0.02 min

Lab File: VW013675.D

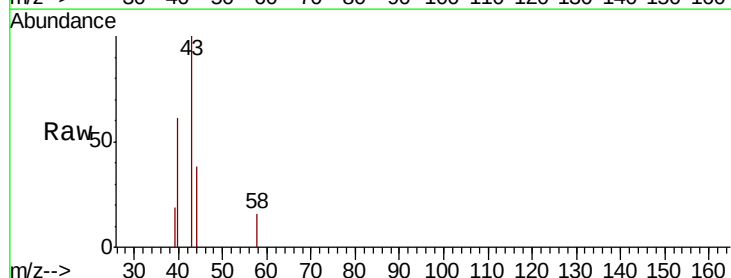
Acq: 23 Oct 2019 18:50

Tgt Ion: 43 Resp: 1617

Ion Ratio Lower Upper

43 100

58 15.7 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.16

500

400

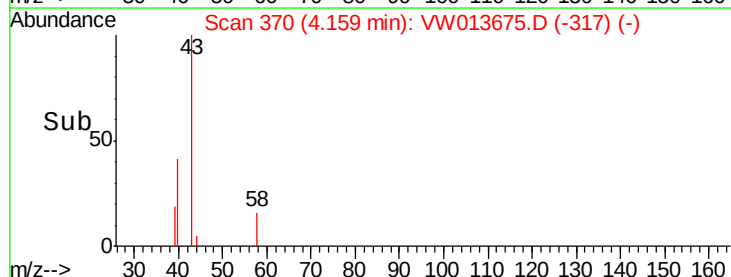
300

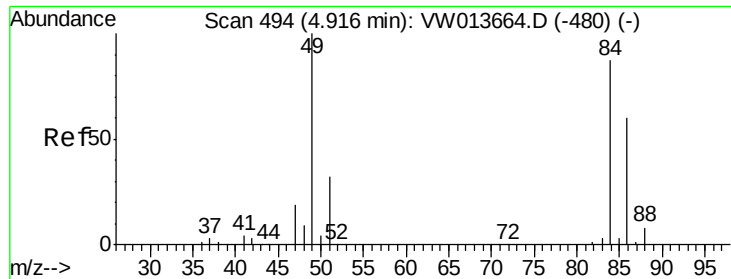
200

100

0

Time-->

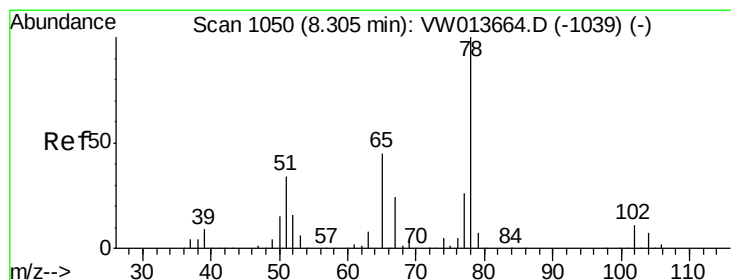
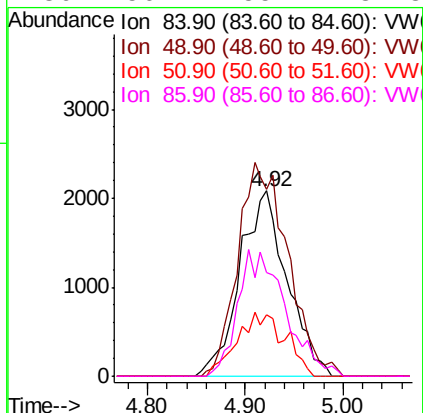
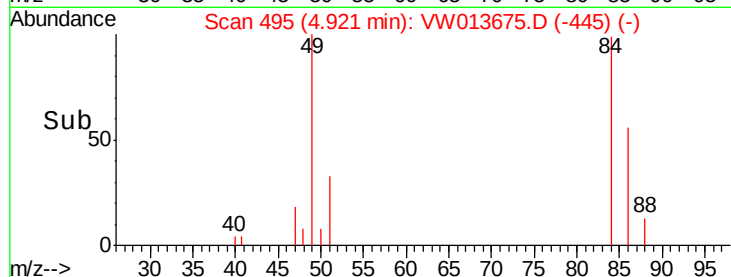
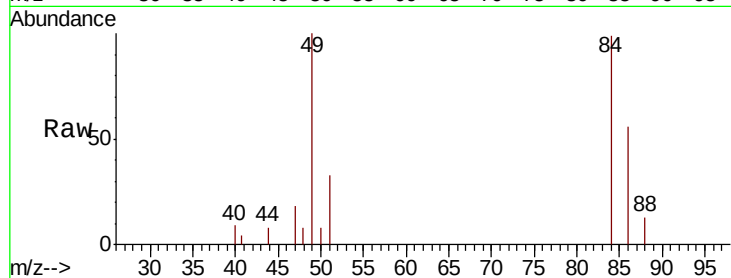




#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW013675.D
Acq: 23 Oct 2019 18:50

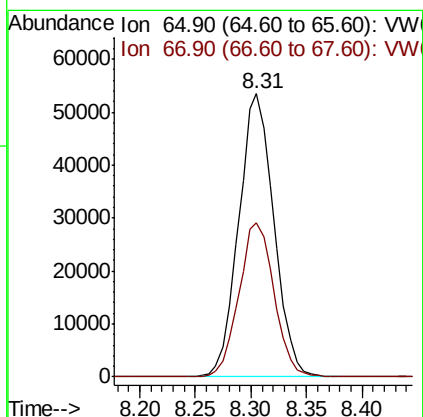
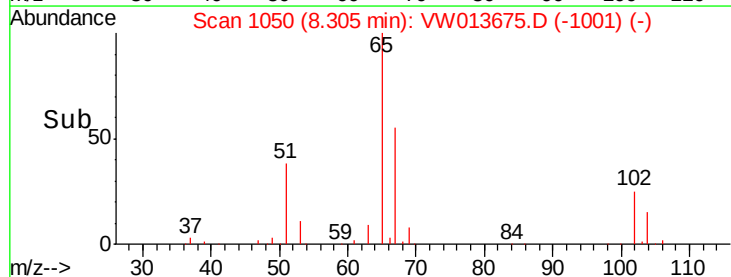
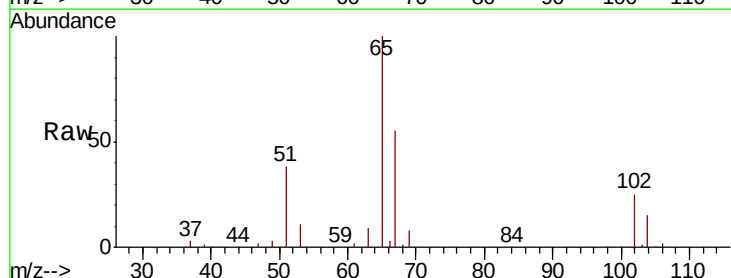
Instrument :
MSVOA_W
ClientSampleId :

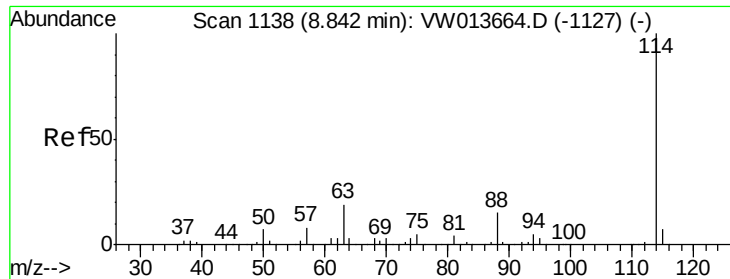
Tot Ion: 84 Resp: 7000
Ion Ratio Lower Upper
84 100
49 100.7 91.8 137.6
51 33.2 29.8 44.6
86 56.1 55.2 82.8



#33
1,2-Dichloroethane-d4
Concen: 54.452 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW013675.D
Acq: 23 Oct 2019 18:50

Tgt Ion: 65 Resp: 117402
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.4

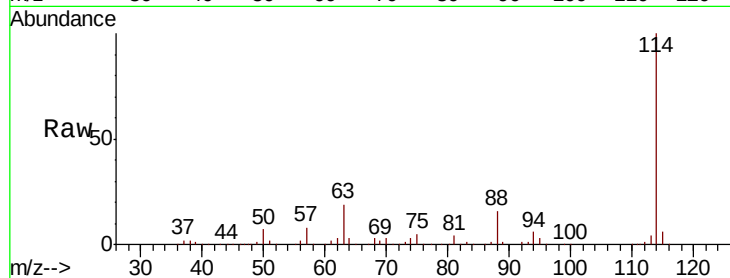




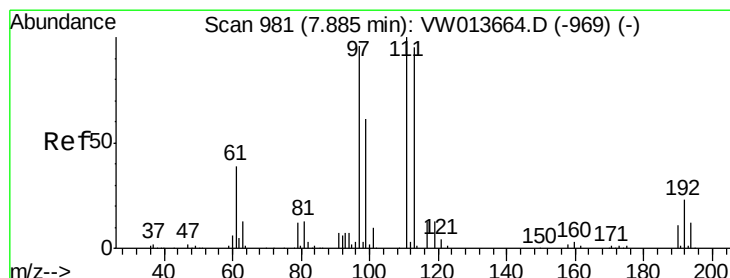
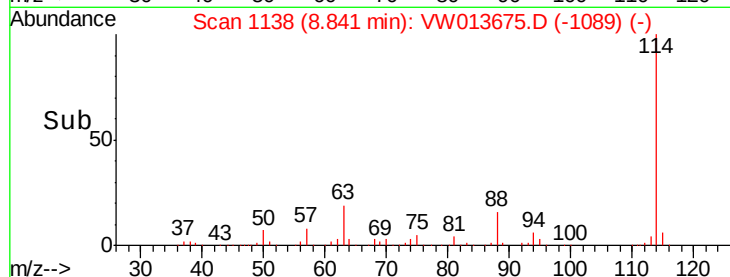
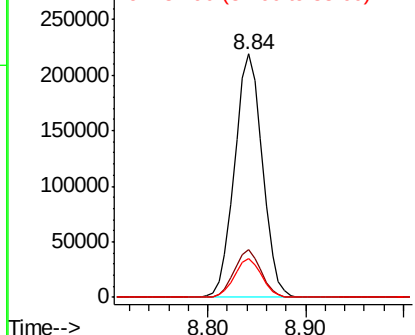
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013675.D
 Acq: 23 Oct 2019 18:50

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:114 Resp: 432537
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 37.6
 88 15.7 0.0 30.2

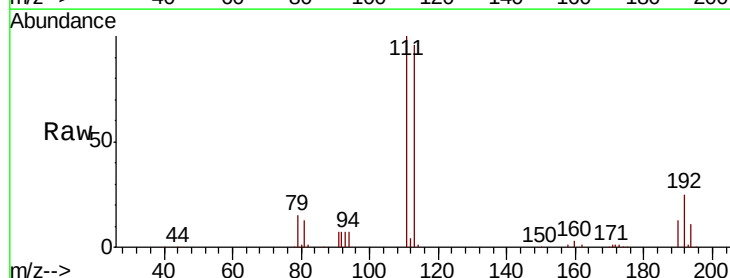


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

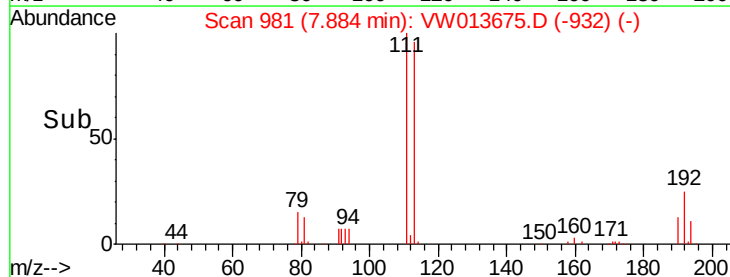
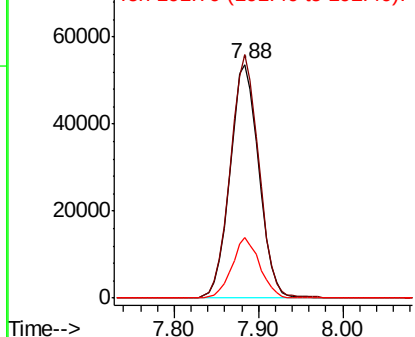


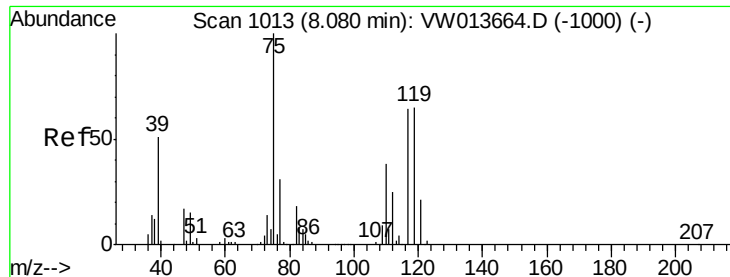
#35
 Dibromofluoromethane
 Concen: 51.692 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW013675.D
 Acq: 23 Oct 2019 18:50

Tgt Ion:113 Resp: 124237
 Ion Ratio Lower Upper
 113 100
 111 102.6 83.0 124.6
 192 24.9 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: 4.654 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW013675.D

Acq: 23 Oct 2019 18:50

Instrument :

MSVOA_W

ClientSampleId :

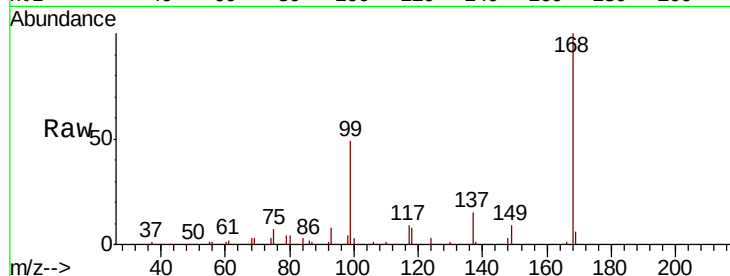
Tot Ion: 75 Resp: 18746

Ion Ratio Lower Upper

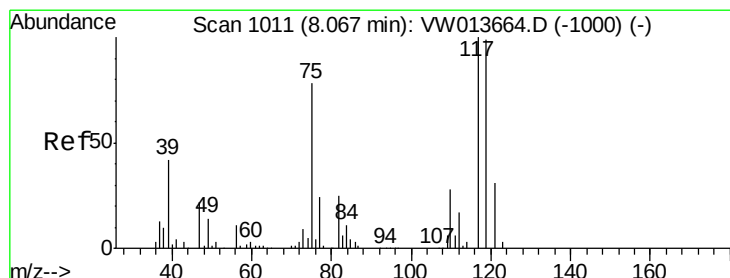
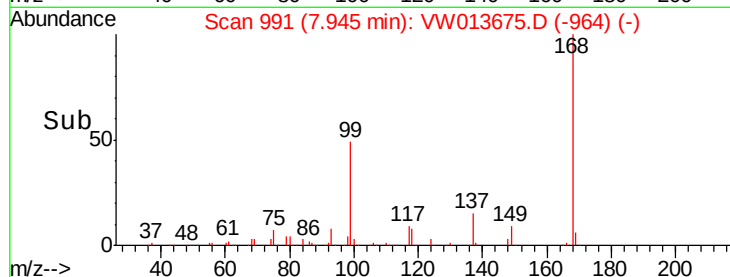
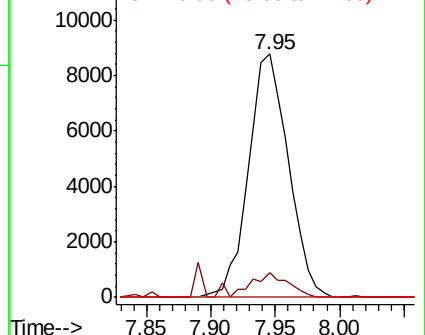
75 100

110 9.2 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: 6.865 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW013675.D

Acq: 23 Oct 2019 18:50

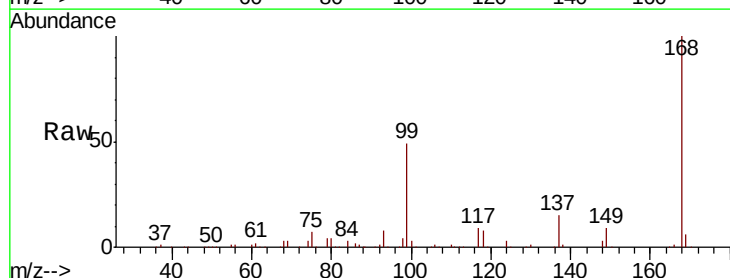
Tgt Ion: 117 Resp: 24902

Ion Ratio Lower Upper

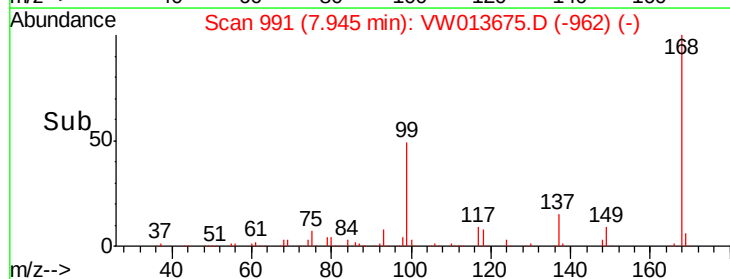
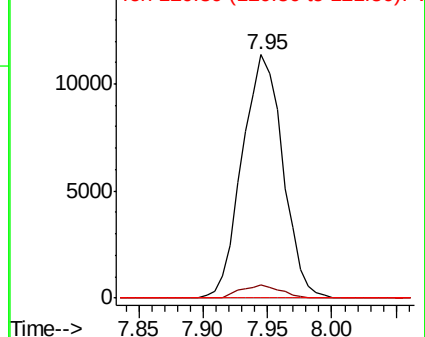
117 100

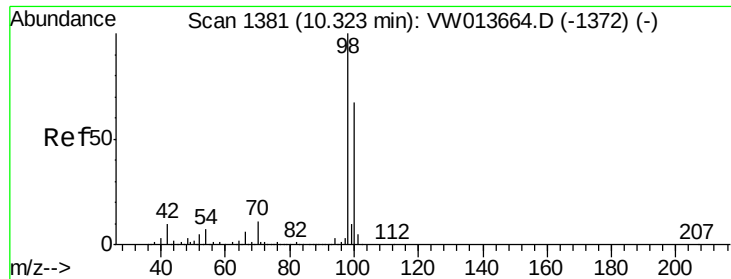
119 5.6 79.0 118.4#

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: 50.422 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013675.D

Acq: 23 Oct 2019 18:50

Instrument :

MSVOA_W

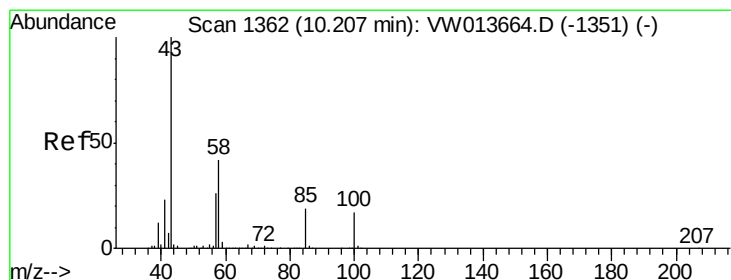
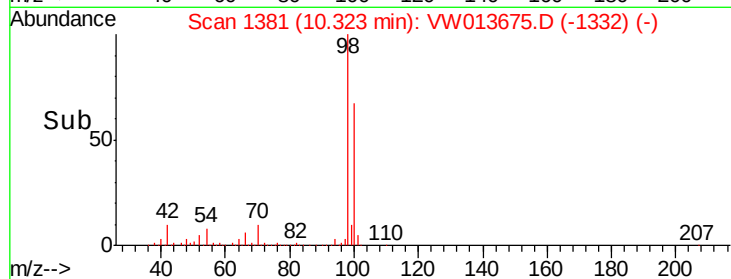
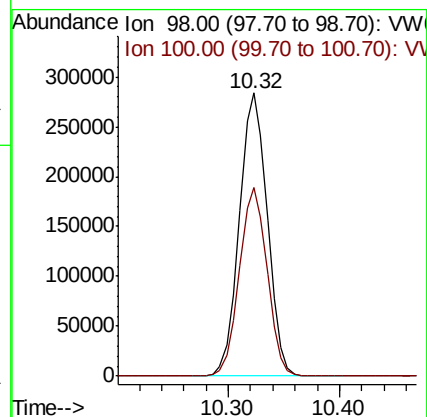
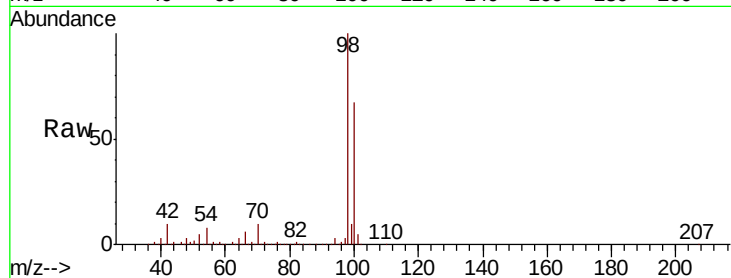
ClientSampleId :

Tot Ion: 98 Resp: 493797

Ion Ratio Lower Upper

98 100

100 65.8 53.4 80.0



#51

4-Methyl-2-Pentanone

Concen: 1.467 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.12 min

Lab File: VW013675.D

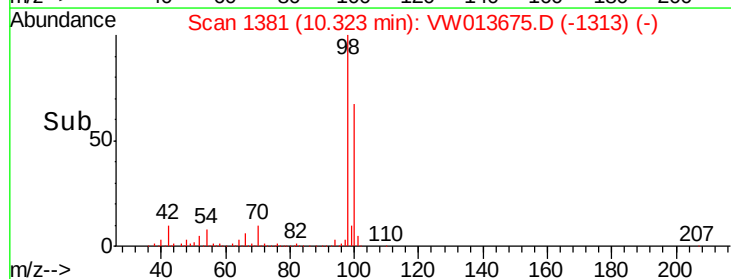
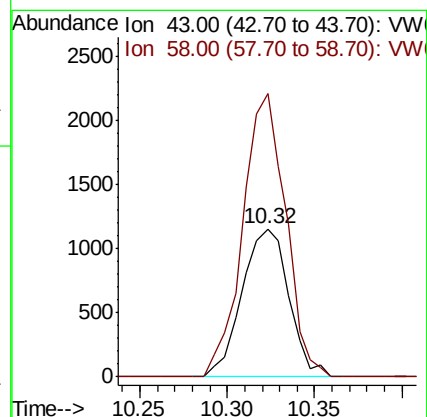
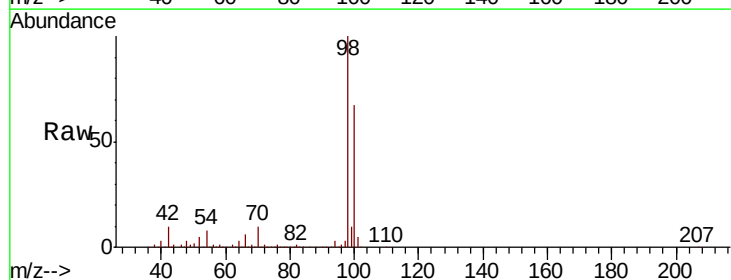
Acq: 23 Oct 2019 18:50

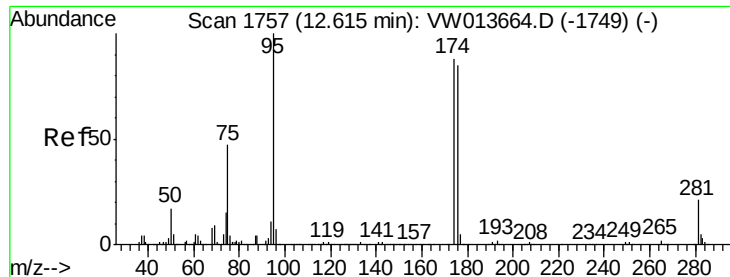
Tgt Ion: 43 Resp: 2151

Ion Ratio Lower Upper

43 100

58 175.0 32.6 49.0#

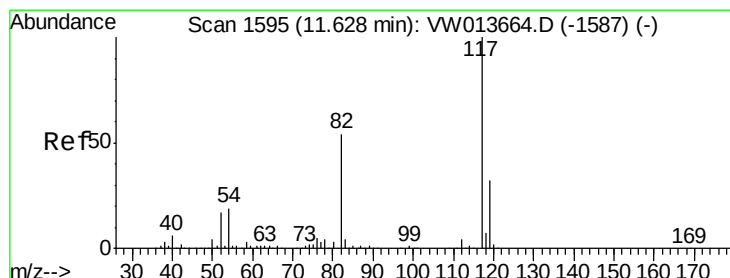
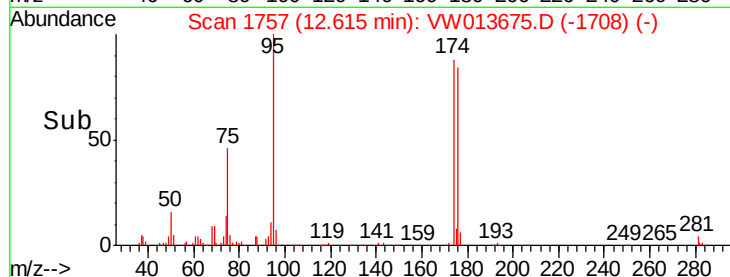
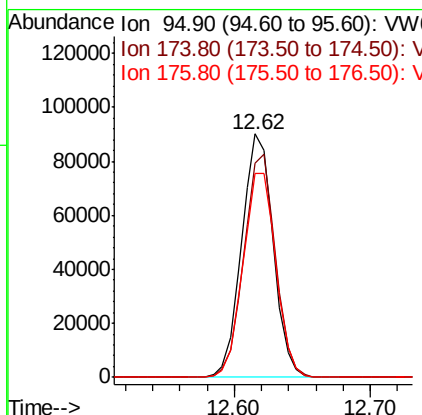
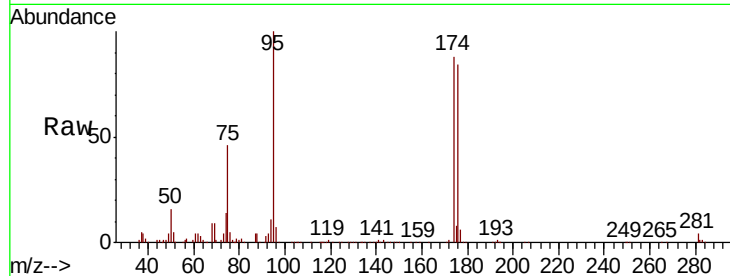




#62
4-Bromofluorobenzene
Concen: 43.990 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013675.D
Acq: 23 Oct 2019 18:50

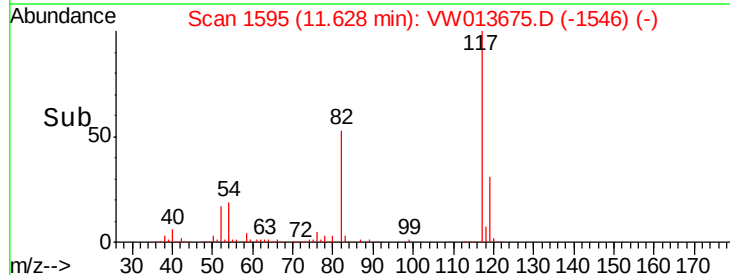
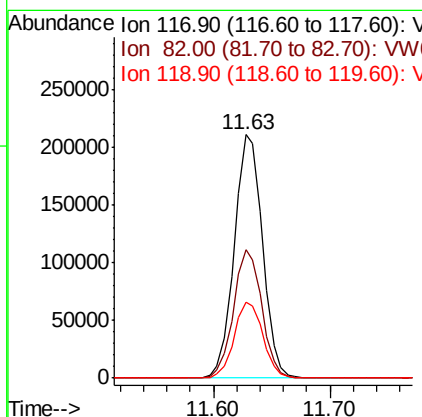
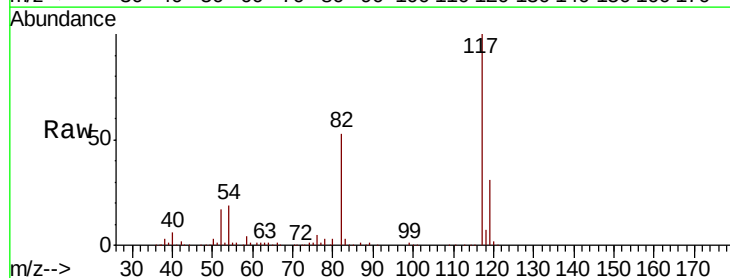
Instrument :
MSVOA_W
ClientSampleId :

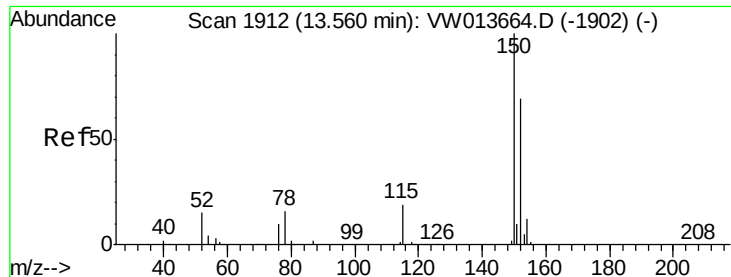
Tot Ion: 95 Resp: 145873
Ion Ratio Lower Upper
95 100
174 92.0 0.0 183.6
176 87.8 0.0 178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013675.D
Acq: 23 Oct 2019 18:50

Tgt Ion: 117 Resp: 355968
Ion Ratio Lower Upper
117 100
82 52.6 43.6 65.4
119 31.2 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: VW013675.D

Acq: 23 Oct 2019 18:50

Instrument :

MSVOA_W

ClientSampleId :

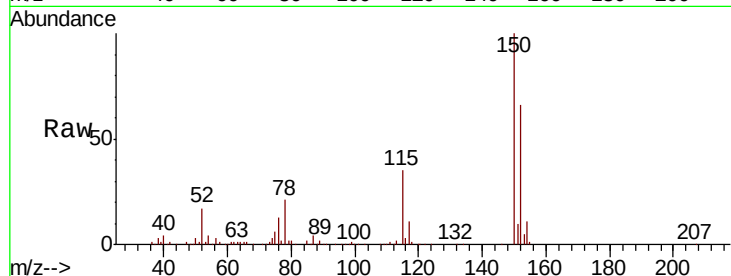
Tot Ion:152 Resp: 140225

Ion Ratio Lower Upper

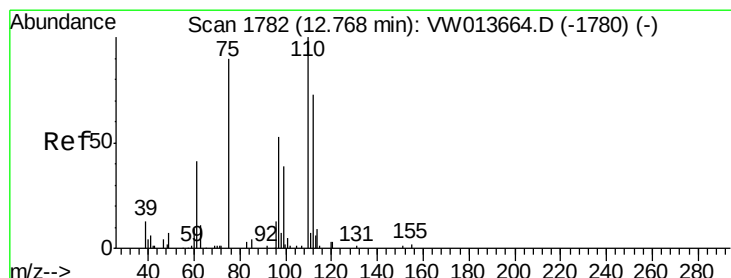
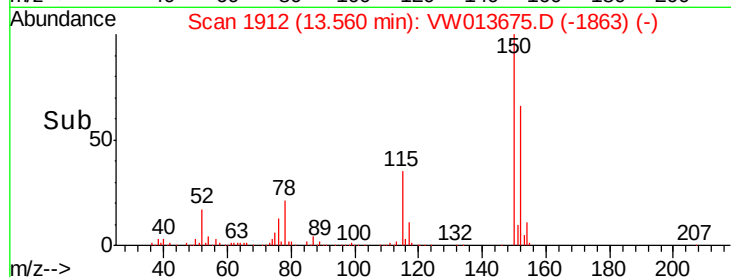
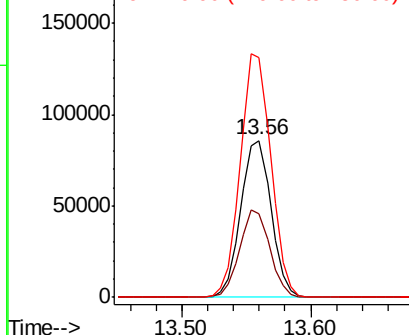
152 100

115 55.5 27.4 82.2

150 156.6 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: 67.344 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013675.D

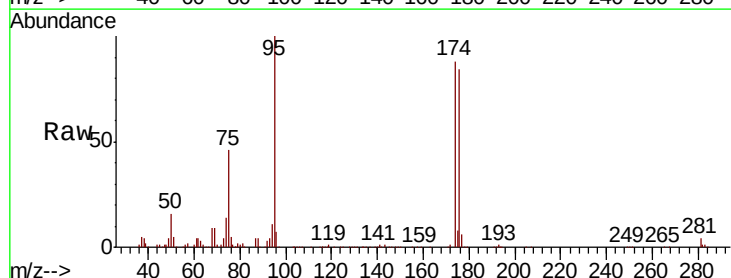
Acq: 23 Oct 2019 18:50

Tgt Ion: 75 Resp: 67816

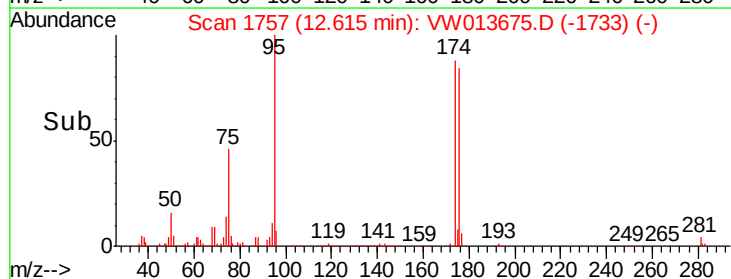
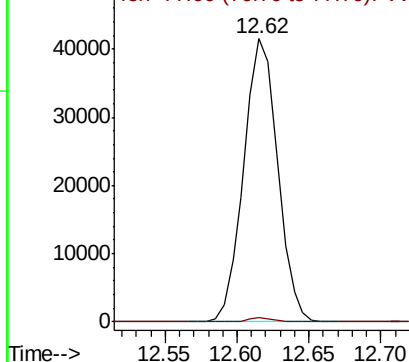
Ion Ratio Lower Upper

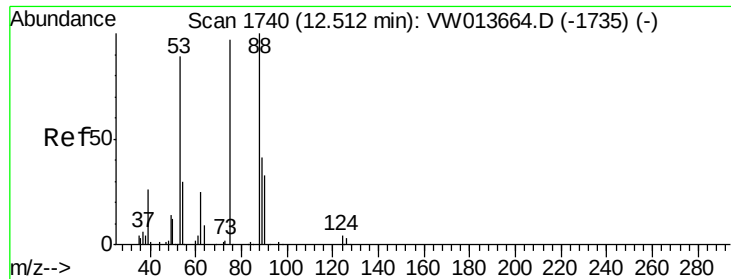
75 100

77 1.2 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: 127.270 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013675.D

Acq: 23 Oct 2019 18:50

Instrument :

MSVOA_W

ClientSampleId :

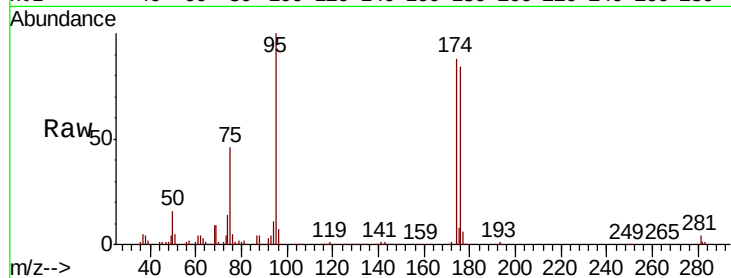
Tot Ion: 75 Resp: 67816

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

