

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092319\
 Data File : VW013229.D
 Acq On : 23 Sep 2019 14:20
 Operator : SY/VA
 Sample : K4997-08
 Misc : 5.07G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WC-11-091919

Quant Time: Sep 24 06:39:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

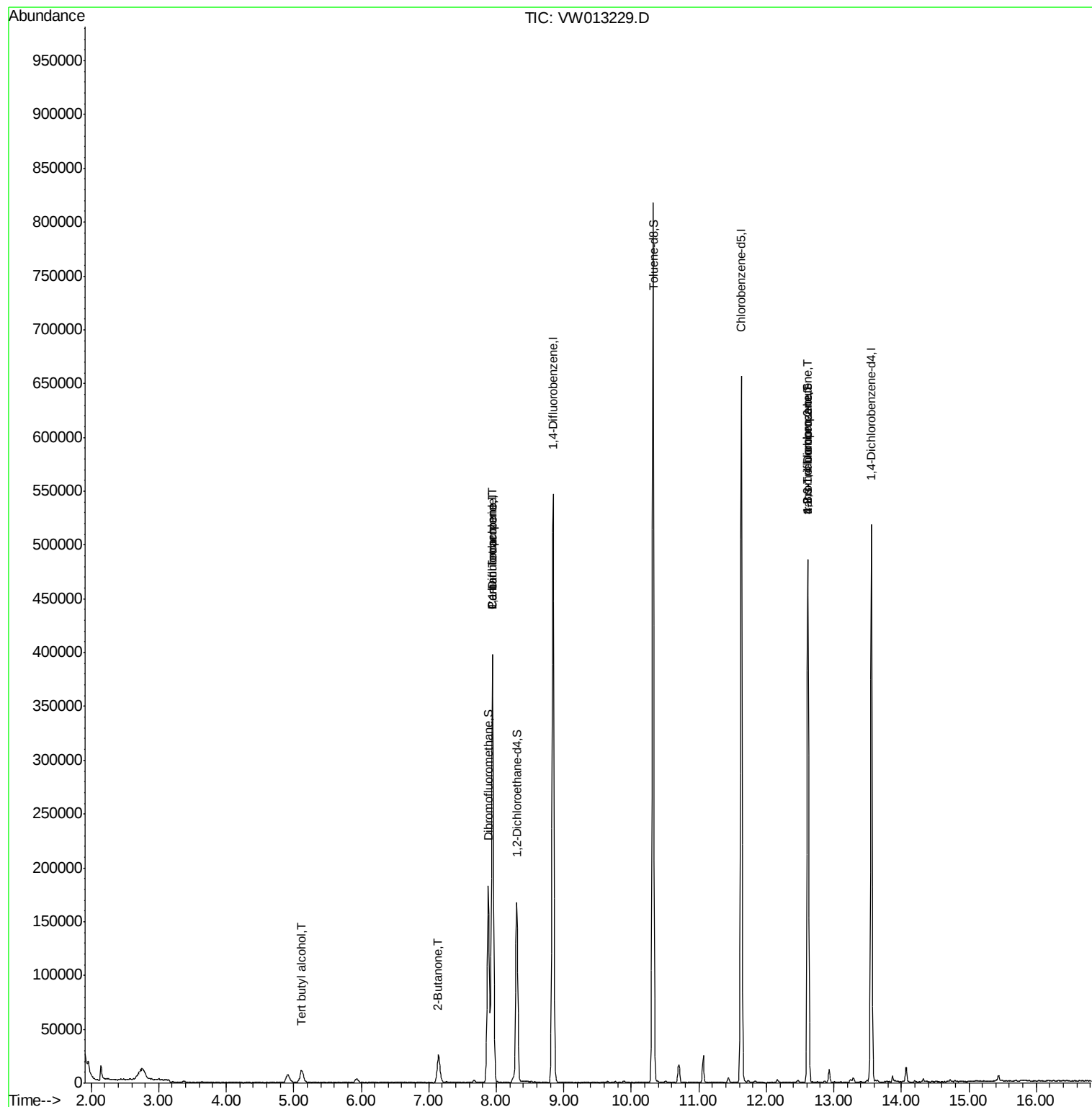
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	325934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	477907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	385171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	148278	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	128853	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
35) Dibromofluoromethane	7.88	113	133194	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
50) Toluene-d8	10.32	98	551833	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
62) 4-Bromofluorobenzene	12.62	95	156413	41.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.24%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.12	59	10562	46.946	ug/l #	74
20) Methylene Chloride	4.92	84	7154	Below Cal	#	78
25) 2-Butanone	7.14	43	1338	1.486	ug/l #	51
26) 2,2-Dichloropropane	7.15	77	1891	Below Cal	#	52
36) 1,1-Dichloropropene	7.95	75	21481	4.641	ug/l #	49
38) Carbon Tetrachloride	7.95	117	27270	6.572	ug/l #	19
76) 1,2,3-Trichloropropane	12.62	75	74427	56.837	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	74427	127.536	ug/l #	12

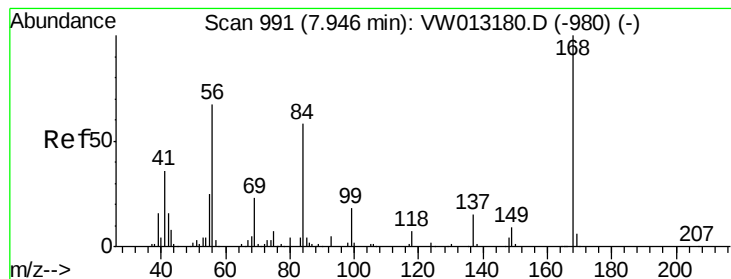
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW092319\
Data File : VW013229.D
Acq On : 23 Sep 2019 14:20
Operator : SY/VA
Sample : K4997-08
Misc : 5.07G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WC-11-091919

Quant Time: Sep 24 06:39:29 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 20 15:58:08 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: VW013229.D

Acq: 23 Sep 2019 14:20

Instrument :

MSVOA_W

ClientSampleId :

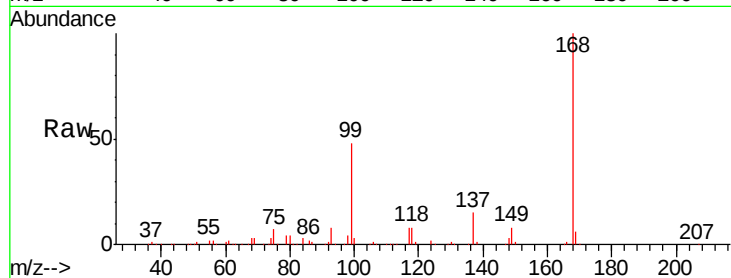
WC-11-091919

Tgt Ion: 168 Resp: 325934

Ion Ratio Lower Upper

168 100

99 48.5 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

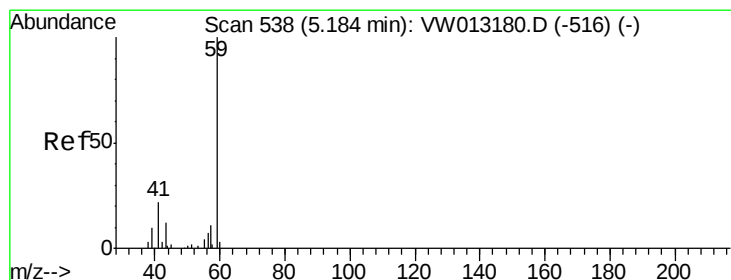
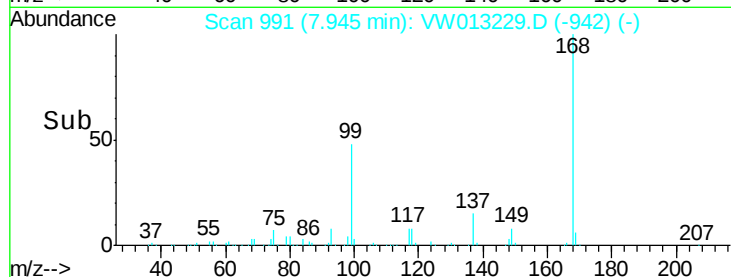
100000

50000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: 46.946 ug/l

RT: 5.12 min Scan# 528

Delta R.T. -0.06 min

Lab File: VW013229.D

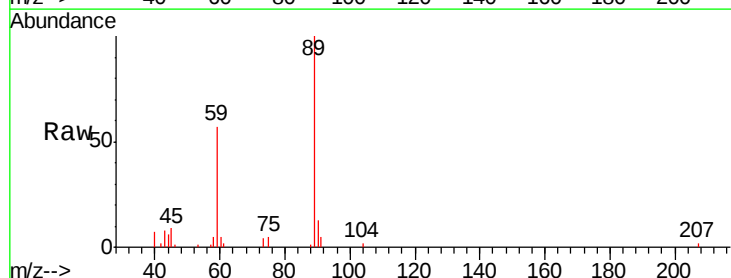
Acq: 23 Sep 2019 14:20

Tgt Ion: 59 Resp: 10562

Ion Ratio Lower Upper

59 100

57 0.5 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.12

3000

2500

2000

1500

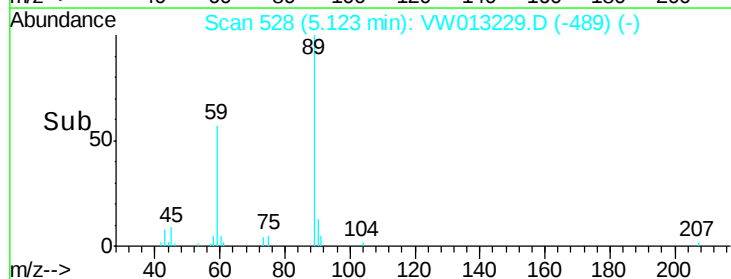
1000

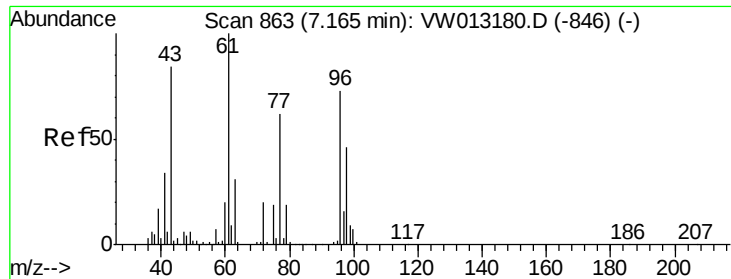
500

0

5.00 5.10 5.20

Time-->





#25

2-Butanone

Concen: 1.486 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW013229.D

Acq: 23 Sep 2019 14:20

Instrument :

MSVOA_W

ClientSampleId :

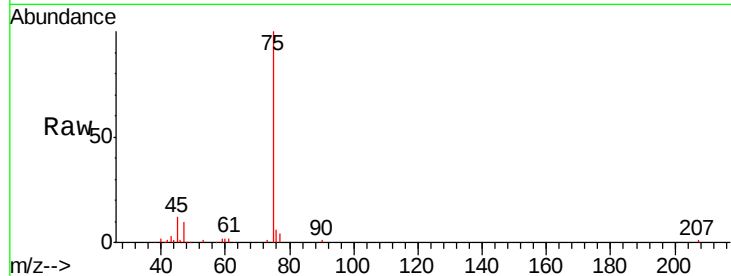
WC-11-091919

Tgt Ion: 43 Resp: 1338

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.14

400

300

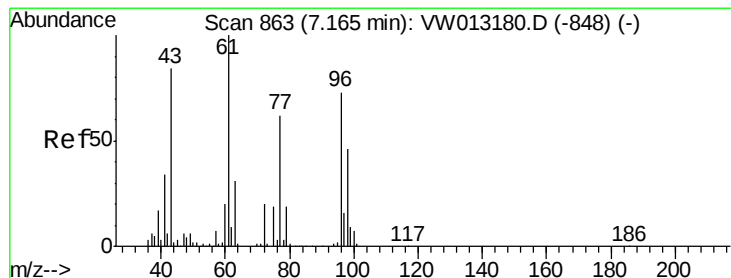
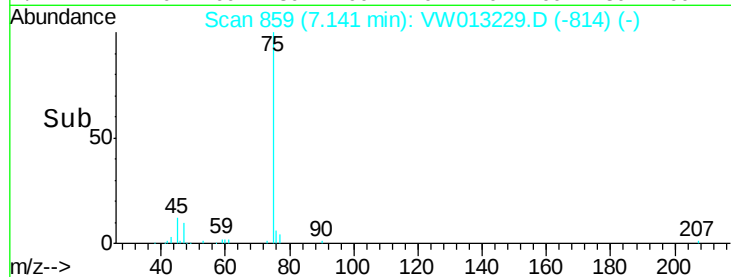
200

100

0

7.10 7.15 7.20

Time-->



#26

2,2-Dichloropropane

Concen: Below Cal

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW013229.D

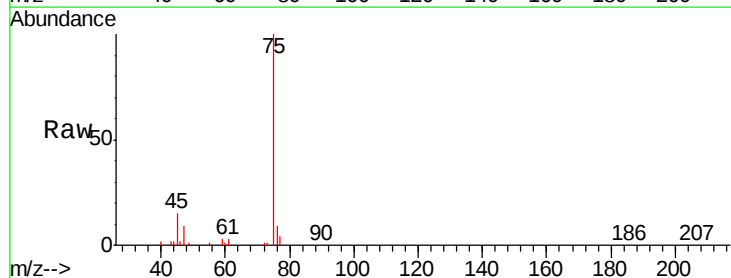
Acq: 23 Sep 2019 14:20

Tgt Ion: 77 Resp: 1891

Ion Ratio Lower Upper

77 100

97 0.0 11.8 35.4#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

7.15

800

600

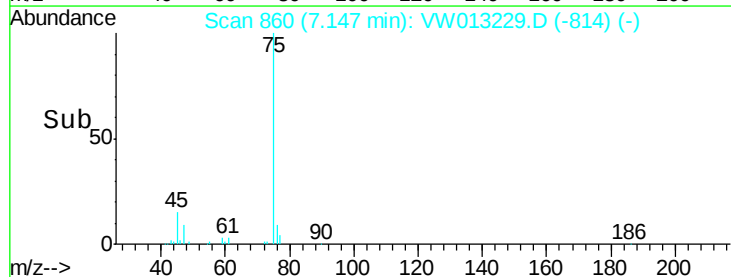
400

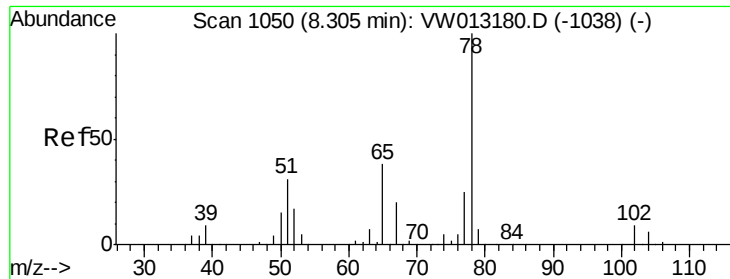
200

0

7.05 7.10 7.15 7.20

Time-->

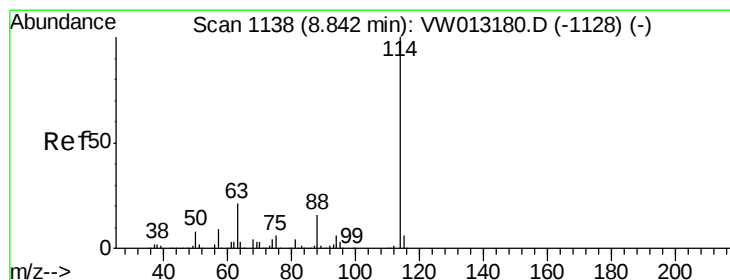
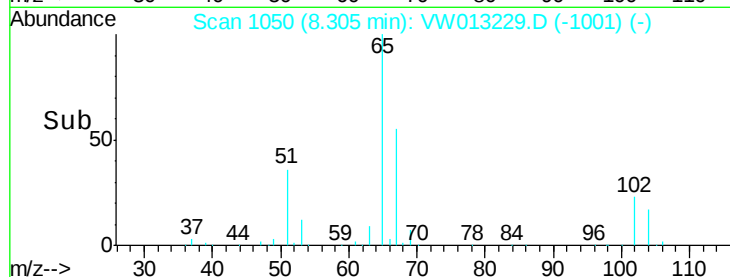
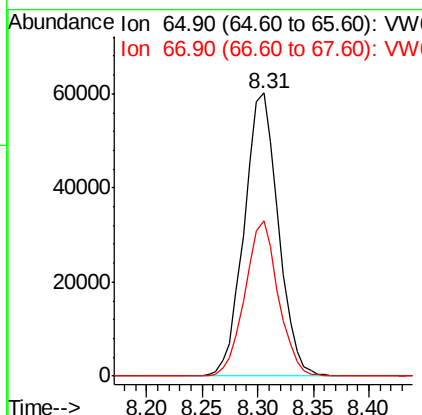
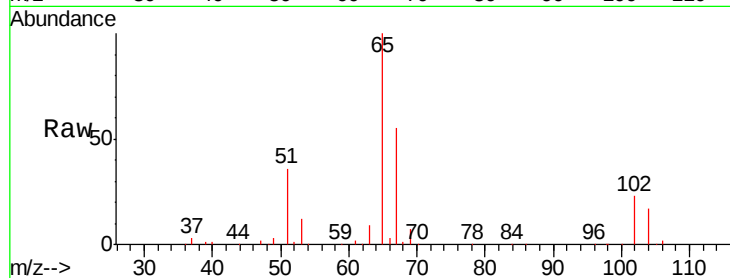




#33
 1,2-Dichloroethane-d4
 Concen: 48.439 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013229.D
 Acq: 23 Sep 2019 14:20

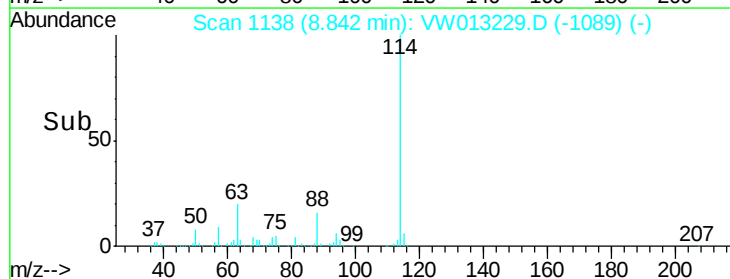
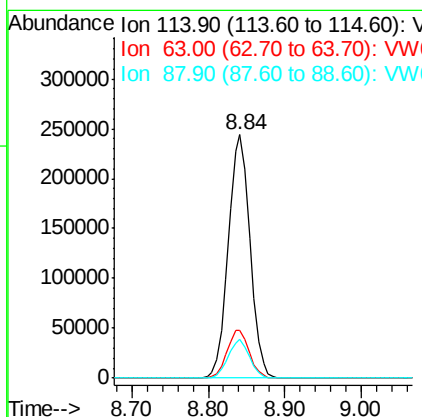
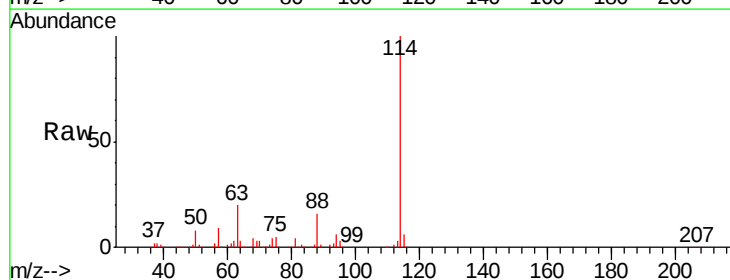
Instrument :
 MSVOA_W
 ClientSampleId :
 WC-11-091919

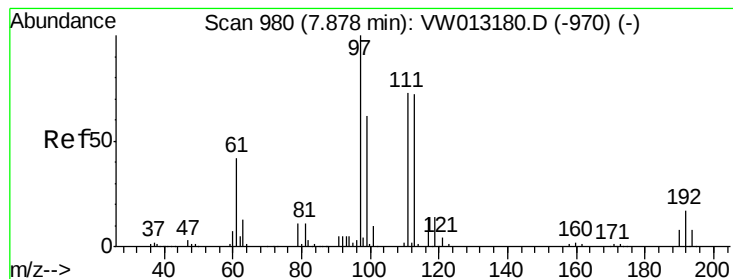
Tgt Ion: 65 Resp: 128853
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013229.D
 Acq: 23 Sep 2019 14:20

Tgt Ion: 114 Resp: 477907
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 41.4
 88 15.8 0.0 32.0





#35

Dibromofluoromethane

Concen: 50.673 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013229.D

Acq: 23 Sep 2019 14:20

Instrument :

MSVOA_W

ClientSampleId :

WC-11-091919

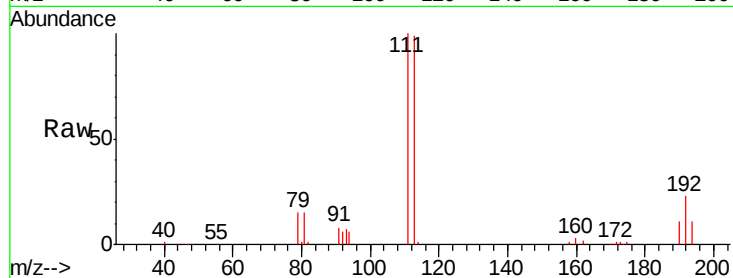
Tgt Ion:113 Resp: 133194

Ion Ratio Lower Upper

113 100

111 103.4 81.9 122.9

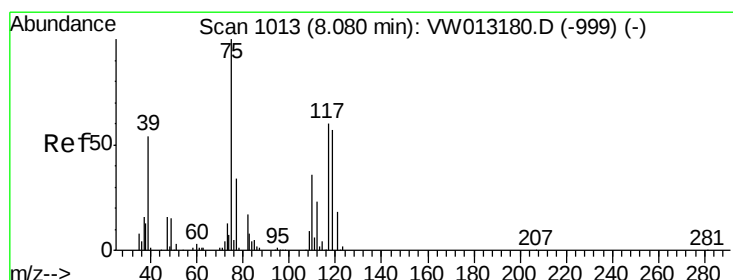
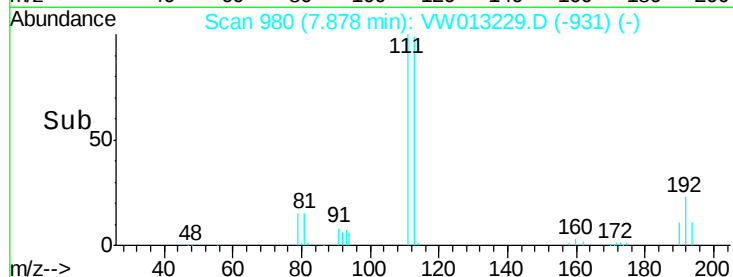
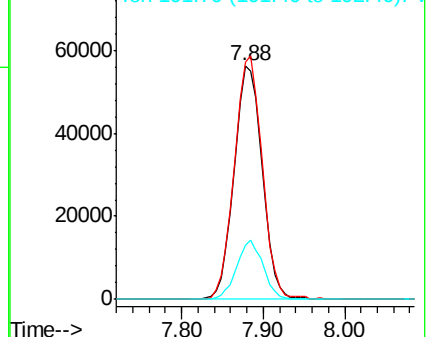
192 23.8 19.1 28.7



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: 4.641 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW013229.D

Acq: 23 Sep 2019 14:20

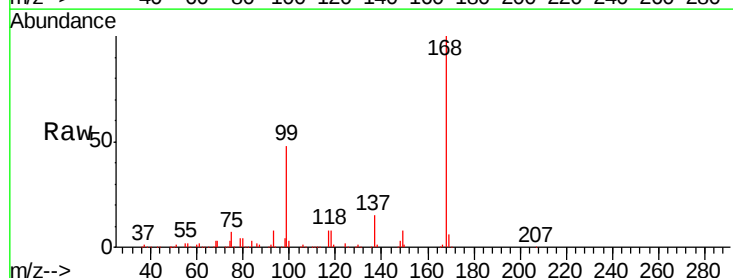
Tgt Ion: 75 Resp: 21481

Ion Ratio Lower Upper

75 100

110 9.4 18.1 54.3#

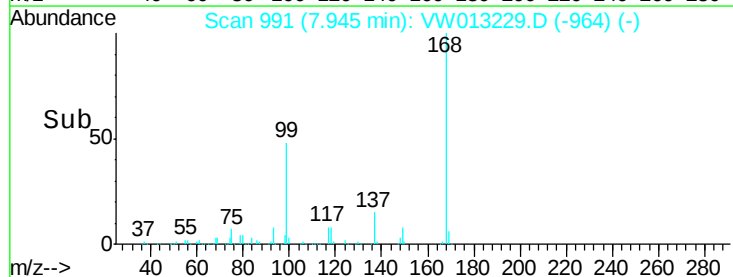
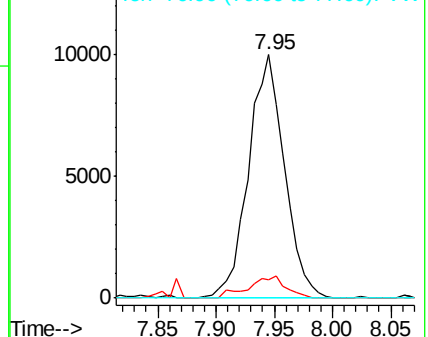
77 0.0 25.8 38.6#

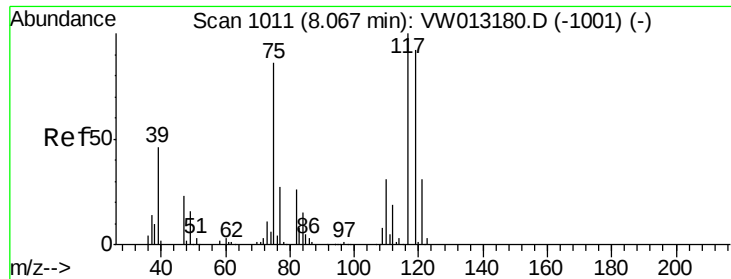


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

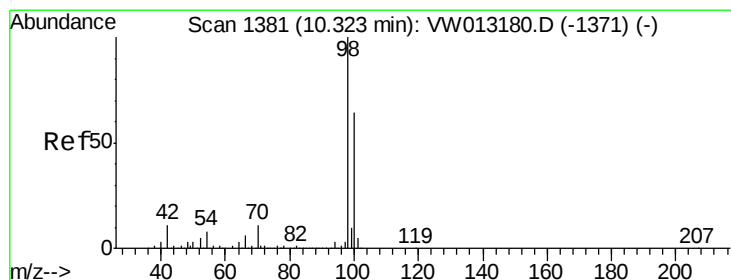
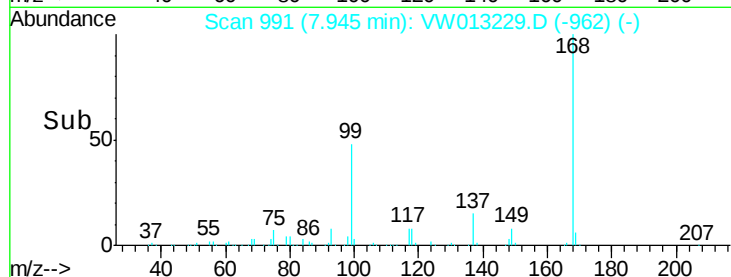
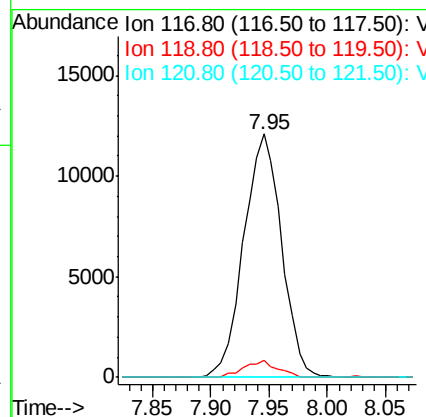
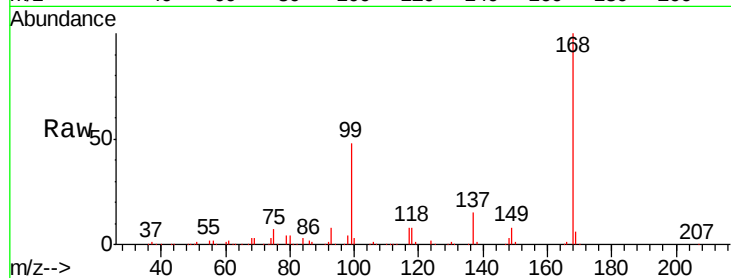




#38
Carbon Tetrachloride
Concen: 6.572 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW013229.D
Acq: 23 Sep 2019 14:20

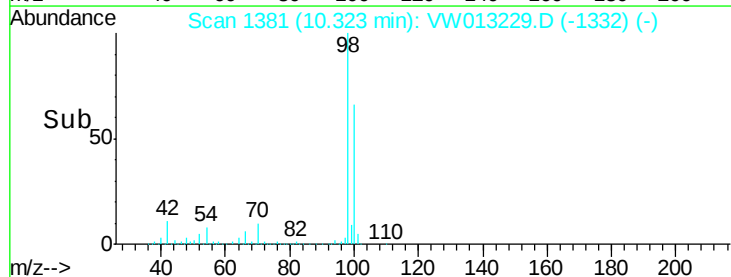
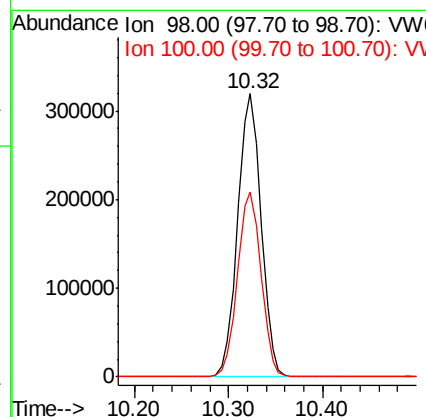
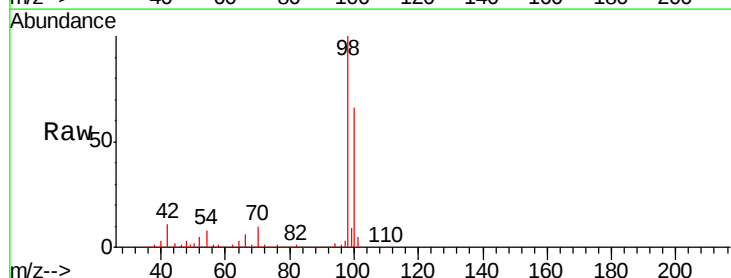
Instrument :
MSVOA_W
ClientSampleId :
WC-11-091919

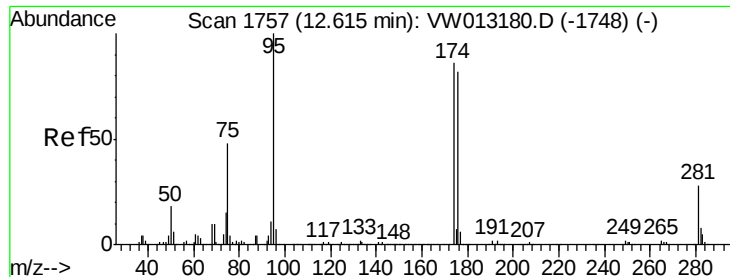
Tgt Ion:117 Resp: 27270
Ion Ratio Lower Upper
117 100
119 6.8 73.5 110.3#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 50.164 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013229.D
Acq: 23 Sep 2019 14:20

Tgt Ion: 98 Resp: 551833
Ion Ratio Lower Upper
98 100
100 65.9 52.9 79.3





#62

4-Bromofluorobenzene

Concen: 41.625 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013229.D

Acq: 23 Sep 2019 14:20

Instrument :

MSVOA_W

ClientSampleId :

WC-11-091919

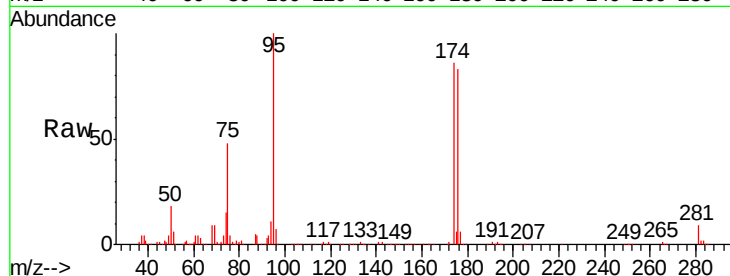
Tgt Ion: 95 Resp: 156413

Ion Ratio Lower Upper

95 100

174 88.4 0.0 178.4

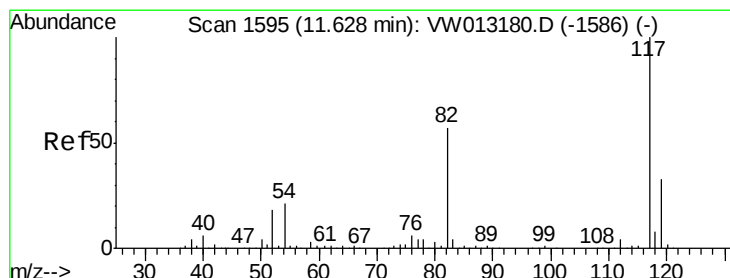
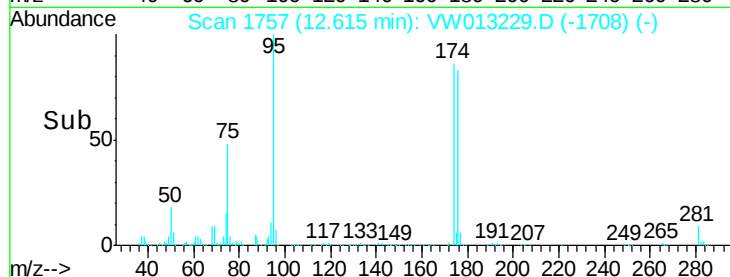
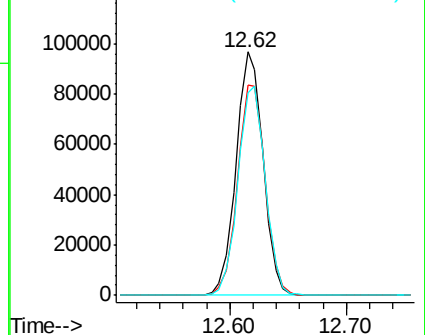
176 86.8 0.0 172.2



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: VW013229.D

Acq: 23 Sep 2019 14:20

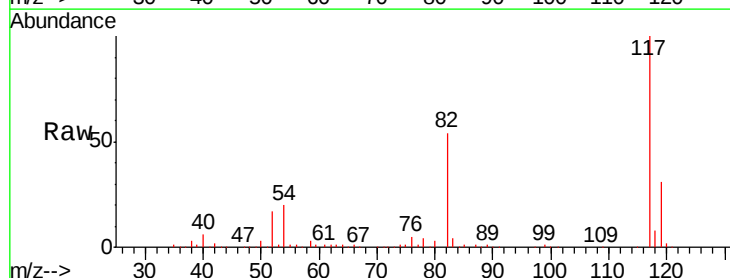
Tgt Ion: 117 Resp: 385171

Ion Ratio Lower Upper

117 100

82 54.4 45.9 68.9

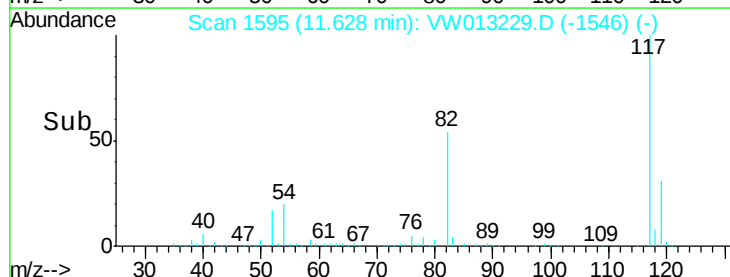
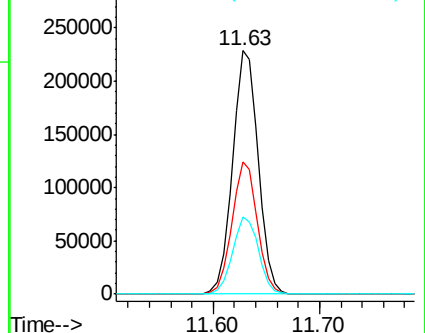
119 31.5 26.2 39.2

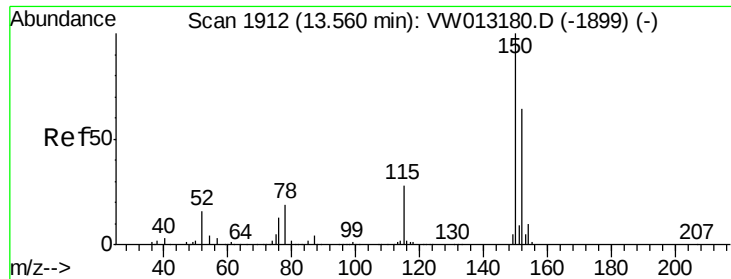


Abundance Ion 116.90 (116.60 to 117.60): VW

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: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW013229.D

Acq: 23 Sep 2019 14:20

Instrument :

MSVOA_W

ClientSampleId :

WC-11-091919

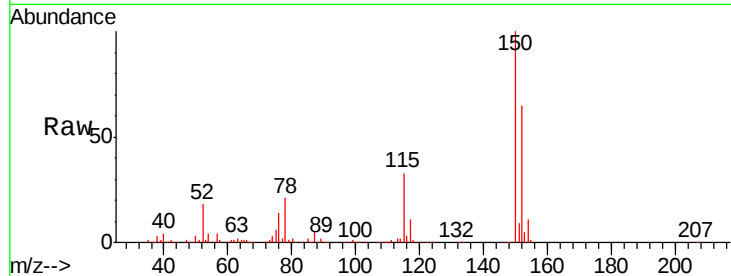
Tgt Ion:152 Resp: 148278

Ion Ratio Lower Upper

152 100

115 54.6 27.3 81.9

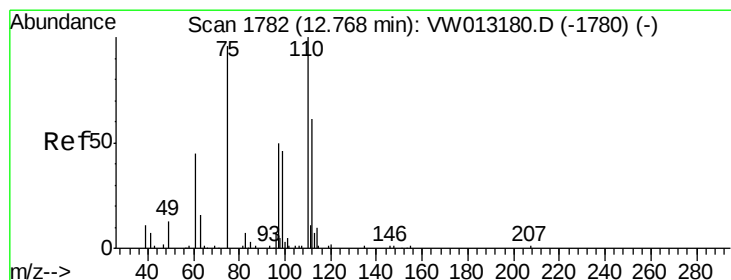
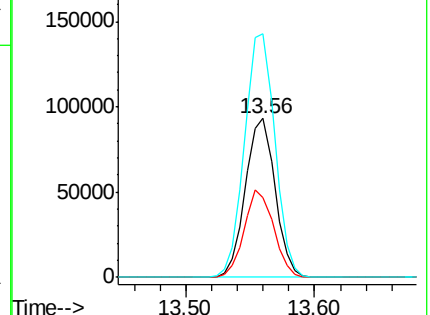
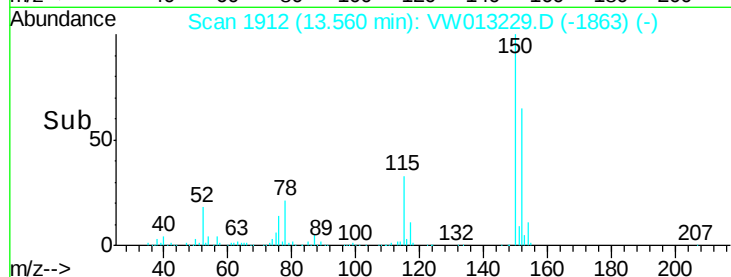
150 157.4 0.0 349.0



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: 56.837 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013229.D

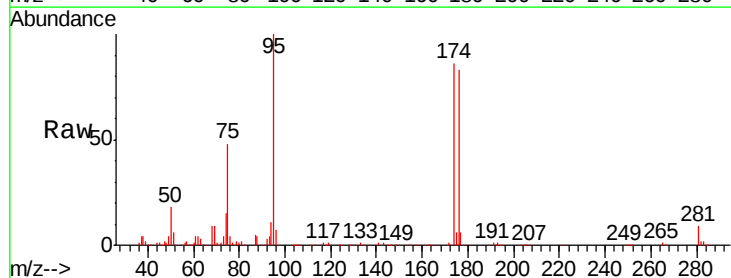
Acq: 23 Sep 2019 14:20

Tgt Ion: 75 Resp: 74427

Ion Ratio Lower Upper

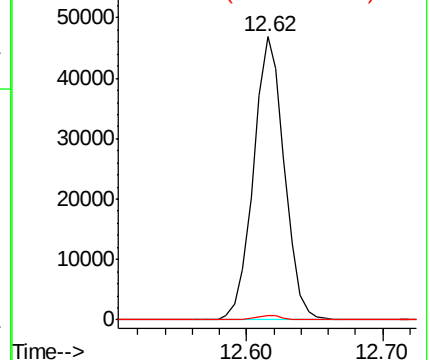
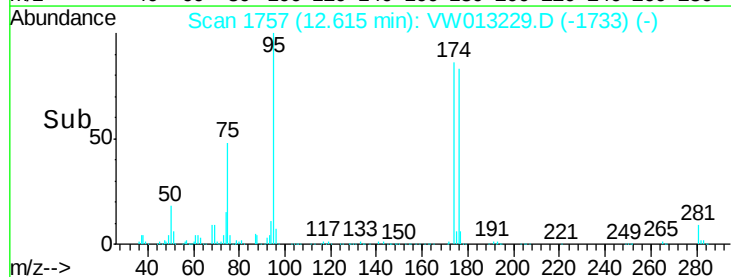
75 100

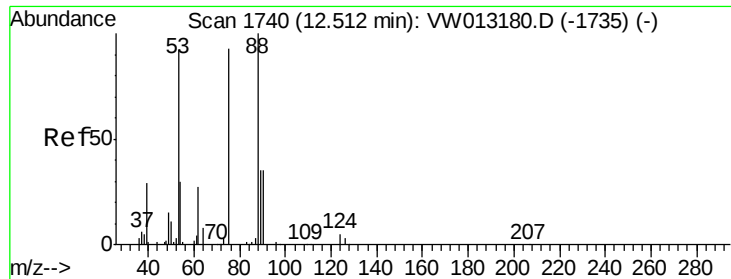
77 1.4 0.0 0.0#



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: 127.536 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013229.D

Acq: 23 Sep 2019 14:20

Instrument :

MSVOA_W

ClientSampleId :

WC-11-091919

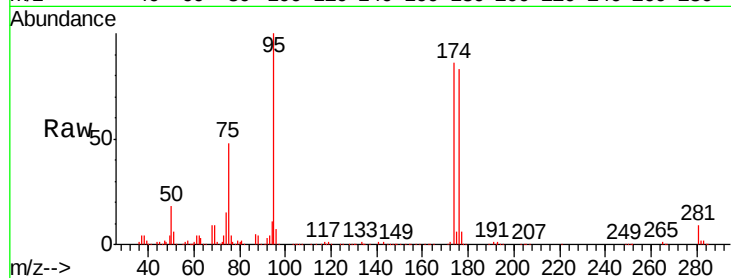
Tgt Ion: 75 Resp: 74427

Ion Ratio Lower Upper

75 100

53 0.0 76.6 114.8#

89 0.0 33.5 50.3#



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

