

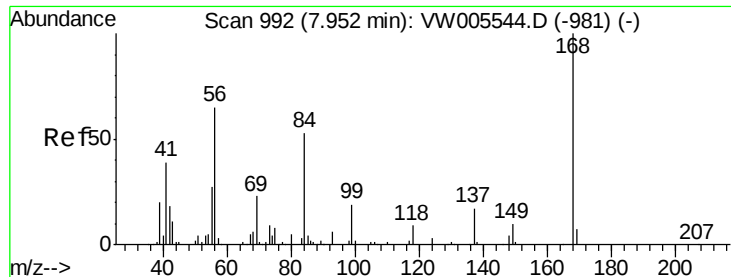
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092718\
 Data File : VW005696.D
 Acq On : 27 Sep 2018 13:34
 Operator : VA/AP
 Sample : J5077-06RE
 Misc : 5.29G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PARCEL-193-092418-2

Quant Time: Sep 28 01:21:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	207041	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	323651	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	282188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	114303	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	133562	54.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.52%	
35) Dibromofluoromethane	7.89	113	109500	53.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.60%	
50) Toluene-d8	10.33	98	413454	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.78%	
62) 4-Bromofluorobenzene	12.63	95	125413	40.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.80%	
Target Compounds						
8) Diethyl Ether	3.68	74	1630	1.604	ug/l	79
16) Acetone	4.13	43	1136	Below Cal	#	48
20) Methylene Chloride	4.92	84	3896	Below Cal		89
31) Cyclohexane	7.95	56	4485	1.186	ug/l #	5
36) 1,1-Dichloropropene	7.95	75	15673	4.811	ug/l #	51
38) Carbon Tetrachloride	7.95	117	20213	5.790	ug/l #	16
51) 4-Methyl-2-Pentanone	10.33	43	1875	1.381	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	64092	65.779	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	64092	148.154	ug/l #	7

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW005696.D

Acq: 27 Sep 2018 13:34

Instrument :

MSVOA_W

ClientSampleId :

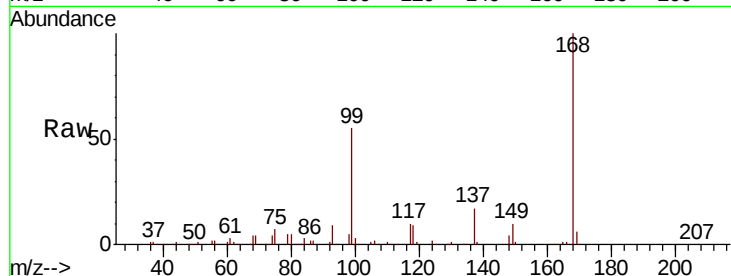
PARCEL-193-092418-2

Tgt Ion:168 Resp: 207041

Ion Ratio Lower Upper

168 100

99 55.2 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

100000

80000

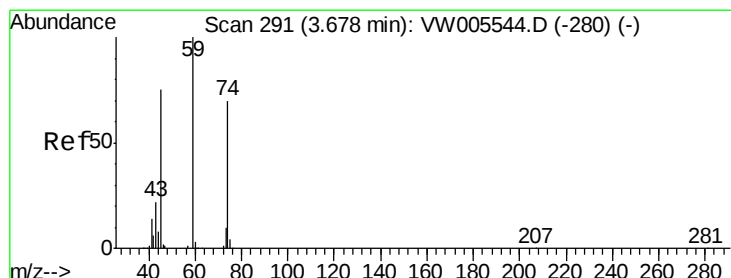
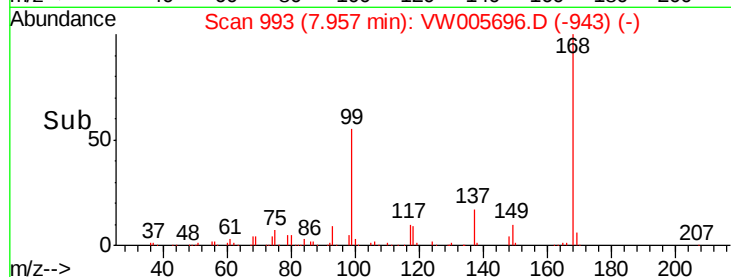
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 1.604 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW005696.D

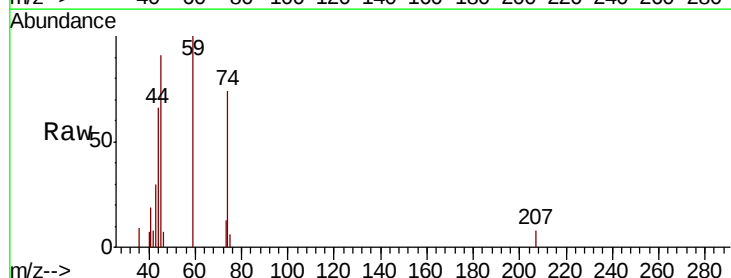
Acq: 27 Sep 2018 13:34

Tgt Ion: 74 Resp: 1630

Ion Ratio Lower Upper

74 100

45 125.4 51.7 155.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

1000

800

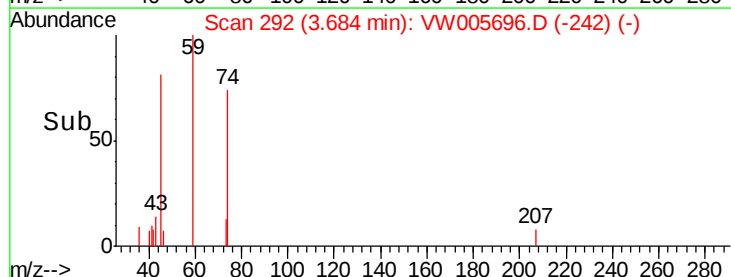
600

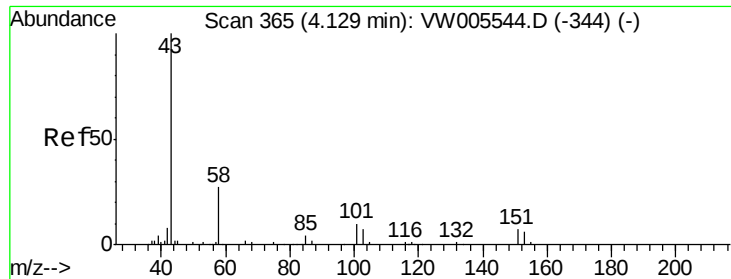
400

200

0

Time-->

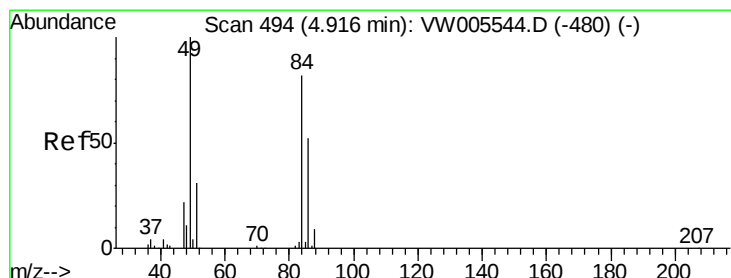
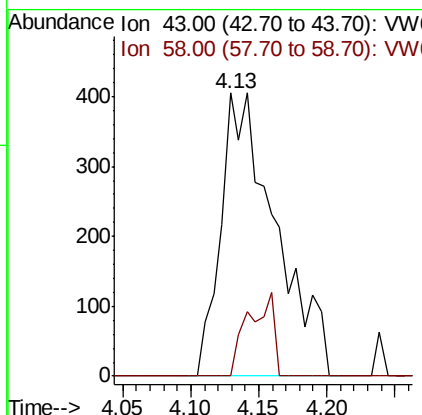
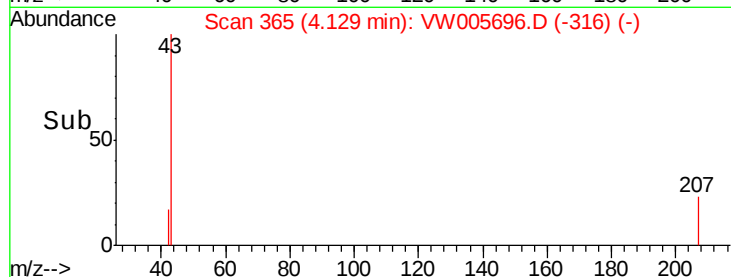
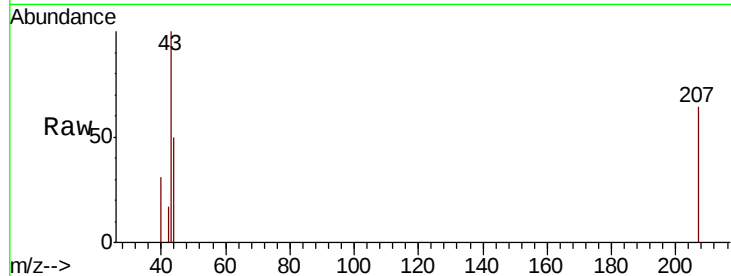




#16
Acetone
Concen: Below Cal
RT: 4.13 min Scan# 365
Delta R.T. -0.00 min
Lab File: VW005696.D
Acq: 27 Sep 2018 13:34

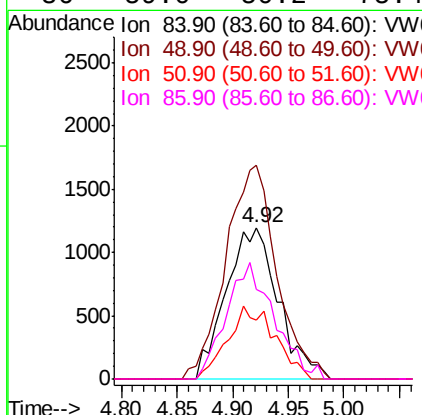
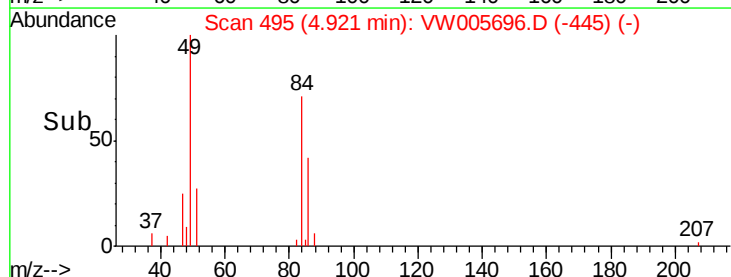
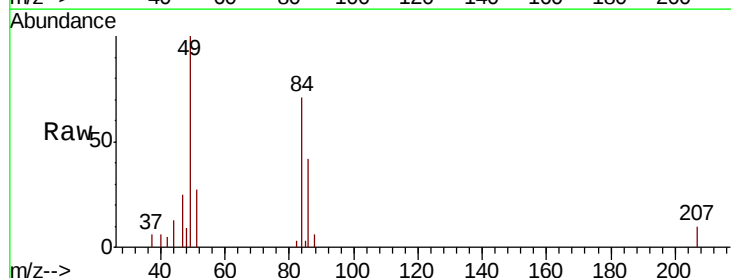
Instrument :
MSVOA_W
ClientSampleId :
PARCEL-193-092418-2

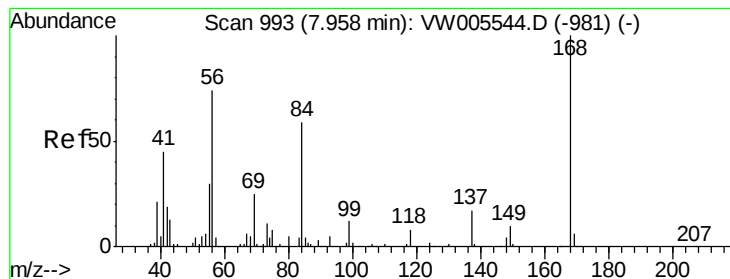
Tgt Ion: 43 Resp: 1136
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW005696.D
Acq: 27 Sep 2018 13:34

Tgt Ion: 84 Resp: 3896
Ion Ratio Lower Upper
84 100
49 141.2 97.0 145.6
51 38.8 30.2 45.2
86 59.0 50.2 75.4





#31

Cyclohexane

Concen: 1.186 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005696.D

Acq: 27 Sep 2018 13:34

Instrument :

MSVOA_W

ClientSampleId :

PARCEL-193-092418-2

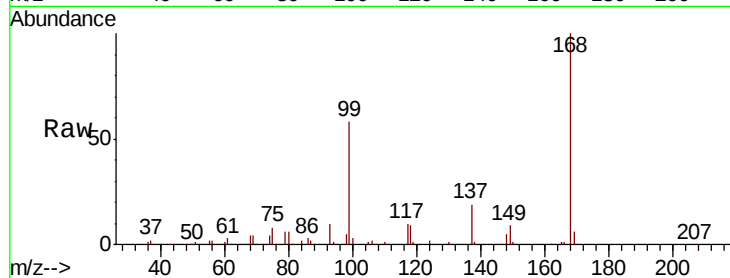
Tgt Ion: 56 Resp: 4485

Ion Ratio Lower Upper

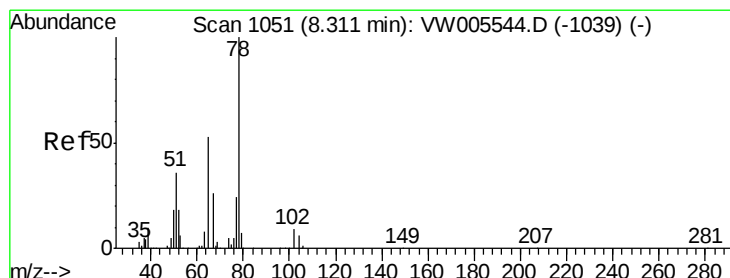
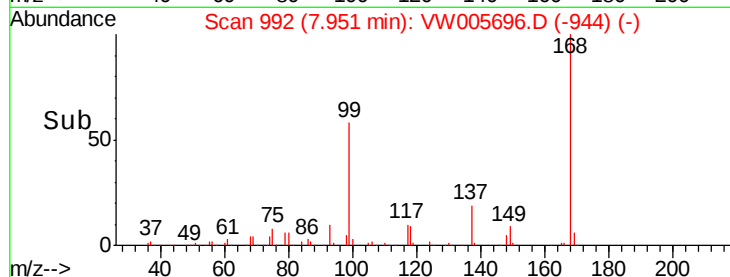
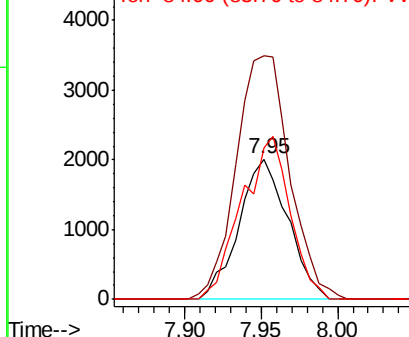
56 100

69 174.0 27.0 40.4#

84 108.0 64.2 96.4#



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: 54.759 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005696.D

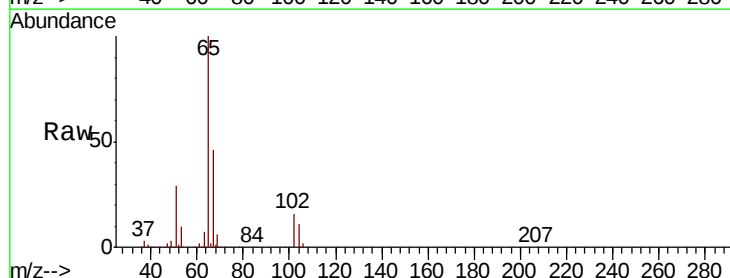
Acq: 27 Sep 2018 13:34

Tgt Ion: 65 Resp: 133562

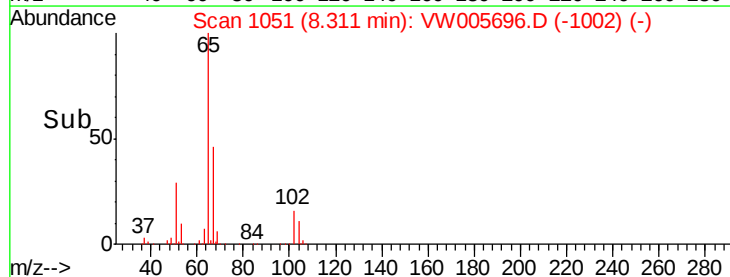
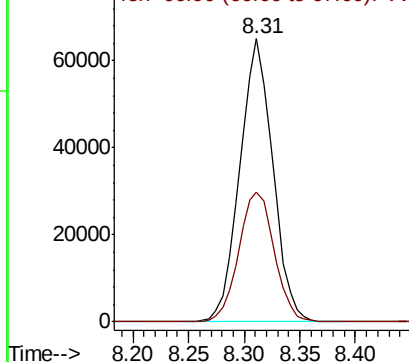
Ion Ratio Lower Upper

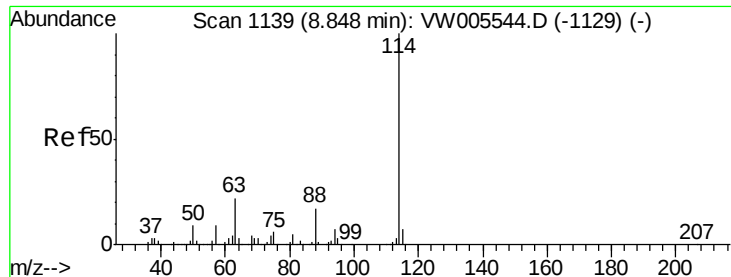
65 100

67 49.6 0.0 100.6



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

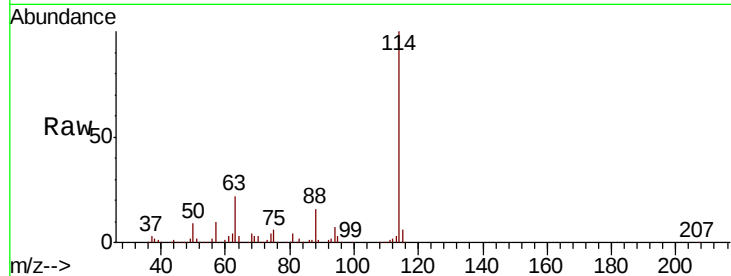




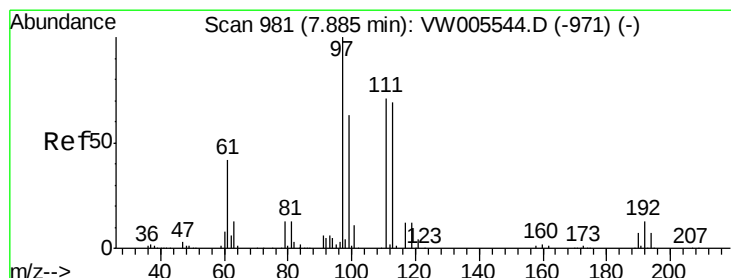
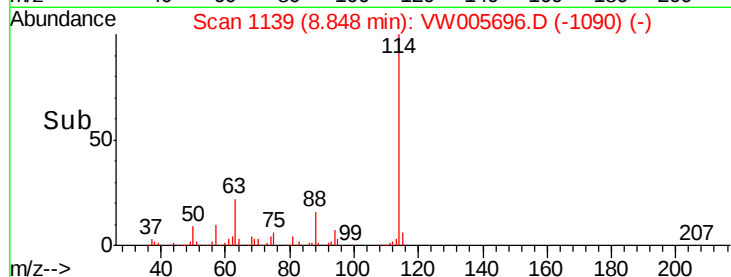
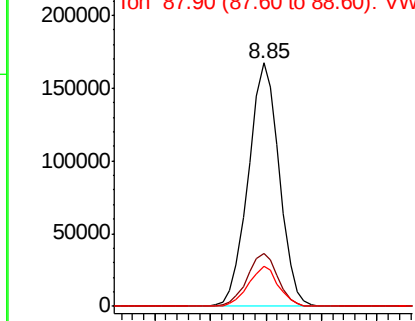
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005696.D
 Acq: 27 Sep 2018 13:34

Instrument :
 MSVOA_W
 ClientSampleId :
 PARCEL-193-092418-2

Tgt Ion:	114	Resp:	323651
Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	43.0
88	16.3	0.0	33.0

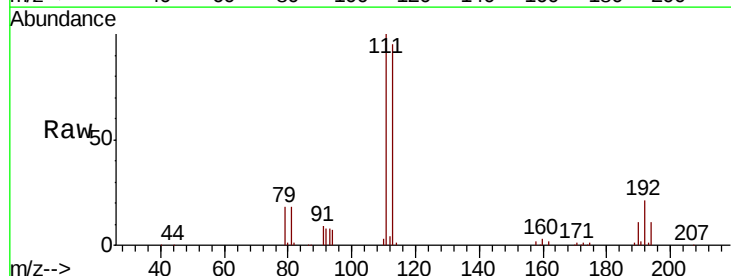


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

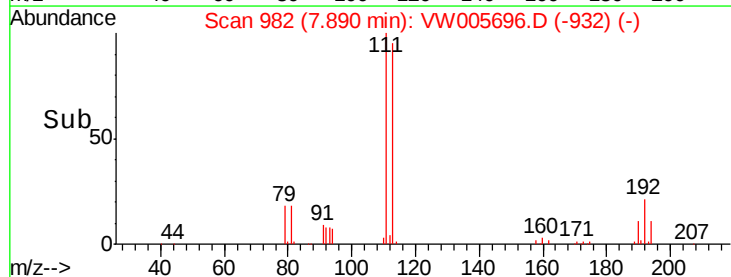
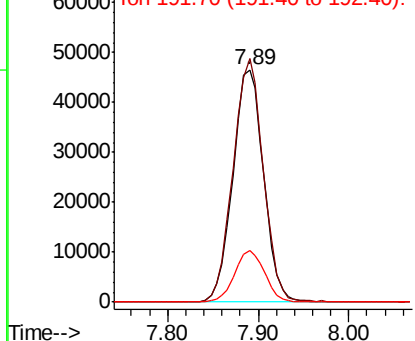


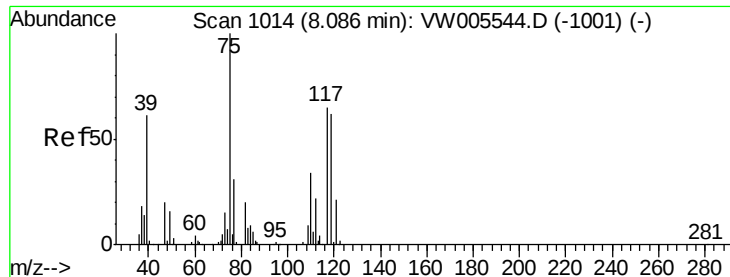
#35
 Dibromofluoromethane
 Concen: 53.800 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005696.D
 Acq: 27 Sep 2018 13:34

Tgt Ion:	113	Resp:	109500
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	123.8
192	21.8	17.0	25.4



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

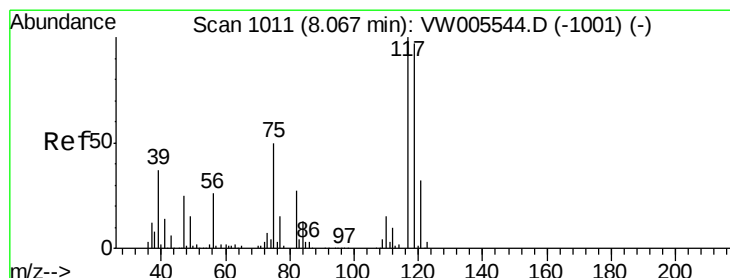
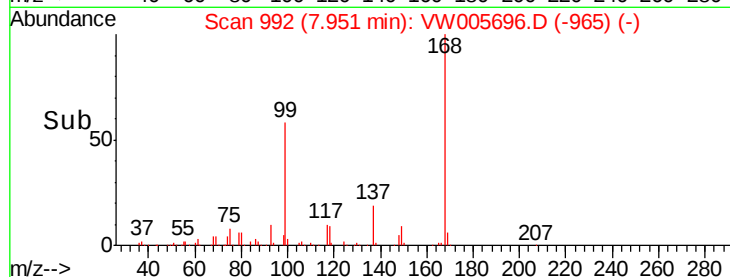
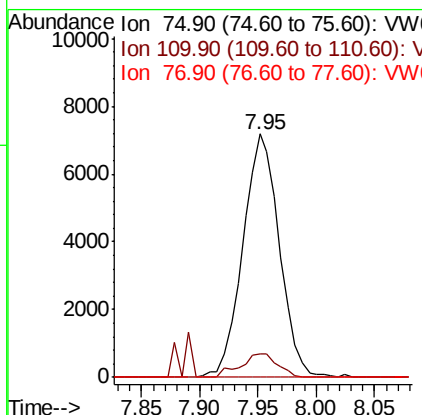
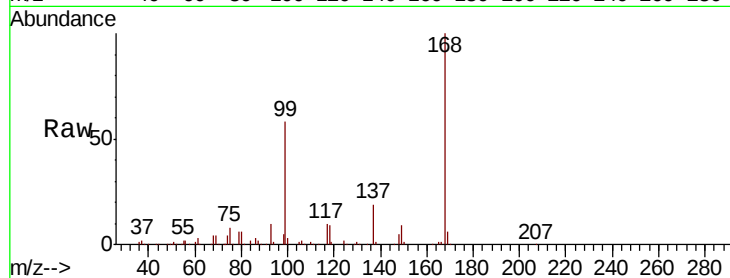




#36
 1,1-Dichloropropene
 Concen: 4.811 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005696.D
 Acq: 27 Sep 2018 13:34

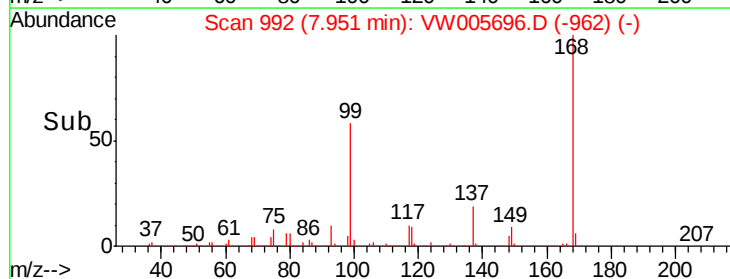
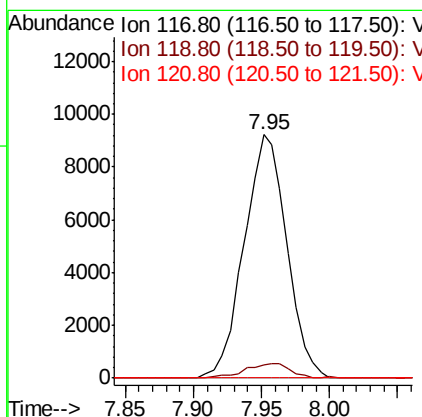
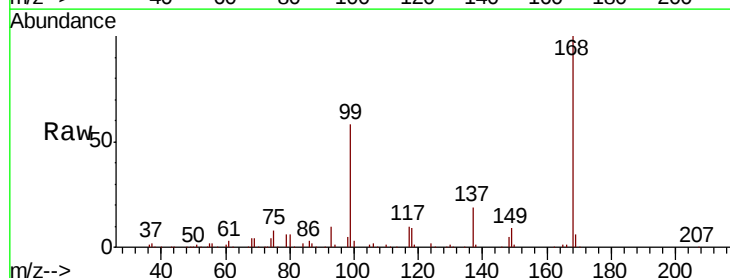
Instrument :
 MSVOA_W
 ClientSampleId :
 PARCEL-193-092418-2

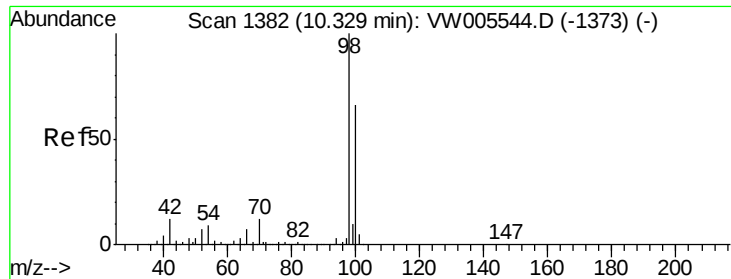
Tgt Ion: 75 Resp: 15673
 Ion Ratio Lower Upper
 75 100
 110 9.8 17.0 50.9#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 5.790 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW005696.D
 Acq: 27 Sep 2018 13:34

Tgt Ion: 117 Resp: 20213
 Ion Ratio Lower Upper
 117 100
 119 5.6 77.6 116.4#
 121 0.0 25.7 38.5#





#50

Toluene-d8

Concen: 49.890 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005696.D

Acq: 27 Sep 2018 13:34

Instrument :

MSVOA_W

ClientSampleId :

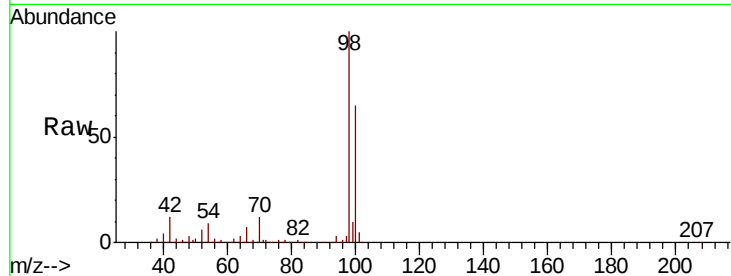
PARCEL-193-092418-2

Tgt Ion: 98 Resp: 413454

Ion Ratio Lower Upper

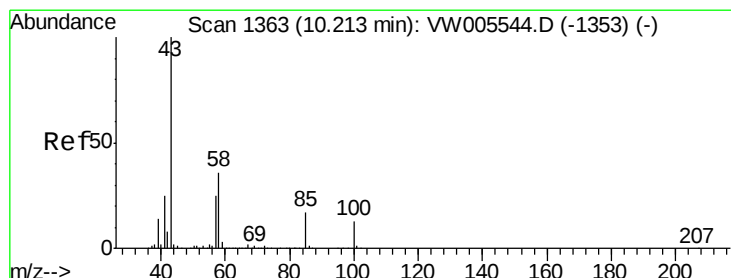
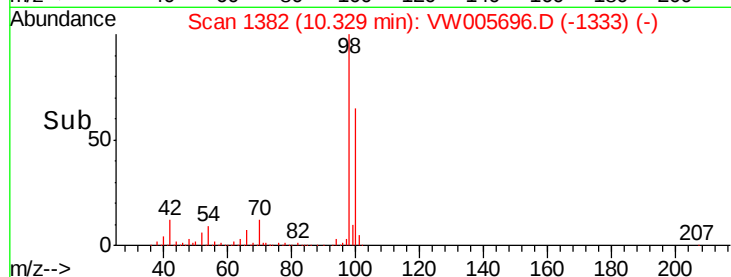
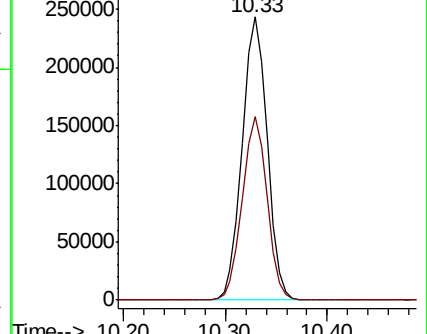
98 100

100 64.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 1.381 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.12 min

Lab File: VW005696.D

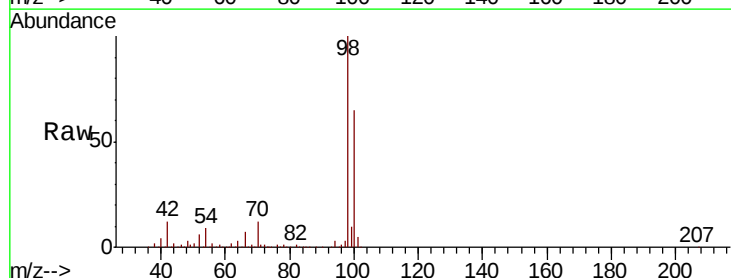
Acq: 27 Sep 2018 13:34

Tgt Ion: 43 Resp: 1875

Ion Ratio Lower Upper

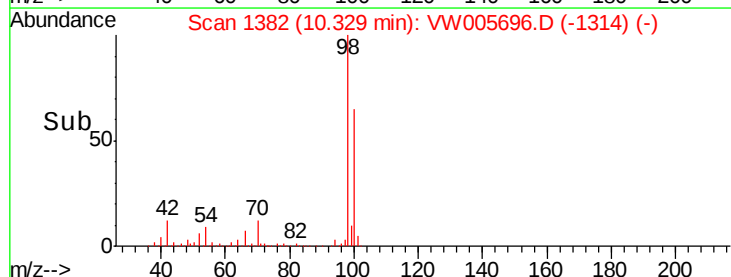
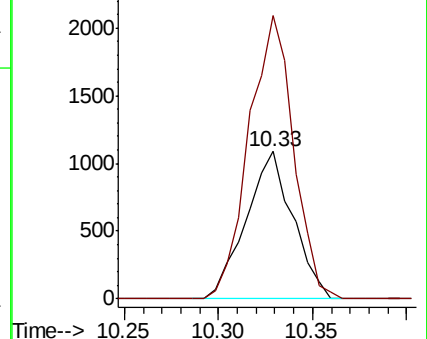
43 100

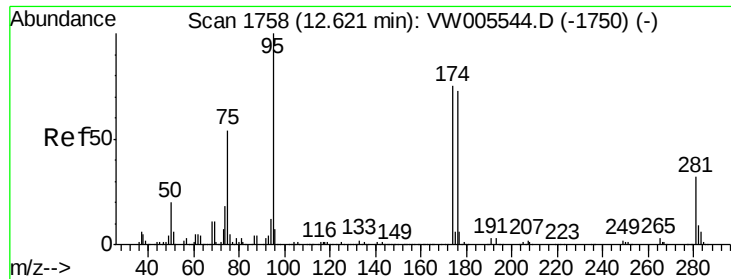
58 183.1 30.0 45.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#62

4-Bromofluorobenzene

Concen: 40.897 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005696.D

Acq: 27 Sep 2018 13:34

Instrument :

MSVOA_W

ClientSampleId :

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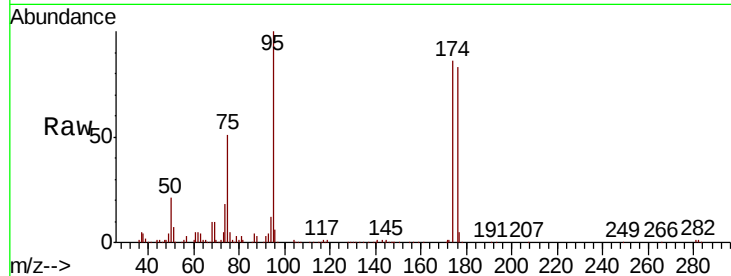
Tgt Ion: 95 Resp: 125413

Ion Ratio Lower Upper

95 100

174 83.7 0.0 163.8

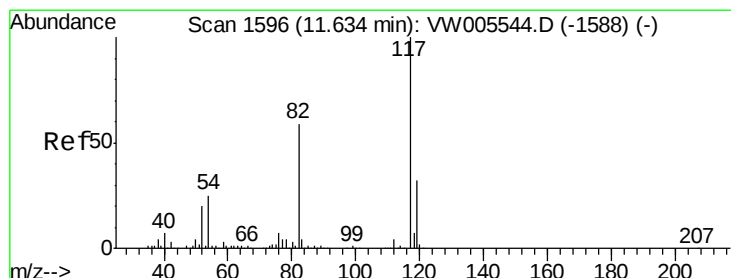
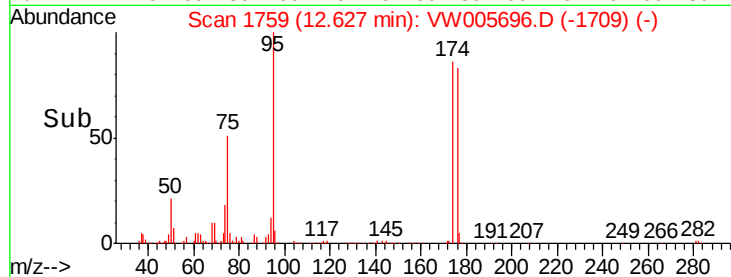
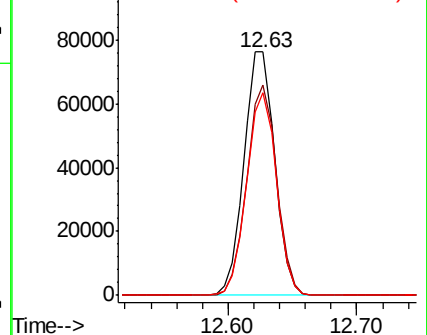
176 80.5 0.0 158.0



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# 1596

Delta R.T. -0.00 min

Lab File: VW005696.D

Acq: 27 Sep 2018 13:34

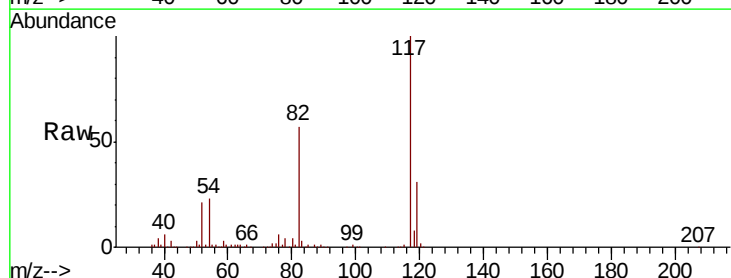
Tgt Ion: 117 Resp: 282188

Ion Ratio Lower Upper

117 100

82 57.0 46.9 70.3

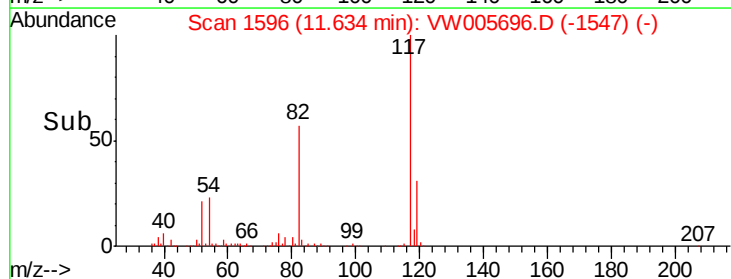
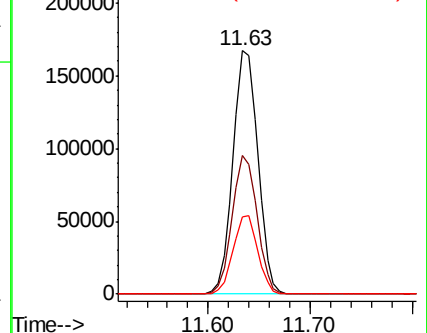
119 31.5 25.7 38.5

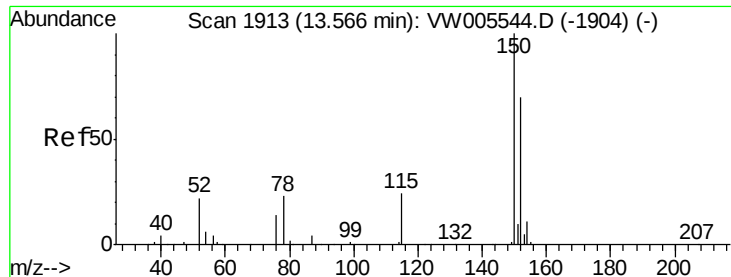


Abundance Ion 116.90 (116.60 to 117.60): VW

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: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005696.D

Acq: 27 Sep 2018 13:34

Instrument :

MSVOA_W

ClientSampleId :

PARCEL-193-092418-2

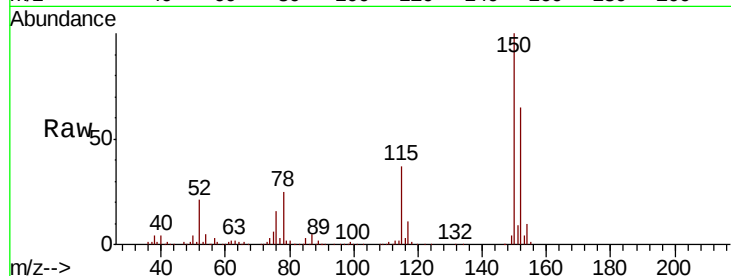
Tgt Ion: 152 Resp: 114303

Ion Ratio Lower Upper

152 100

115 58.7 30.0 90.0

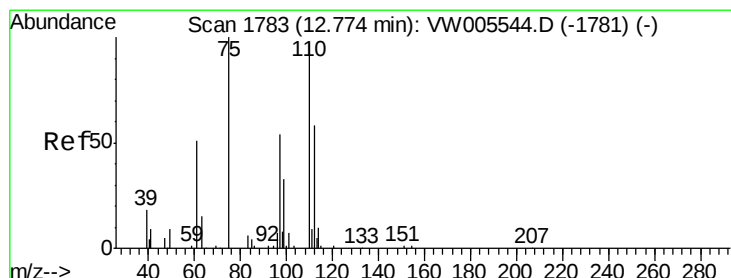
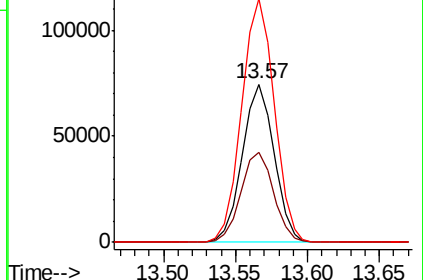
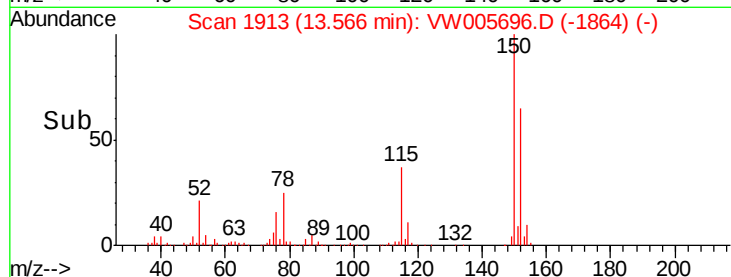
150 157.4 0.0 348.6



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: 65.779 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005696.D

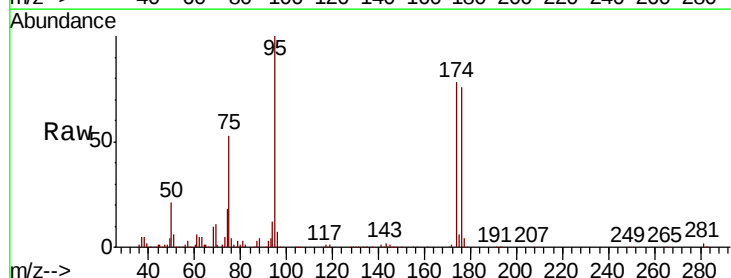
Acq: 27 Sep 2018 13:34

Tgt Ion: 75 Resp: 64092

Ion Ratio Lower Upper

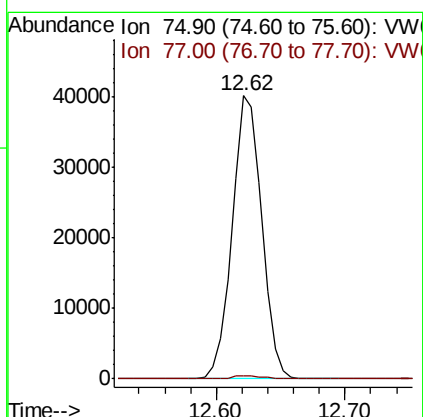
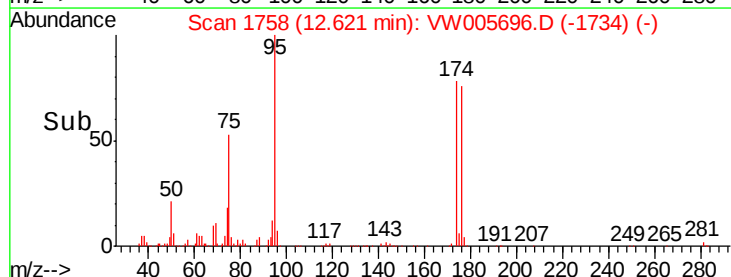
75 100

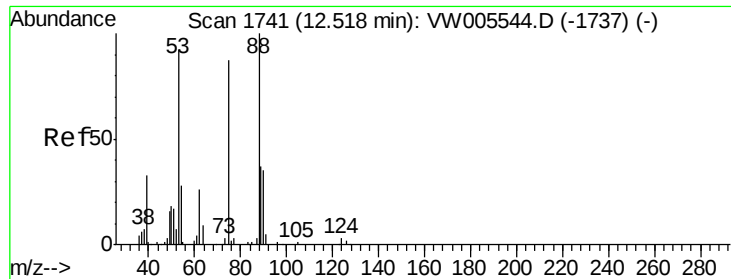
77 1.2 0.0 0.0#



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: 148.154 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005696.D

Acq: 27 Sep 2018 13:34

Instrument :

MSVOA_W

ClientSampleId :

PARCEL-193-092418-2

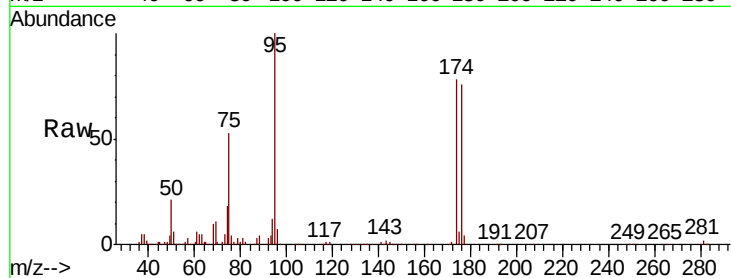
Tgt Ion: 75 Resp: 64092

Ion Ratio Lower Upper

75 100

53 0.1 85.8 128.6#

89 0.0 37.3 55.9#



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

