

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010919\
 Data File : VW008115.D
 Acq On : 09 Jan 2019 20:37
 Operator : SY/AP
 Sample : K1074-20
 Misc : 4.17G/5ML/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 W12-10

Quant Time: Jan 10 06:00:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	72670	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	130950	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	119438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	56242	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	43544	53.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.62%	
35) Dibromofluoromethane	7.88	113	40994	53.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.34%	
50) Toluene-d8	10.32	98	164358	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
62) 4-Bromofluorobenzene	12.62	95	57215	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	

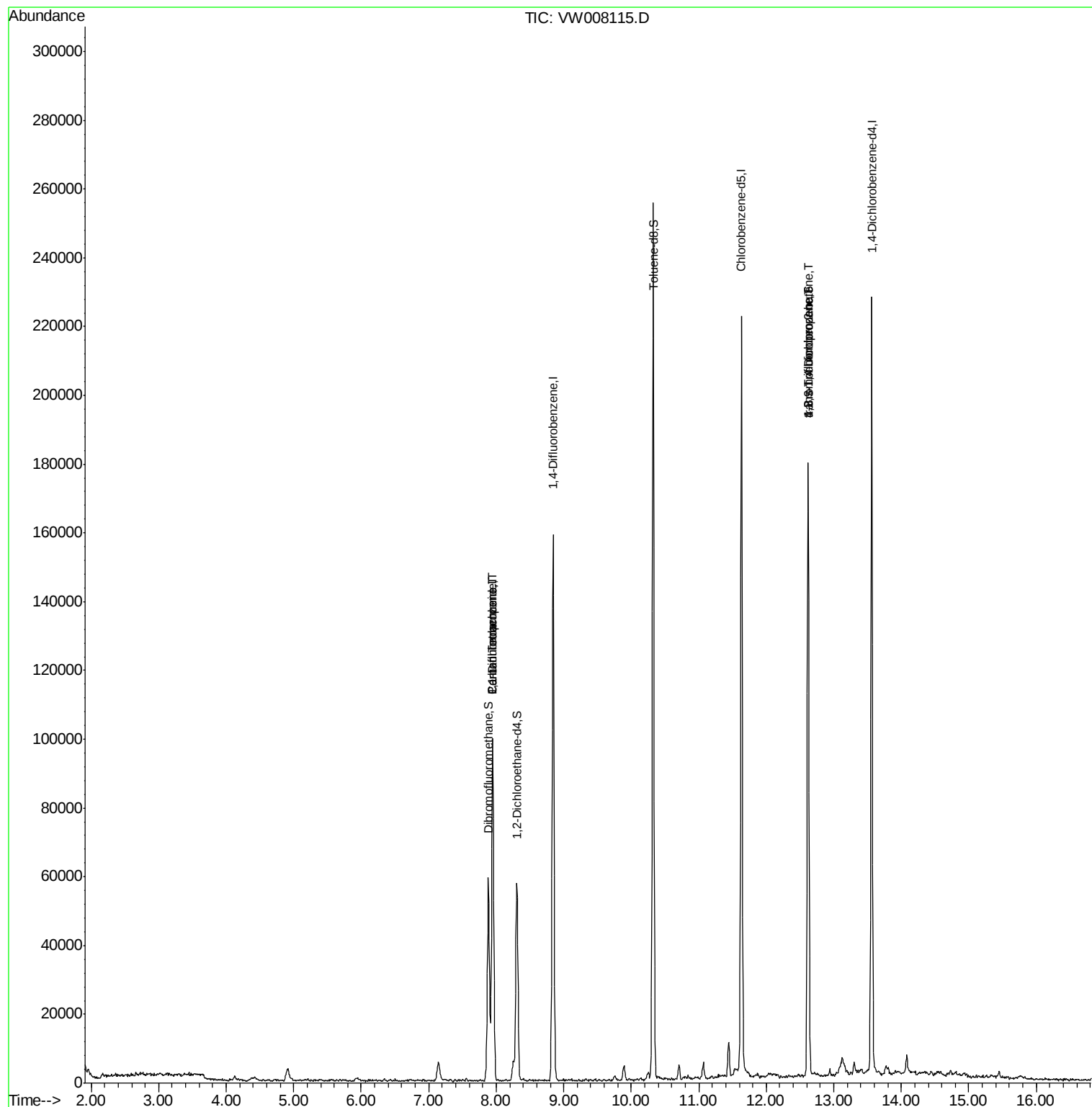
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.24	59	21	Below Cal	#	100
13) Acrolein	3.91	56	74	Below Cal	#	14
16) Acetone	4.13	43	2063	Below Cal	#	84
20) Methylene Chloride	4.90	84	2352	Below Cal	#	72
36) 1,1-Dichloropropene	7.95	75	6127	4.542	ug/l #	50
38) Carbon Tetrachloride	7.95	117	7609	6.163	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	28389	55.371	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	28389	128.942	ug/l #	11

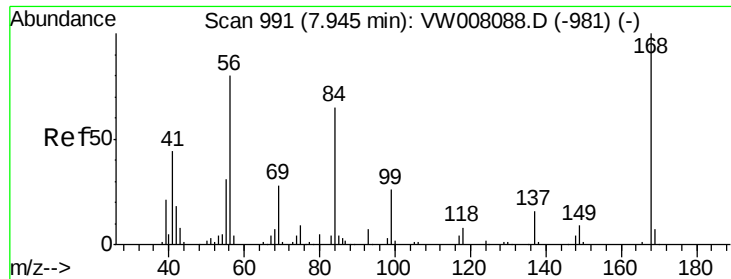
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010919\
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Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008115.D

Acq: 09 Jan 2019 20:37

Instrument :

MSVOA_W

ClientSampleId :

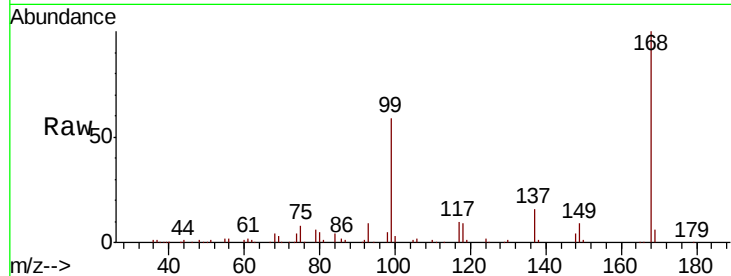
W12-10

Tgt Ion:168 Resp: 72670

Ion Ratio Lower Upper

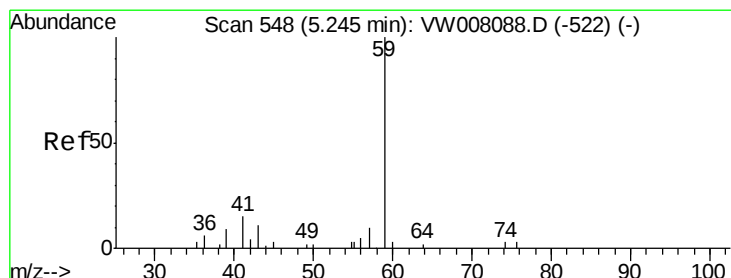
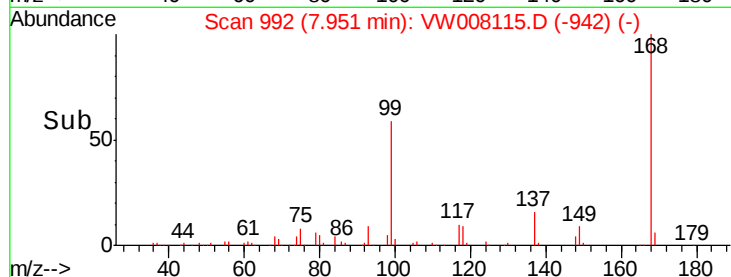
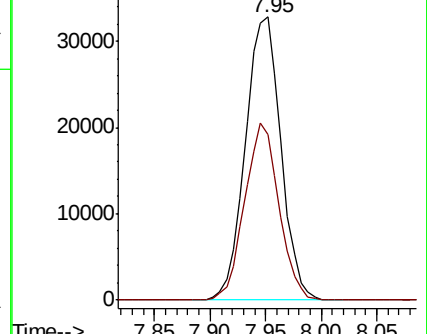
168 100

99 58.5 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.24 min Scan# 547

Delta R.T. -0.01 min

Lab File: VW008115.D

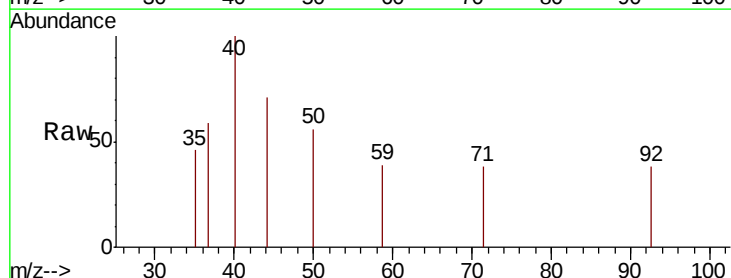
Acq: 09 Jan 2019 20:37

Tgt Ion: 59 Resp: 21

Ion Ratio Lower Upper

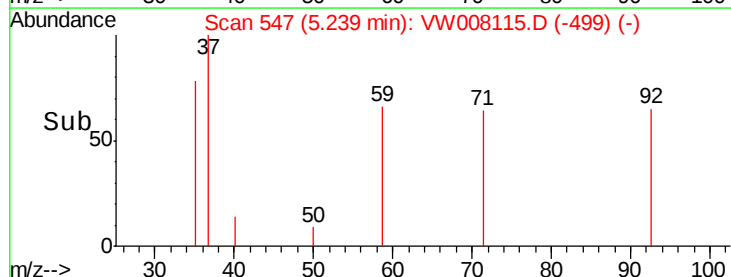
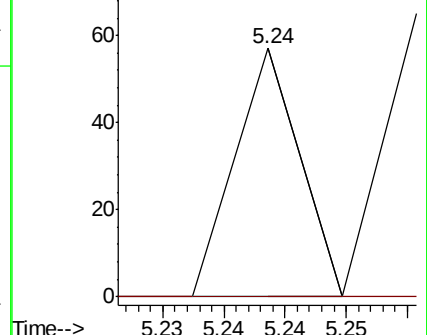
59 100

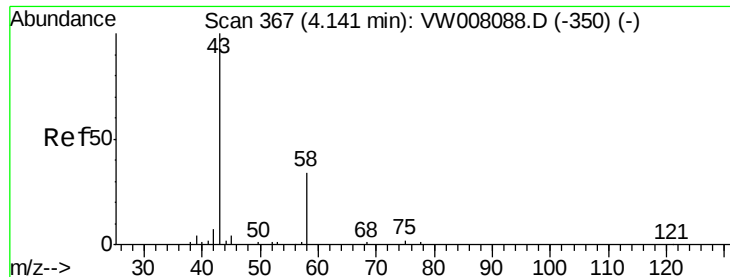
57 223.8 0.0 0.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: Below Cal

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW008115.D

Acq: 09 Jan 2019 20:37

Instrument :

MSVOA_W

ClientSampled :

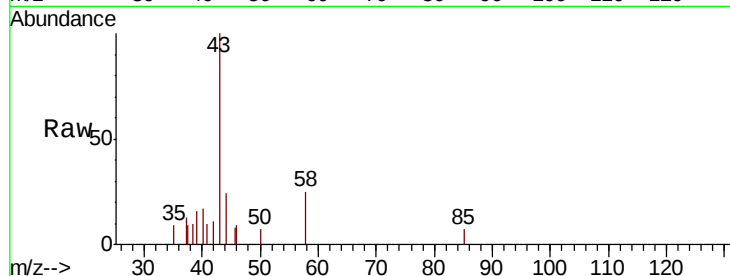
W12-10

Tgt Ion: 43 Resp: 2063

Ion Ratio Lower Upper

43 100

58 25.1 27.5 41.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

800

600

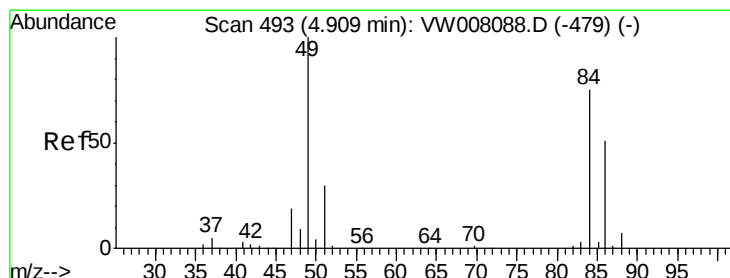
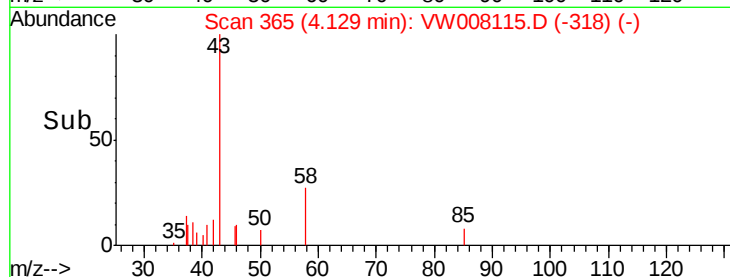
400

200

0

4.05 4.10 4.15 4.20

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW008115.D

Acq: 09 Jan 2019 20:37

Tgt Ion: 84 Resp: 2352

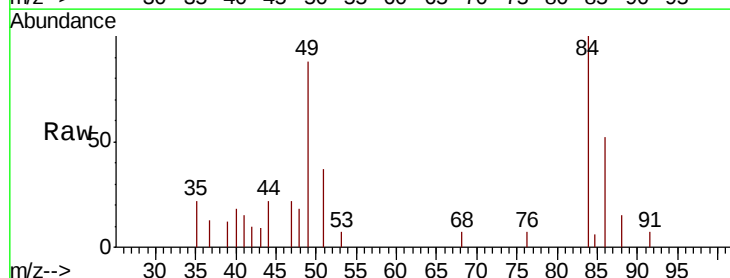
Ion Ratio Lower Upper

84 100

49 88.1 107.1 160.7#

51 37.0 32.4 48.6

86 52.1 54.2 81.4#



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

1500

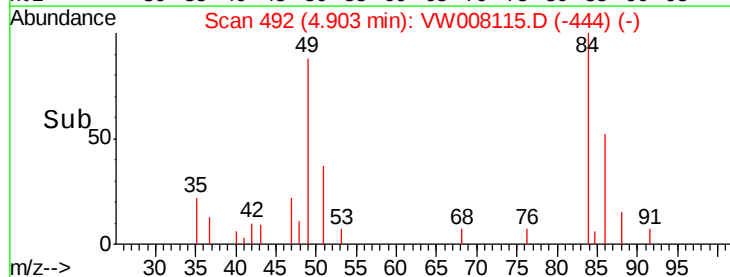
1000

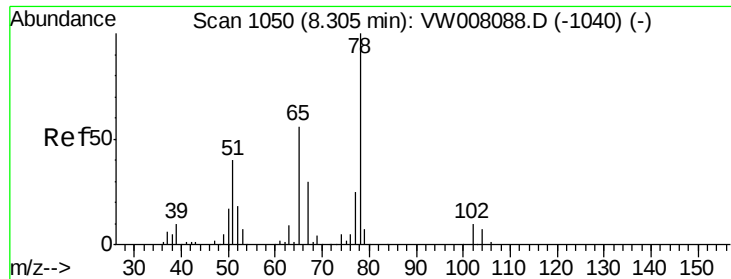
500

0

4.80 4.85 4.90 4.95 5.00

Time-->

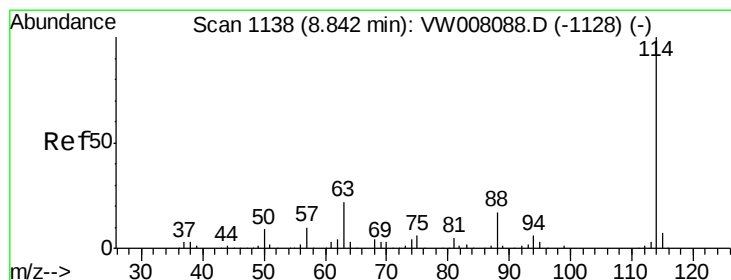
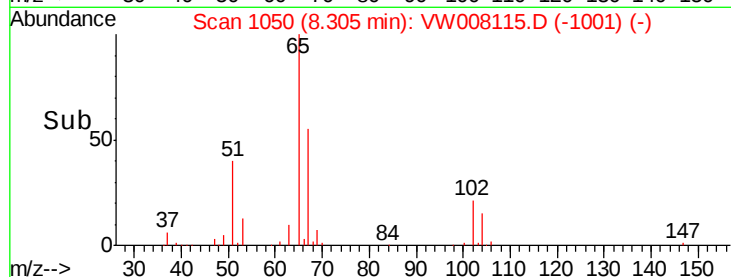
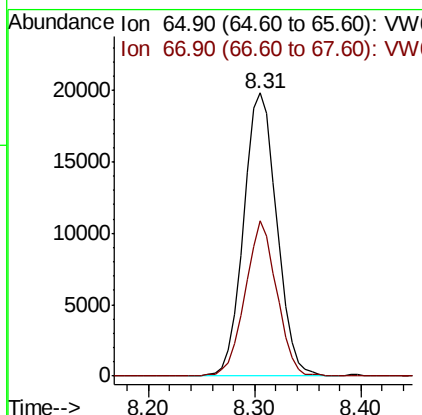
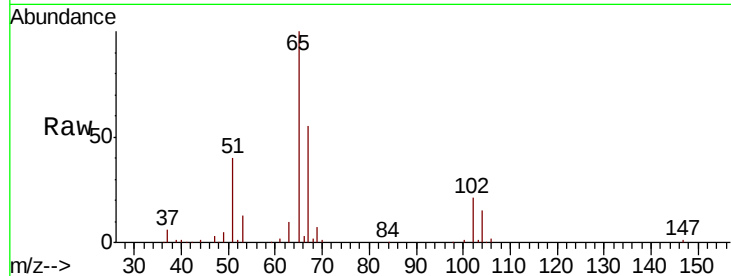




#33
 1,2-Dichloroethane-d4
 Concen: 53.314 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008115.D
 Acq: 09 Jan 2019 20:37

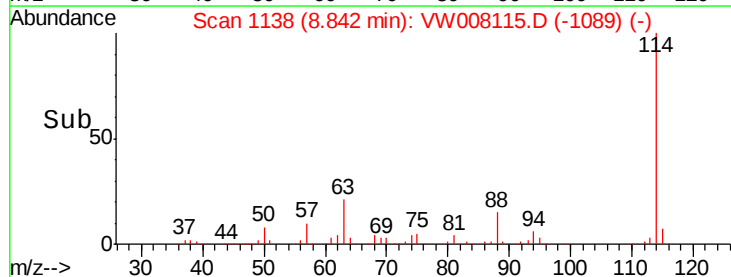
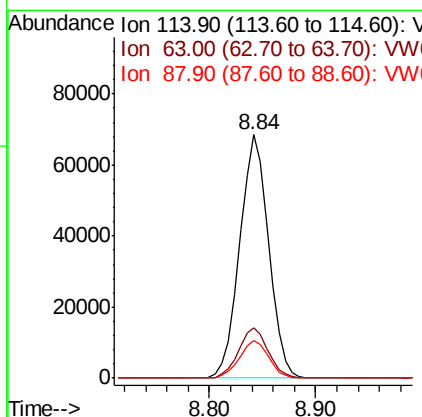
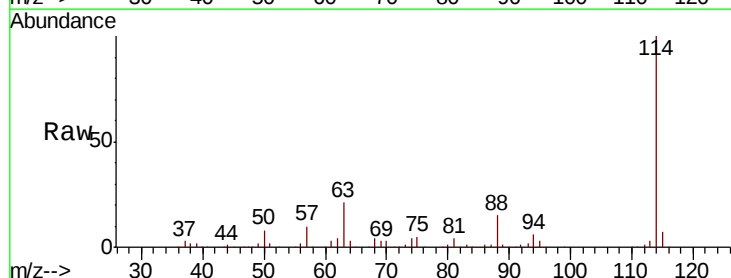
Instrument :
 MSVOA_W
 ClientSampleId :
 W12-10

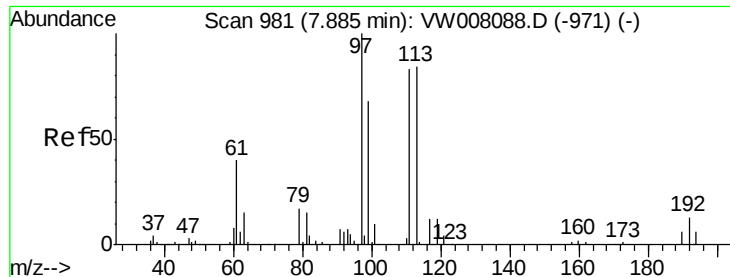
Tgt Ion: 65 Resp: 43544
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008115.D
 Acq: 09 Jan 2019 20:37

Tgt Ion: 114 Resp: 130950
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 43.4
 88 15.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 53.675 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008115.D

Acq: 09 Jan 2019 20:37

Instrument :

MSVOA_W

ClientSampleId :

W12-10

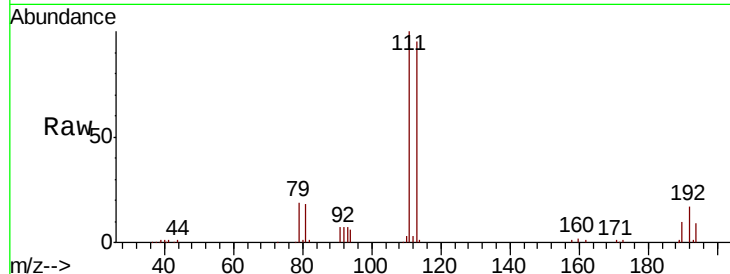
Tgt Ion:113 Resp: 40994

Ion Ratio Lower Upper

113 100

111 101.8 81.8 122.8

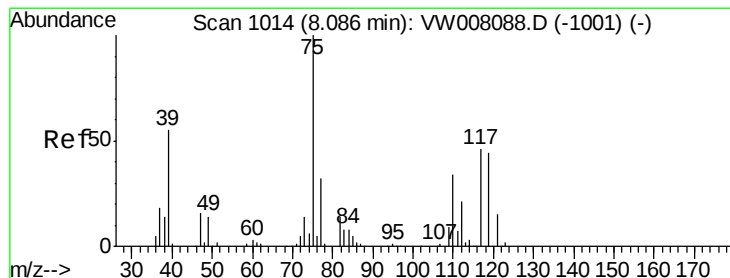
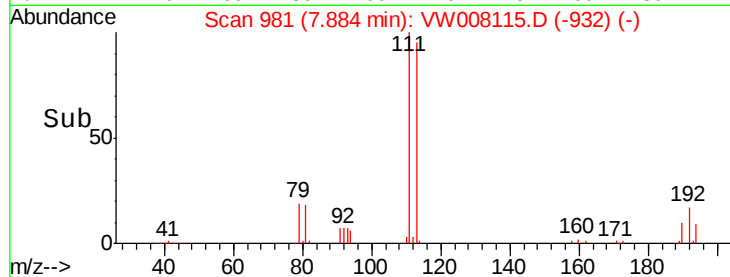
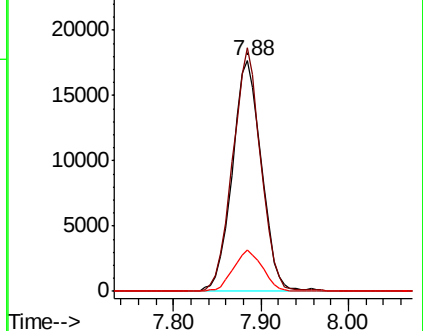
192 18.0 12.8 19.2



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: 4.542 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW008115.D

Acq: 09 Jan 2019 20:37

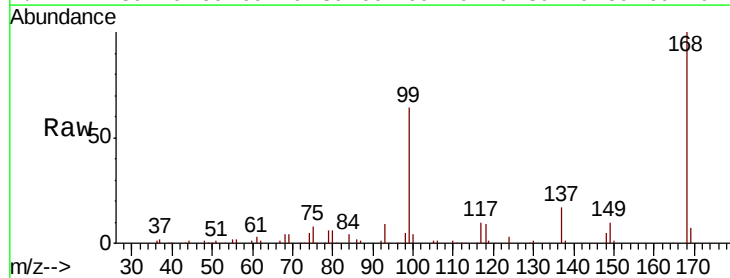
Tgt Ion: 75 Resp: 6127

Ion Ratio Lower Upper

75 100

110 9.7 17.1 51.3#

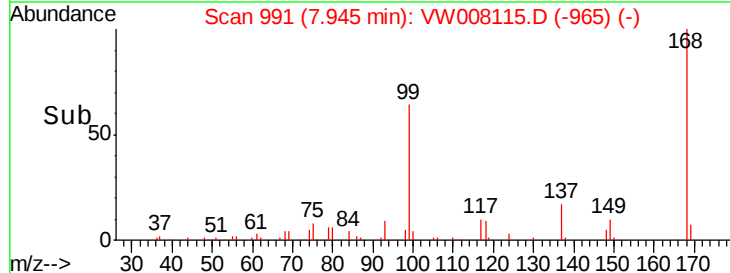
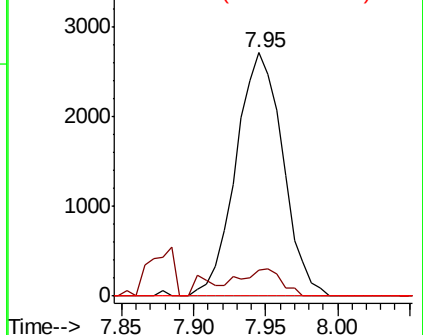
77 0.0 25.5 38.3#

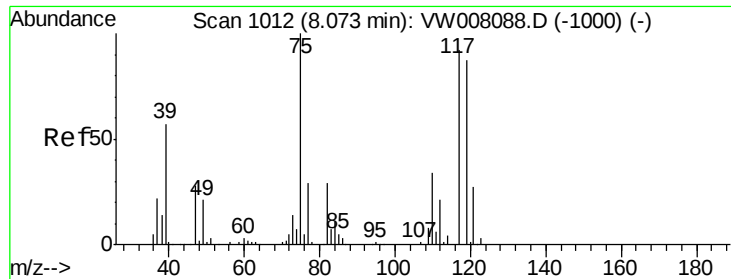


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

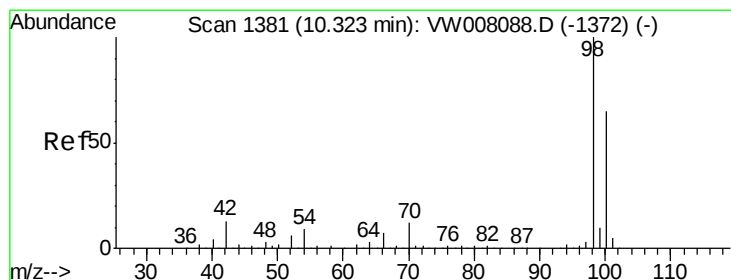
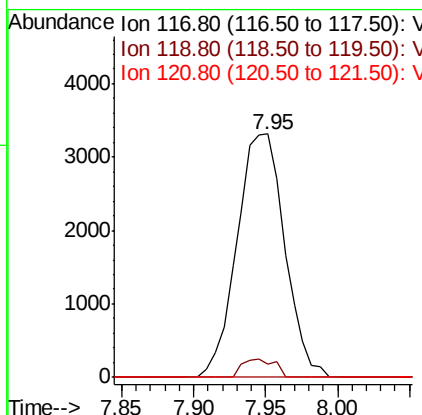
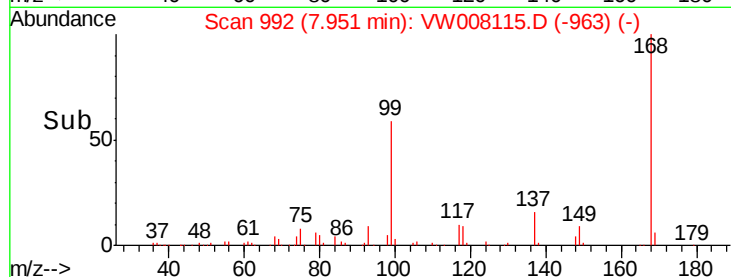
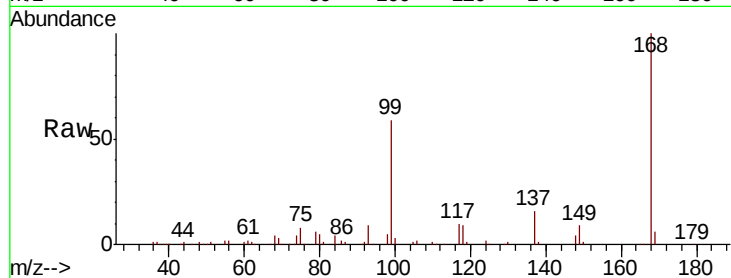




#38
Carbon Tetrachloride
Concen: 6.163 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW008115.D
Acq: 09 Jan 2019 20:37

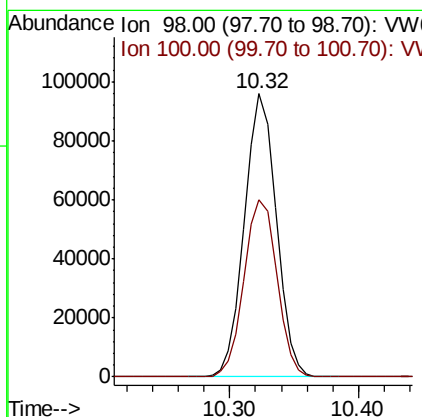
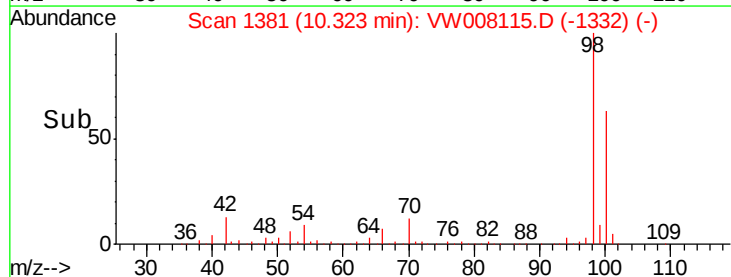
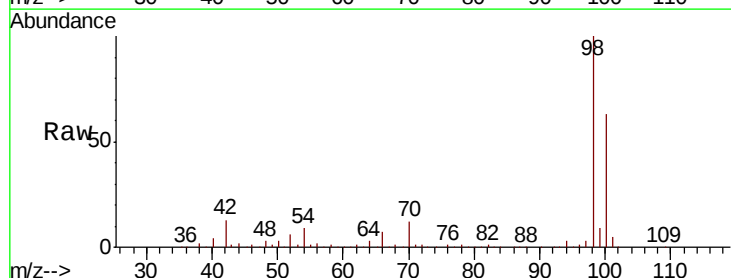
Instrument :
MSVOA_W
ClientSampleId :
W12-10

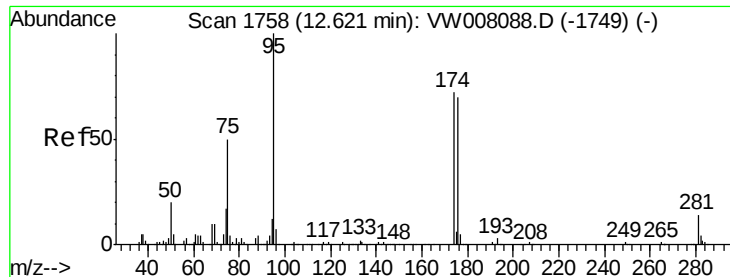
Tgt Ion:117 Resp: 7609
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.8#
121 0.0 23.7 35.5#



#50
Toluene-d8
Concen: 51.282 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008115.D
Acq: 09 Jan 2019 20:37

Tgt Ion: 98 Resp: 164358
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 49.796 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008115.D

Acq: 09 Jan 2019 20:37

Instrument :

MSVOA_W

ClientSampled :

W12-10

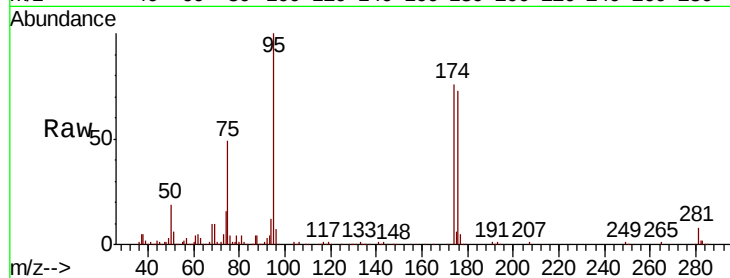
Tgt Ion: 95 Resp: 57215

Ion Ratio Lower Upper

95 100

174 75.1 0.0 143.0

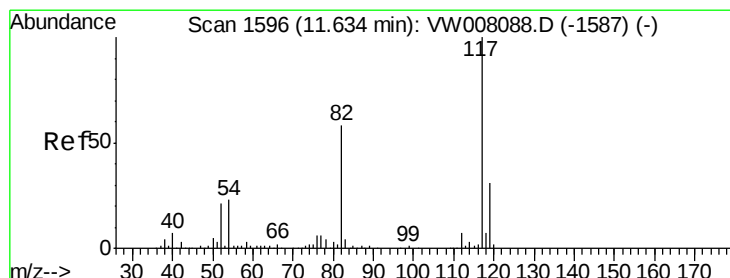
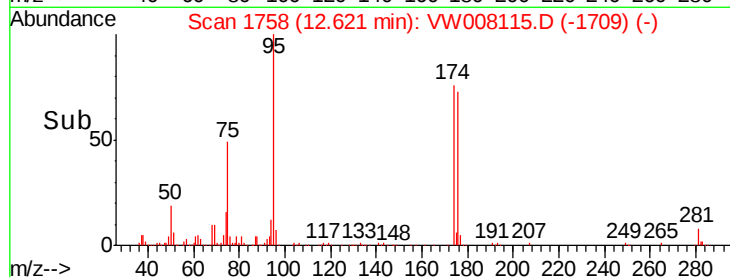
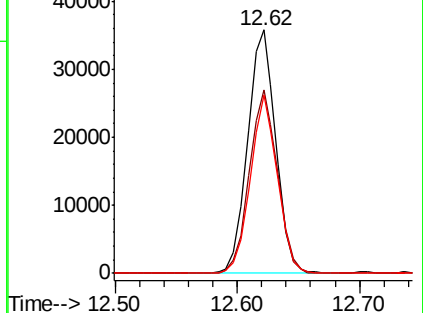
176 70.2 0.0 140.2



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# 1596

Delta R.T. -0.00 min

Lab File: VW008115.D

Acq: 09 Jan 2019 20:37

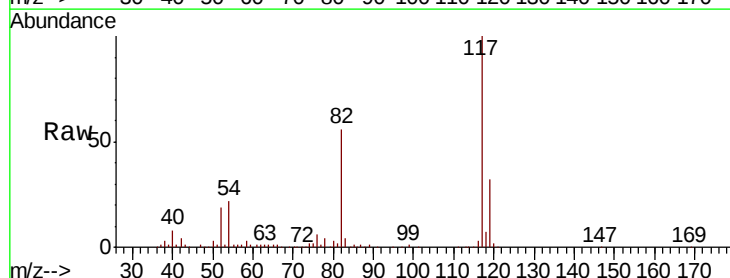
Tgt Ion: 117 Resp: 119438

Ion Ratio Lower Upper

117 100

82 55.7 46.4 69.6

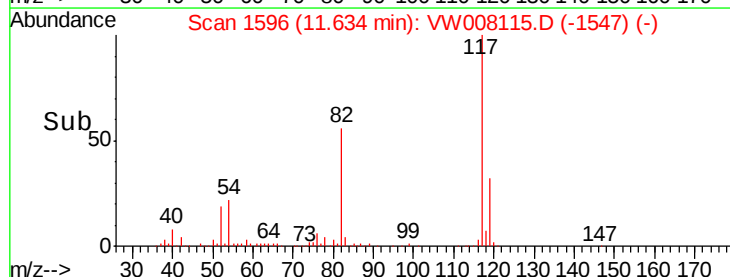
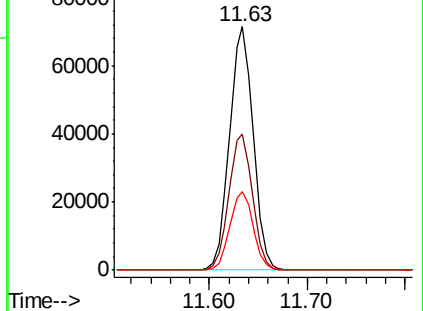
119 31.8 24.7 37.1

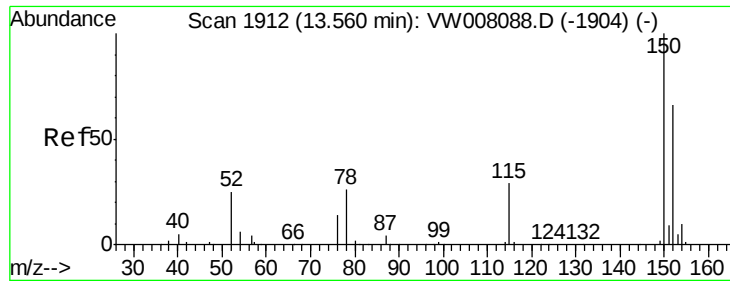


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW008115.D

Acq: 09 Jan 2019 20:37

Instrument :

MSVOA_W

ClientSampleId :

W12-10

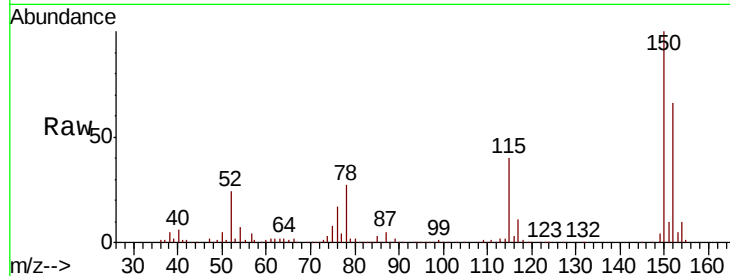
Tgt Ion:152 Resp: 56242

Ion Ratio Lower Upper

152 100

115 59.1 30.8 92.4

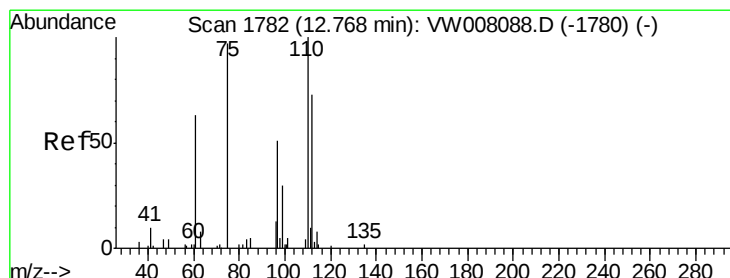
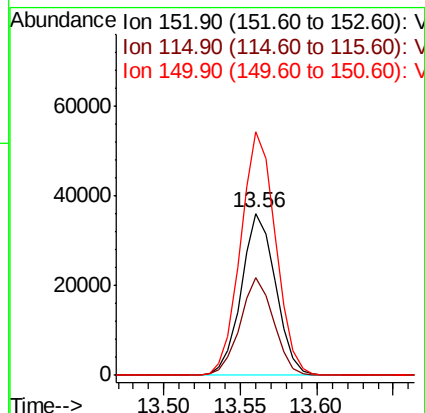
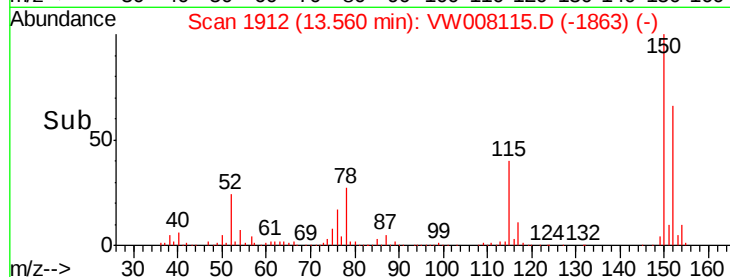
150 153.3 0.0 350.2



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: 55.371 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008115.D

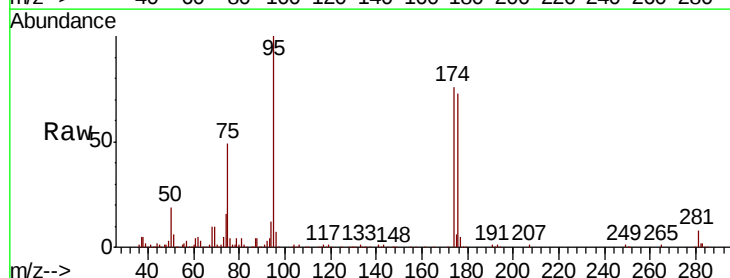
Acq: 09 Jan 2019 20:37

Tgt Ion: 75 Resp: 28389

Ion Ratio Lower Upper

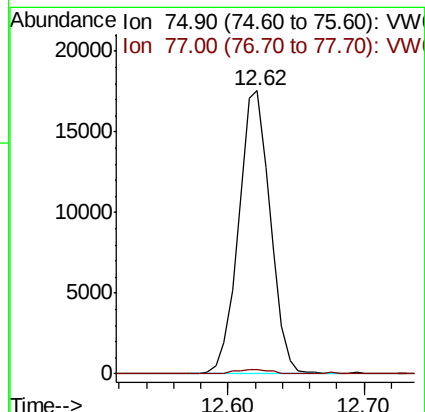
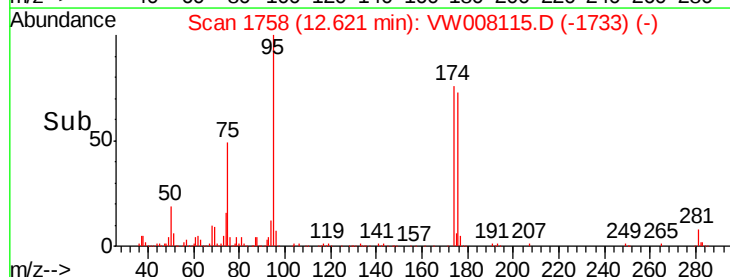
75 100

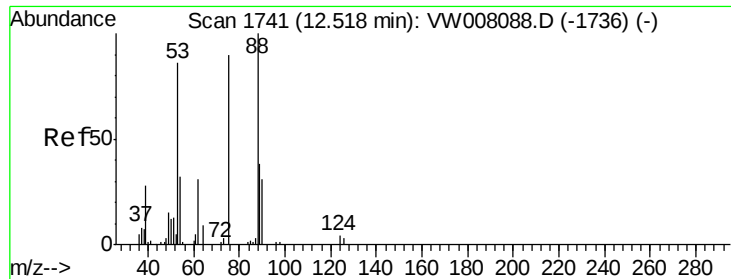
77 1.8 179.4 538.2#



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: 128.942 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW008115.D

Acq: 09 Jan 2019 20:37

Instrument :

MSVOA_W

ClientSampleId :

W12-10

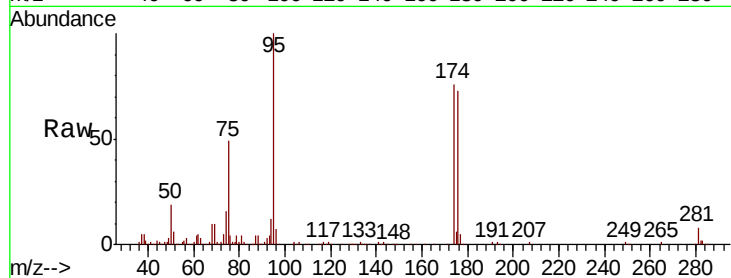
Tgt Ion: 75 Resp: 28389

Ion Ratio Lower Upper

75 100

53 0.4 78.8 118.2#

89 0.2 35.4 53.2#



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

