

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121918\
 Data File : VW007639.D
 Acq On : 17 Dec 2018 18:33
 Operator : SY/AP
 Sample : J6378-21
 Misc : 6.18G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 18 07:06:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	4269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	7117	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	6139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	2297	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	2447	51.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.34%	
35) Dibromofluoromethane	7.88	113	2353	54.62	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.24%	
50) Toluene-d8	10.33	98	7489	46.36	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.72%	
62) 4-Bromofluorobenzene	12.62	95	2343	39.45	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	78.90%	

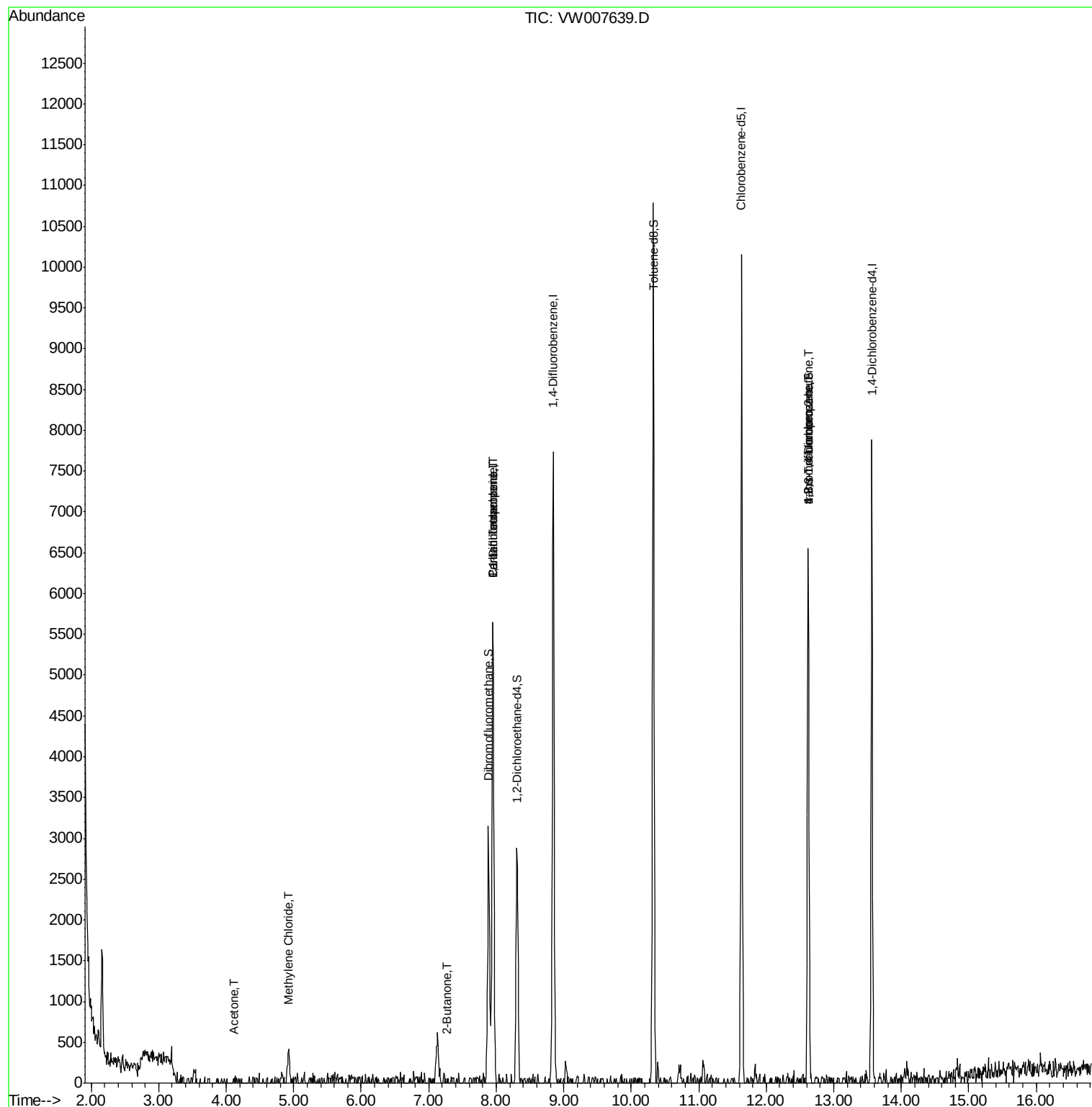
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.11	43	20	2.418	ug/l #	44
20) Methylene Chloride	4.92	84	316	3.328	ug/l #	66
25) 2-Butanone	7.27	43	20	1.852	ug/l #	45
36) 1,1-Dichloropropene	7.95	75	331	5.098	ug/l #	40
38) Carbon Tetrachloride	7.95	117	447	6.328	ug/l #	13
76) 1,2,3-Trichloropropane	12.62	75	1390	73.392	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	1390	162.123	ug/l #	7

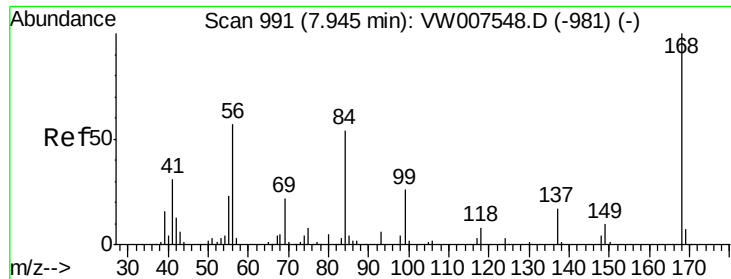
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007639.D

Acq: 17 Dec 2018 18:33

Instrument :

MSVOA_W

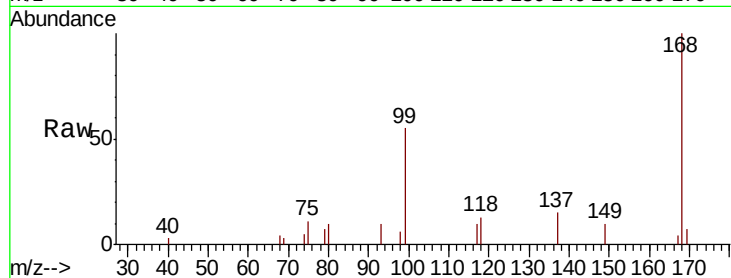
ClientSampled :

Tot Ion:168 Resp: 4269

Ion Ratio Lower Upper

168 100

99 55.2 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

2000

1500

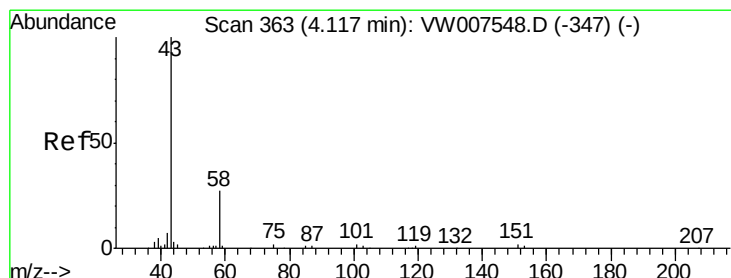
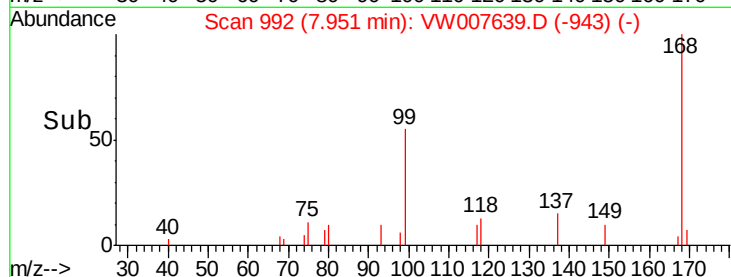
1000

500

0

7.90 7.95 8.00

Time-->



#16

Acetone

Concen: 2.418 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW007639.D

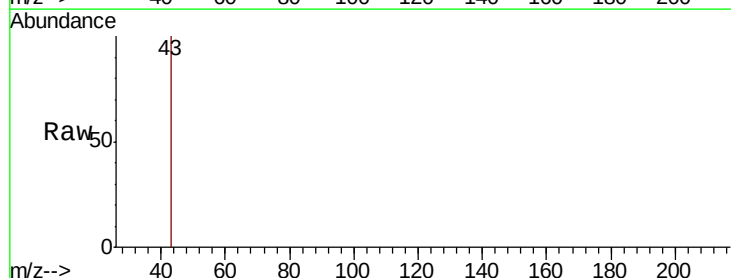
Acq: 17 Dec 2018 18:33

Tgt Ion: 43 Resp: 20

Ion Ratio Lower Upper

43 100

58 0.0 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.11

100

80

60

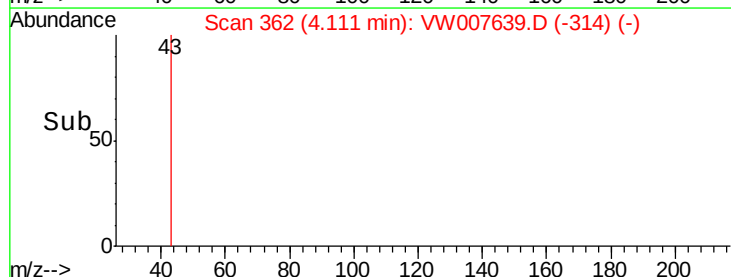
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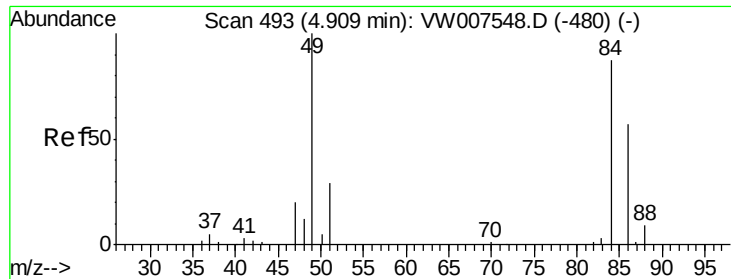
20

0

4.09 4.10 4.11 4.12 4.13

Time-->

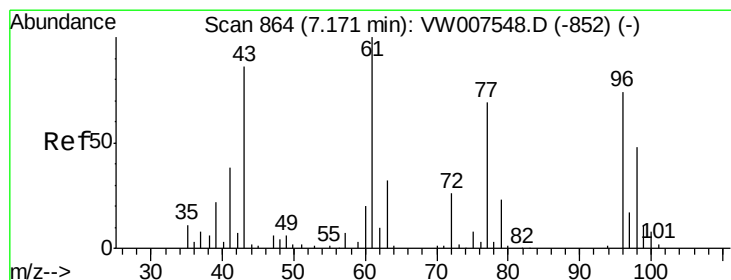
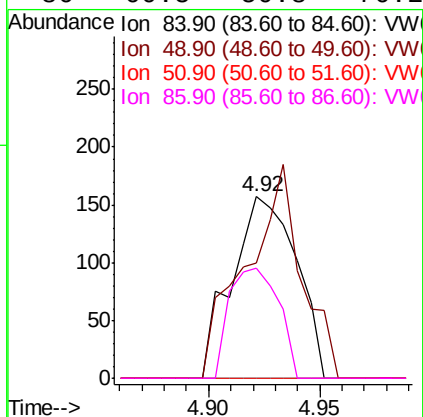
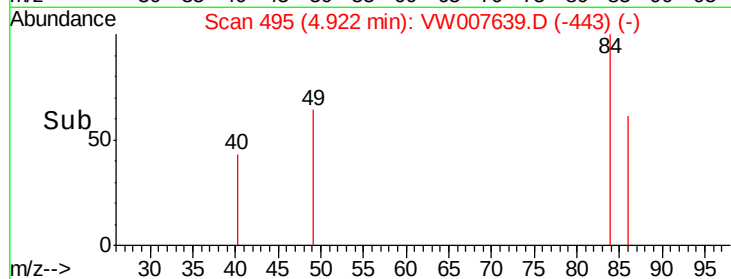
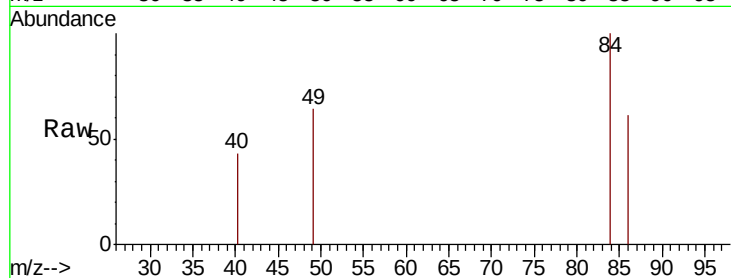




#20
Methvlene Chloride
Concen: 3.328 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.02 min
Lab File: VW007639.D
Acq: 17 Dec 2018 18:33

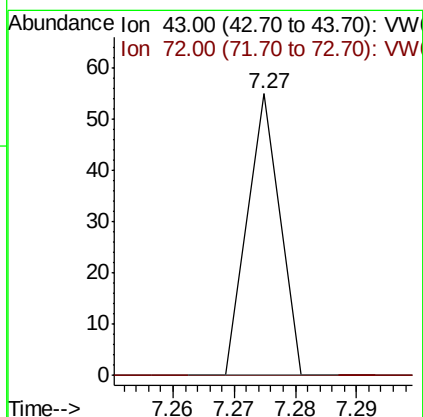
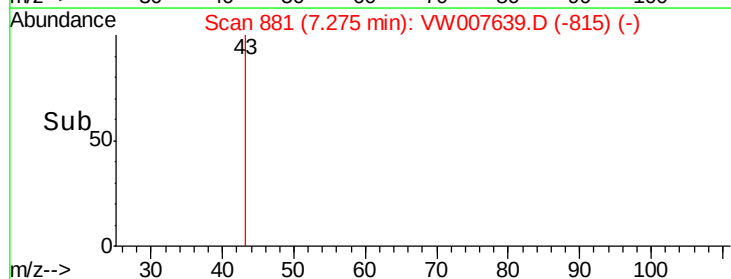
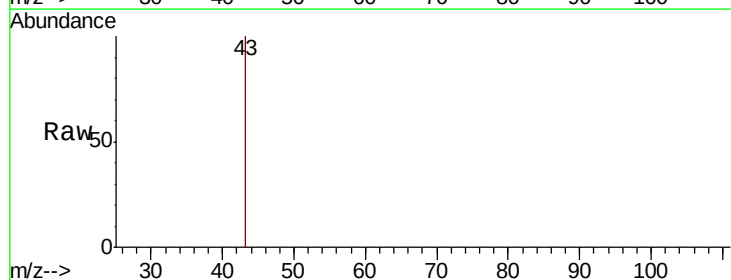
Instrument :
MSVOA_W
ClientSampleId :

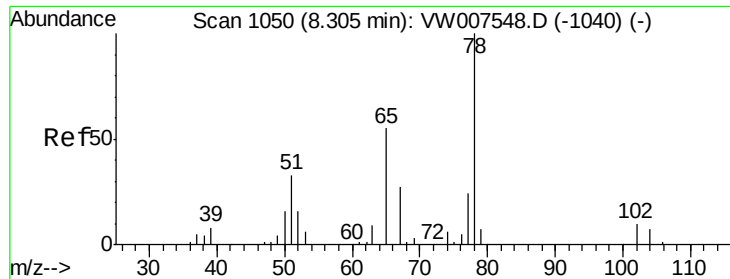
Tot Ion: 84 Resp: 316
Ion Ratio Lower Upper
84 100
49 63.7 87.1 130.7#
51 0.0 28.2 42.2#
86 60.5 50.8 76.2



#25
2-Butanone
Concen: 1.852 ug/l
RT: 7.27 min Scan# 881
Delta R.T. 0.10 min
Lab File: VW007639.D
Acq: 17 Dec 2018 18:33

Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
72 0.0 23.4 35.2#

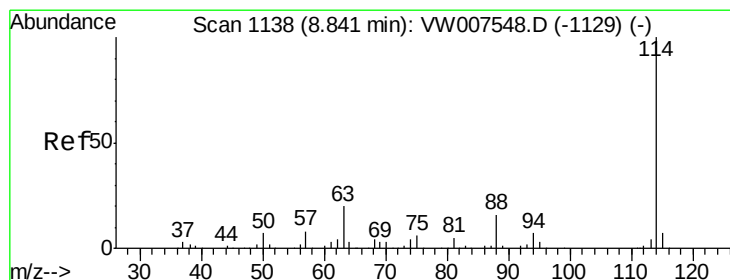
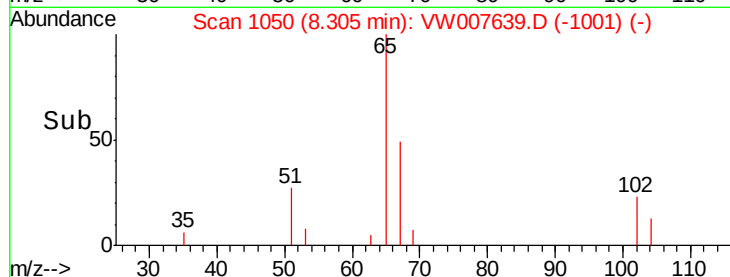
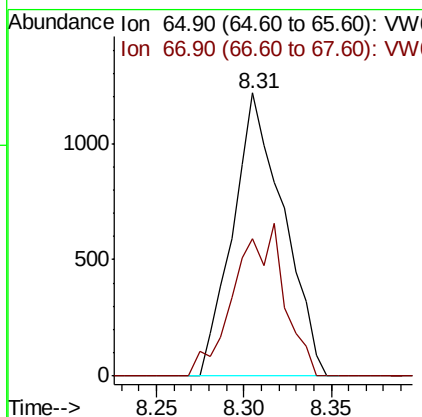
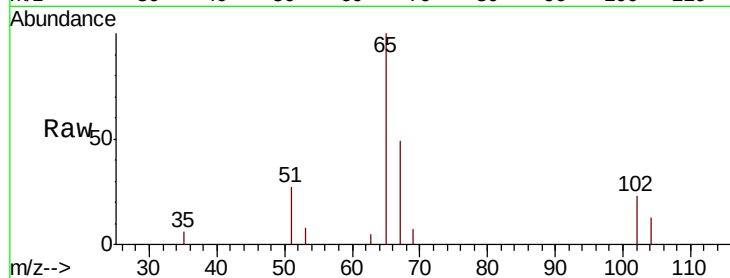




#33
 1,2-Dichloroethane-d4
 Concen: 51.667 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007639.D
 Acq: 17 Dec 2018 18:33

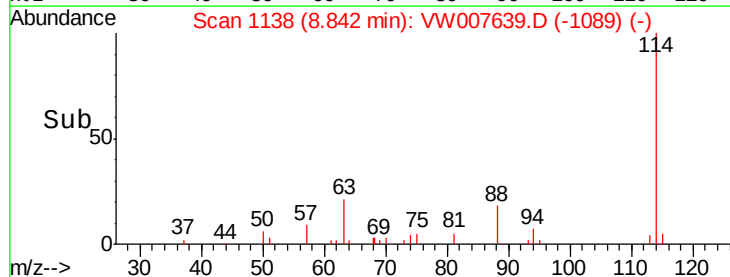
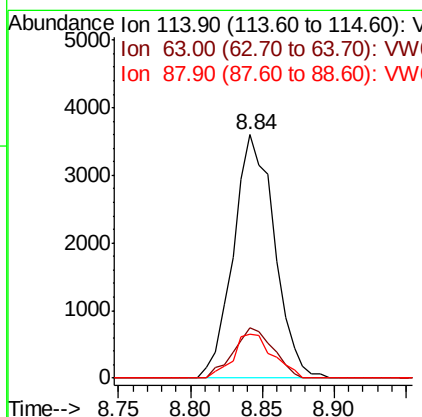
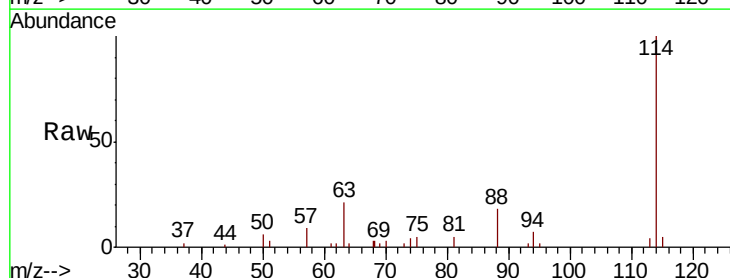
Instrument :
 MSVOA_W
 ClientSampled :

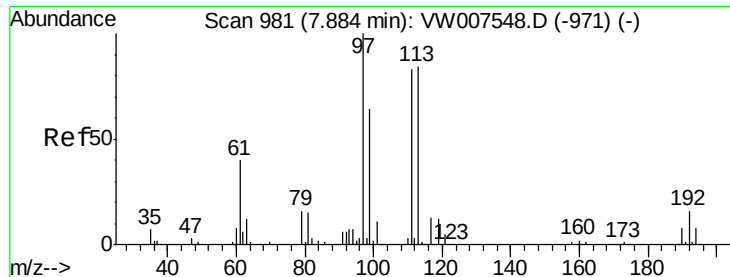
Tot Ion: 65 Resp: 2447
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007639.D
 Acq: 17 Dec 2018 18:33

Tgt Ion: 114 Resp: 7117
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.6
 88 18.0 0.0 31.4

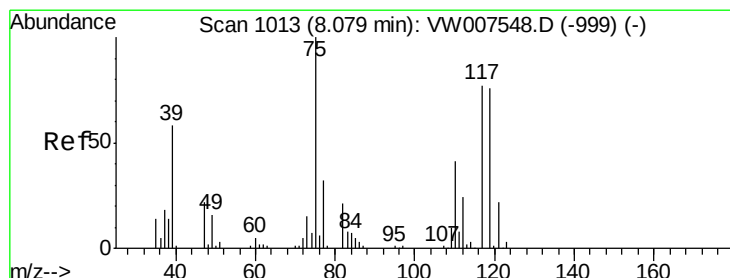
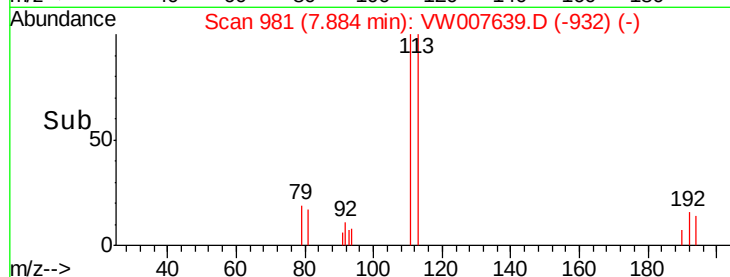
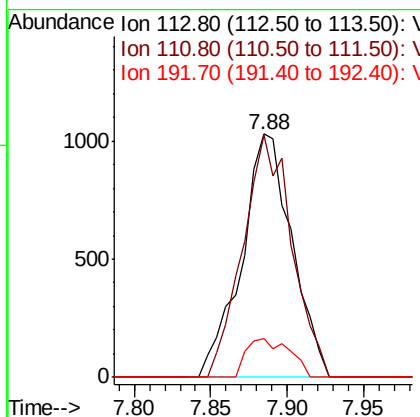
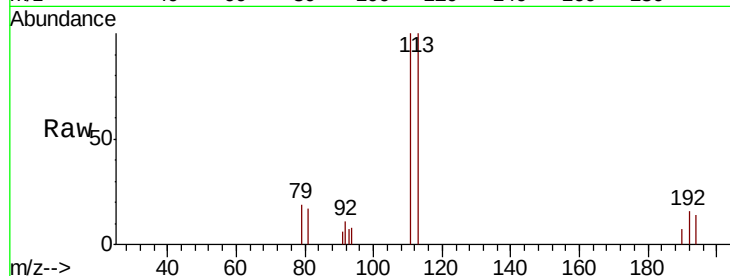




#35
 Dibromofluoromethane
 Concen: 54.617 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007639.D
 Acq: 17 Dec 2018 18:33

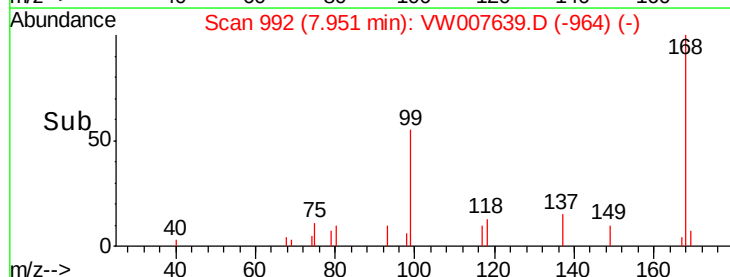
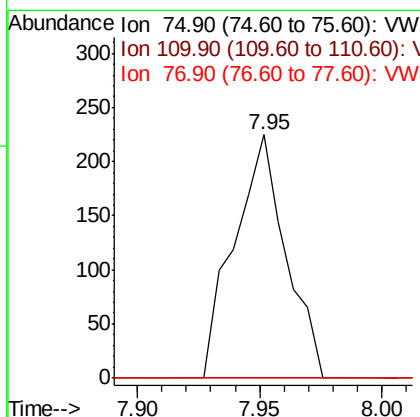
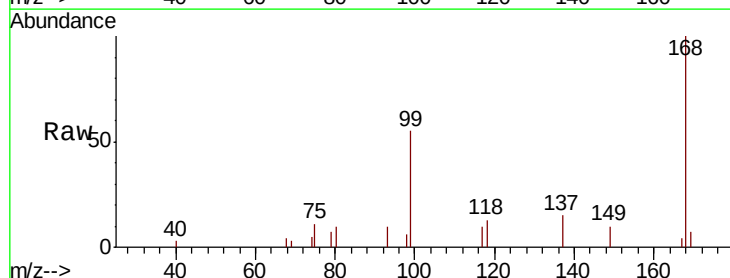
Instrument :
 MSVOA_W
 ClientSampled :

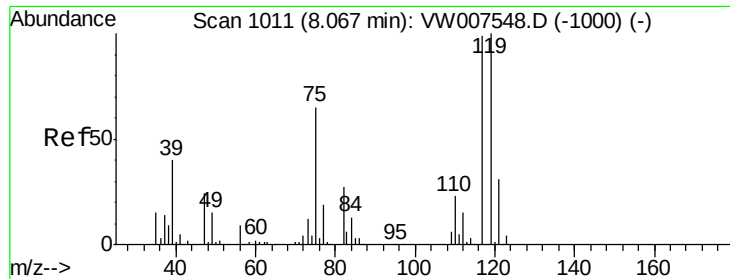
Tot Ion:113 Resp: 2353
 Ion Ratio Lower Upper
 113 100
 111 97.1 81.1 121.7
 192 13.6 14.6 21.8#



#36
 1,1-Dichloropropene
 Concen: 5.098 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007639.D
 Acq: 17 Dec 2018 18:33

Tgt Ion: 75 Resp: 331
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.5 55.5#
 77 0.0 25.6 38.4#

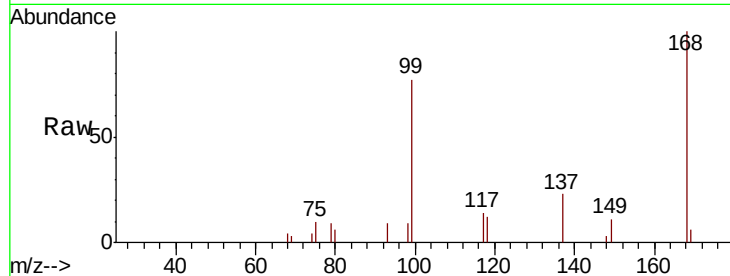




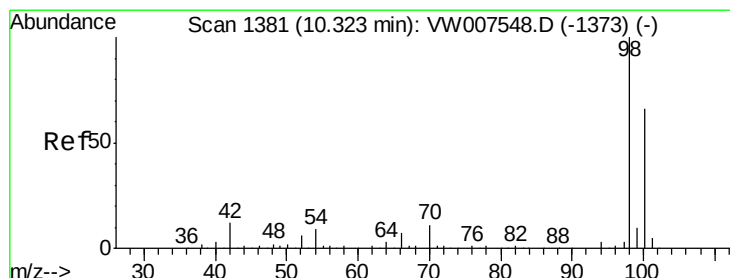
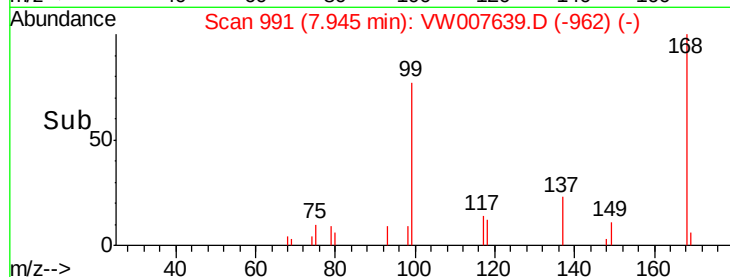
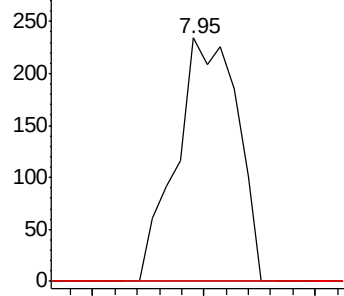
#38
Carbon Tetrachloride
Concen: 6.328 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007639.D
Acq: 17 Dec 2018 18:33

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 447
Ion Ratio Lower Upper
117 100
119 0.0 74.3 111.5#
121 0.0 24.3 36.5#

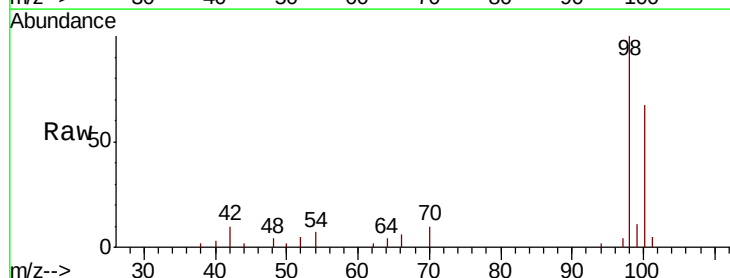


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

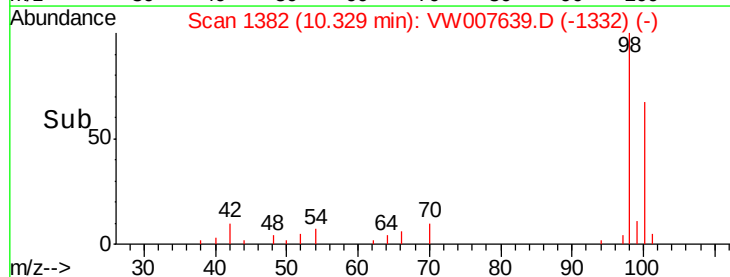
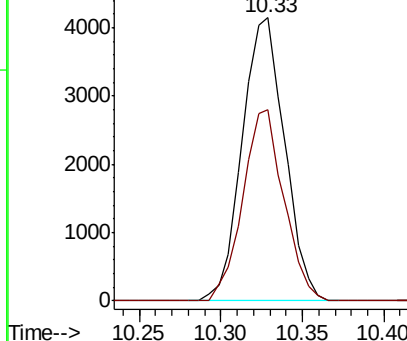


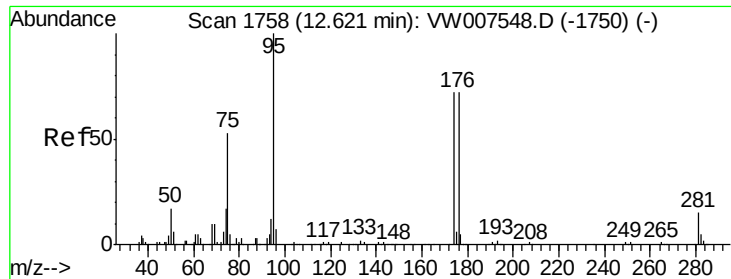
#50
Toluene-d8
Concen: 46.362 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW007639.D
Acq: 17 Dec 2018 18:33

Tgt Ion: 98 Resp: 7489
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 39.450 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007639.D

Acq: 17 Dec 2018 18:33

Instrument :

MSVOA_W

ClientSampleId :

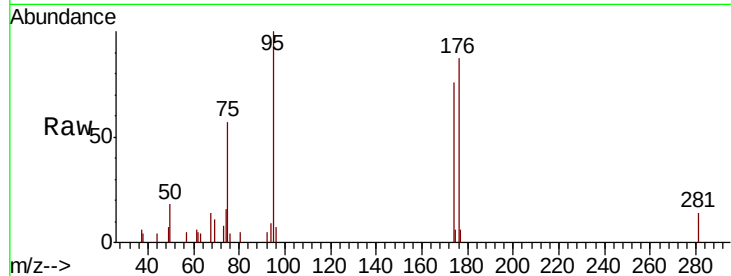
Tot Ion: 95 Resp: 2343

Ion Ratio Lower Upper

95 100

174 78.7 0.0 147.2

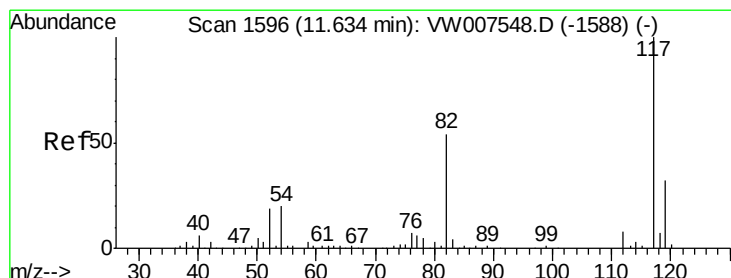
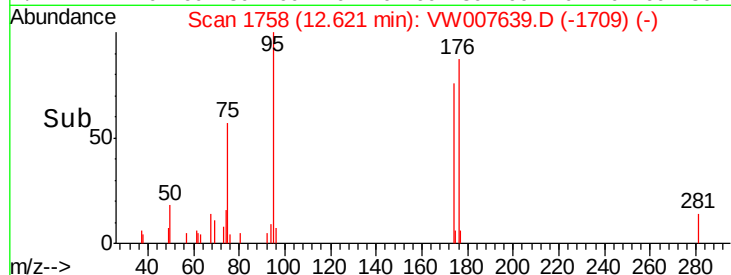
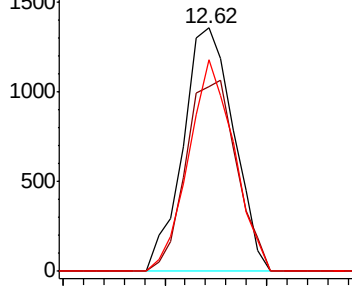
176 78.3 0.0 138.8



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: VW007639.D

Acq: 17 Dec 2018 18:33

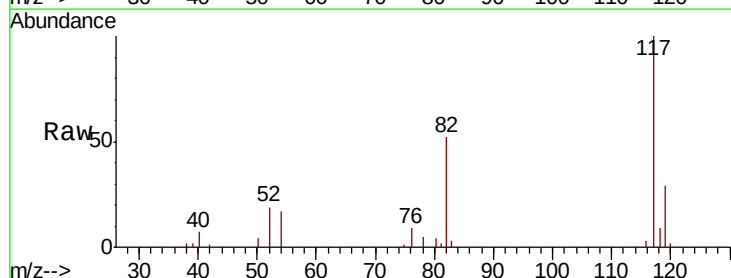
Tgt Ion: 117 Resp: 6139

Ion Ratio Lower Upper

117 100

82 52.1 42.3 63.5

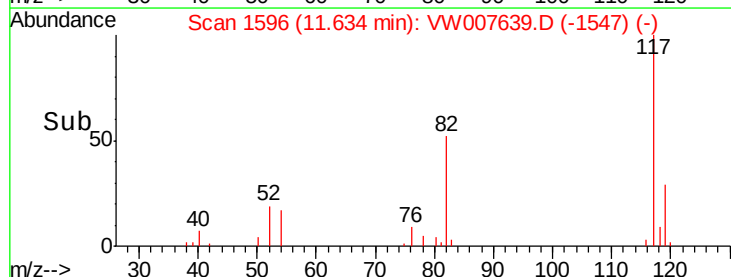
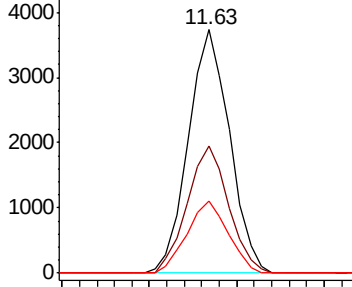
119 29.4 23.0 34.6

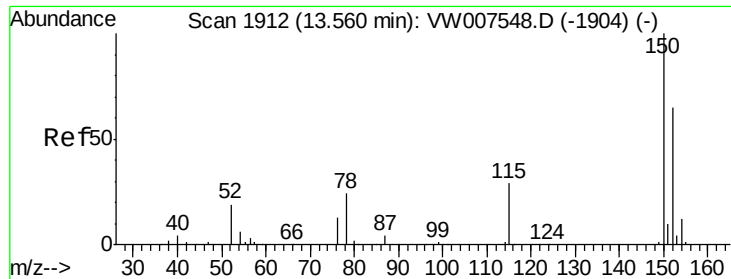


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW007639.D

Acq: 17 Dec 2018 18:33

Instrument :

MSVOA_W

ClientSampled :

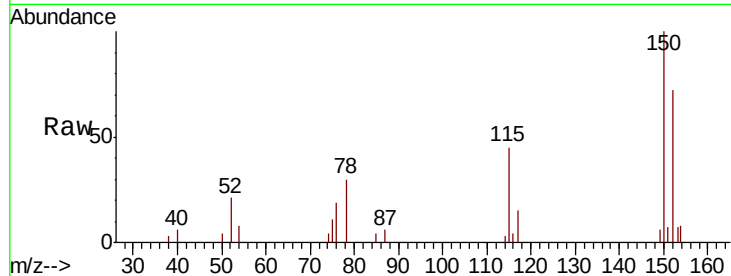
Tot Ion:152 Resp: 2297

Ion Ratio Lower Upper

152 100

115 63.0 31.4 94.2

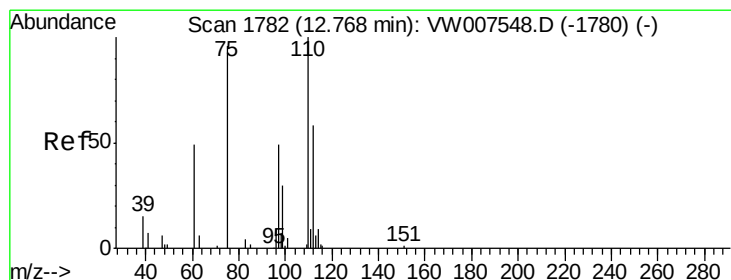
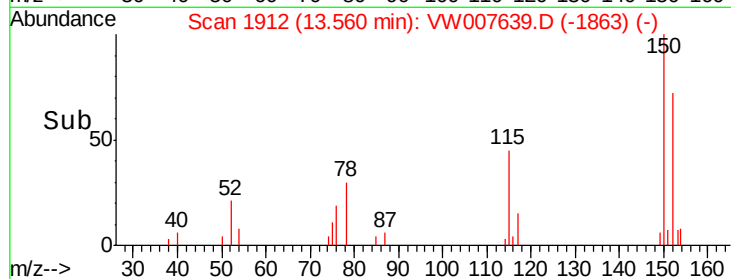
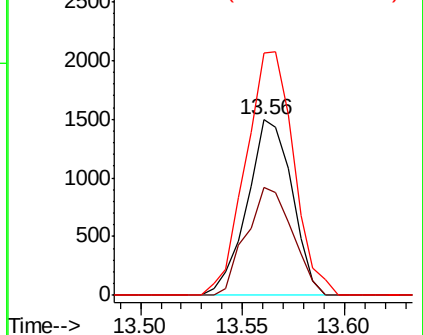
150 147.7 0.0 358.4



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: 73.392 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW007639.D

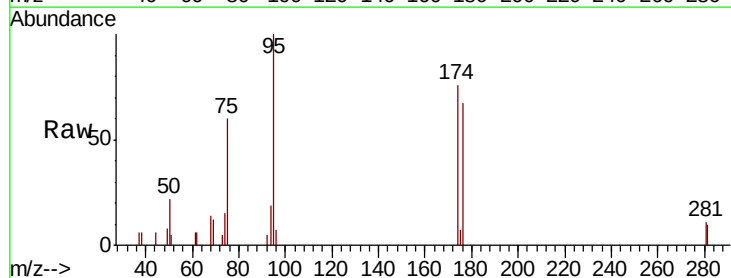
Acq: 17 Dec 2018 18:33

Tgt Ion: 75 Resp: 1390

Ion Ratio Lower Upper

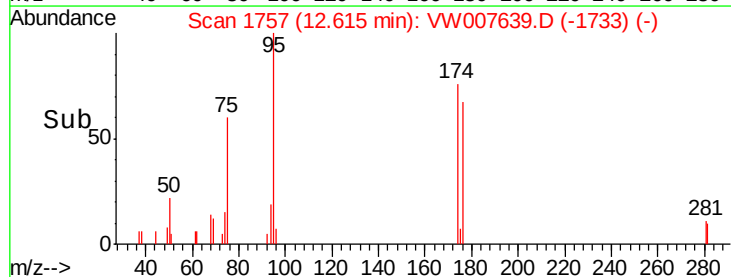
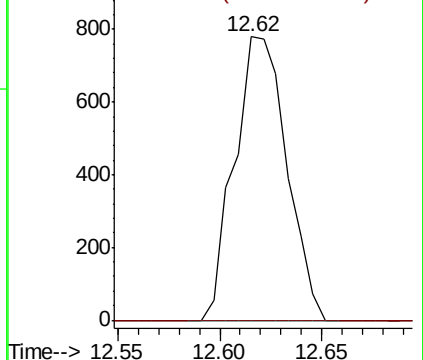
75 100

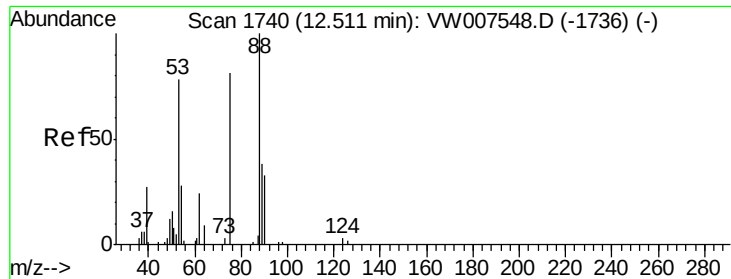
77 0.0 166.9 500.8#



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: 162.123 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW007639.D

Acq: 17 Dec 2018 18:33

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 1390

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#

