

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121918\
 Data File : VW007638.D
 Acq On : 17 Dec 2018 18:07
 Operator : SY/AP
 Sample : J6378-20RE
 Misc : 4.58G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 18 07:06:23 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	5994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	9616	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	7786	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	2924	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	2693	40.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	81.00%	
35) Dibromofluoromethane	7.89	113	2861	49.15	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.30%	
50) Toluene-d8	10.33	98	9986	45.75	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.50%	
62) 4-Bromofluorobenzene	12.62	95	3081	38.39	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	76.78%	

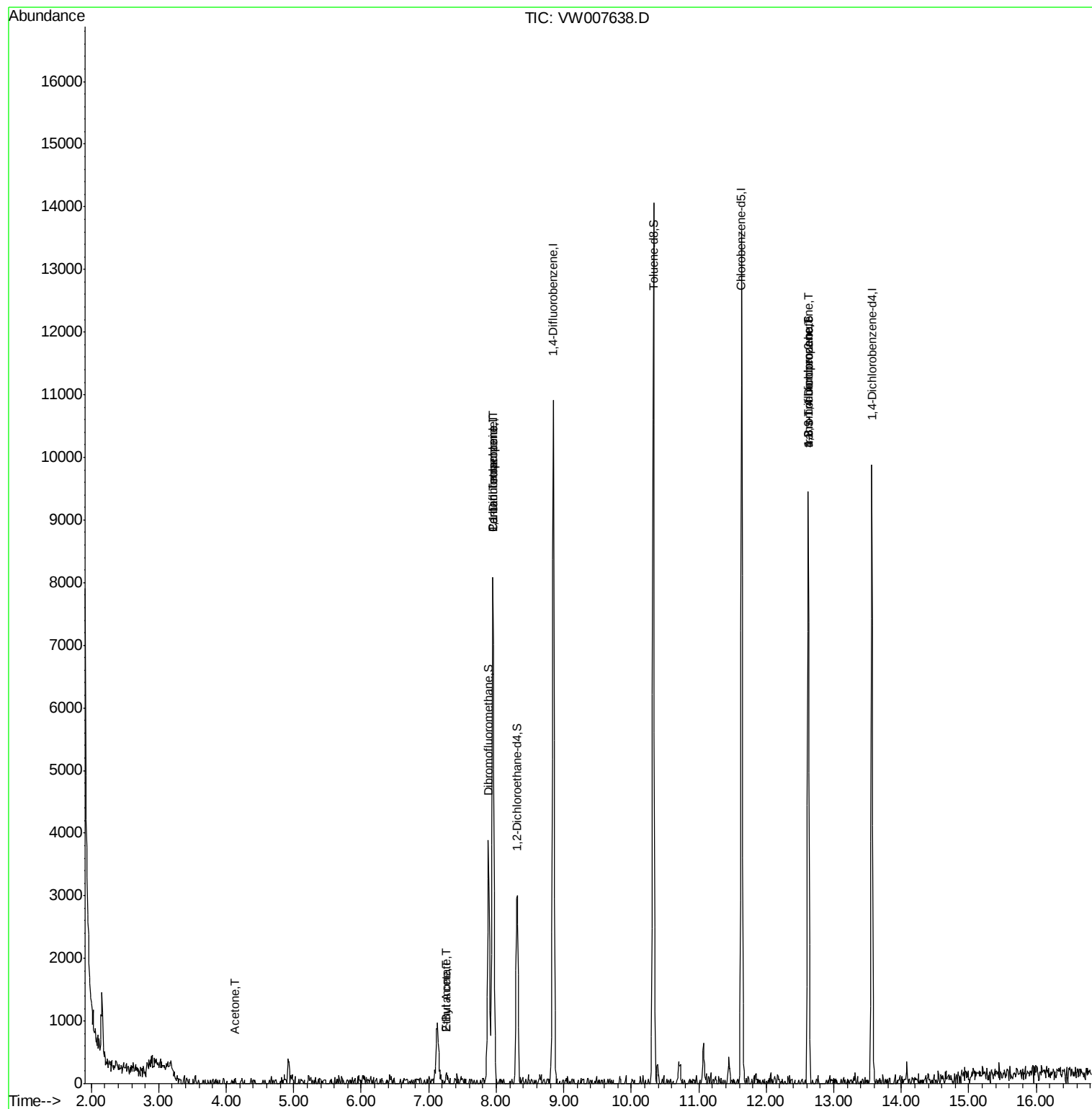
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	57	4.907	ug/l #	44
25) 2-Butanone	7.26	43	188	12.398	ug/l #	45
36) 1,1-Dichloropropene	7.95	75	521	5.939	ug/l #	40
37) Ethyl Acetate	7.26	43	188	5.762	ug/l #	66
38) Carbon Tetrachloride	7.95	117	639	6.695	ug/l #	13
76) 1,2,3-Trichloropropane	12.62	75	1672	69.351	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	1672	153.197	ug/l #	7

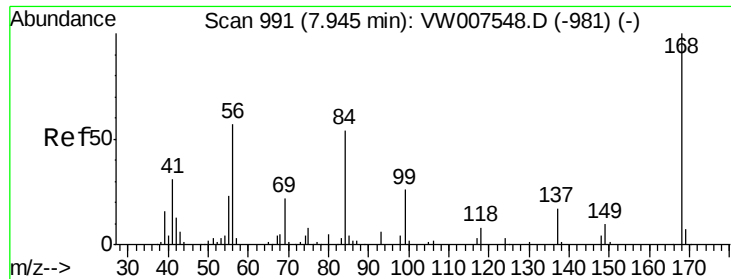
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW007638.D

Acq: 17 Dec 2018 18:07

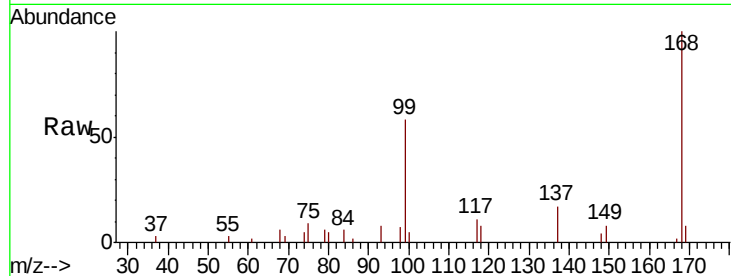
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 5994

Ion Ratio Lower Upper

168 100

99 58.1 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

3000

2500

2000

1500

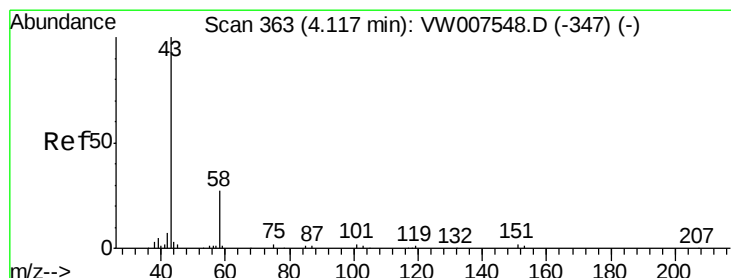
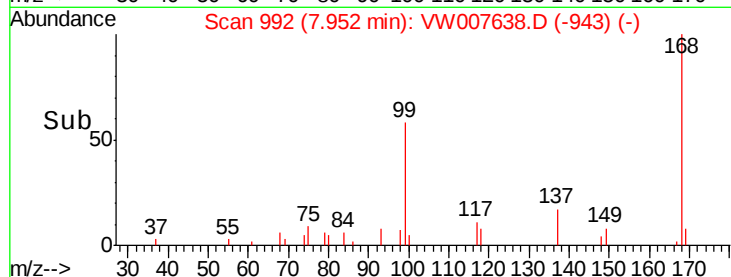
1000

500

0

Time-->

7.90 7.95 8.00



#16

Acetone

Concen: 4.907 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007638.D

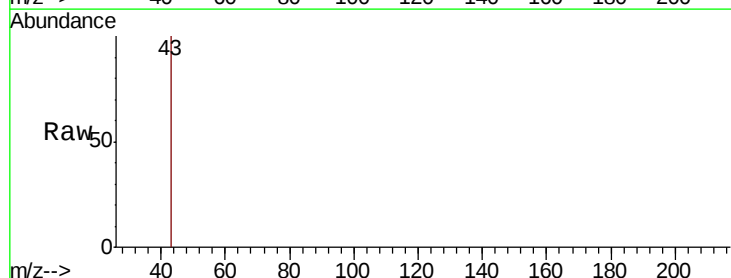
Acq: 17 Dec 2018 18:07

Tgt Ion: 43 Resp: 57

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

100

80

60

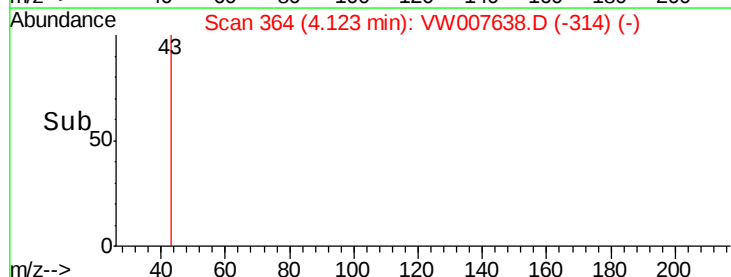
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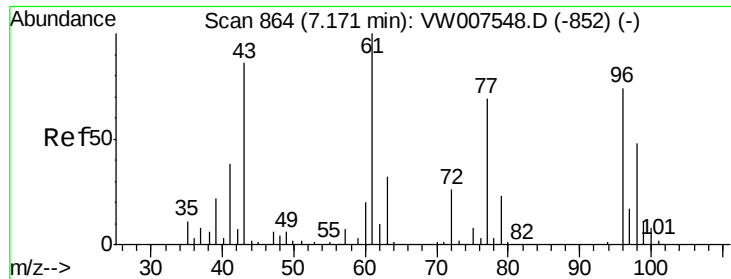
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0

Time-->

4.10 4.11 4.12 4.13

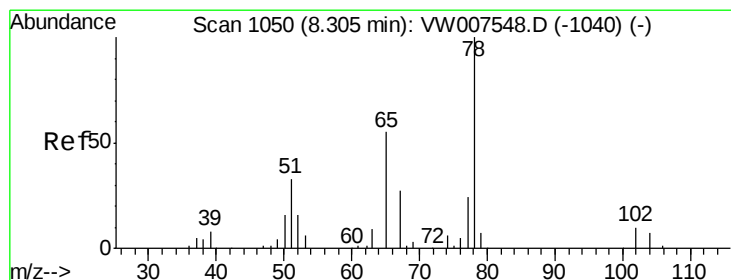
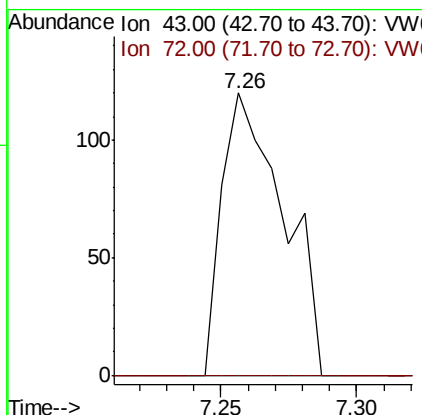
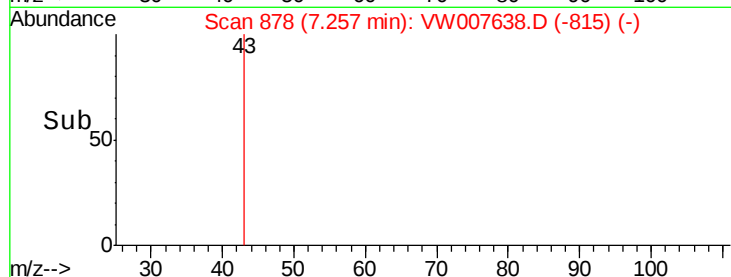
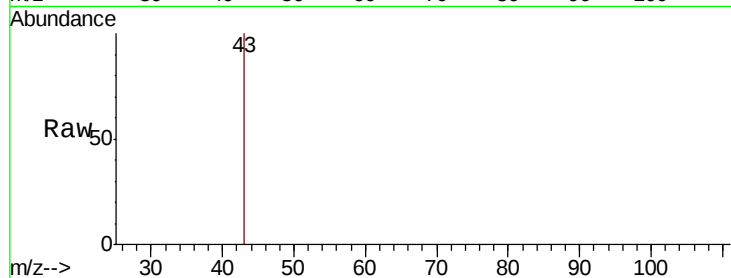




#25
 2-Butanone
 Concen: 12.398 ug/l
 RT: 7.26 min Scan# 878
 Delta R.T. 0.09 min
 Lab File: VW007638.D
 Acq: 17 Dec 2018 18:07

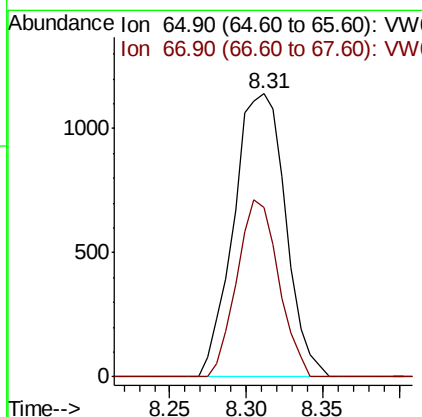
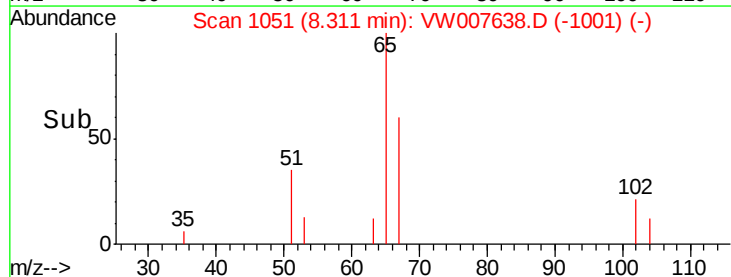
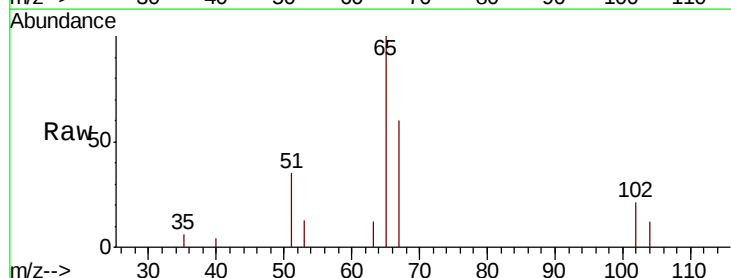
Instrument :
 MSVOA_W
 ClientSampled :

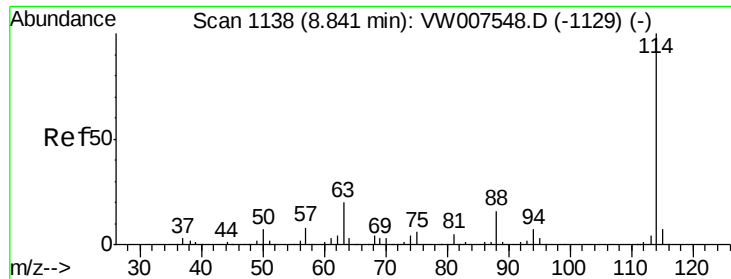
Tot Ion: 43 Resp: 188
 Ion Ratio Lower Upper
 43 100
 72 0.0 23.4 35.2#



#33
 1,2-Dichloroethane-d4
 Concen: 40.497 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VW007638.D
 Acq: 17 Dec 2018 18:07

Tgt Ion: 65 Resp: 2693
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 101.6

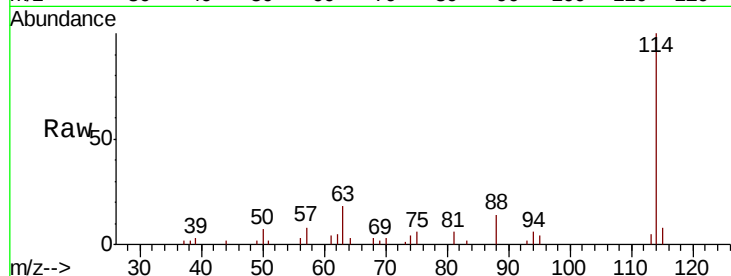




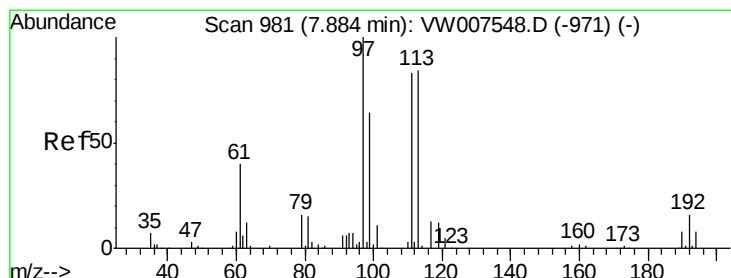
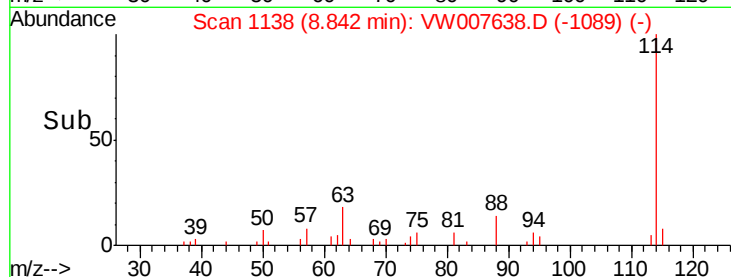
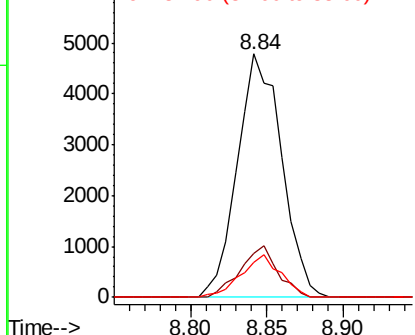
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW007638.D
Acq: 17 Dec 2018 18:07

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:114 Resp: 9616
Ion Ratio Lower Upper
114 100
63 17.8 0.0 39.6
88 14.5 0.0 31.4

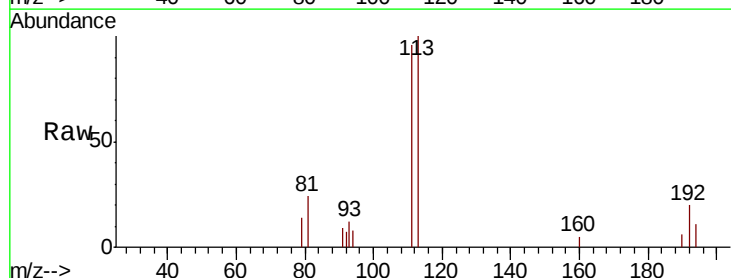


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

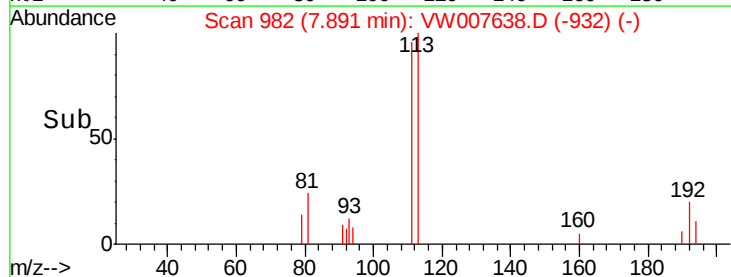
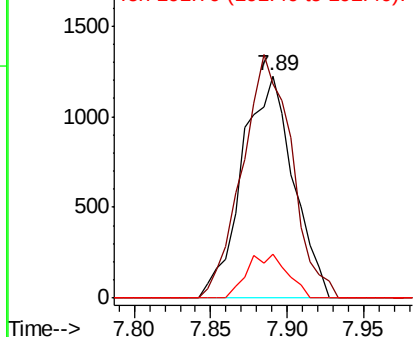


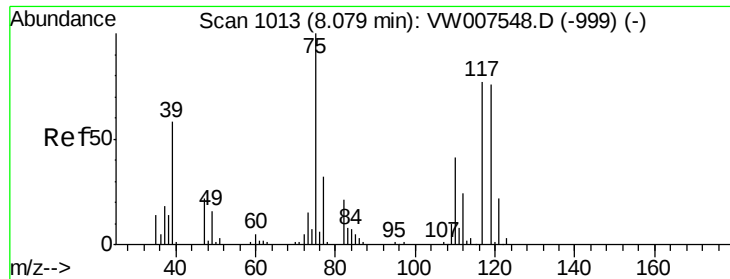
#35
Dibromofluoromethane
Concen: 49.150 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.01 min
Lab File: VW007638.D
Acq: 17 Dec 2018 18:07

Tgt Ion:113 Resp: 2861
Ion Ratio Lower Upper
113 100
111 105.1 81.1 121.7
192 15.4 14.6 21.8



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

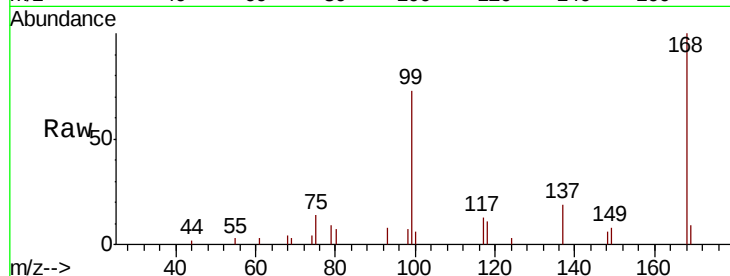




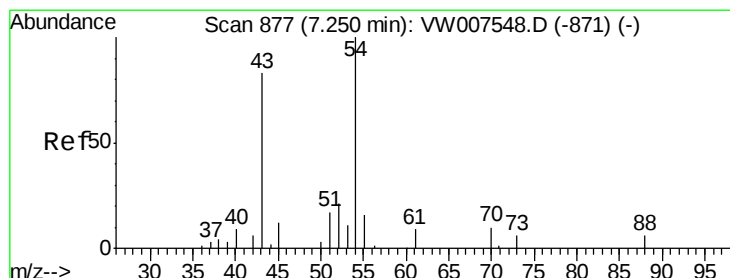
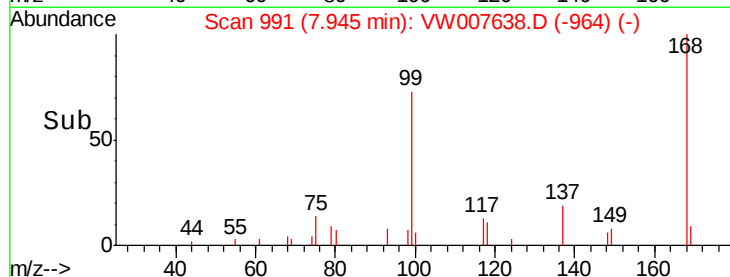
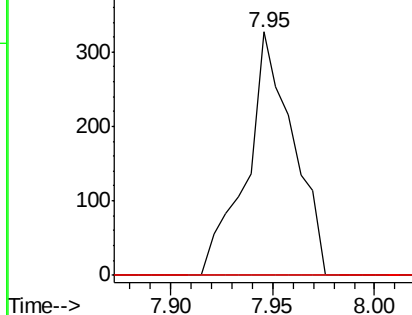
#36
 1,1-Dichloropropene
 Concen: 5.939 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007638.D
 Acq: 17 Dec 2018 18:07

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.5	55.5#
77	0.0	25.6	38.4#

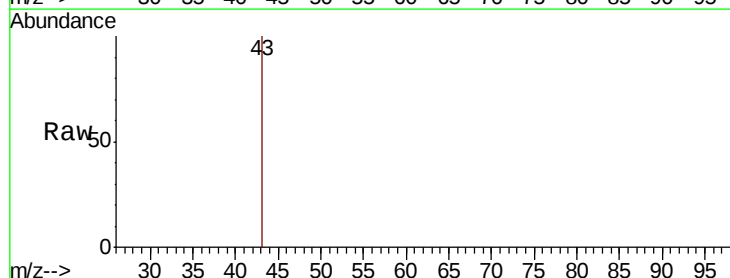


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): VW
 Ion 76.90 (76.60 to 77.60): VW

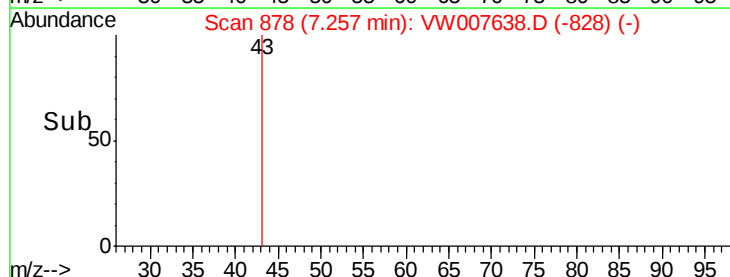
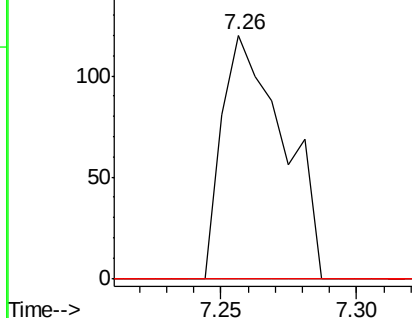


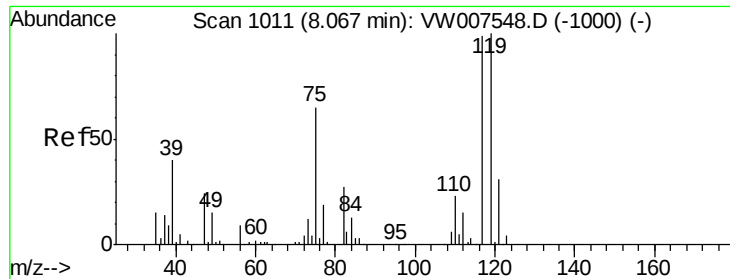
#37
 Ethyl Acetate
 Concen: 5.762 ug/l
 RT: 7.26 min Scan# 878
 Delta R.T. 0.01 min
 Lab File: VW007638.D
 Acq: 17 Dec 2018 18:07

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.1	18.1#
70	0.0	10.0	15.0#



Abundance Ion 43.00 (42.70 to 43.70): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 70.00 (69.70 to 70.70): VW

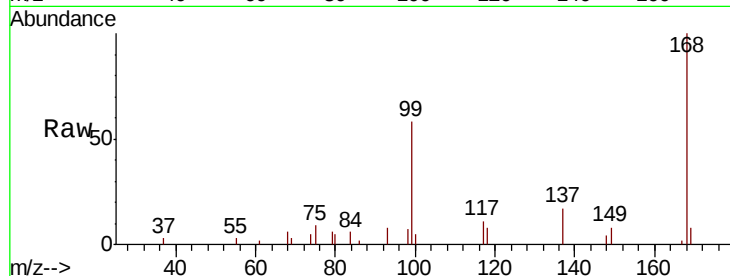




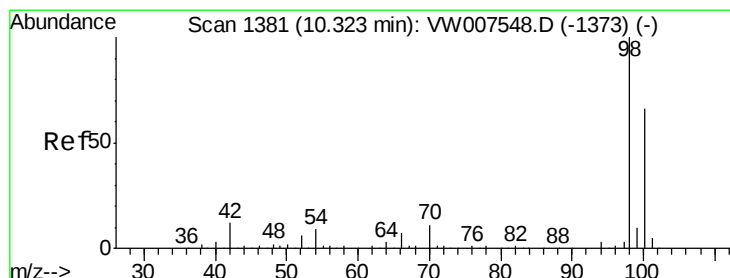
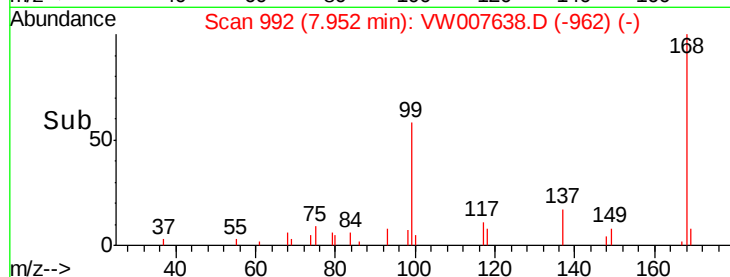
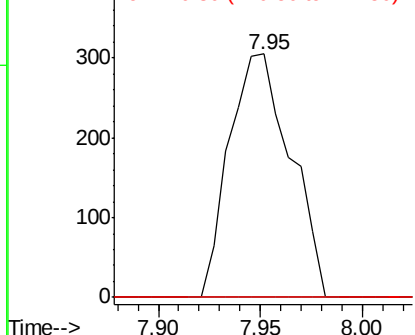
#38
Carbon Tetrachloride
Concen: 6.695 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007638.D
Acq: 17 Dec 2018 18:07

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 639
Ion Ratio Lower Upper
117 100
119 0.0 74.3 111.5#
121 0.0 24.3 36.5#

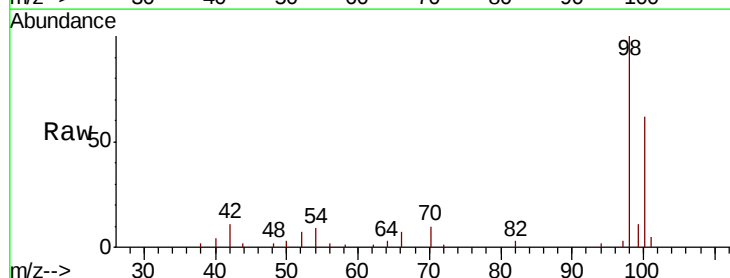


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

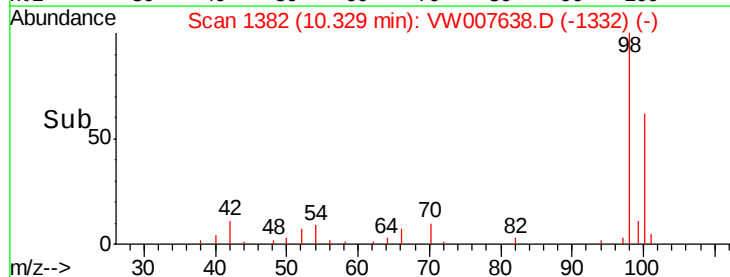
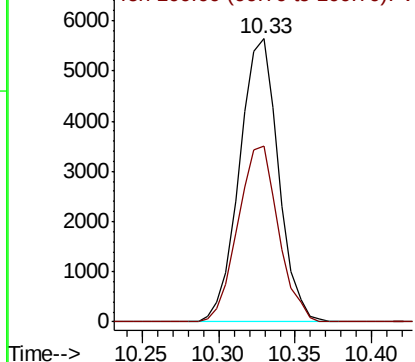


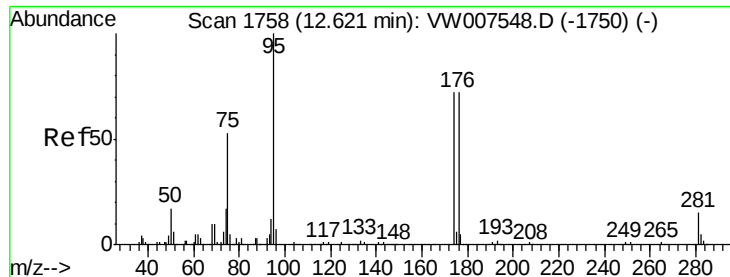
#50
Toluene-d8
Concen: 45.754 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW007638.D
Acq: 17 Dec 2018 18:07

Tgt Ion: 98 Resp: 9986
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.8



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

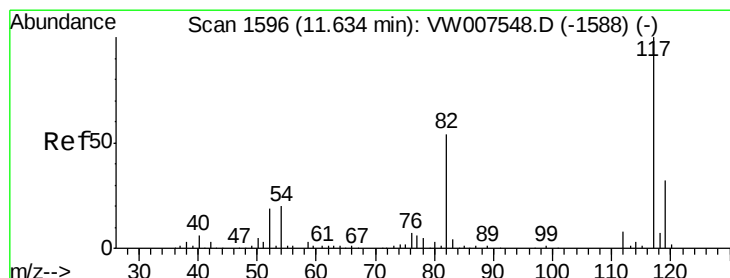
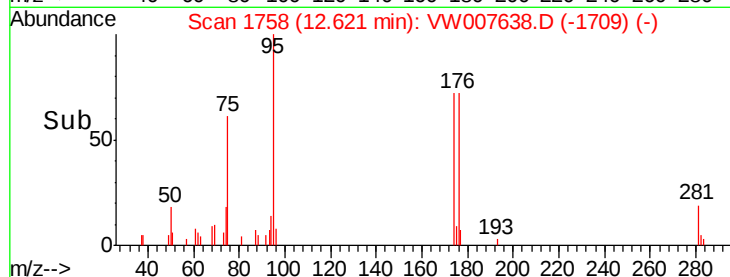
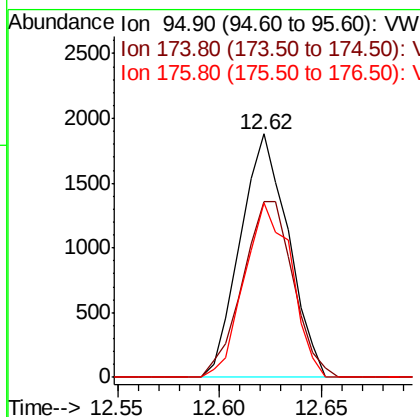
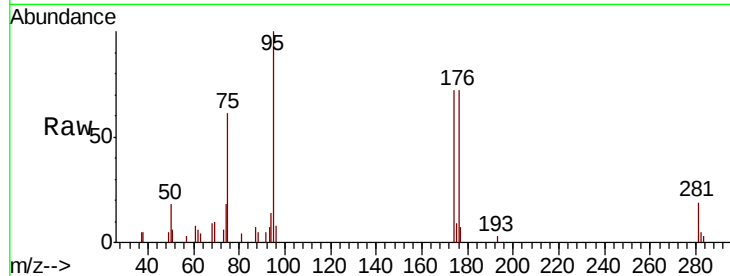




#62
4-Bromofluorobenzene
Concen: 38.394 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007638.D
Acq: 17 Dec 2018 18:07

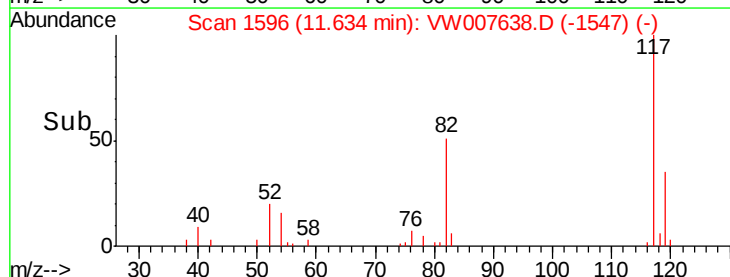
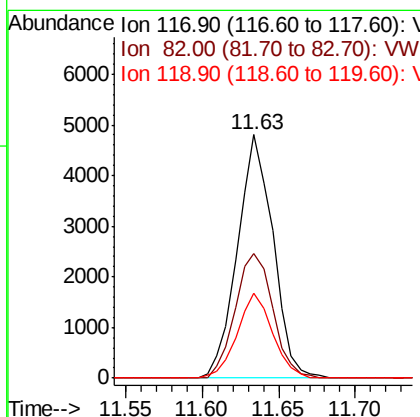
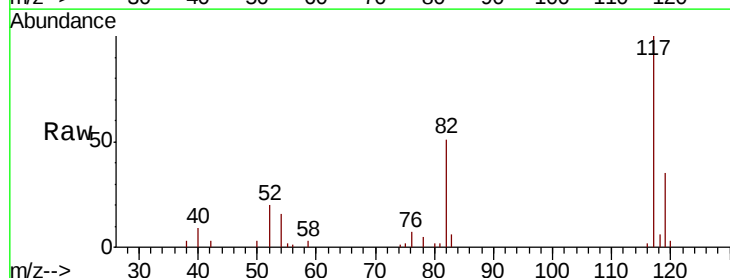
Instrument :
MSVOA_W
ClientSampleId :

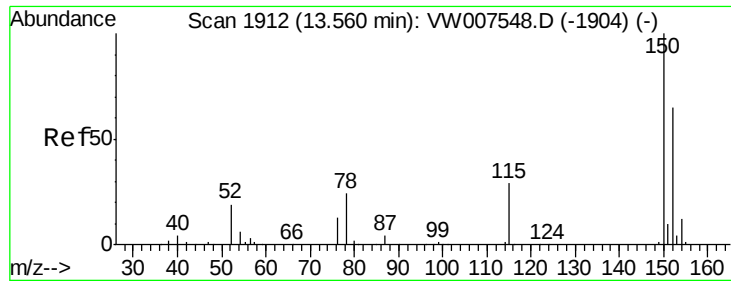
Tot Ion: 95 Resp: 3081
Ion Ratio Lower Upper
95 100
174 76.0 0.0 147.2
176 70.1 0.0 138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007638.D
Acq: 17 Dec 2018 18:07

Tgt Ion: 117 Resp: 7786
Ion Ratio Lower Upper
117 100
82 51.3 42.3 63.5
119 35.1 23.0 34.6#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007638.D

Acq: 17 Dec 2018 18:07

Instrument :

MSVOA_W

ClientSampleId :

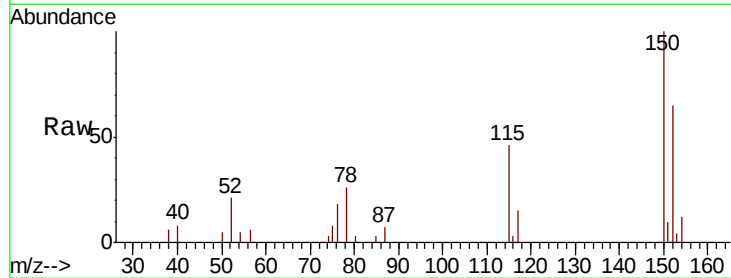
Tot Ion:152 Resp: 2924

Ion Ratio Lower Upper

152 100

115 65.8 31.4 94.2

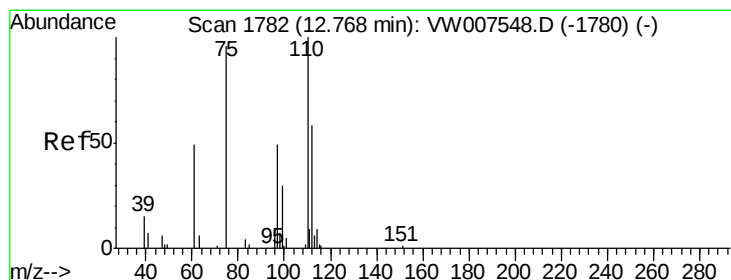
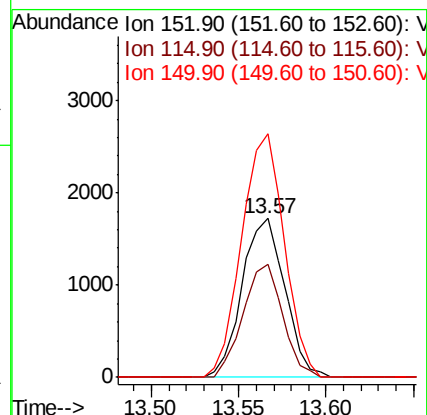
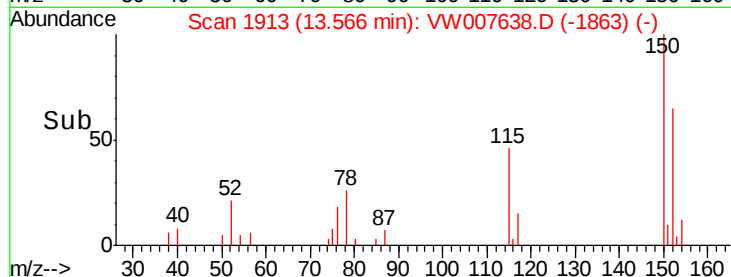
150 152.9 0.0 358.4



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: 69.351 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007638.D

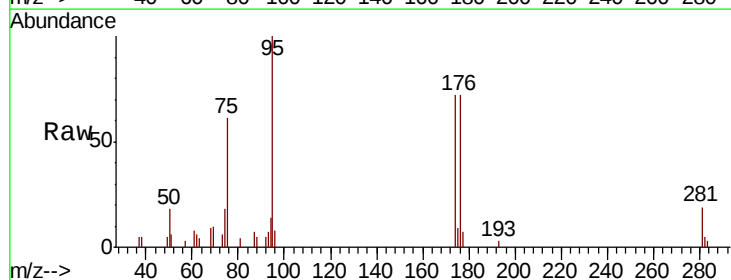
Acq: 17 Dec 2018 18:07

Tgt Ion: 75 Resp: 1672

Ion Ratio Lower Upper

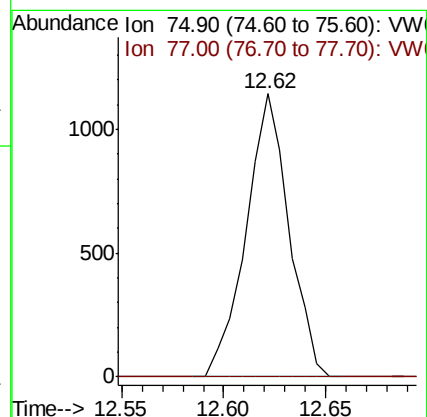
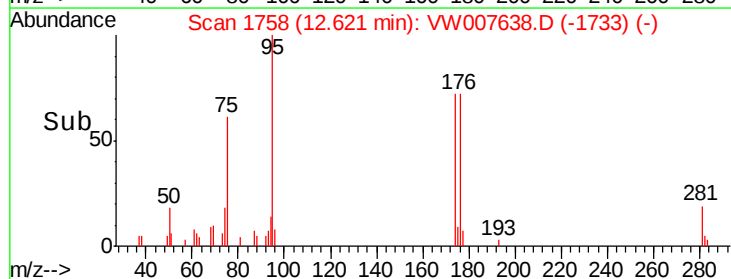
75 100

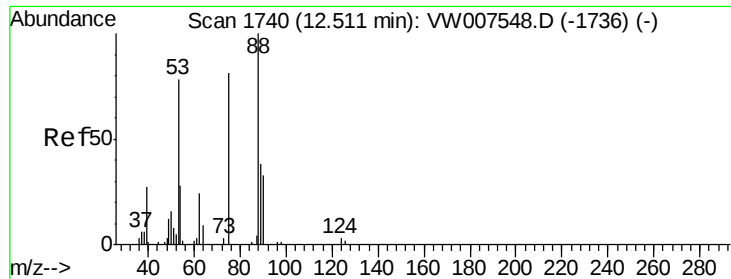
77 0.0 166.9 500.8#



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: 153.197 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW007638.D
 Acq: 17 Dec 2018 18:07

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 1672
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.9 127.3#
 89 0.0 40.3 60.5#

