

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050919\
 Data File : VW010347.D
 Acq On : 09 May 2019 20:05
 Operator : SY/VA
 Sample : K2718-05
 Misc : 4.71G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 10 02:24:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 13:55:10 2019
 Response via : Initial Calibration

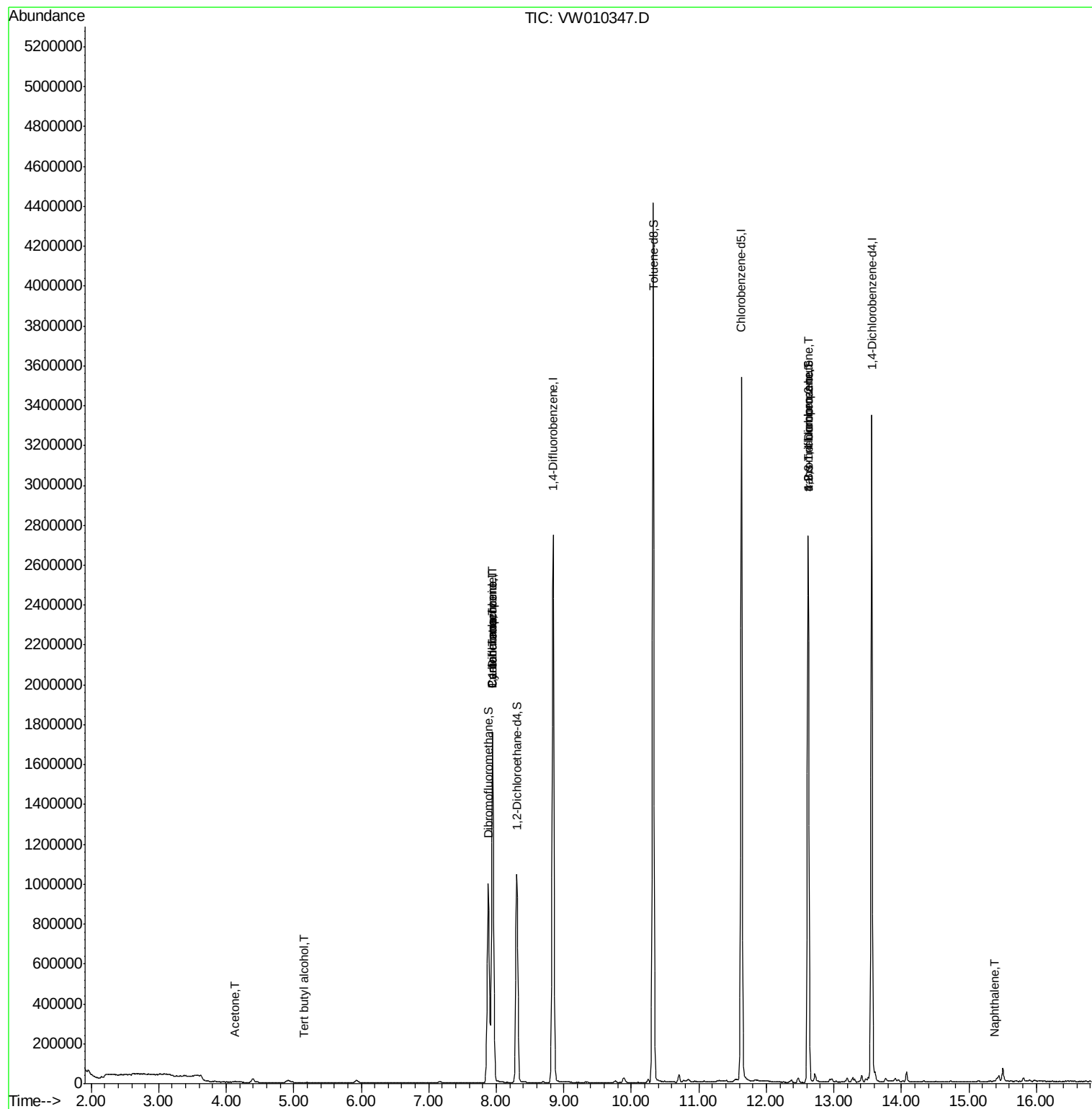
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	1265262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	2201453	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1906033	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	834020	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	818153	60.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.64%	
35) Dibromofluoromethane	7.88	113	718148	55.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.50%	
50) Toluene-d8	10.32	98	2810343	53.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.14%	
62) 4-Bromofluorobenzene	12.62	95	882986	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.15	59	958	1.008	ug/l #	71
16) Acetone	4.13	43	10857	3.096	ug/l	97
31) Cyclohexane	7.95	56	30078	1.092	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	106575	4.465	ug/l #	50
38) Carbon Tetrachloride	7.95	117	125490	6.133	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	453671	46.655	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	453671	105.361	ug/l #	5
95) Naphthalene	15.38	128	2680	3.660	ug/l #	94

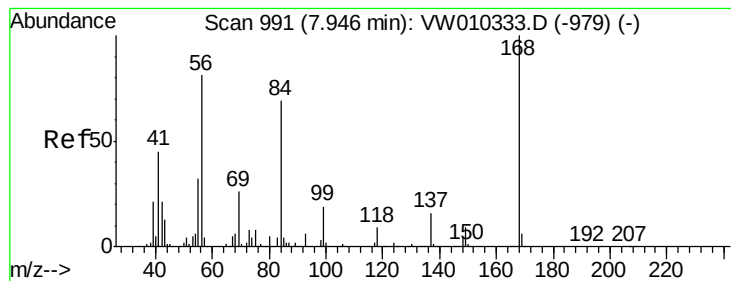
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010347.D

Acq: 09 May 2019 20:05

Instrument :

MSVOA_W

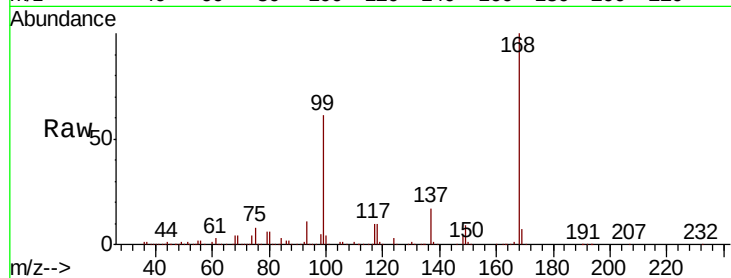
ClientSampled :

Tot Ion:168 Resp: 1265262

Ion Ratio Lower Upper

168 100

99 60.7 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

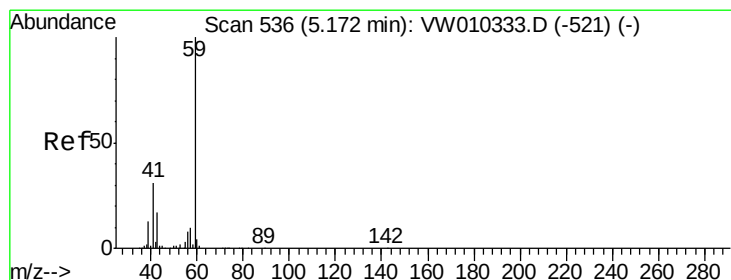
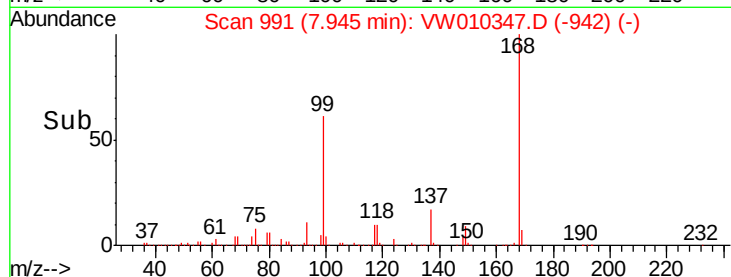
600000

400000

200000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.008 ug/l

RT: 5.15 min Scan# 533

Delta R.T. -0.02 min

Lab File: VW010347.D

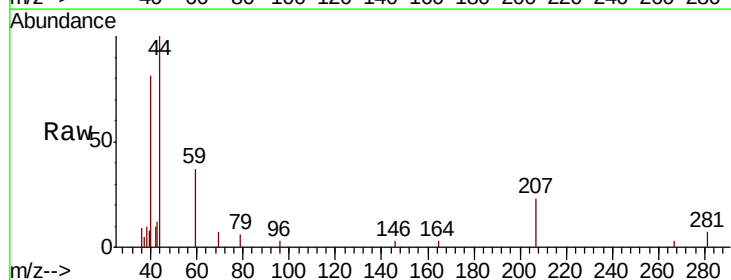
Acq: 09 May 2019 20:05

Tgt Ion: 59 Resp: 958

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.15

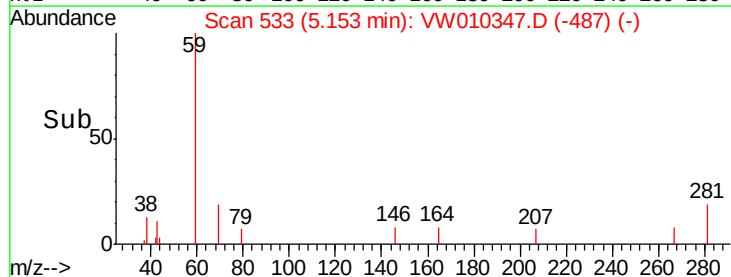
600

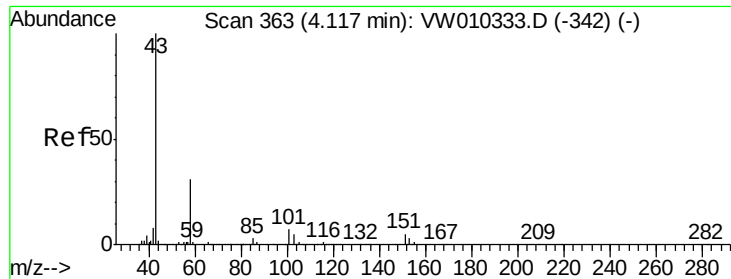
400

200

0

Time-->

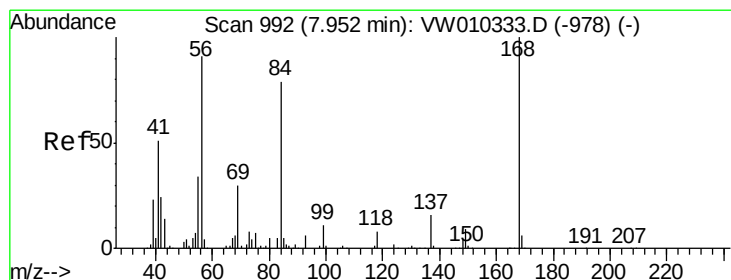
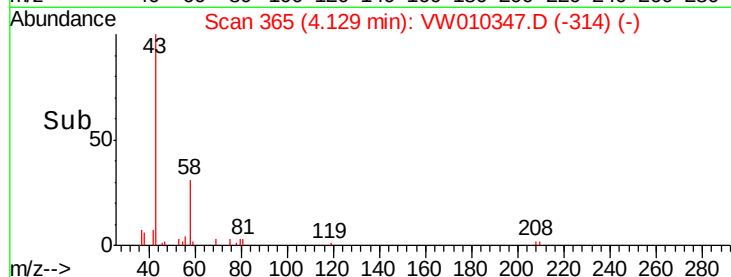
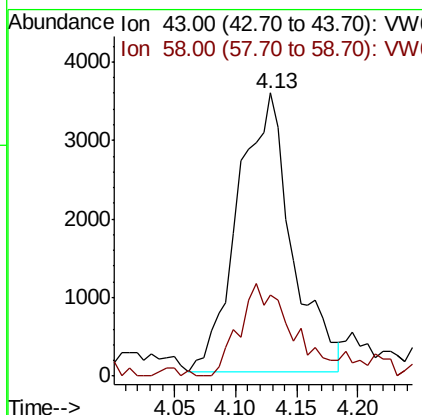
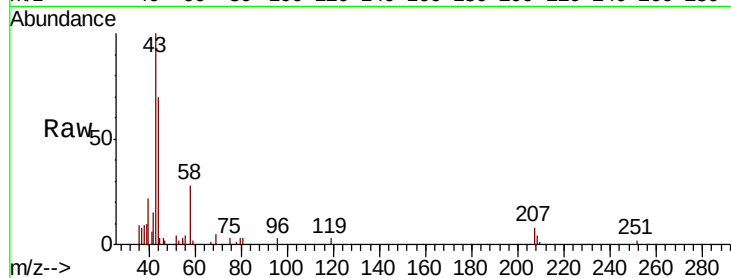




#16
Acetone
Concen: 3.096 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW010347.D
Acq: 09 May 2019 20:05

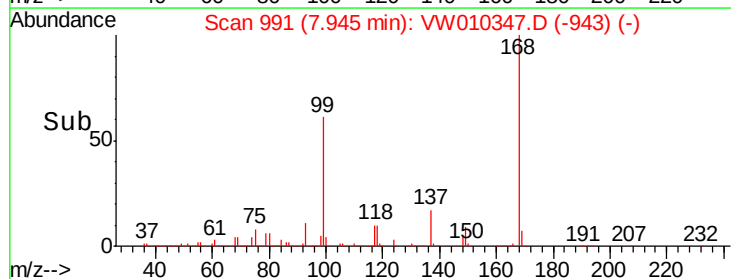
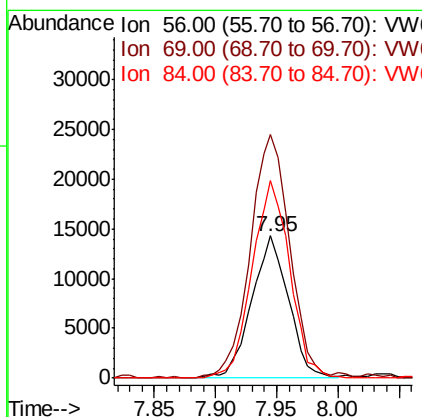
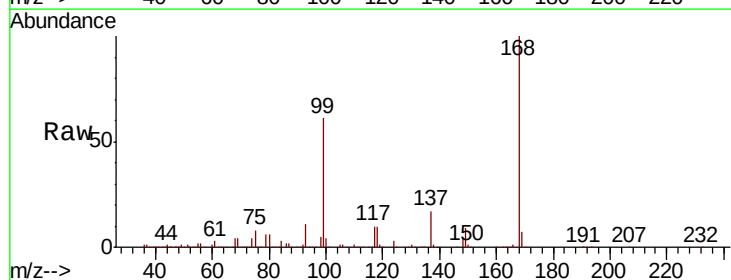
Instrument :
MSVOA_W
ClientSampled :

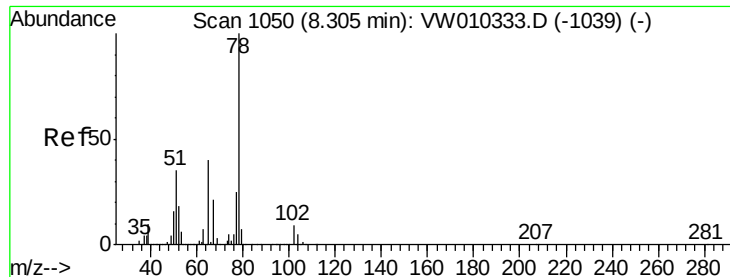
Tot Ion: 43 Resp: 10857
Ion Ratio Lower Upper
43 100
58 26.8 22.7 34.1



#31
Cyclohexane
Concen: 1.092 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW010347.D
Acq: 09 May 2019 20:05

Tgt Ion: 56 Resp: 30078
Ion Ratio Lower Upper
56 100
69 170.5 26.6 40.0#
84 138.4 66.2 99.2#

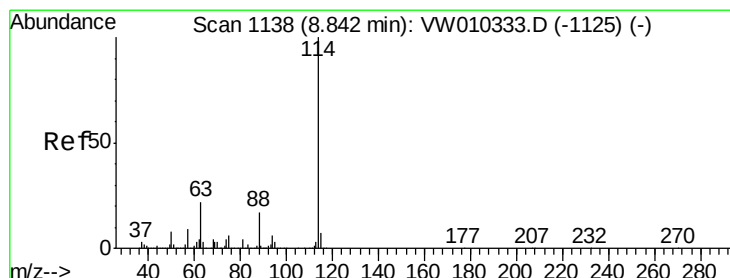
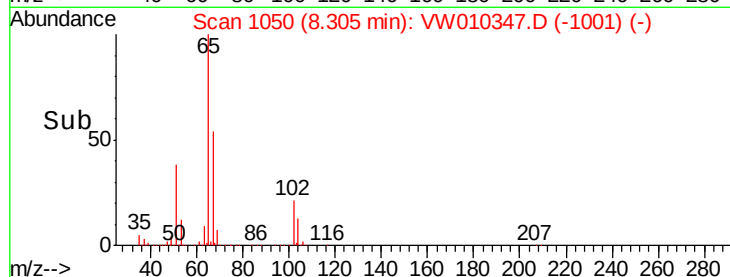
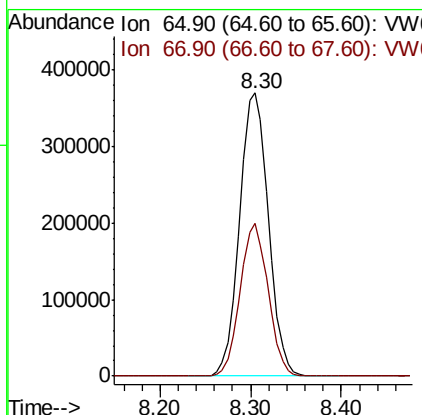
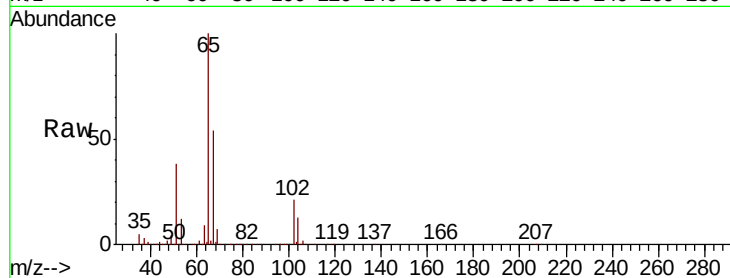




#33
 1,2-Dichloroethane-d4
 Concen: 60.823 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010347.D
 Acq: 09 May 2019 20:05

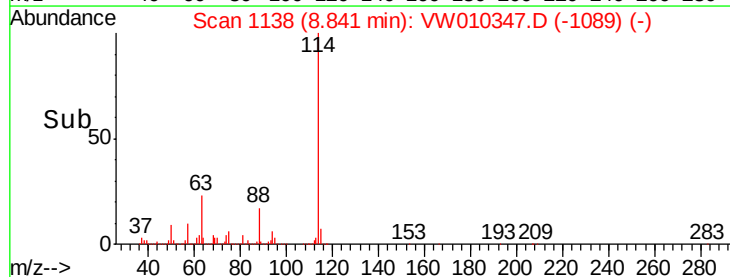
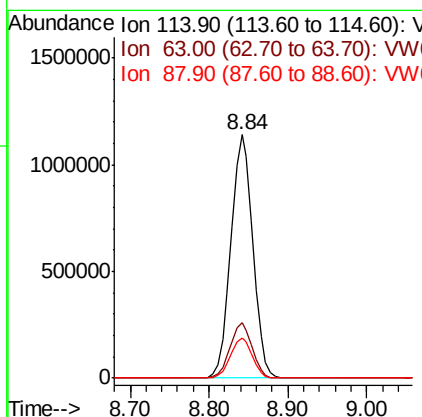
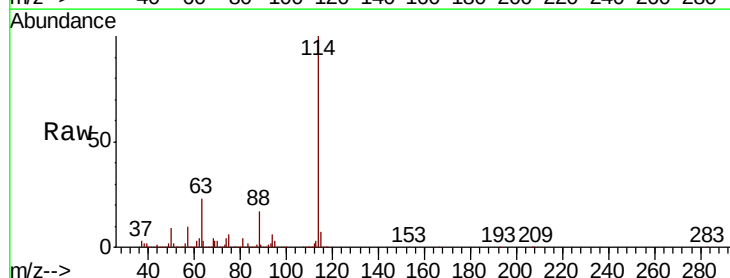
Instrument :
 MSVOA_W
 ClientSampleId :

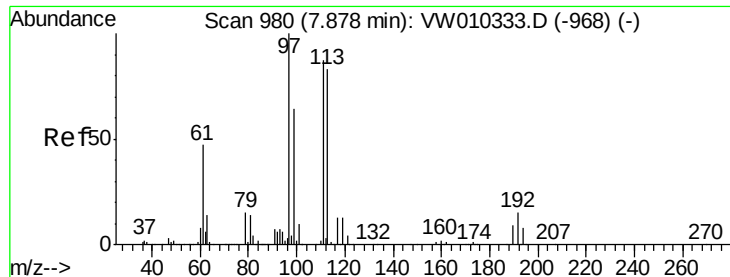
Tot Ion: 65 Resp: 818153
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010347.D
 Acq: 09 May 2019 20:05

Tgt Ion: 114 Resp: 2201453
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 46.2
 88 16.7 0.0 32.6

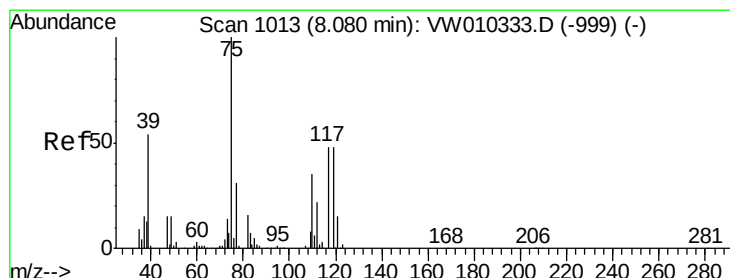
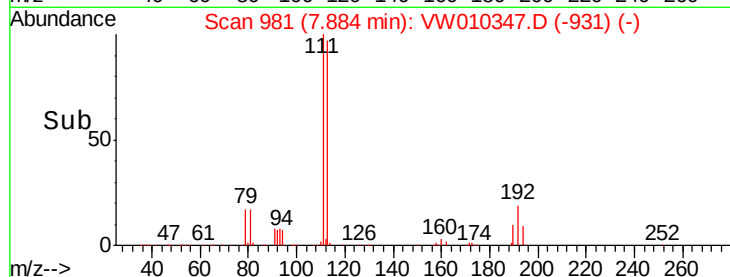
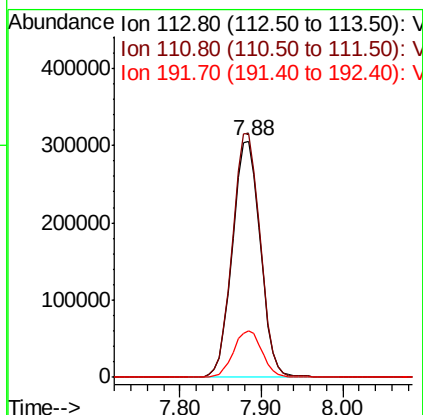
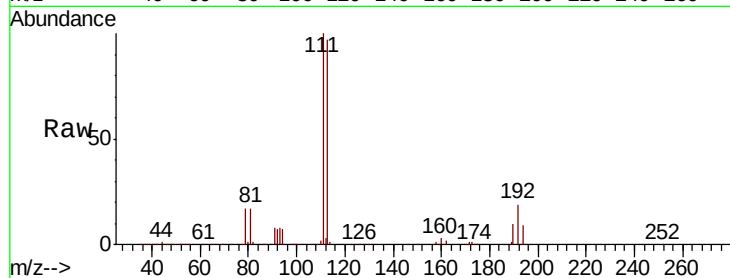




#35
 Dibromofluoromethane
 Concen: 55.745 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW010347.D
 Acq: 09 May 2019 20:05

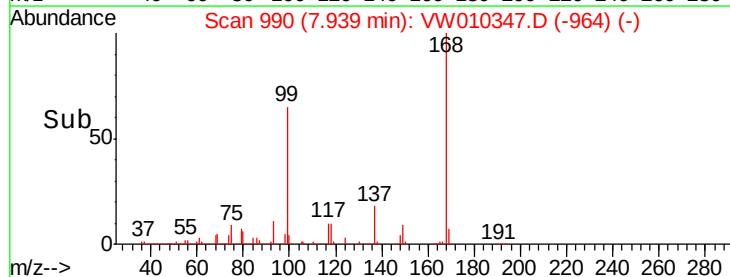
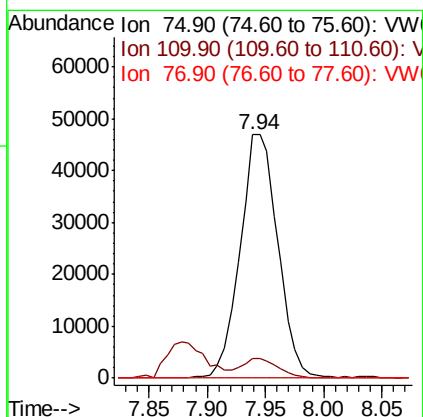
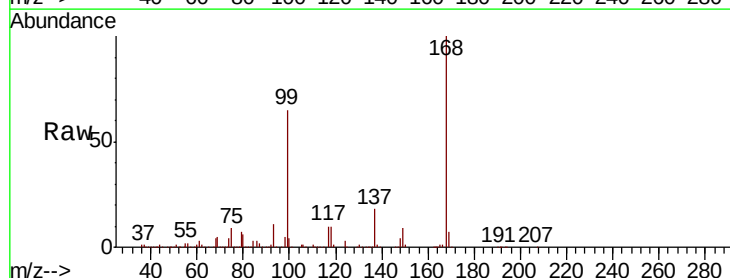
Instrument :
 MSVOA_W
 ClientSampleId :

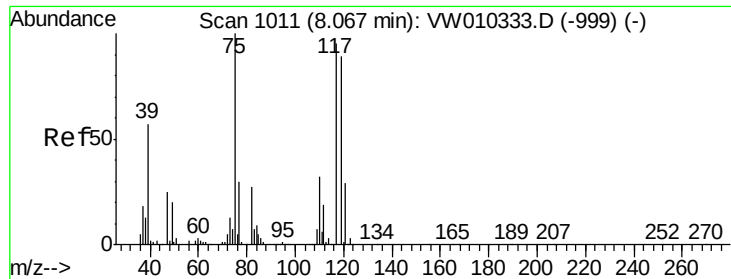
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	123.8
192	20.0	15.4	23.2



#36
 1,1-Dichloropropene
 Concen: 4.465 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW010347.D
 Acq: 09 May 2019 20:05

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.6	16.6	49.8#
77	0.1	24.8	37.2#

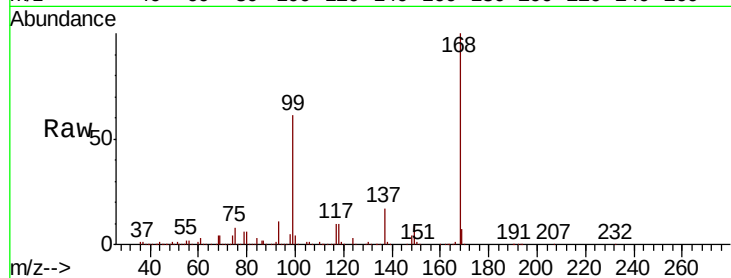




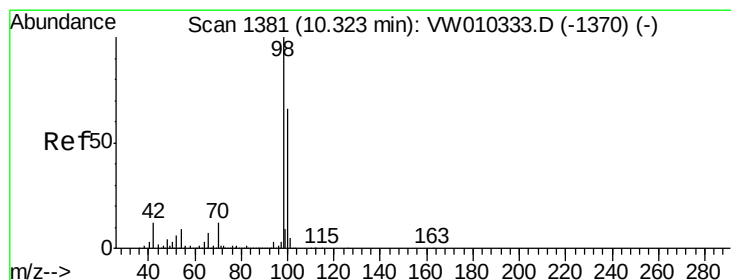
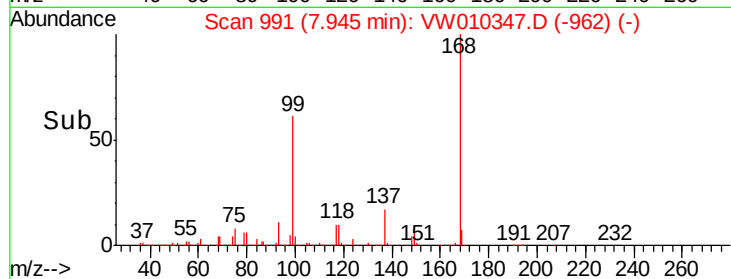
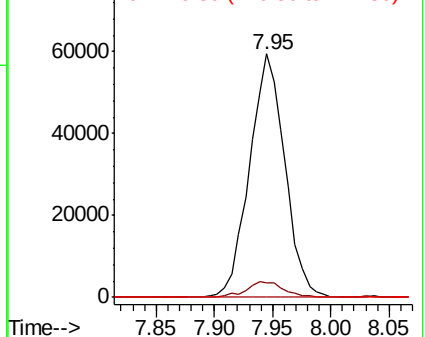
#38
Carbon Tetrachloride
Concen: 6.133 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW010347.D
Acq: 09 May 2019 20:05

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 125490
Ion Ratio Lower Upper
117 100
119 5.8 75.3 112.9#
121 0.0 24.4 36.6#

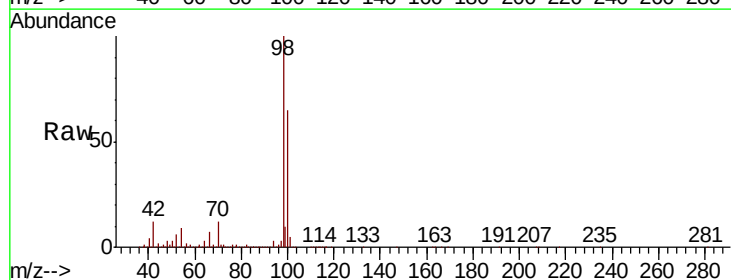


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

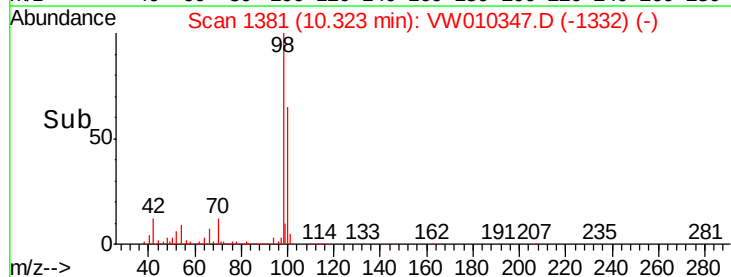
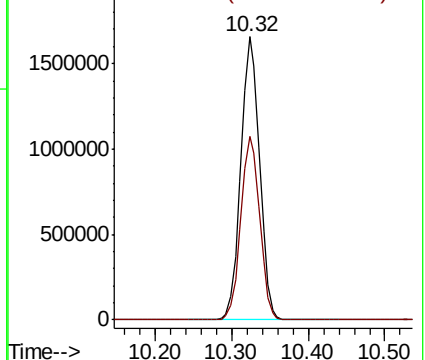


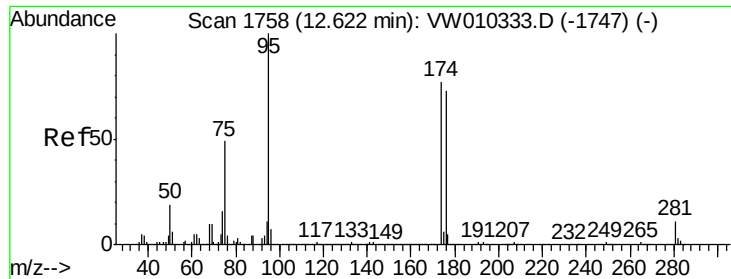
#50
Toluene-d8
Concen: 53.573 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010347.D
Acq: 09 May 2019 20:05

Tgt Ion: 98 Resp: 2810343
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5



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





#62

4-Bromofluorobenzene

Concen: 47.818 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010347.D

Acq: 09 May 2019 20:05

Instrument :

MSVOA_W

ClientSampleId :

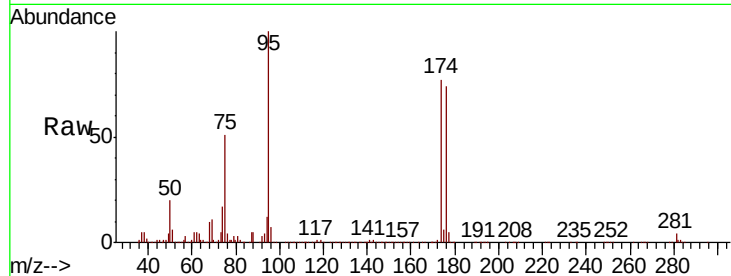
Tot Ion: 95 Resp: 882986

Ion Ratio Lower Upper

95 100

174 77.2 0.0 151.4

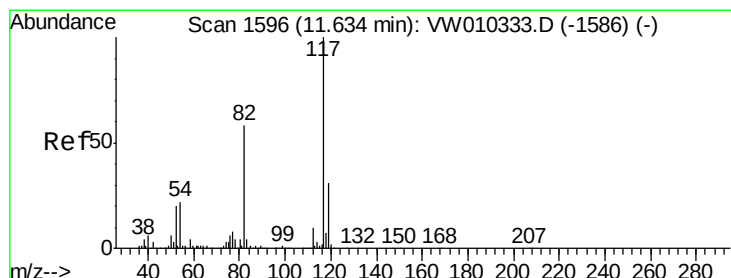
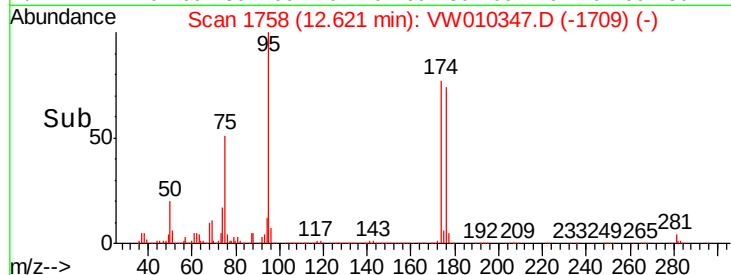
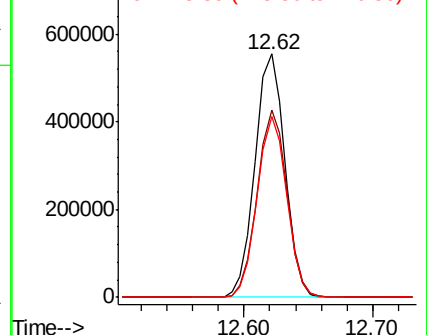
176 74.0 0.0 146.2



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: VW010347.D

Acq: 09 May 2019 20:05

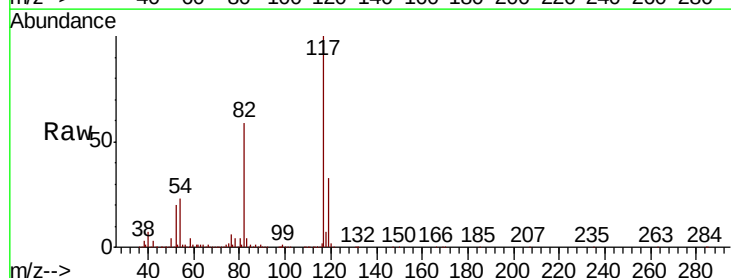
Tgt Ion: 117 Resp: 1906033

Ion Ratio Lower Upper

117 100

82 58.8 45.2 67.8

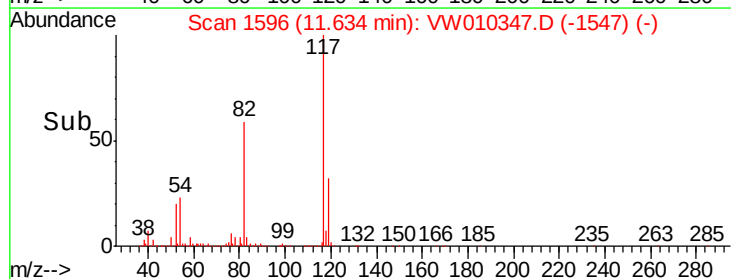
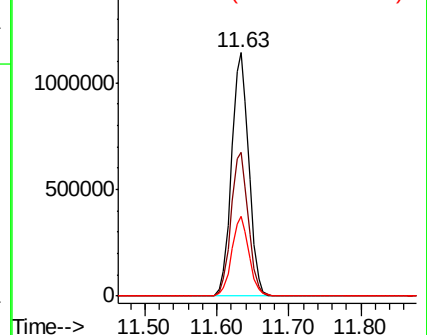
119 32.5 25.4 38.2

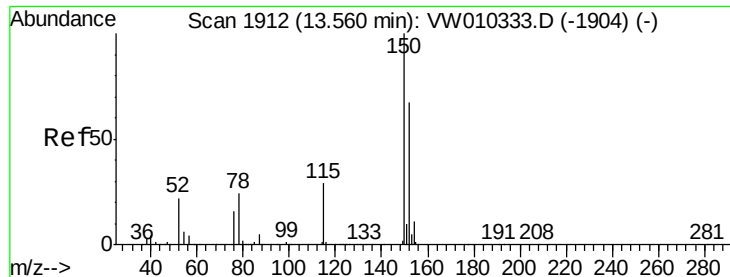


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

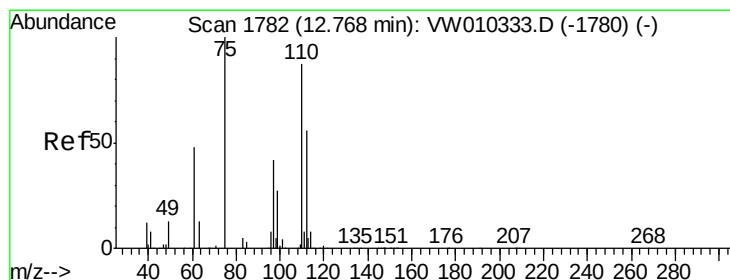
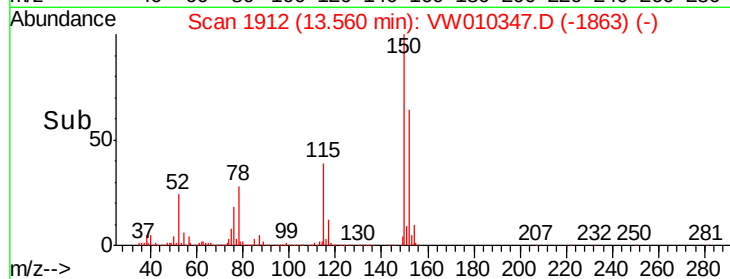
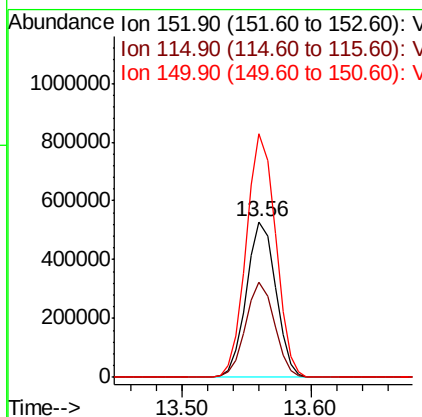
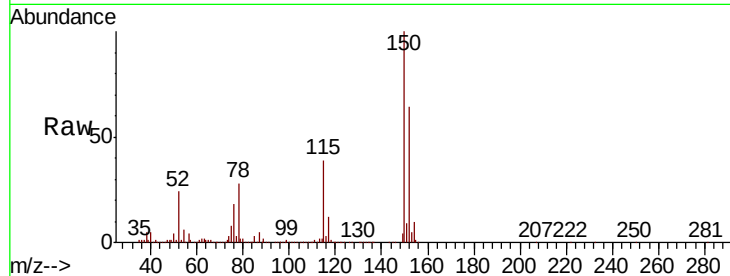




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW010347.D
 Acq: 09 May 2019 20:05

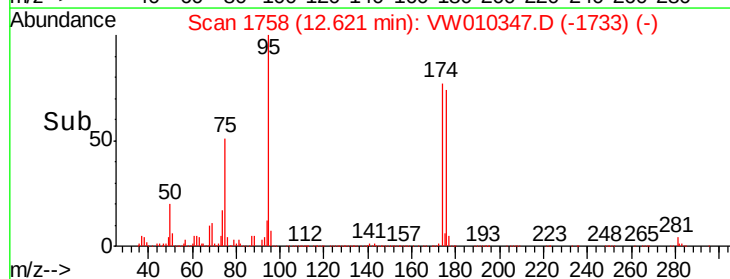
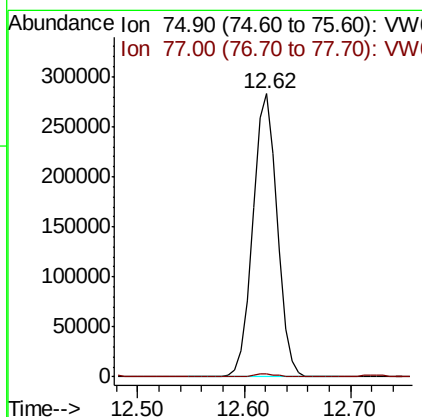
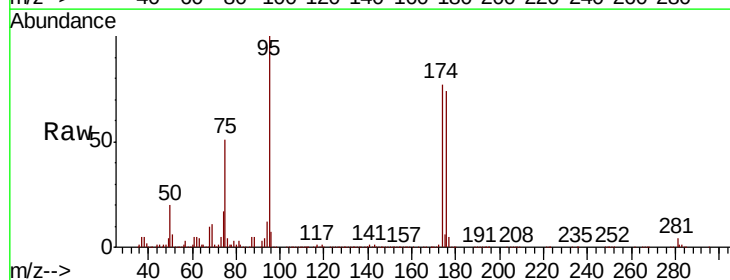
Instrument :
 MSVOA_W
 ClientSampled :

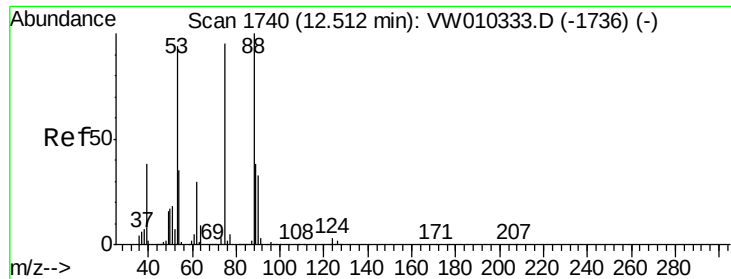
Tot Ion:152 Resp: 834020
 Ion Ratio Lower Upper
 152 100
 115 60.2 30.4 91.2
 150 156.7 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 46.655 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW010347.D
 Acq: 09 May 2019 20:05

Tgt Ion: 75 Resp: 453671
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

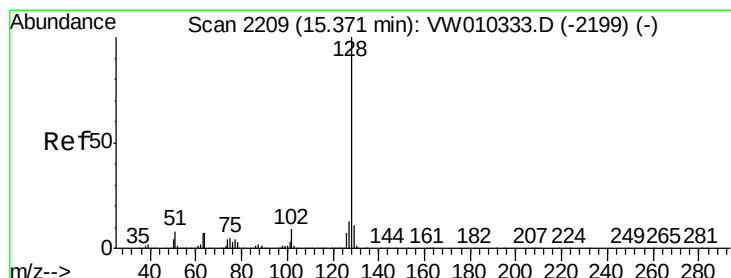
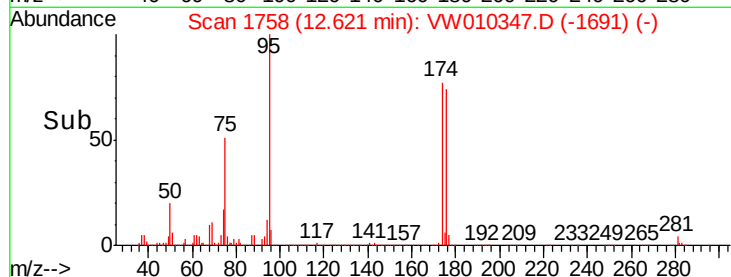
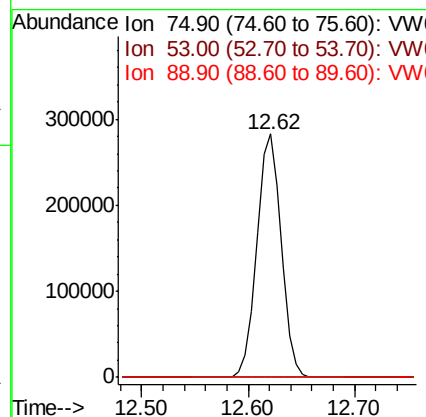
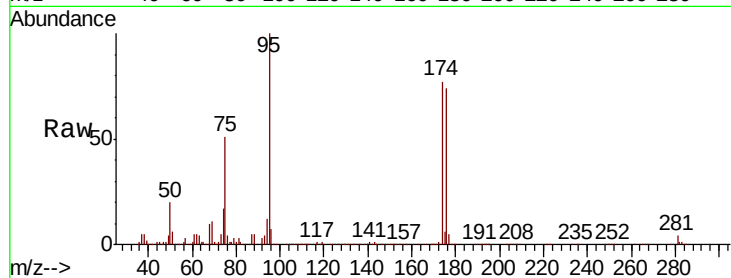




#81
trans-1,4-Dichloro-2-butene
Concen: 105.361 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.11 min
Lab File: VW010347.D
Acq: 09 May 2019 20:05

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 75 Resp: 453671
Ion Ratio Lower Upper
75 100
53 0.3 89.8 134.8#
89 0.0 36.6 54.8#



#95
Naphthalene
Concen: 3.660 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW010347.D
Acq: 09 May 2019 20:05

Tgt Ion: 128 Resp: 2680
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 6.4 8.7 13.1#

