

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050919\
 Data File : VW010337.D
 Acq On : 09 May 2019 15:11
 Operator : SY/VA
 Sample : VW0509SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 10 02:21:21 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	7.94	168	1252260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	2051968	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1712719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	695365	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	757592	56.91	ug/l	0.00
Spiked Amount			Recovery	=	113.82%	
35) Dibromofluoromethane	7.88	113	654661	54.52	ug/l	0.00
Spiked Amount			Recovery	=	109.04%	
50) Toluene-d8	10.32	98	2641885	54.03	ug/l	0.00
Spiked Amount			Recovery	=	108.06%	
62) 4-Bromofluorobenzene	12.62	95	782210	45.45	ug/l	0.00
Spiked Amount			Recovery	=	90.90%	

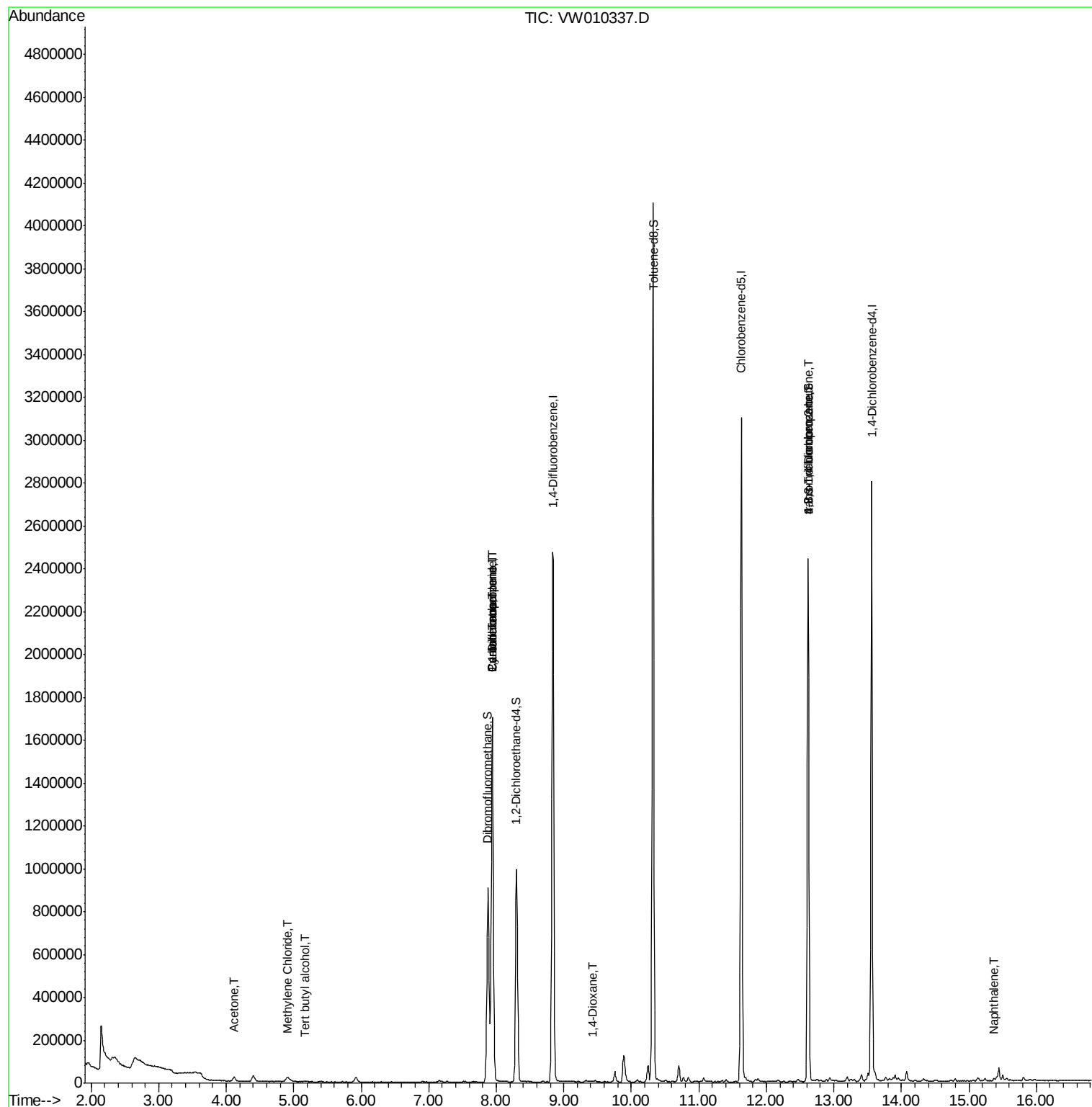
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	3120	3.318	ug/l #	82
16) Acetone	4.12	43	18926	5.453	ug/l	98
20) Methylene Chloride	4.91	84	17792	1.229	ug/l #	80
31) Cyclohexane	7.95	56	28752	1.054	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	103145	4.636	ug/l #	50
38) Carbon Tetrachloride	7.94	117	124186	6.511	ug/l #	18
49) 1,4-Dioxane	9.43	88	235	1.722	ug/l #	19
76) 1,2,3-Trichloropropane	12.62	75	402529	49.650	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	402529	112.124	ug/l #	6
95) Naphthalene	15.37	128	9267	3.867	ug/l #	94

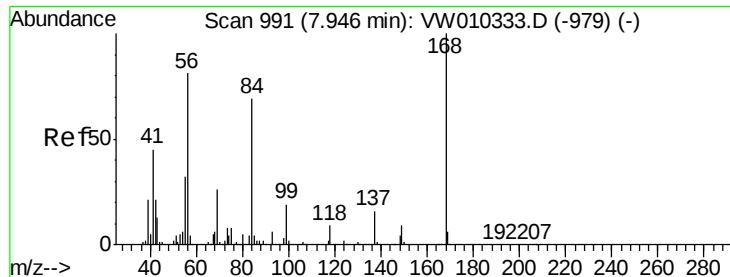
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050919\
Data File : VW010337.D
Acq On : 09 May 2019 15:11
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Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: May 10 02:21:21 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
Quant Title : SW846 8260
QLast Update : Thu May 09 13:55:10 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW010337.D

Acq: 09 May 2019 15:11

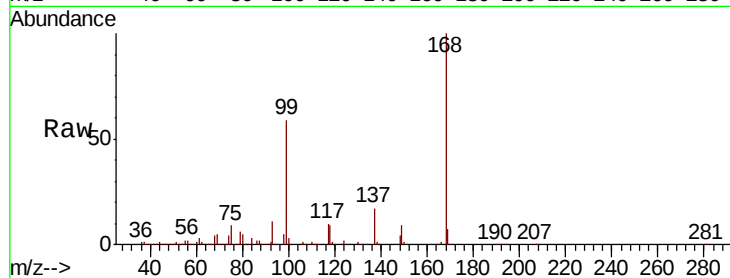
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 1252260

Ion Ratio Lower Upper

168 100

99 59.3 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.94

600000

500000

400000

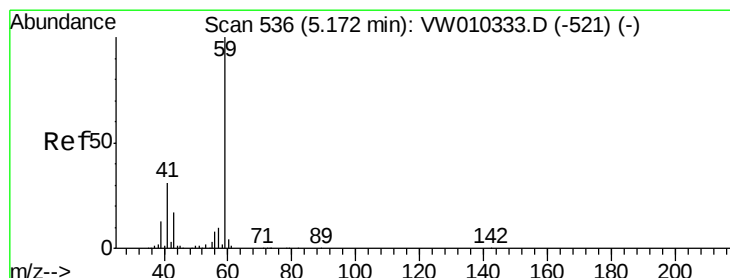
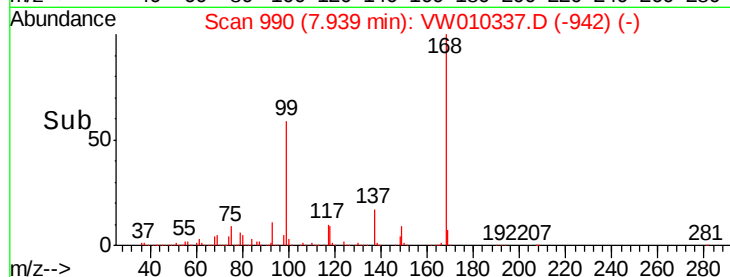
300000

200000

100000

0

Time--> 7.80 7.90 8.00



#11

Tert butyl alcohol

Concen: 3.318 ug/l

RT: 5.17 min Scan# 536

Delta R.T. -0.00 min

Lab File: VW010337.D

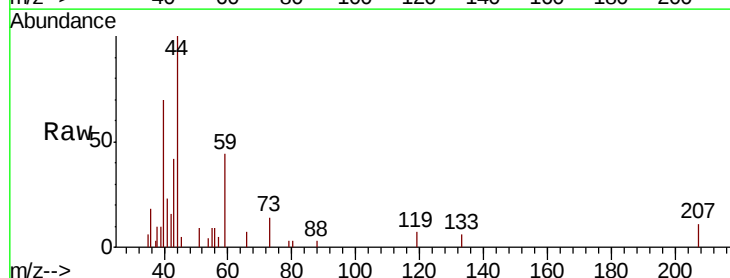
Acq: 09 May 2019 15:11

Tgt Ion: 59 Resp: 3120

Ion Ratio Lower Upper

59 100

57 4.2 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

1000

800

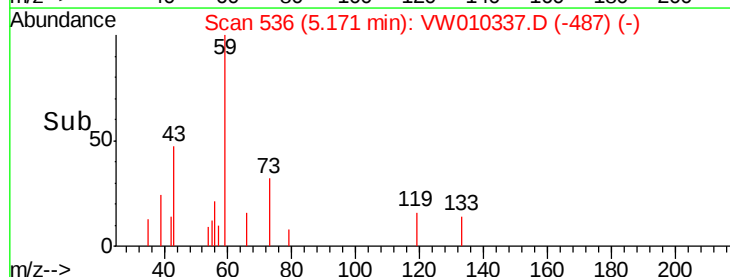
600

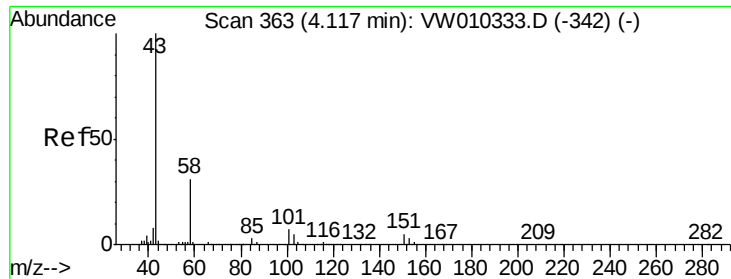
400

200

0

Time--> 5.10 5.20

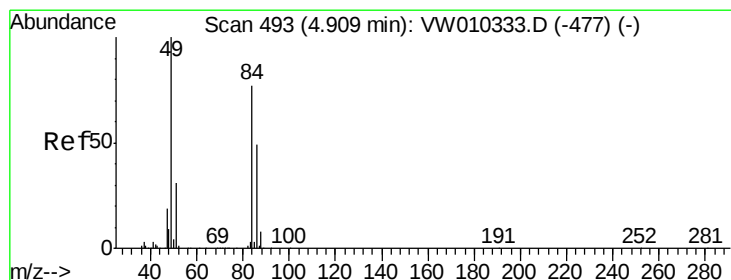
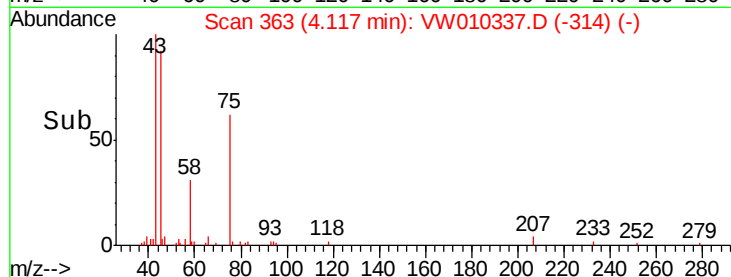
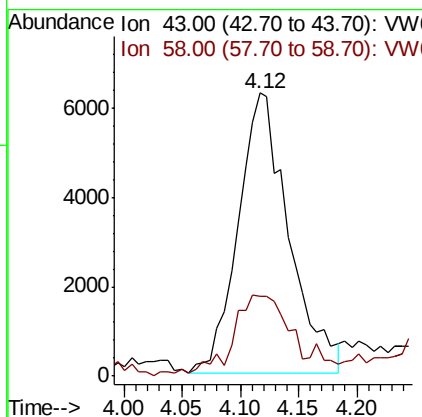
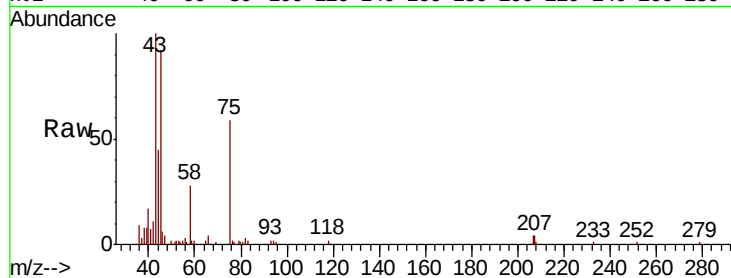




#16
Acetone
Concen: 5.453 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW010337.D
Acq: 09 May 2019 15:11

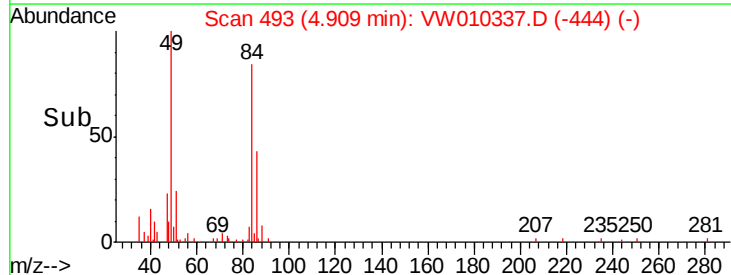
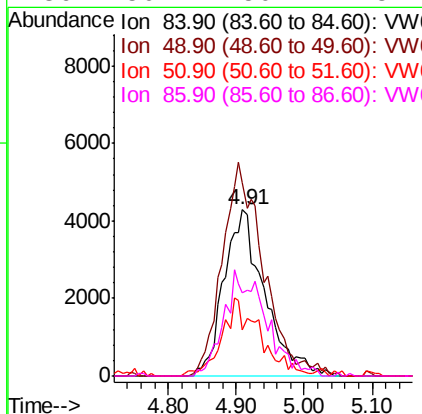
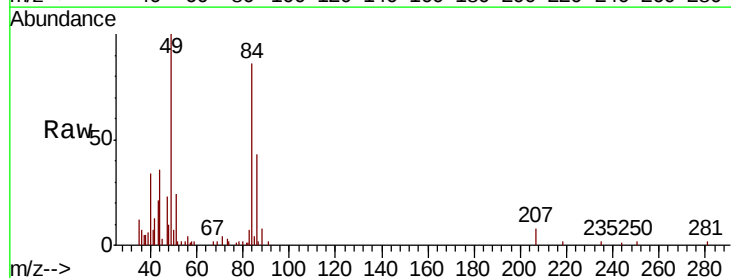
Instrument :
MSVOA_W
ClientSampleId :

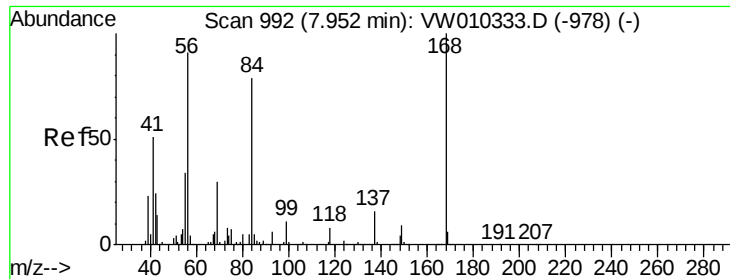
Tot Ion: 43 Resp: 18926
Ion Ratio Lower Upper
43 100
58 27.5 22.7 34.1



#20
Methylene Chloride
Concen: 1.229 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW010337.D
Acq: 09 May 2019 15:11

Tgt Ion: 84 Resp: 17792
Ion Ratio Lower Upper
84 100
49 116.3 112.3 168.5
51 26.4 33.9 50.9#
86 50.2 50.2 75.4#

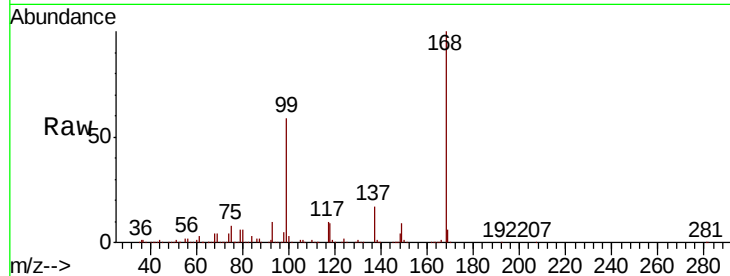




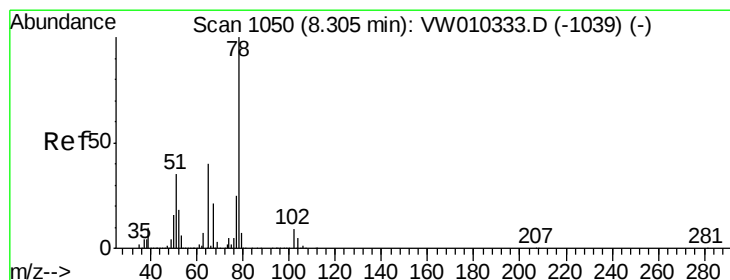
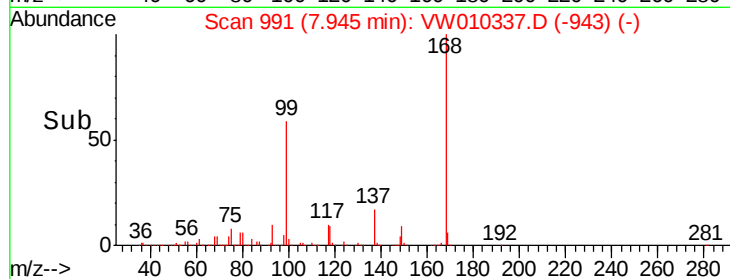
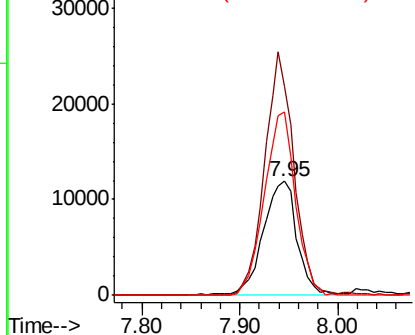
#31
Cyclohexane
Concen: 1.054 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW010337.D
Acq: 09 May 2019 15:11

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 28752
Ion Ratio Lower Upper
56 100
69 183.6 26.6 40.0#
84 161.2 66.2 99.2#

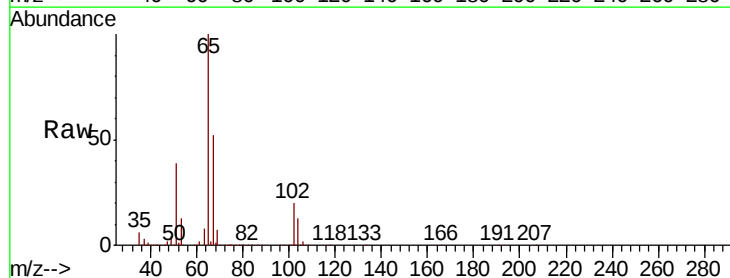


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

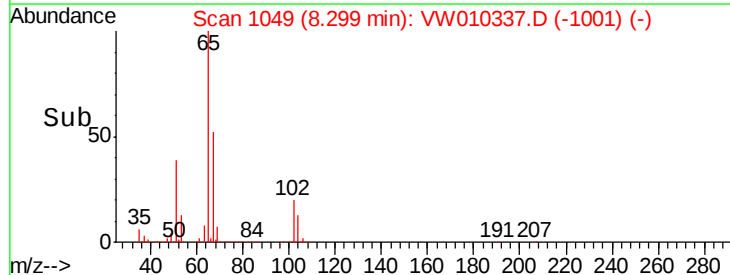
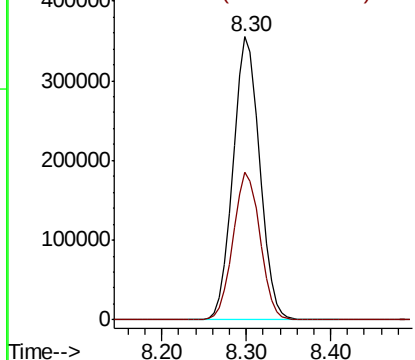


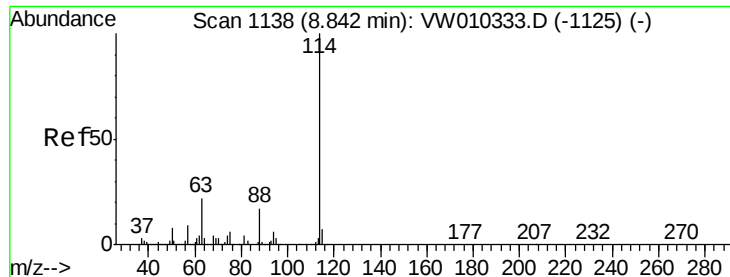
#33
1,2-Dichloroethane-d4
Concen: 56.905 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW010337.D
Acq: 09 May 2019 15:11

Tgt Ion: 65 Resp: 757592
Ion Ratio Lower Upper
65 100
67 52.9 0.0 100.8



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



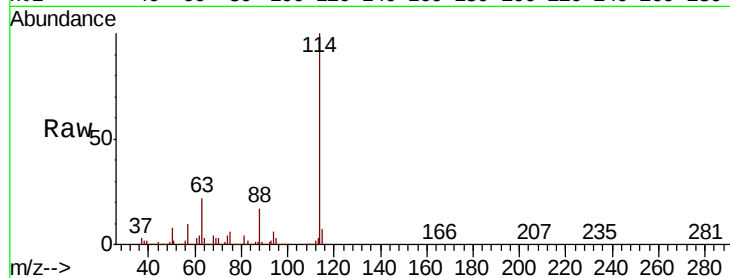


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010337.D
 Acq: 09 May 2019 15:11

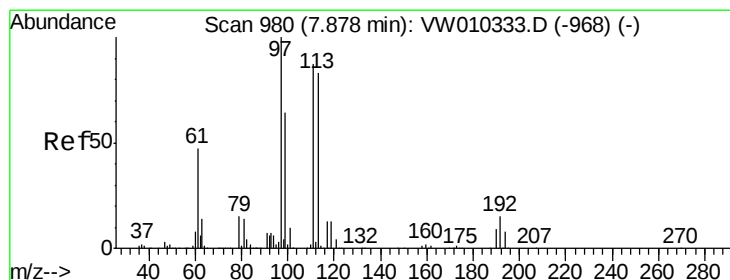
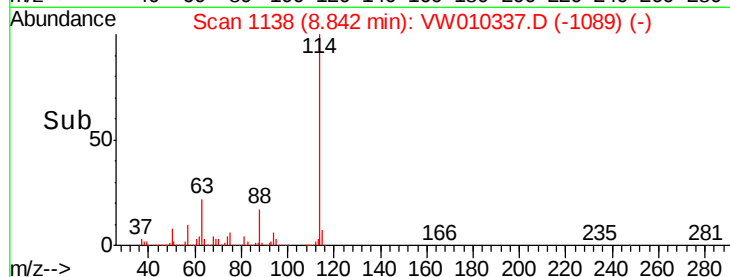
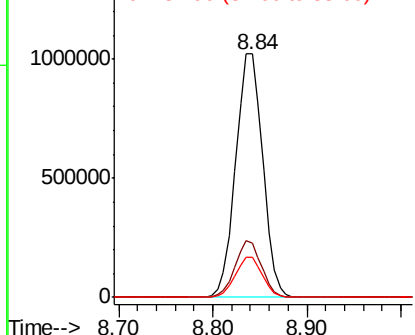
Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:114 Resp: 2051968

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	46.2
88	16.6	0.0	32.6



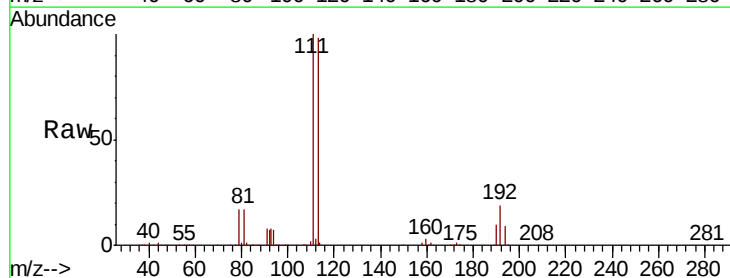
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW



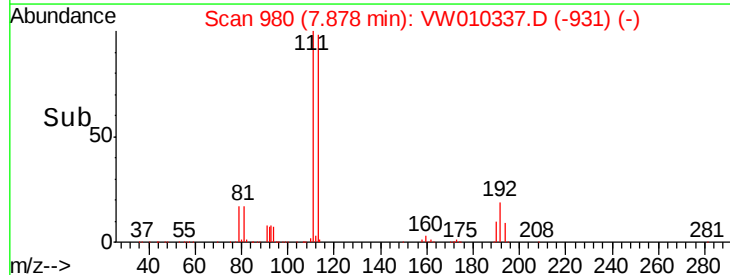
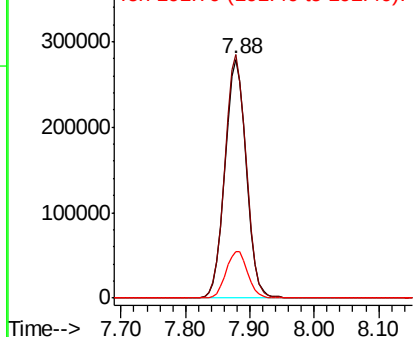
#35
 Dibromofluoromethane
 Concen: 54.519 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW010337.D
 Acq: 09 May 2019 15:11

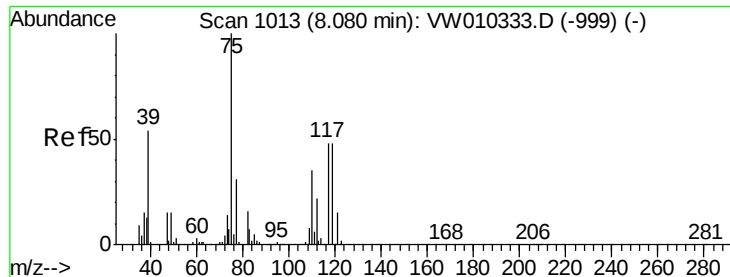
Tgt Ion:113 Resp: 654661

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.6	123.8
192	19.9	15.4	23.2



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

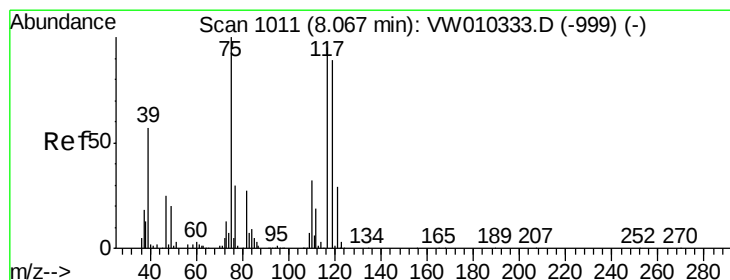
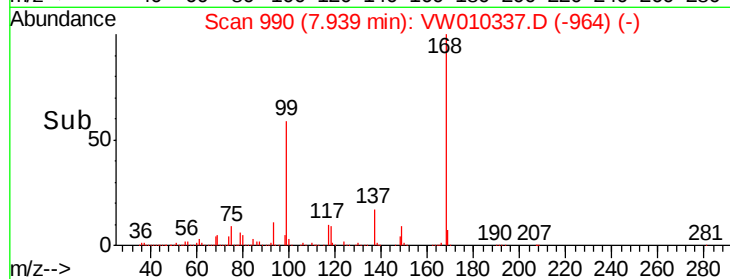
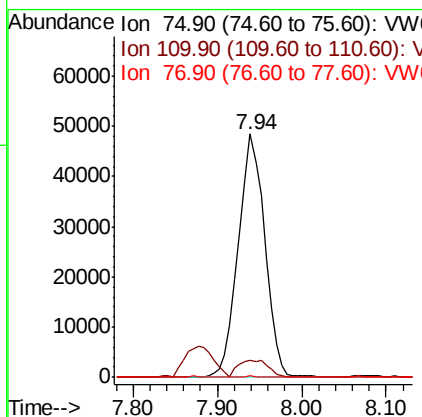
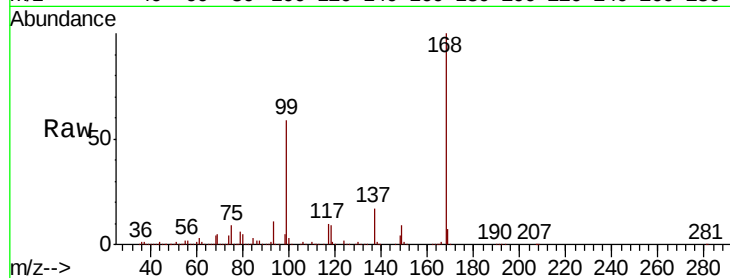




#36
 1,1-Dichloropropene
 Concen: 4.636 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW010337.D
 Acq: 09 May 2019 15:11

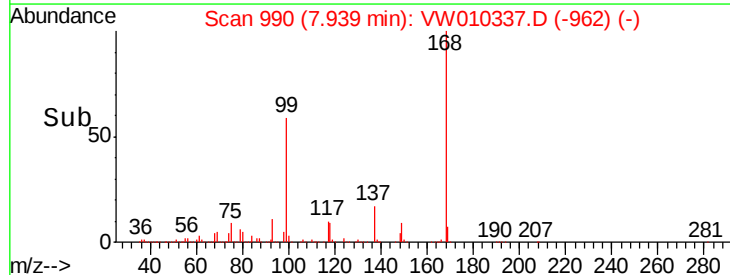
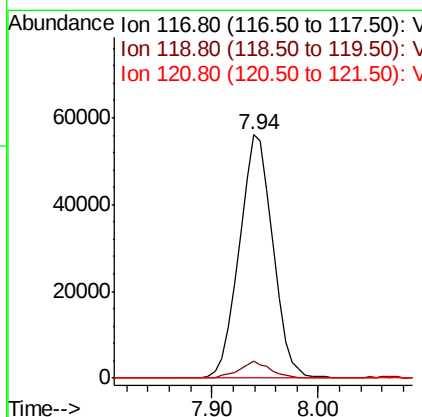
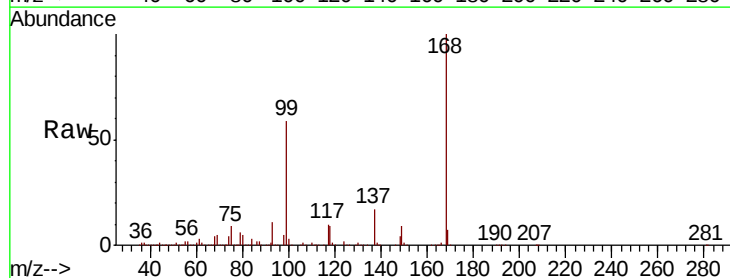
Instrument :
 MSVOA_W
 ClientSampleId :

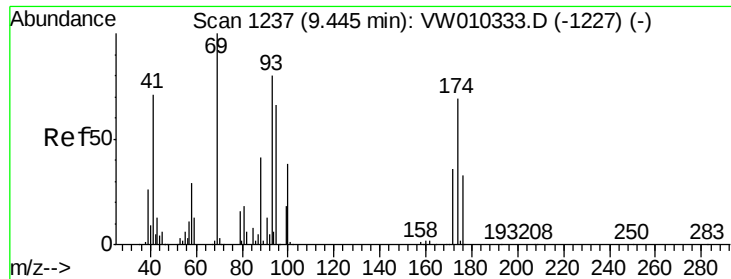
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.1	16.6	49.8#
77	0.2	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.511 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.13 min
 Lab File: VW010337.D
 Acq: 09 May 2019 15:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	7.0	75.3	112.9#
121	0.0	24.4	36.6#

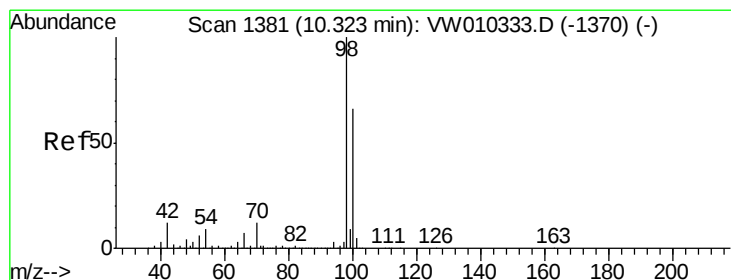
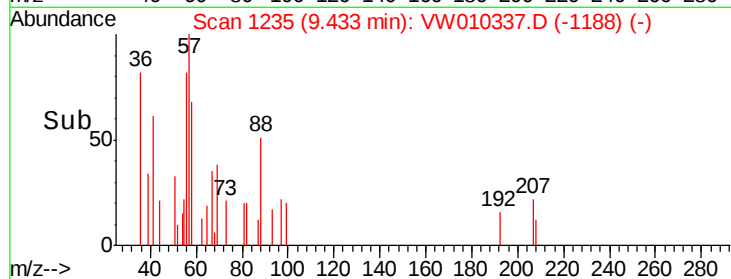
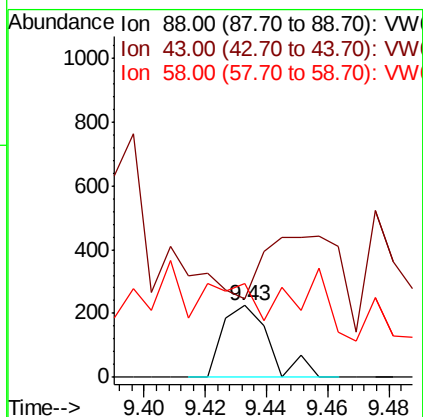
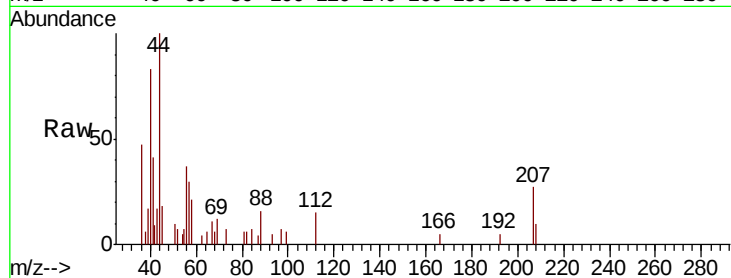




#49
1,4-Dioxane
Concen: 1.722 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW010337.D
Acq: 09 May 2019 15:11

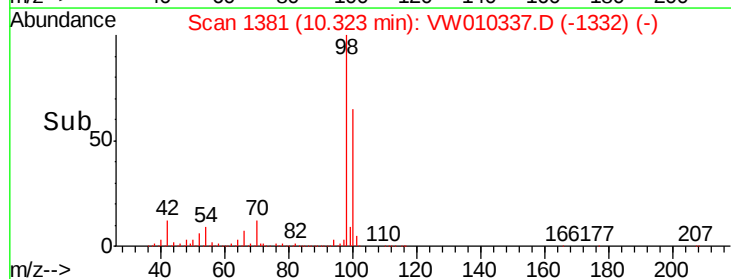
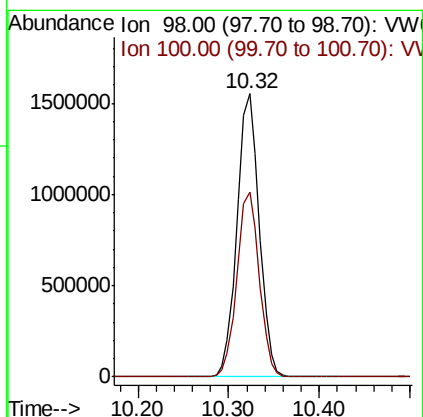
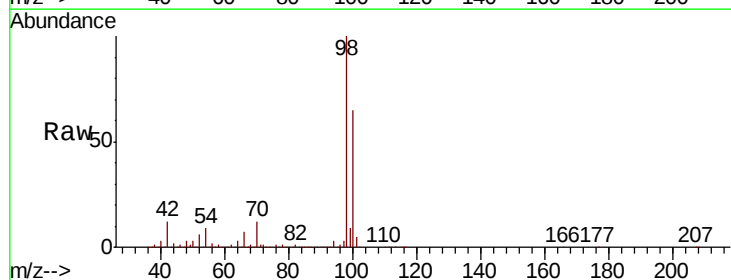
Instrument :
MSVOA_W
ClientSampled :

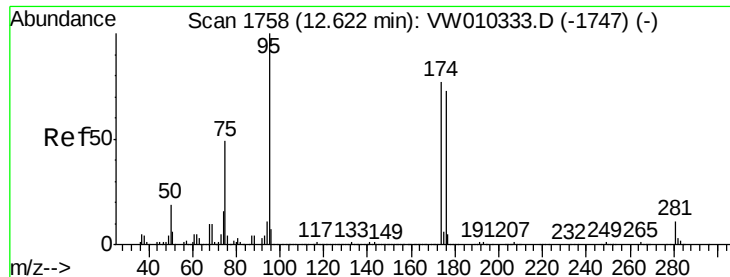
Tot Ion: 88 Resp: 235
Ion Ratio Lower Upper
88 100
43 0.0 31.9 47.9#
58 0.0 61.8 92.6#



#50
Toluene-d8
Concen: 54.030 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010337.D
Acq: 09 May 2019 15:11

Tgt Ion: 98 Resp: 2641885
Ion Ratio Lower Upper
98 100
100 65.5 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 45.446 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010337.D

Acq: 09 May 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

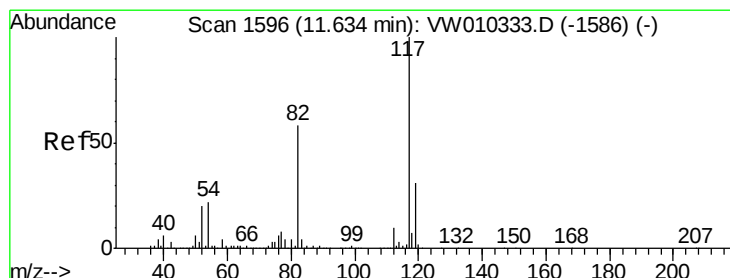
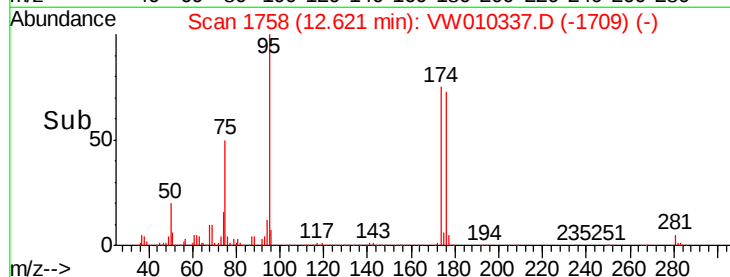
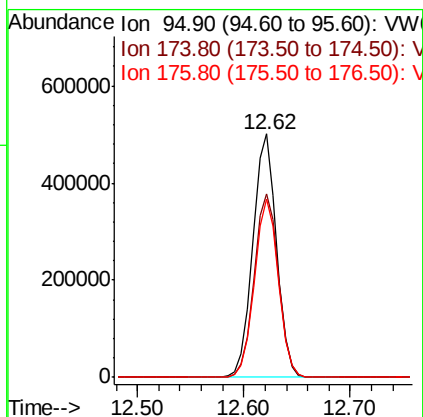
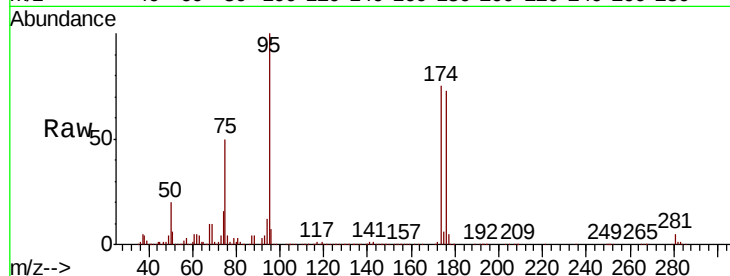
Tot Ion: 95 Resp: 782210

Ion Ratio Lower Upper

95 100

174 77.5 0.0 151.4

176 73.8 0.0 146.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW010337.D

Acq: 09 May 2019 15:11

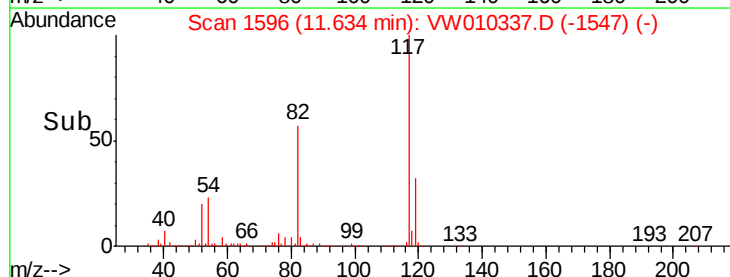
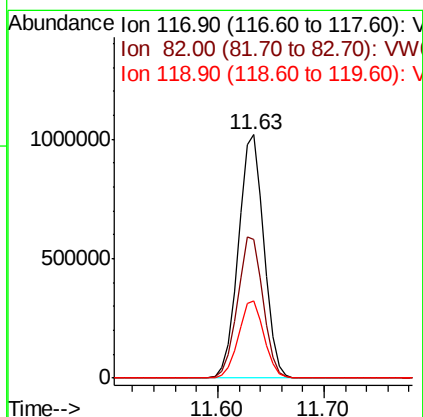
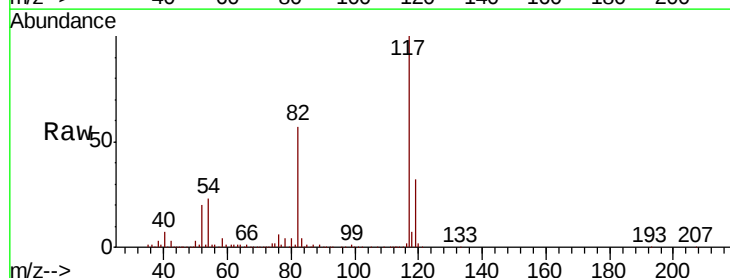
Tgt Ion: 117 Resp: 1712719

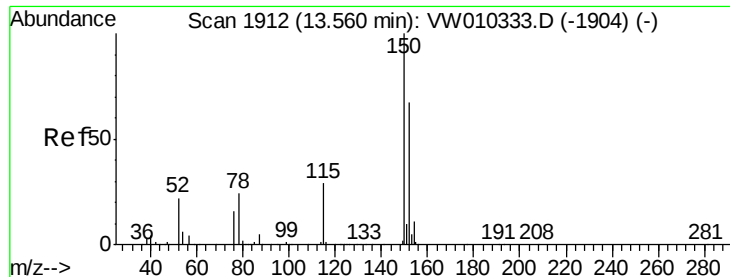
Ion Ratio Lower Upper

117 100

82 57.1 45.2 67.8

119 31.7 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010337.D

Acq: 09 May 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

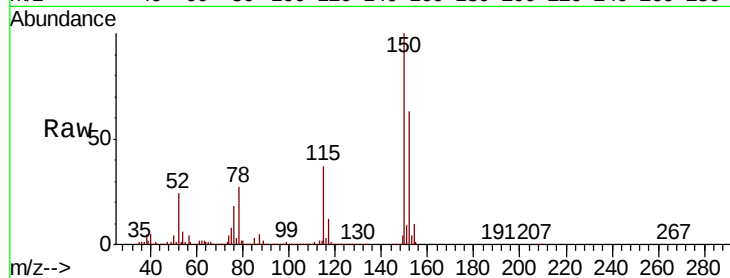
Tot Ion:152 Resp: 695365

Ion Ratio Lower Upper

152 100

115 59.0 30.4 91.2

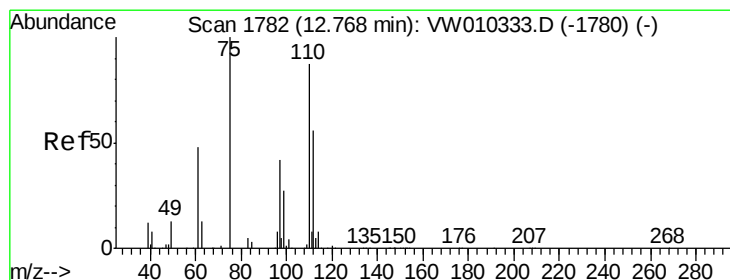
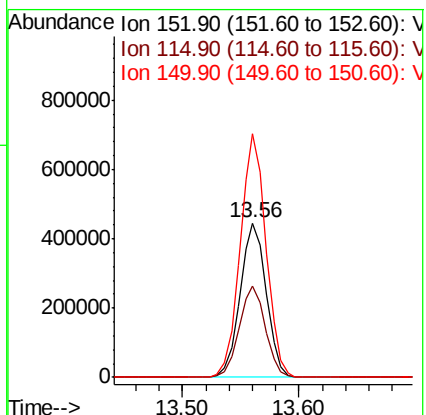
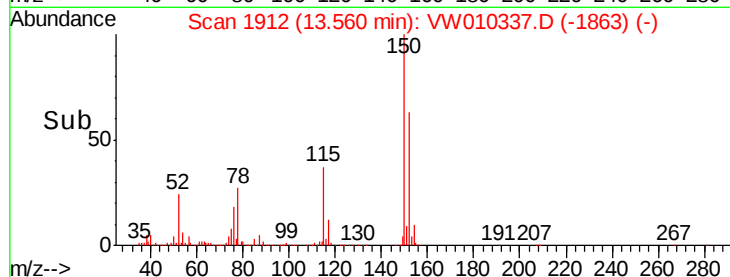
150 155.6 0.0 347.0



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: 49.650 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010337.D

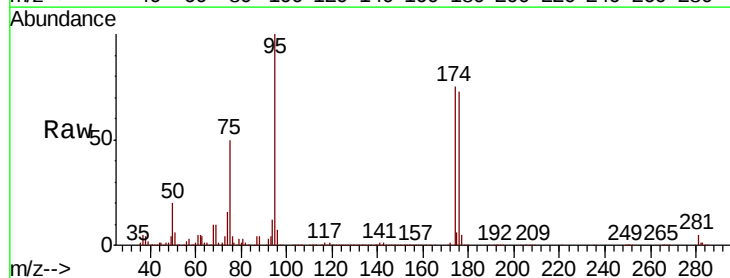
Acq: 09 May 2019 15:11

Tgt Ion: 75 Resp: 402529

Ion Ratio Lower Upper

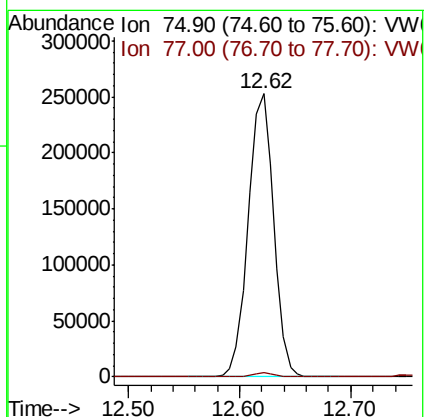
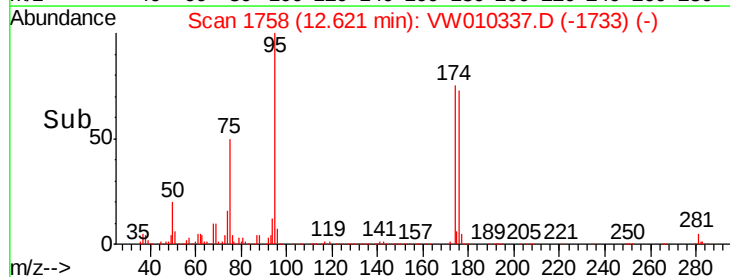
75 100

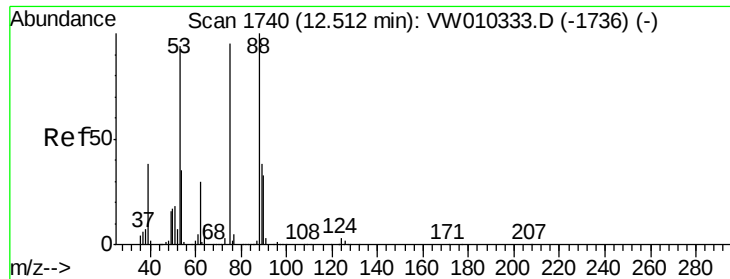
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

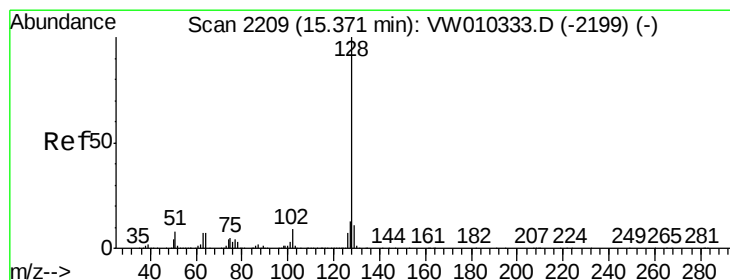
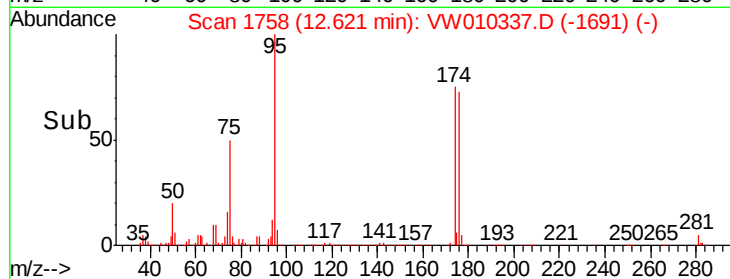
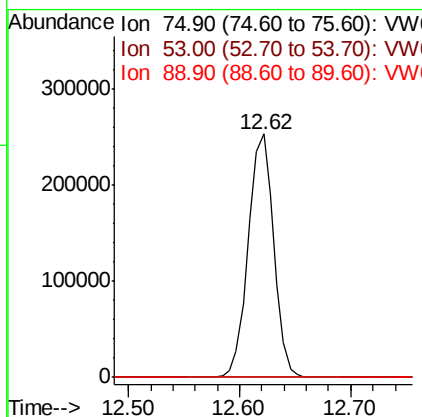
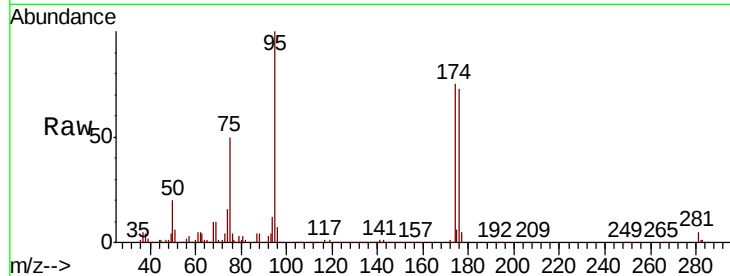




#81
trans-1,4-Dichloro-2-butene
Concen: 112.124 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.11 min
Lab File: VW010337.D
Acq: 09 May 2019 15:11

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 75 Resp: 402529
Ion Ratio Lower Upper
75 100
53 0.3 89.8 134.8#
89 0.0 36.6 54.8#



#95
Naphthalene
Concen: 3.867 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010337.D
Acq: 09 May 2019 15:11

Tgt Ion: 128 Resp: 9267
Ion Ratio Lower Upper
128 100
127 17.2 10.6 15.8#
129 10.4 8.7 13.1

