

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050919\
 Data File : VW010341.D
 Acq On : 09 May 2019 17:21
 Operator : SY/VA
 Sample : K2790-01
 Misc : 5.85G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 10 02:22:51 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	1267013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	2133661	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1798846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	729819	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	831235	61.71	ug/l	0.00
Spiked Amount			Recovery	=	123.42%	
35) Dibromofluoromethane	7.88	113	698329	55.93	ug/l	0.00
Spiked Amount			Recovery	=	111.86%	
50) Toluene-d8	10.32	98	2708185	53.27	ug/l	0.00
Spiked Amount			Recovery	=	106.54%	
62) 4-Bromofluorobenzene	12.62	95	830713	46.42	ug/l	0.00
Spiked Amount			Recovery	=	92.84%	

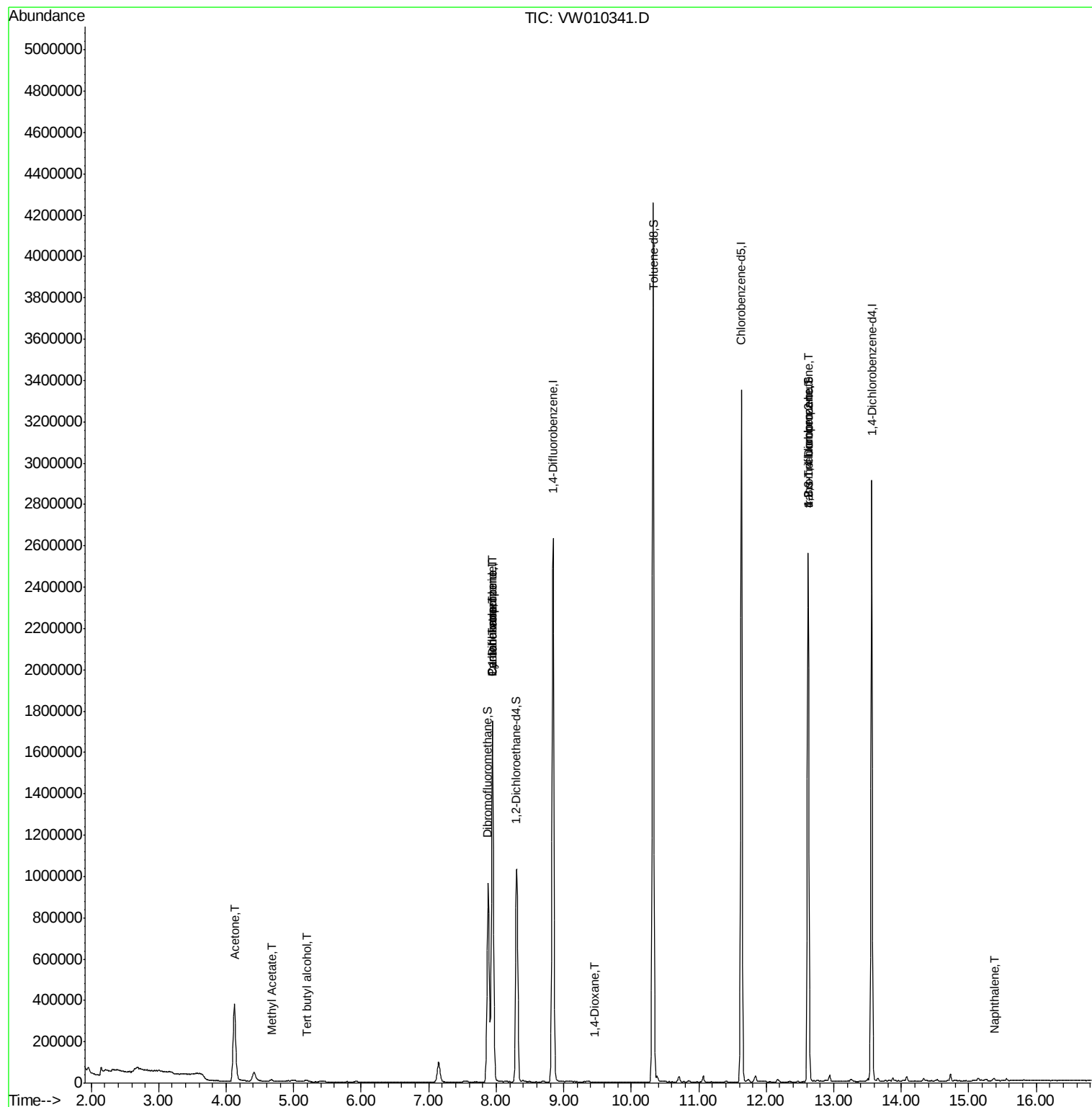
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	14238	14.967	ug/l #	71
16) Acetone	4.12	43	680993	193.930	ug/l	93
18) Methyl Acetate	4.67	43	18518	2.129	ug/l	92
31) Cyclohexane	7.95	56	29405	1.066	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	106387	4.599	ug/l #	50
38) Carbon Tetrachloride	7.95	117	125721	6.340	ug/l #	16
49) 1,4-Dioxane	9.45	88	217	1.529	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	424634	49.904	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	424634	112.698	ug/l #	5
95) Naphthalene	15.38	128	9950	3.873	ug/l #	93

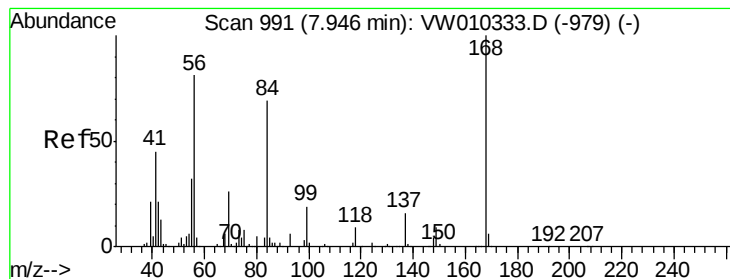
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050919\
Data File : VW010341.D
Acq On : 09 May 2019 17:21
Operator : SY/VA
Sample : K2790-01
Misc : 5.85G/5ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: May 10 02:22:51 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: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW010341.D

Acq: 09 May 2019 17:21

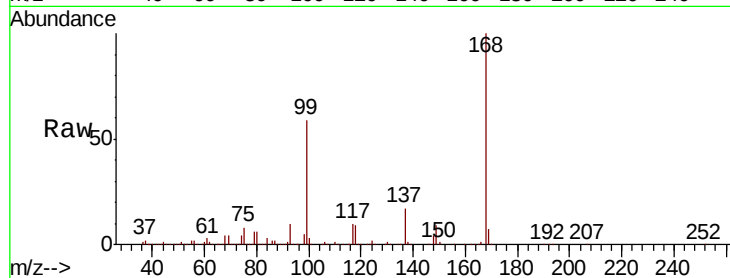
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 1267013

Ion Ratio Lower Upper

168 100

99 58.9 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

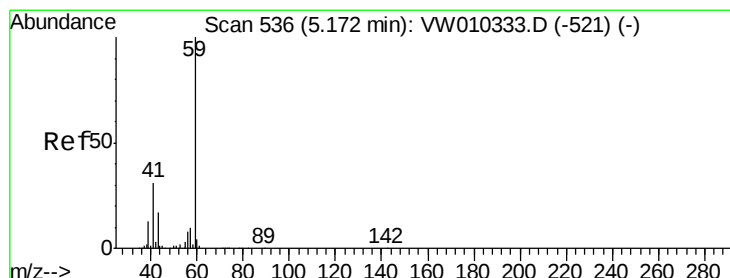
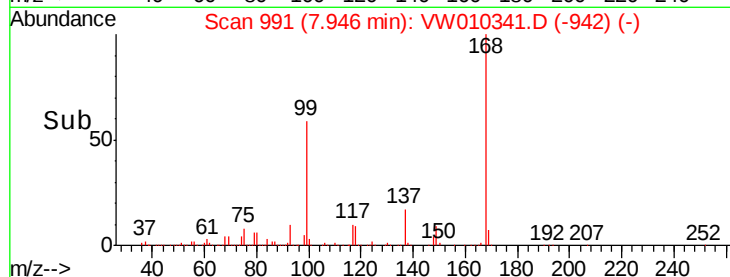
600000

400000

200000

0

Time-->



#11

Tert butyl alcohol

Concen: 14.967 ug/l

RT: 5.20 min Scan# 540

Delta R.T. 0.02 min

Lab File: VW010341.D

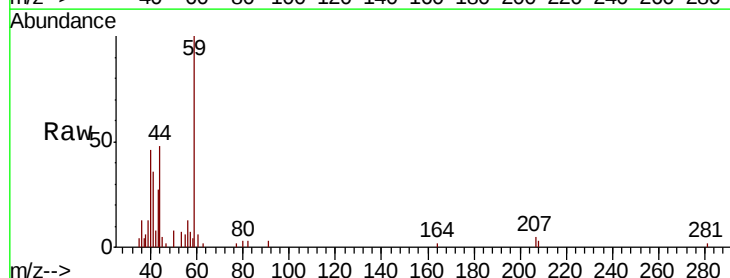
Acq: 09 May 2019 17:21

Tgt Ion: 59 Resp: 14238

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

5.20

4000

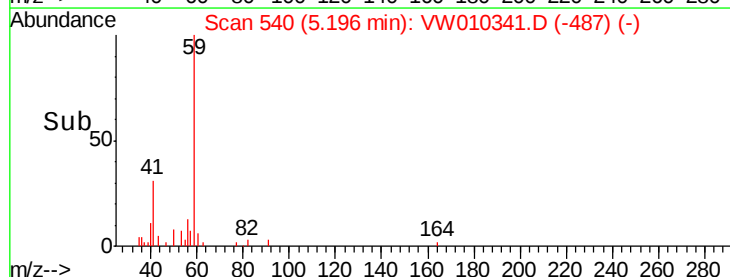
3000

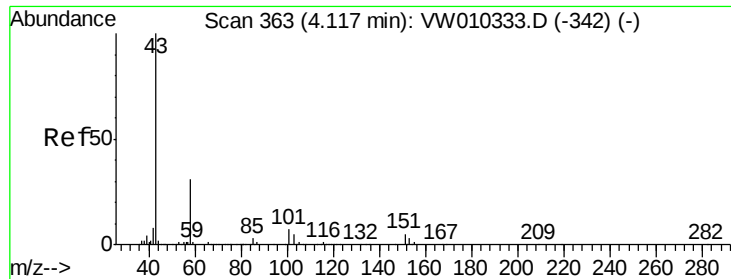
2000

1000

0

Time-->

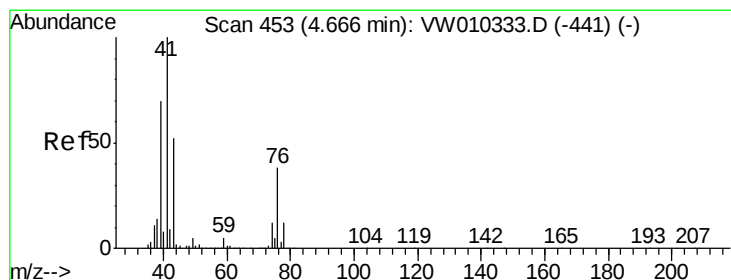
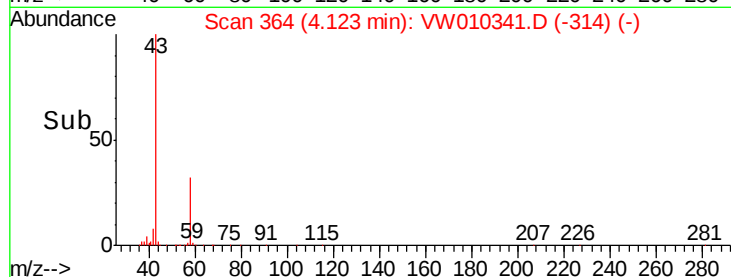
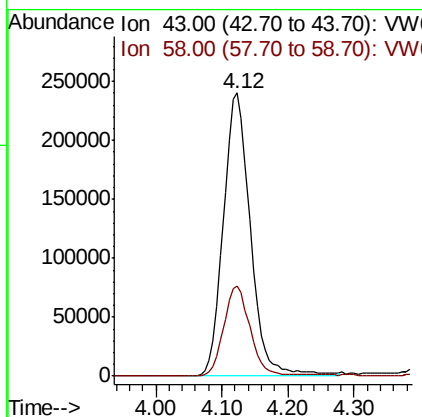
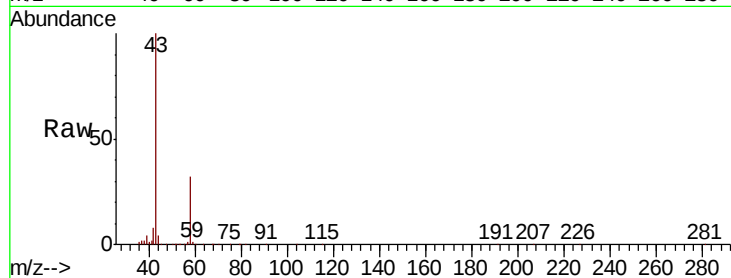




#16
Acetone
Concen: 193.930 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW010341.D
Acq: 09 May 2019 17:21

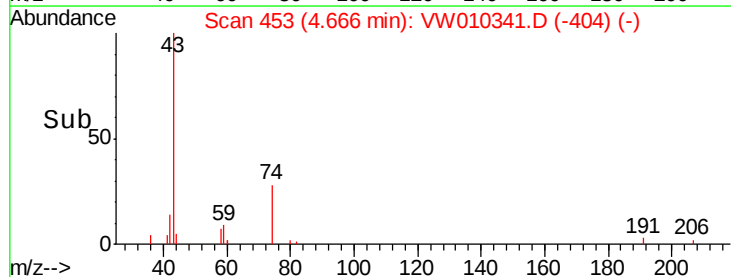
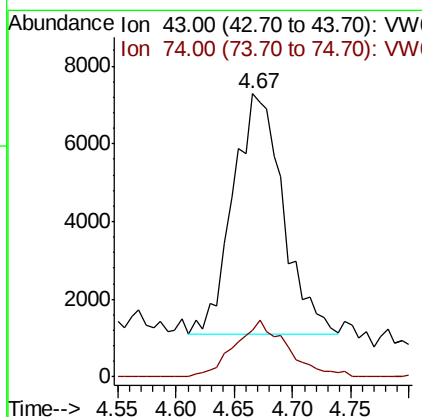
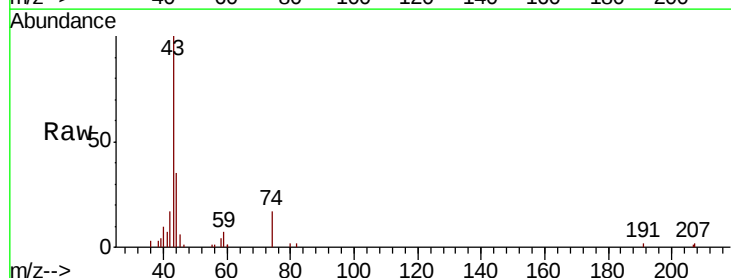
Instrument :
MSVOA_W
ClientSampleId :

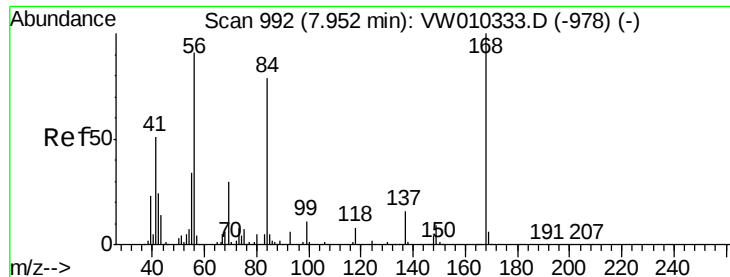
Tot Ion: 43 Resp: 680993
Ion Ratio Lower Upper
43 100
58 31.9 22.7 34.1



#18
Methyl Acetate
Concen: 2.129 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW010341.D
Acq: 09 May 2019 17:21

Tgt Ion: 43 Resp: 18518
Ion Ratio Lower Upper
43 100
74 24.7 16.8 25.2

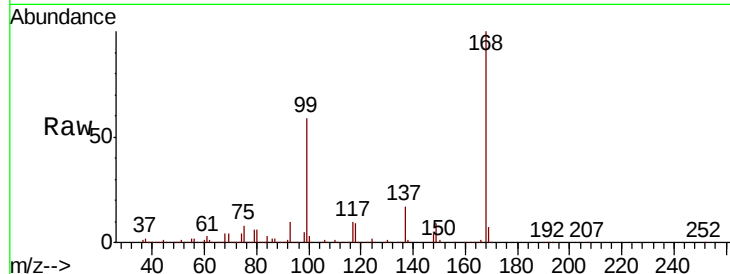




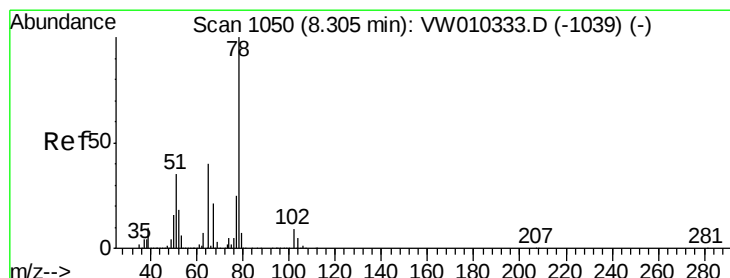
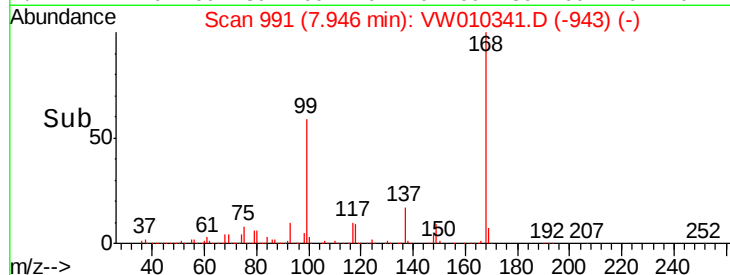
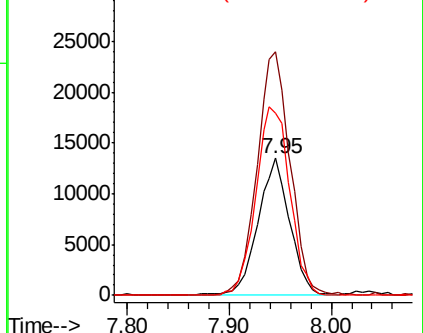
#31
Cyclohexane
Concen: 1.066 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW010341.D
Acq: 09 May 2019 17:21

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 29405
Ion Ratio Lower Upper
56 100
69 177.9 26.6 40.0#
84 133.4 66.2 99.2#

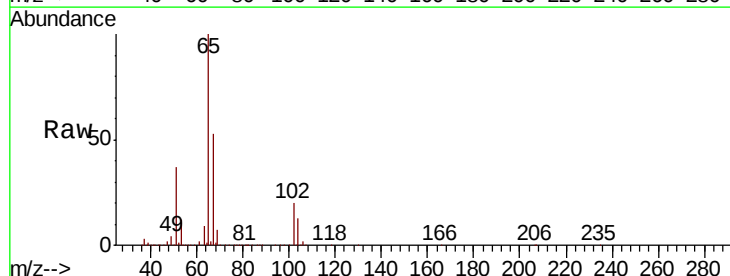


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

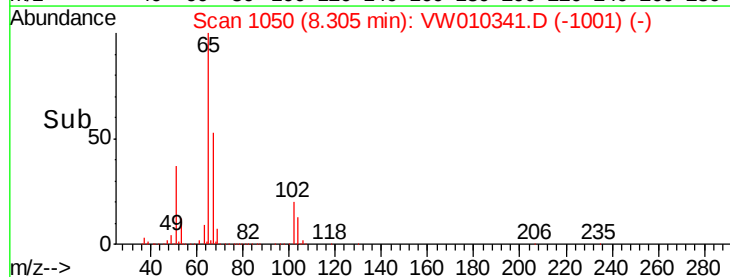
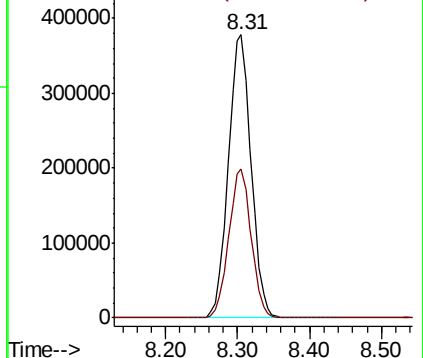


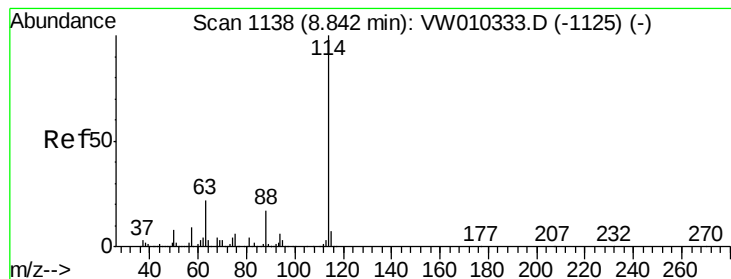
#33
1,2-Dichloroethane-d4
Concen: 61.710 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW010341.D
Acq: 09 May 2019 17:21

Tgt Ion: 65 Resp: 831235
Ion Ratio Lower Upper
65 100
67 52.0 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: VW010341.D

Acq: 09 May 2019 17:21

Instrument :

MSVOA_W

ClientSampleId :

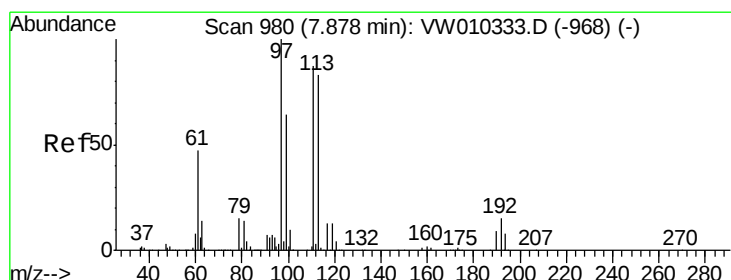
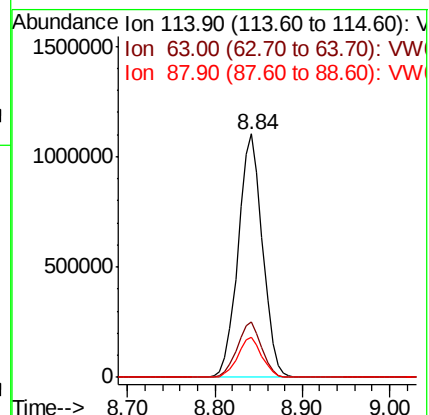
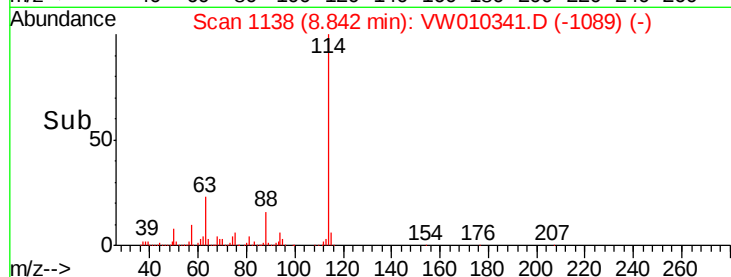
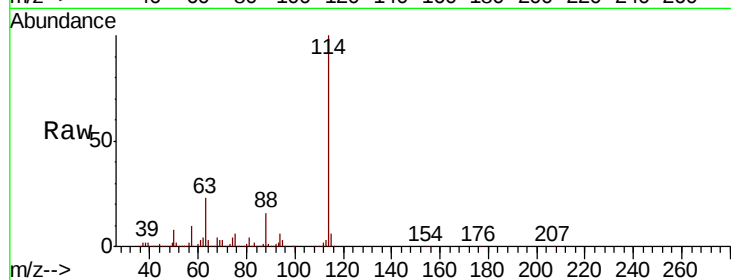
Tot Ion:114 Resp: 2133661

Ion Ratio Lower Upper

114 100

63 22.6 0.0 46.2

88 16.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 55.929 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW010341.D

Acq: 09 May 2019 17:21

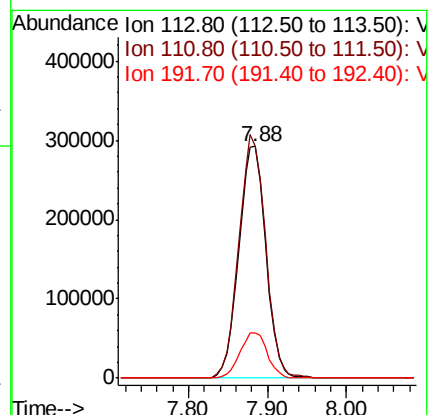
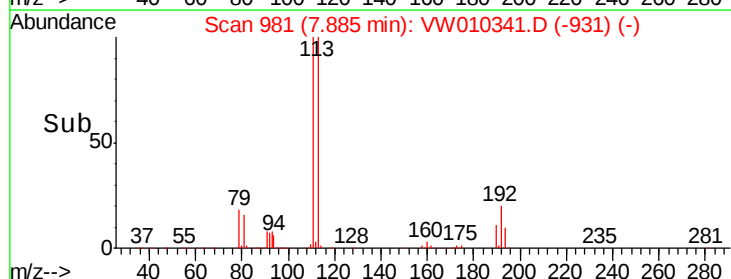
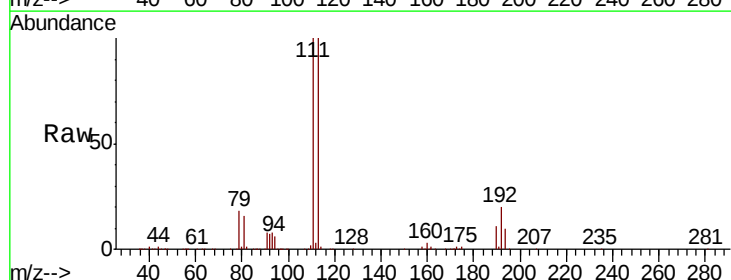
Tgt Ion:113 Resp: 698329

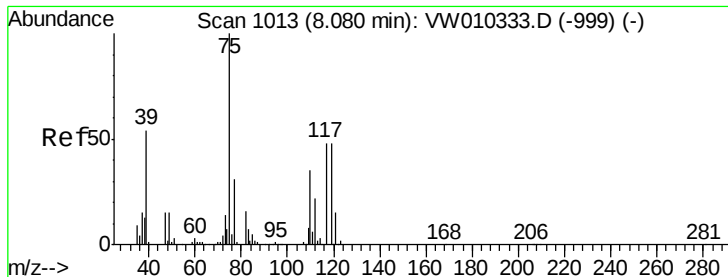
Ion Ratio Lower Upper

113 100

111 103.5 82.6 123.8

192 20.0 15.4 23.2





#36

1,1-Dichloropropene

Concen: 4.599 ug/l

RT: 7.95 min Scan# 991

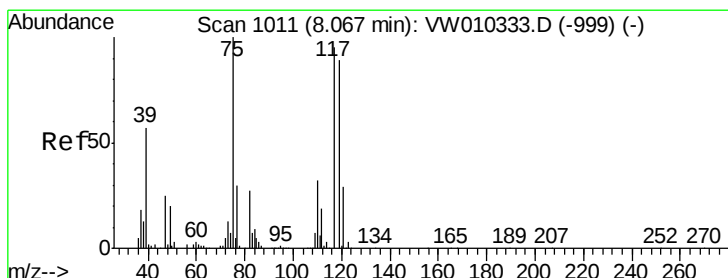
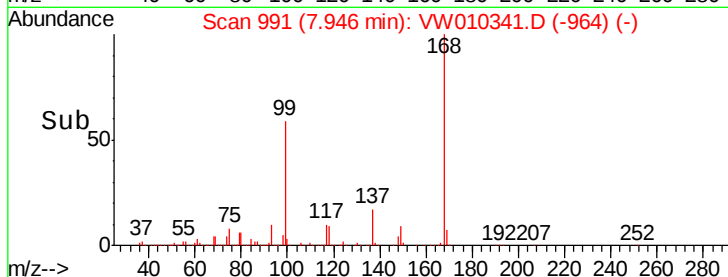
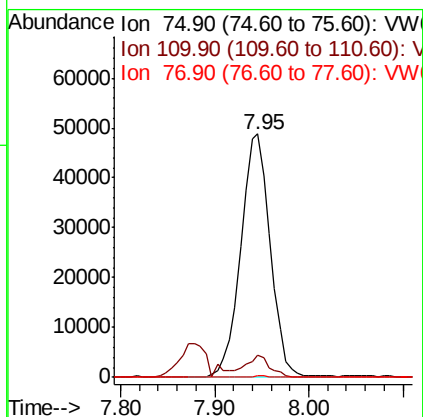
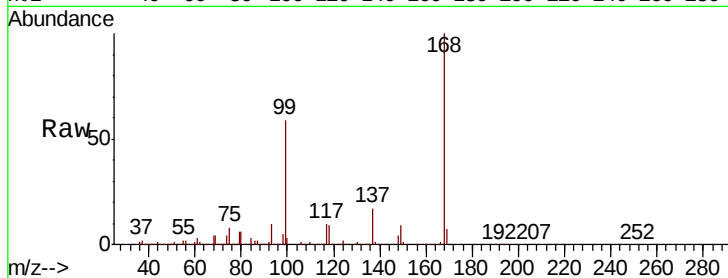
Delta R.T. -0.13 min

Lab File: VW010341.D

Acq: 09 May 2019 17:21

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	75	Resp:	106387
Ion	Ratio	Lower	Upper
75	100		
110	7.8	16.6	49.8#
77	0.3	24.8	37.2#



#38

Carbon Tetrachloride

Concen: 6.340 ug/l

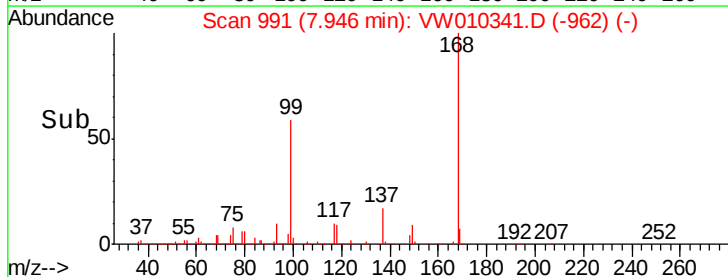
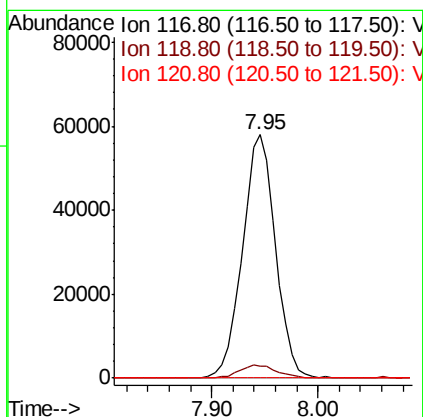
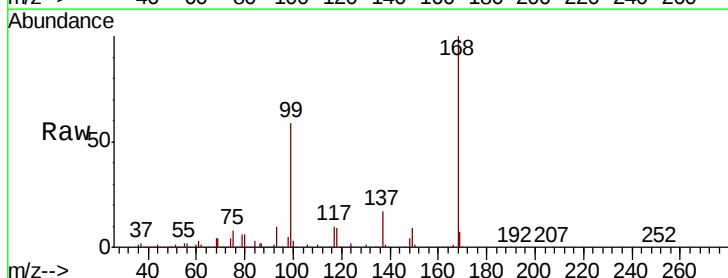
RT: 7.95 min Scan# 991

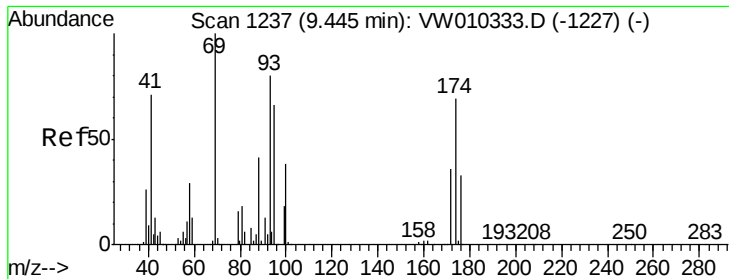
Delta R.T. -0.12 min

Lab File: VW010341.D

Acq: 09 May 2019 17:21

Tgt Ion:	117	Resp:	125721
Ion	Ratio	Lower	Upper
117	100		
119	4.8	75.3	112.9#
121	0.0	24.4	36.6#





#49

1,4-Dioxane

Concen: 1.529 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW010341.D

Acq: 09 May 2019 17:21

Instrument :
MSVOA_W
ClientSampleId :

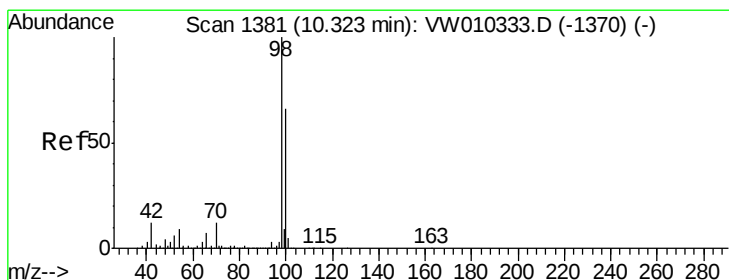
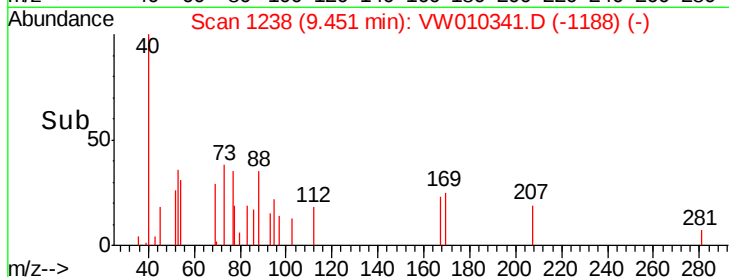
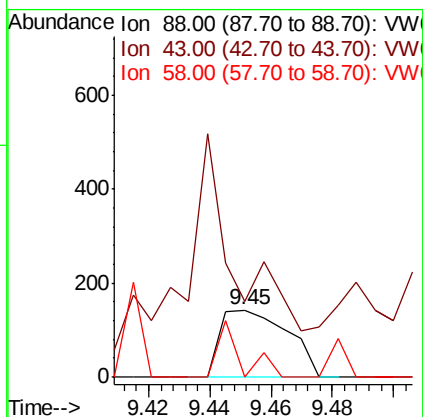
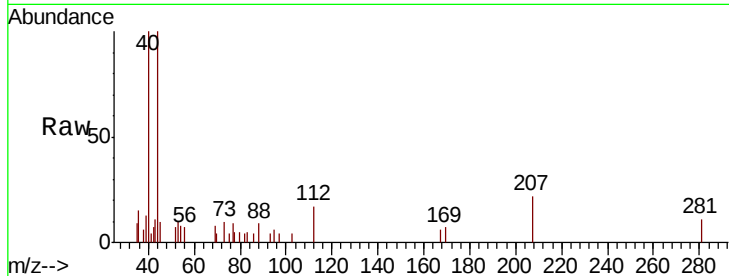
Tot Ion: 88 Resp: 217

Ion Ratio Lower Upper

88 100

43 252.1 31.9 47.9#

58 29.5 61.8 92.6#



#50

Toluene-d8

Concen: 53.266 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010341.D

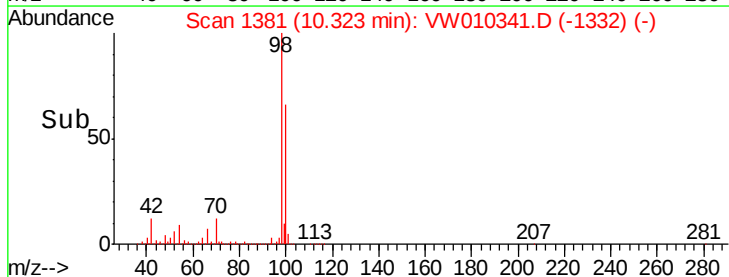
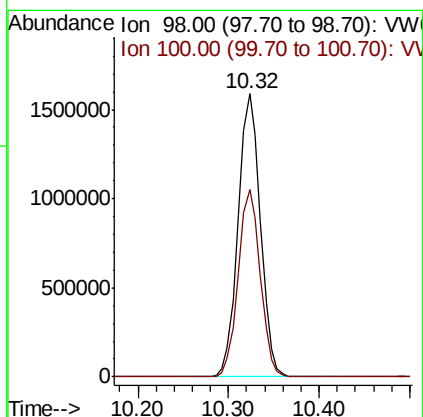
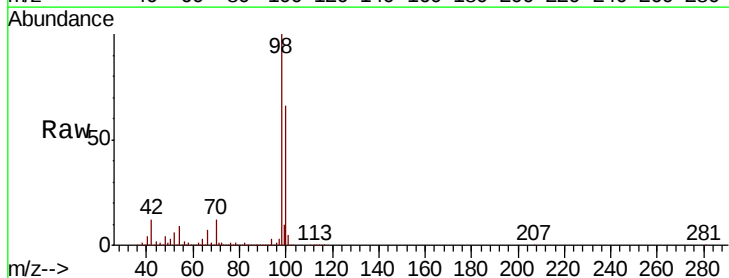
Acq: 09 May 2019 17:21

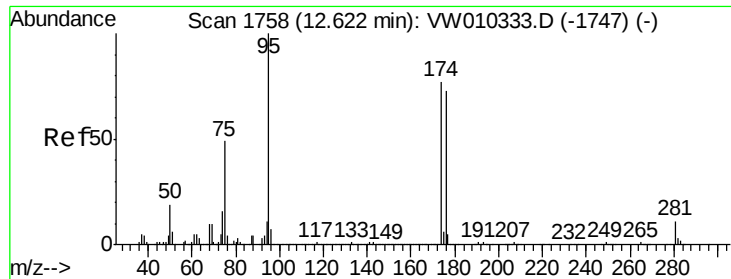
Tgt Ion: 98 Resp: 2708185

Ion Ratio Lower Upper

98 100

100 65.4 52.3 78.5

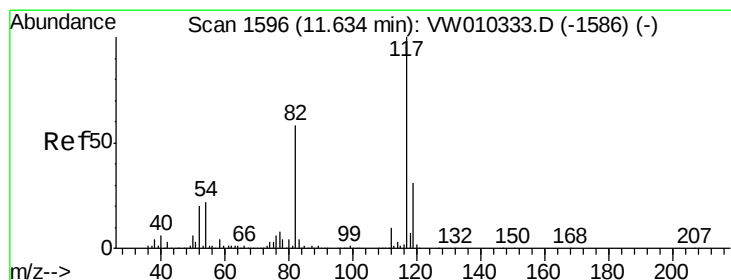
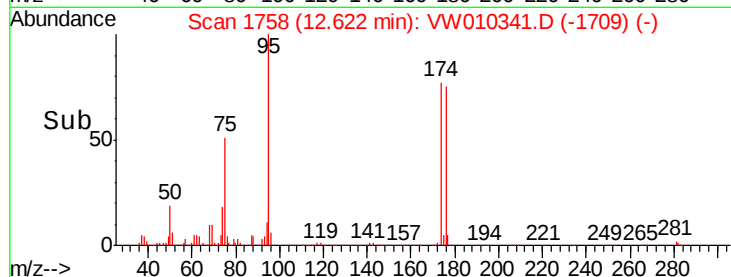
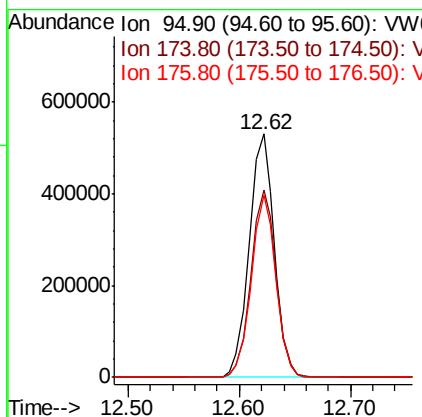
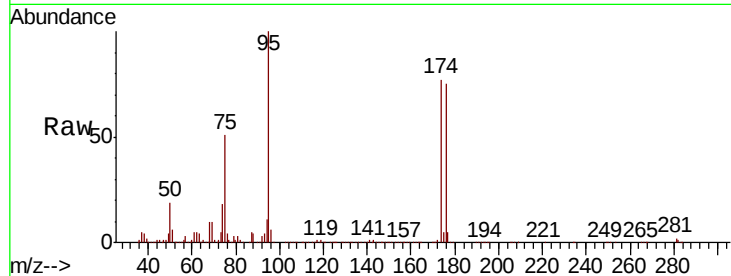




#62
4-Bromofluorobenzene
Concen: 46.416 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW010341.D
Acq: 09 May 2019 17:21

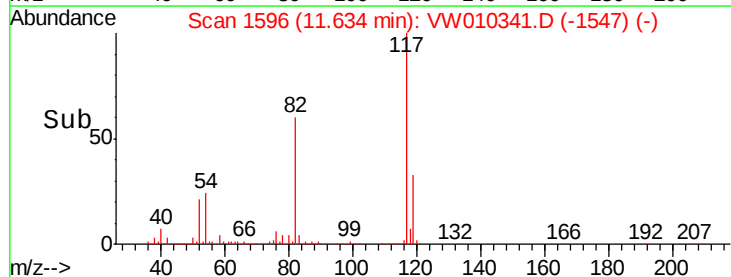
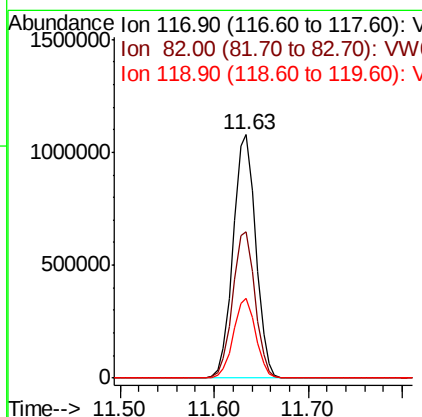
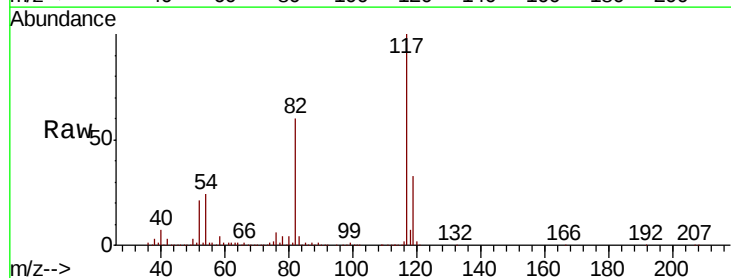
Instrument :
MSVOA_W
ClientSampleId :

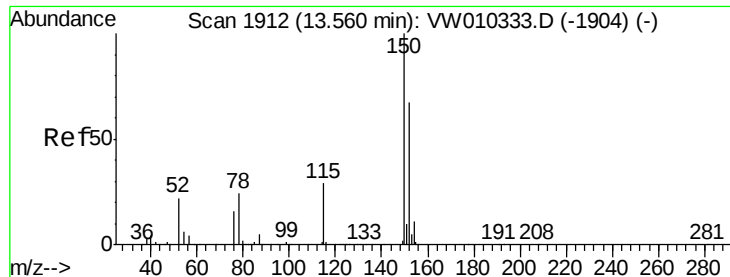
Tot Ion: 95 Resp: 830713
Ion Ratio Lower Upper
95 100
174 77.2 0.0 151.4
176 73.5 0.0 146.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010341.D
Acq: 09 May 2019 17:21

Tgt Ion: 117 Resp: 1798846
Ion Ratio Lower Upper
117 100
82 60.2 45.2 67.8
119 32.6 25.4 38.2

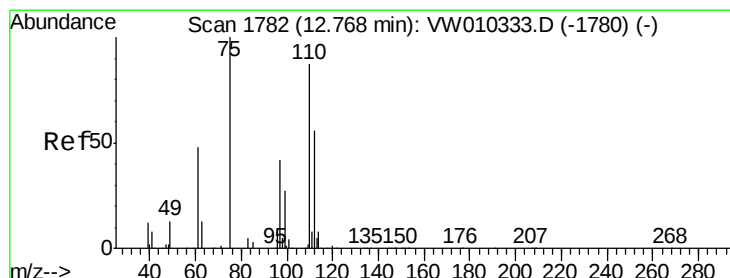
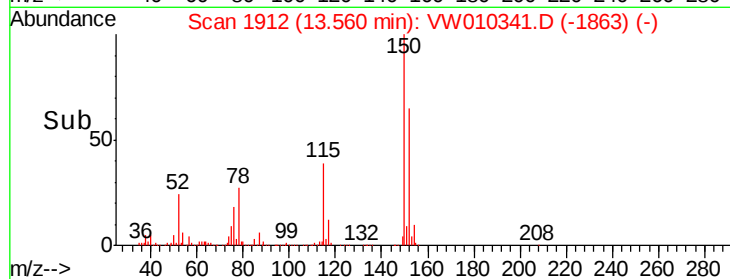
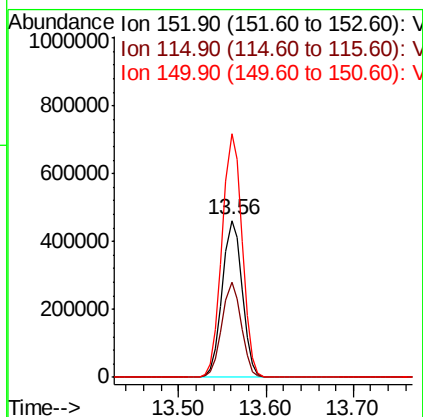
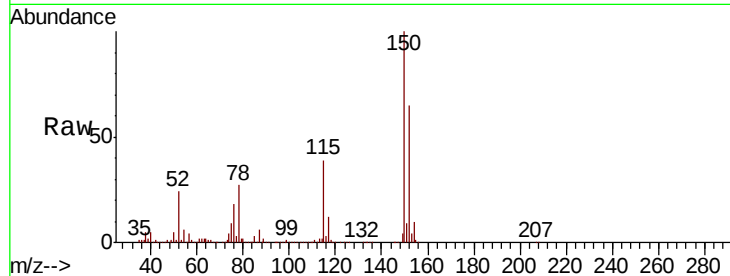




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.00 min
 Lab File: VW010341.D
 Acq: 09 May 2019 17:21

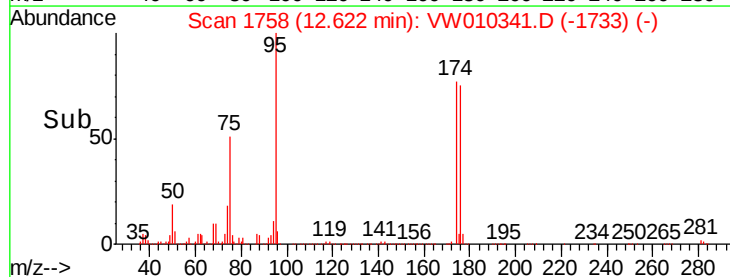
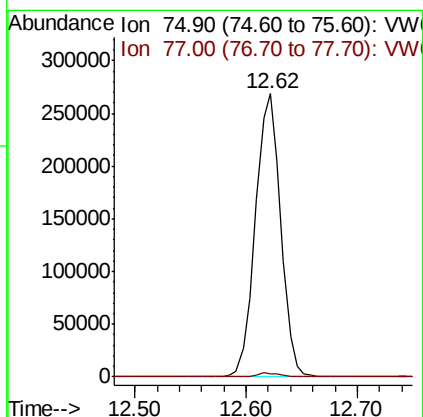
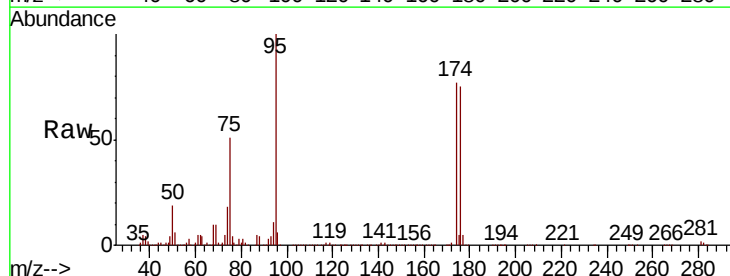
Instrument :
 MSVOA_W
 ClientSampleId :

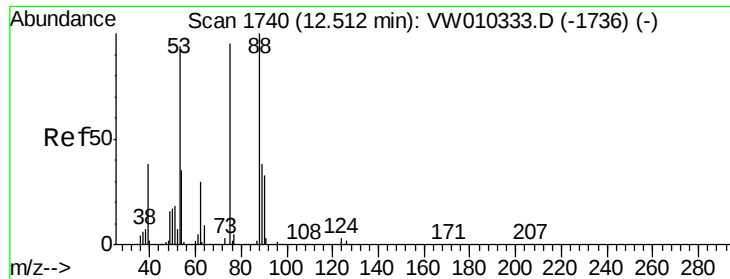
Tot Ion	Ratio	Lower	Upper
152	100		
115	58.8	30.4	91.2
150	156.3	0.0	347.0



#76
 1,2,3-Trichloropropane
 Concen: 49.904 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW010341.D
 Acq: 09 May 2019 17:21

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 112.698 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010341.D

Acq: 09 May 2019 17:21

Instrument :

MSVOA_W

ClientSampleId :

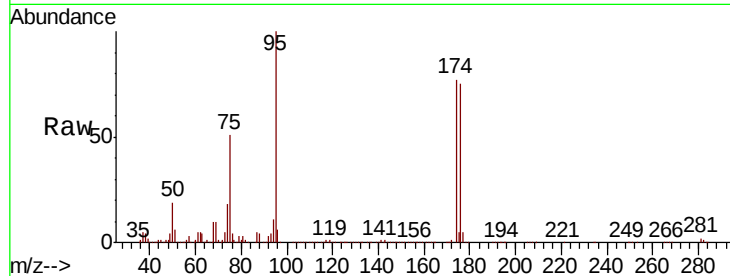
Tot Ion: 75 Resp: 424634

Ion Ratio Lower Upper

75 100

53 0.0 89.8 134.8#

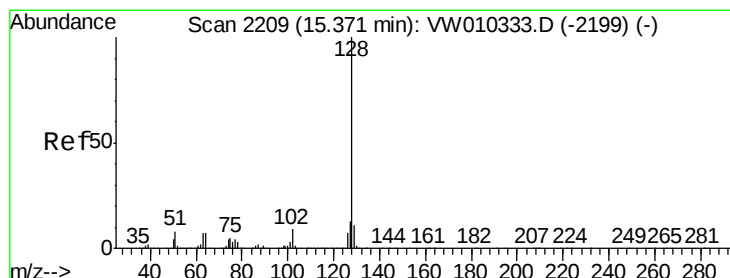
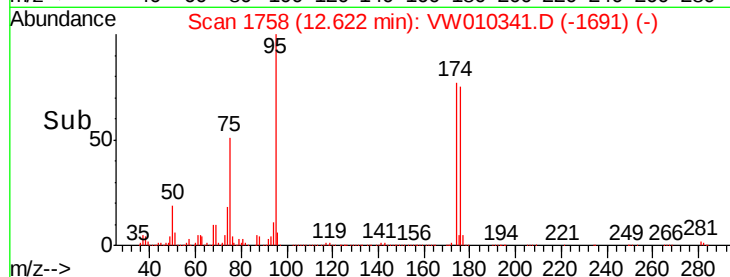
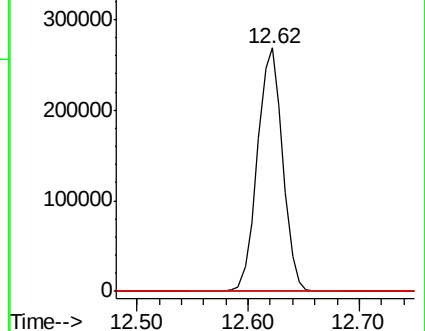
89 0.0 36.6 54.8#



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



#95

Naphthalene

Concen: 3.873 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VW010341.D

Acq: 09 May 2019 17:21

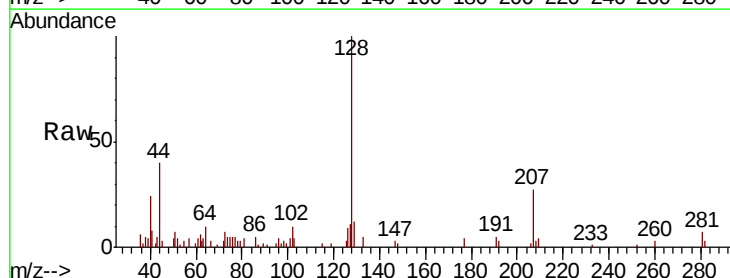
Tgt Ion: 128 Resp: 9950

Ion Ratio Lower Upper

128 100

127 16.6 10.6 15.8#

129 13.1 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

