

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030819\
 Data File : VW009054.D
 Acq On : 08 Mar 2019 14:53
 Operator : SY/VA
 Sample : VW0308SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0308SBL01

Quant Time: Mar 09 01:18:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	302084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	471653	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	417195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	188956	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	168326	55.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.76%	
35) Dibromofluoromethane	7.88	113	144142	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
50) Toluene-d8	10.32	98	560735	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
62) 4-Bromofluorobenzene	12.62	95	189807	41.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.68%	

Target Compounds

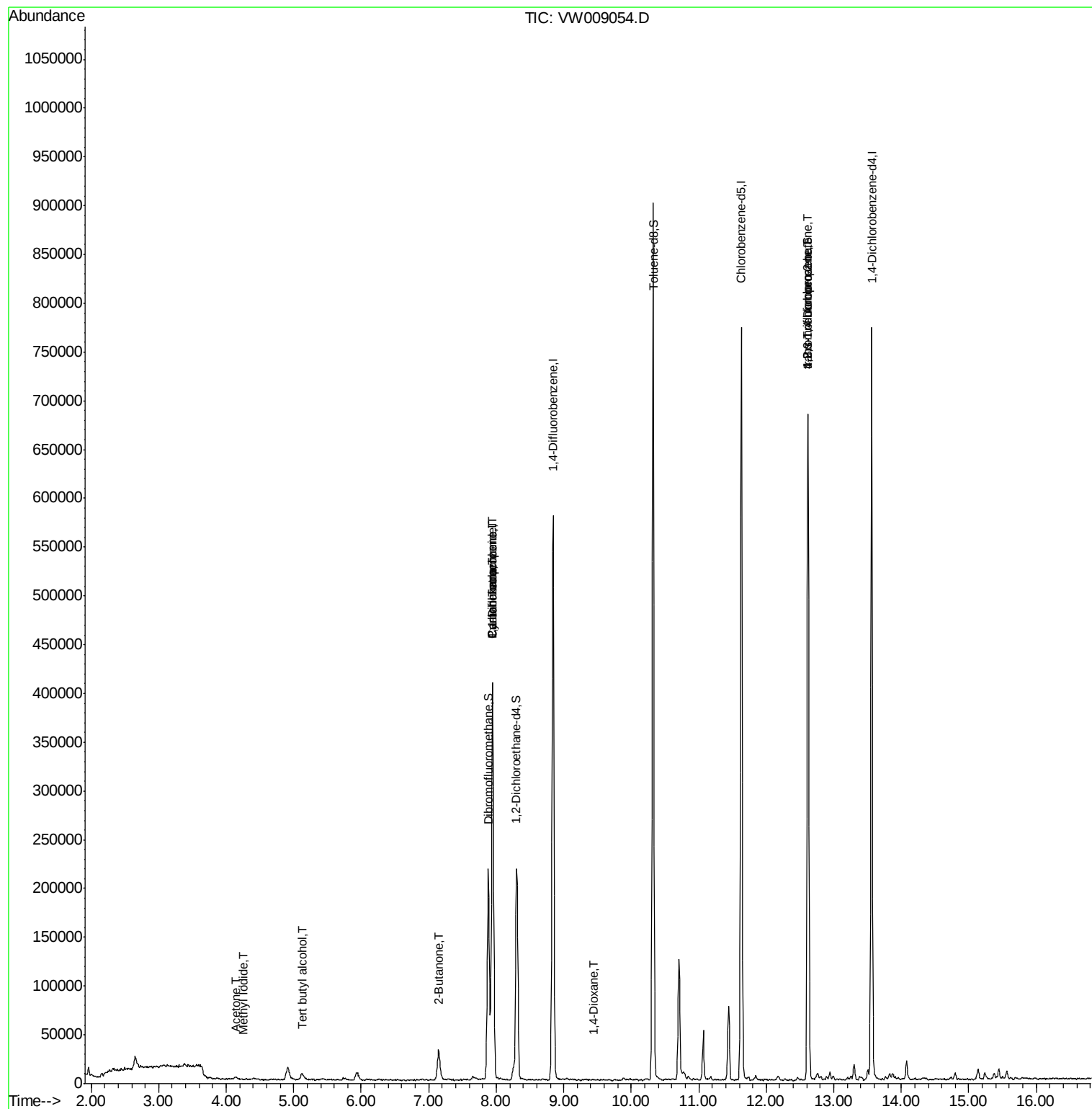
					Qvalue	
10) Methyl Iodide	4.26	142	138	3.225	ug/l #	60
11) Tert butyl alcohol	5.12	59	5532	23.753	ug/l #	76
16) Acetone	4.14	43	5870	8.559	ug/l	95
20) Methylene Chloride	4.92	84	9033	Below Cal		86
25) 2-Butanone	7.14	43	2026	2.137	ug/l #	82
31) Cyclohexane	7.95	56	6859	1.210	ug/l #	6
36) 1,1-Dichloropropene	7.95	75	23338	4.732	ug/l #	51
38) Carbon Tetrachloride	7.95	117	30103	5.911	ug/l #	17
49) 1,4-Dioxane	9.45	88	184	7.136	ug/l #	46
76) 1,2,3-Trichloropropane	12.62	75	102343	68.553	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	102343	153.334	ug/l #	5

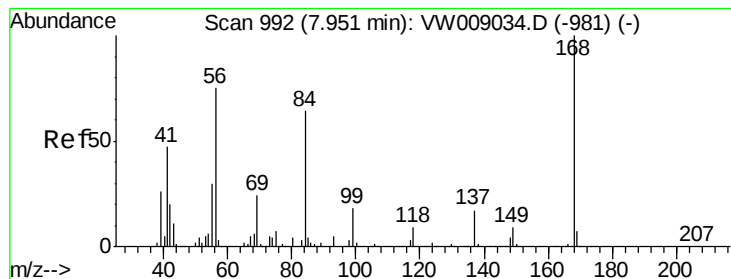
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW030819\
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Operator : SY/VA
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Quant Time: Mar 09 01:18:35 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 05:22:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW009054.D

Acq: 08 Mar 2019 14:53

Instrument :

MSVOA_W

ClientSampleId :

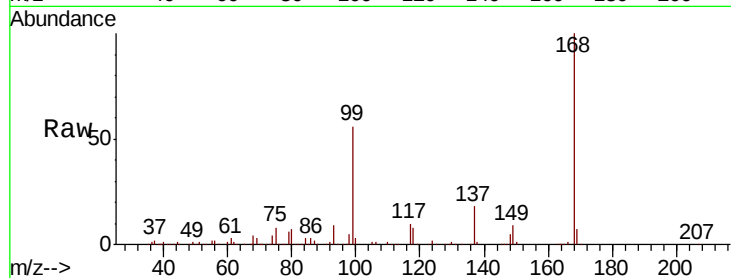
VW0308SBL01

Tot Ion:168 Resp: 302084

Ion Ratio Lower Upper

168 100

99 55.6 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

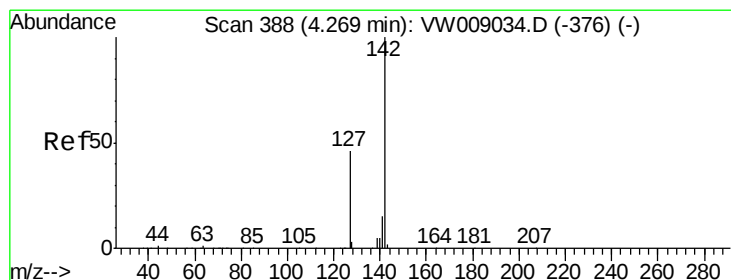
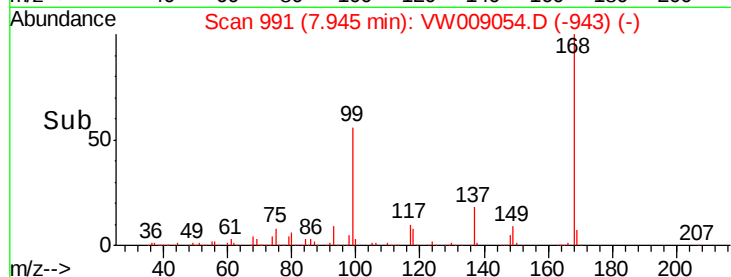
150000

100000

50000

0

Time-->



#10

Methyl Iodide

Concen: 3.225 ug/l

RT: 4.26 min Scan# 386

Delta R.T. -0.01 min

Lab File: VW009054.D

Acq: 08 Mar 2019 14:53

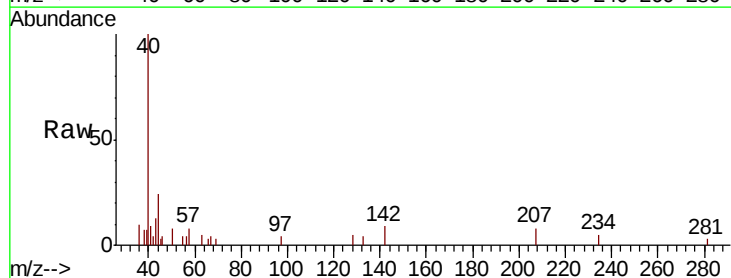
Tgt Ion:142 Resp: 138

Ion Ratio Lower Upper

142 100

127 17.4 35.8 53.6#

141 0.0 11.8 17.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

4.26

200

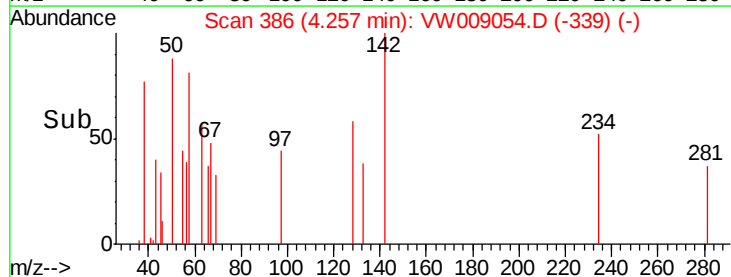
150

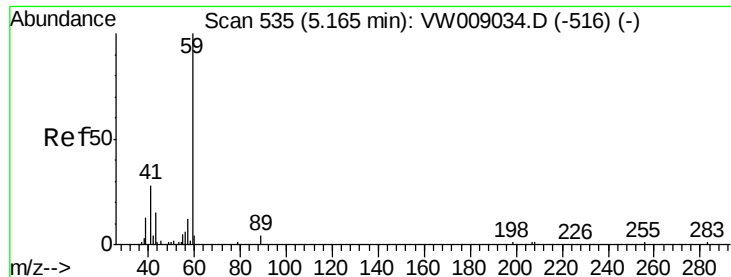
100

50

0

Time-->

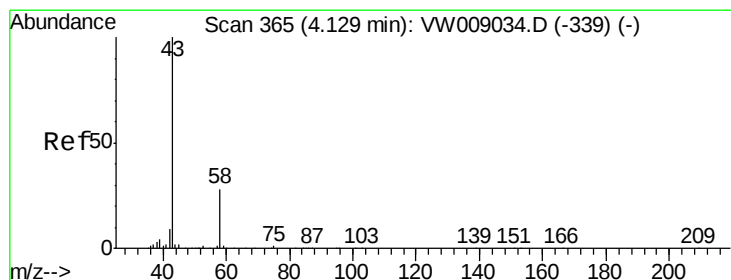
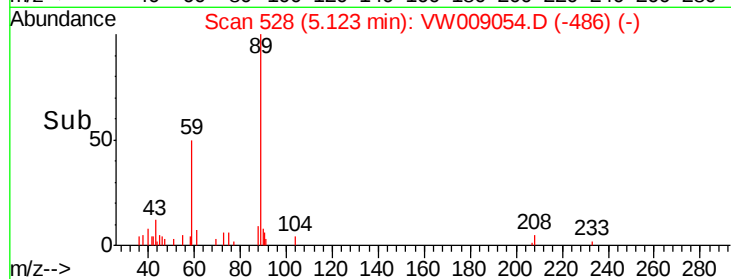
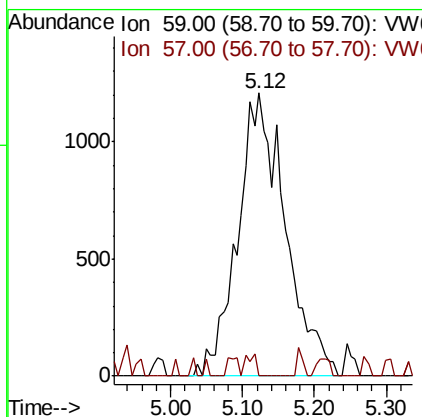
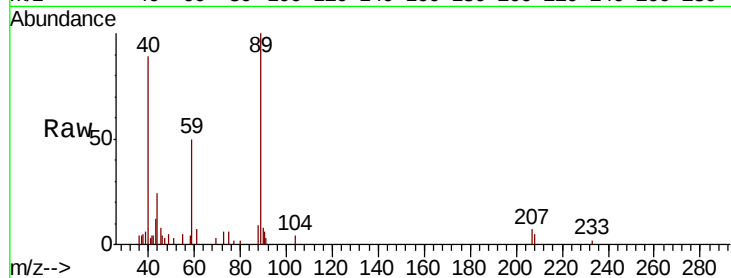




#11
Tert butyl alcohol
Concen: 23.753 ug/l
RT: 5.12 min Scan# 528
Delta R.T. -0.04 min
Lab File: VW009054.D
Acq: 08 Mar 2019 14:53

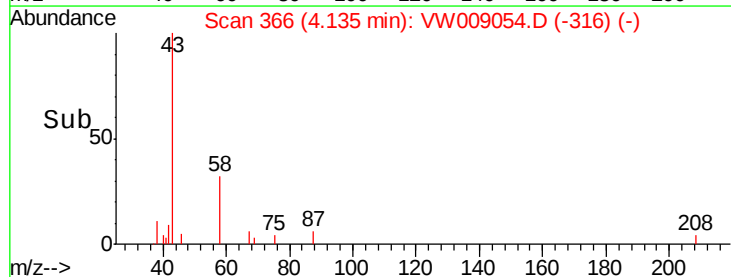
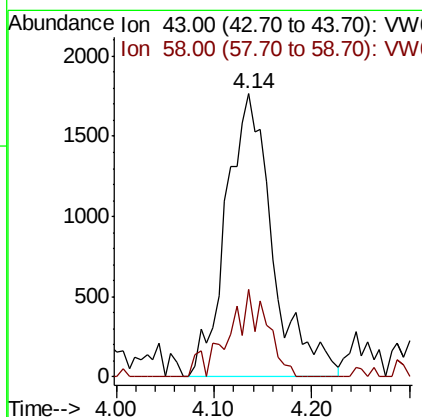
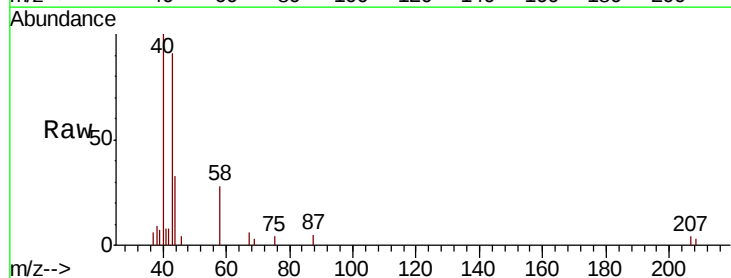
Instrument :
MSVOA_W
ClientSampled :
VW0308SBL01

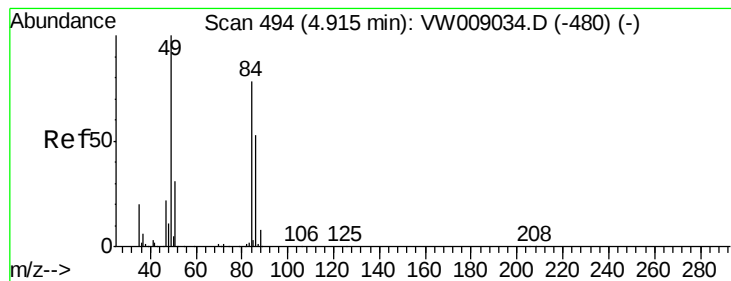
Tot Ion: 59 Resp: 5532
Ion Ratio Lower Upper
59 100
57 1.6 8.6 12.8#



#16
Acetone
Concen: 8.559 ug/l
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW009054.D
Acq: 08 Mar 2019 14:53

Tgt Ion: 43 Resp: 5870
Ion Ratio Lower Upper
43 100
58 30.7 22.5 33.7



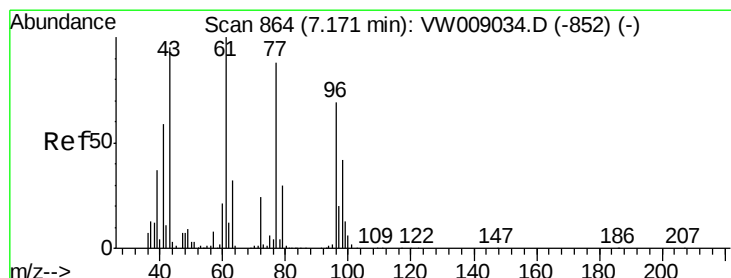
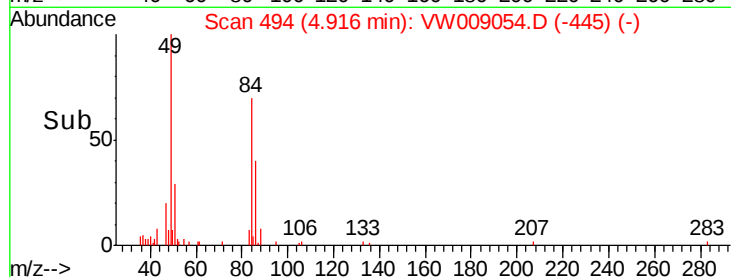
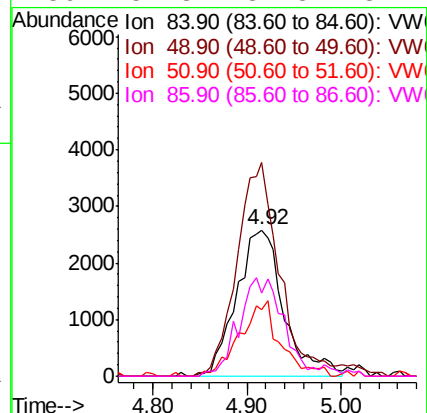
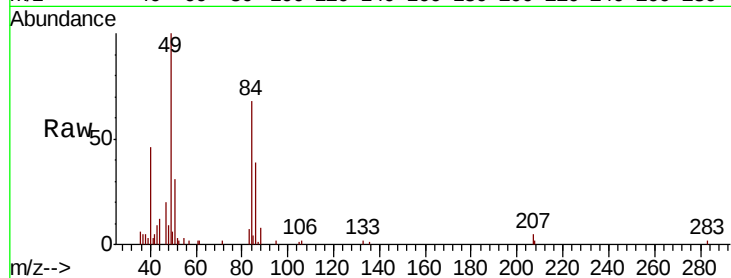


#20

Methylene Chloride
 Concen: Below Cal
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW009054.D
 Acq: 08 Mar 2019 14:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0308SBL01

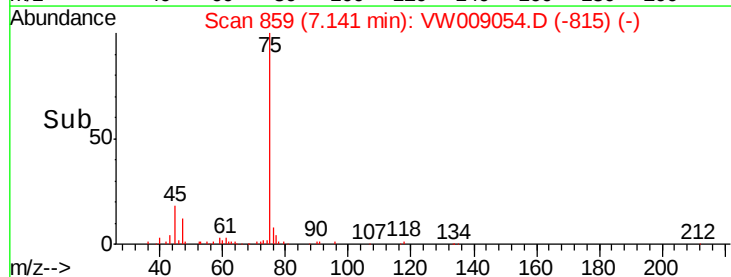
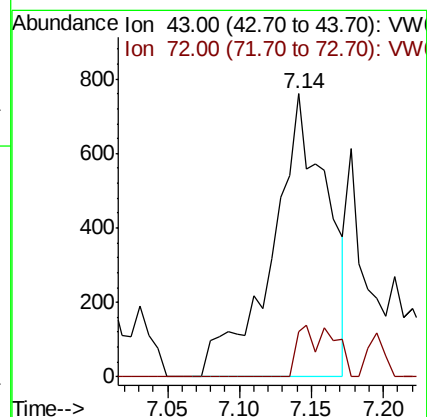
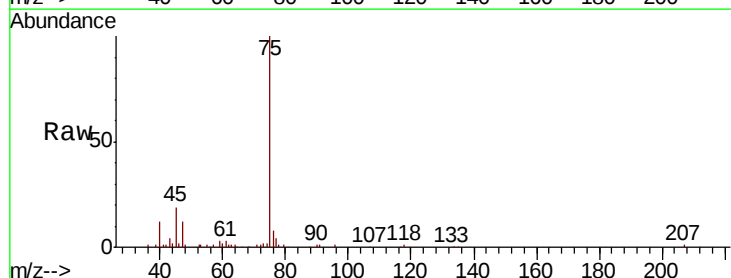
Tot Ion	84	Resp	9033
Ion	Ratio	Lower	Upper
84	100		
49	146.4	102.4	153.6
51	46.0	31.6	47.4
86	57.3	54.5	81.7

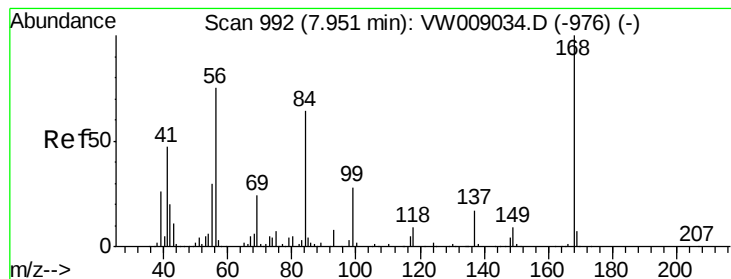


#25

2-Butanone
 Concen: 2.137 ug/l
 RT: 7.14 min Scan# 859
 Delta R.T. -0.03 min
 Lab File: VW009054.D
 Acq: 08 Mar 2019 14:53

Tgt Ion	43	Resp	2026
Ion	Ratio	Lower	Upper
43	100		
72	15.9	20.0	30.0#





#31

Cyclohexane

Concen: 1.210 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW009054.D

Acq: 08 Mar 2019 14:53

Instrument :

MSVOA_W

ClientSampleId :

VW0308SBL01

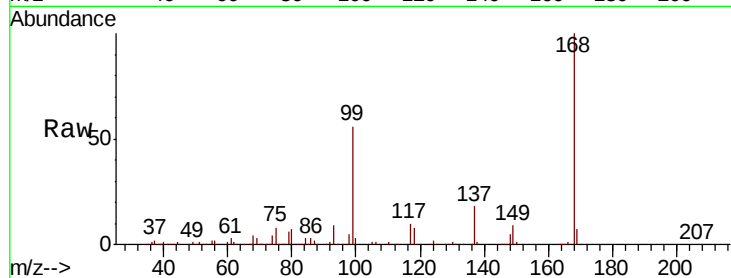
Tot Ion: 56 Resp: 6859

Ion Ratio Lower Upper

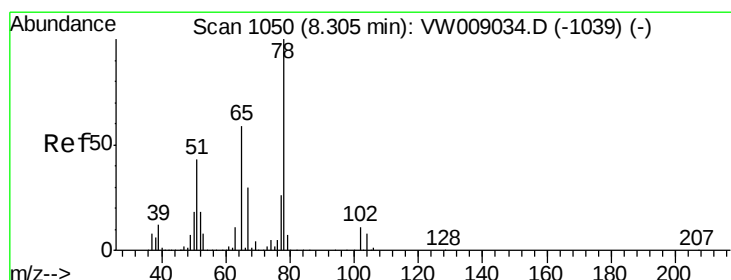
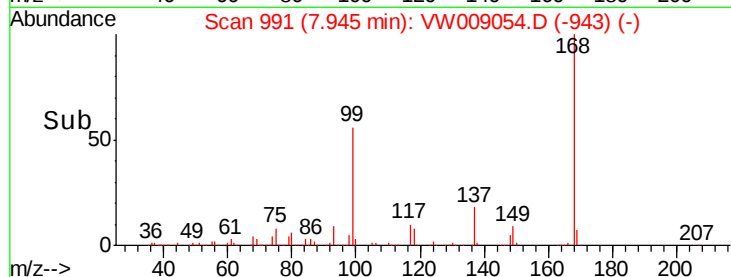
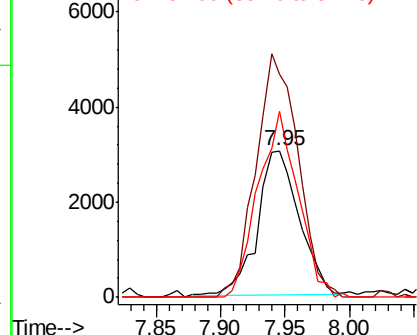
56 100

69 155.1 25.5 38.3#

84 128.8 68.6 103.0#



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: 55.384 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW009054.D

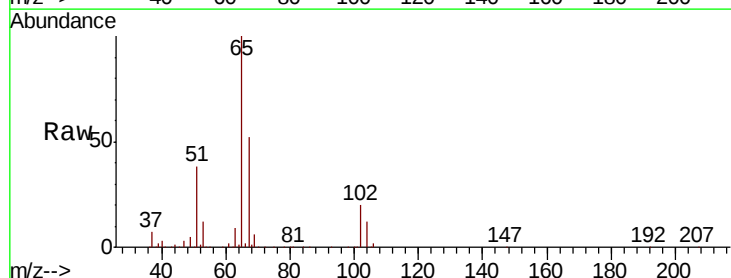
Acq: 08 Mar 2019 14:53

Tgt Ion: 65 Resp: 168326

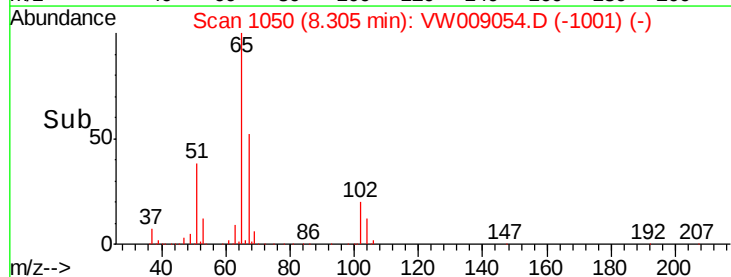
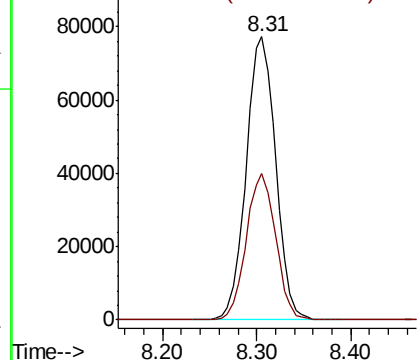
Ion Ratio Lower Upper

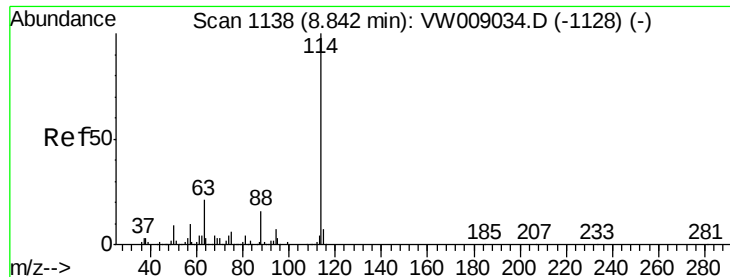
65 100

67 51.6 0.0 103.0



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

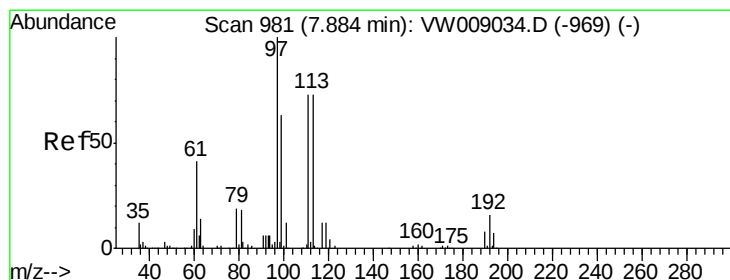
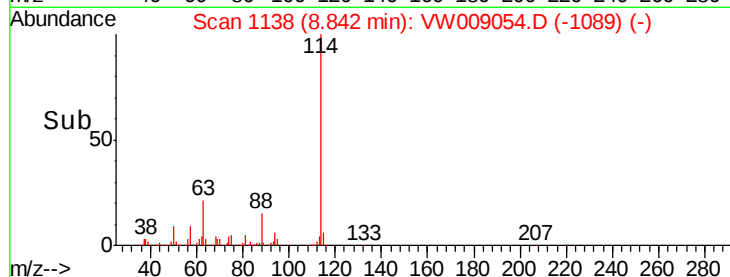
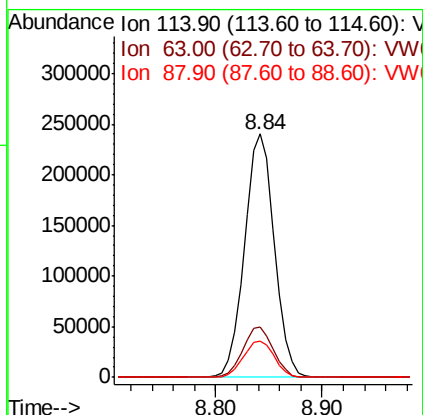
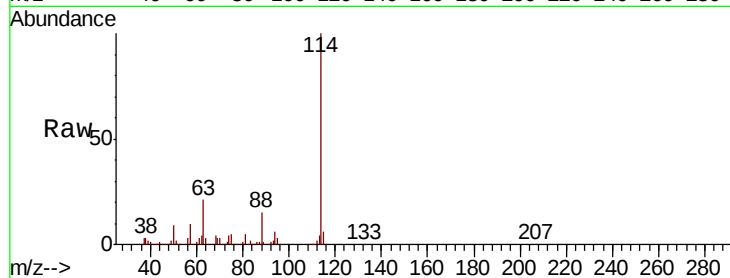




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009054.D
 Acq: 08 Mar 2019 14:53

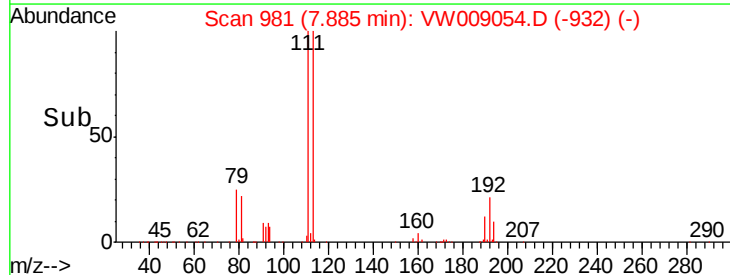
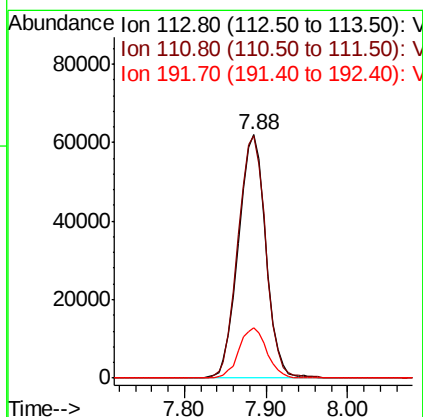
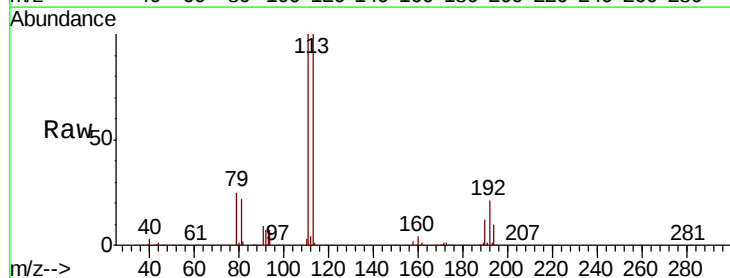
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0308SBL01

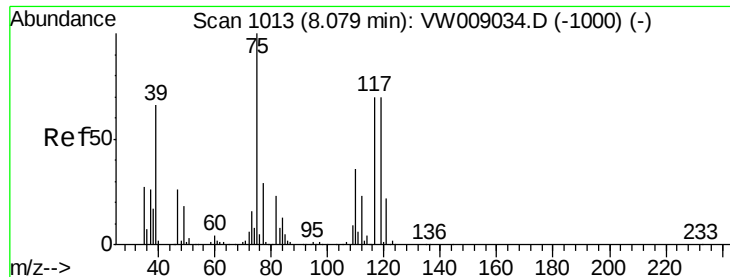
Tot Ion:114 Resp: 471653
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.2
 88 15.1 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 50.758 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW009054.D
 Acq: 08 Mar 2019 14:53

Tgt Ion:113 Resp: 144142
 Ion Ratio Lower Upper
 113 100
 111 100.7 81.0 121.4
 192 21.0 17.1 25.7

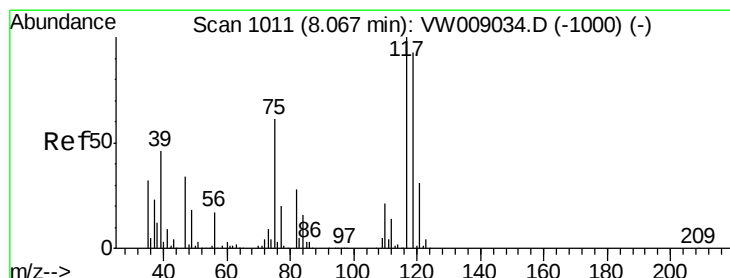
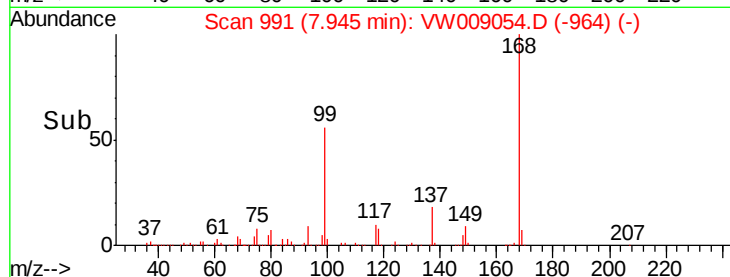
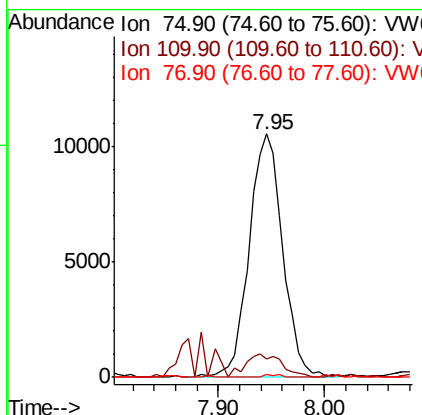
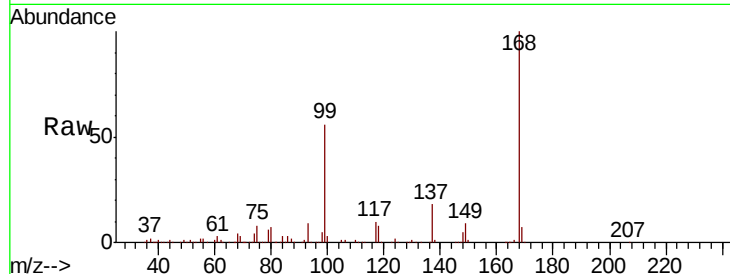




#36
 1,1-Dichloropropene
 Concen: 4.732 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW009054.D
 Acq: 08 Mar 2019 14:53

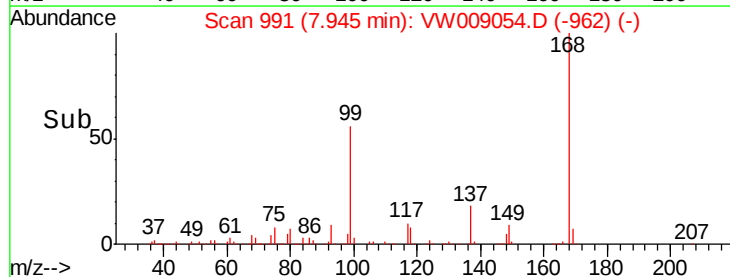
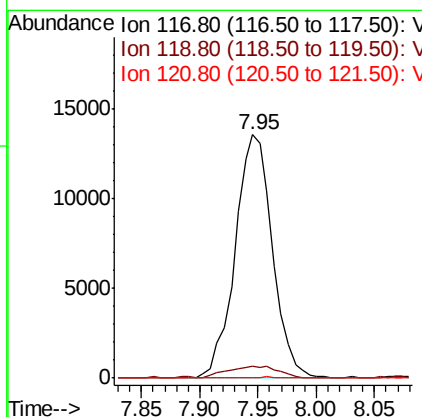
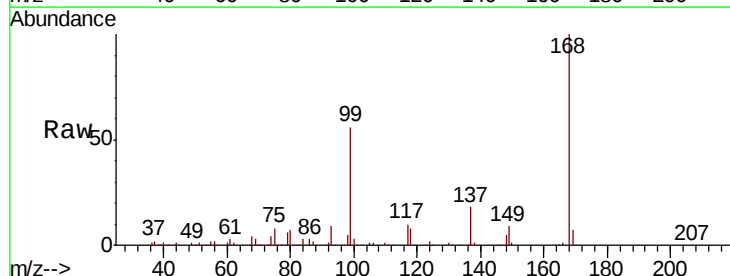
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0308SBL01

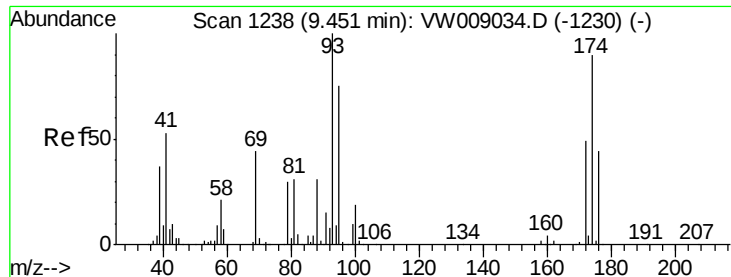
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.3	17.6	52.9#
77	0.5	25.1	37.7#



#38
 Carbon Tetrachloride
 Concen: 5.911 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW009054.D
 Acq: 08 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	74.6	112.0#
121	0.0	24.7	37.1#





#49

1,4-Dioxane

Concen: 7.136 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.01 min

Lab File: VW009054.D

Acq: 08 Mar 2019 14:53

Instrument :

MSVOA_W

ClientSampleId :

VW0308SBL01

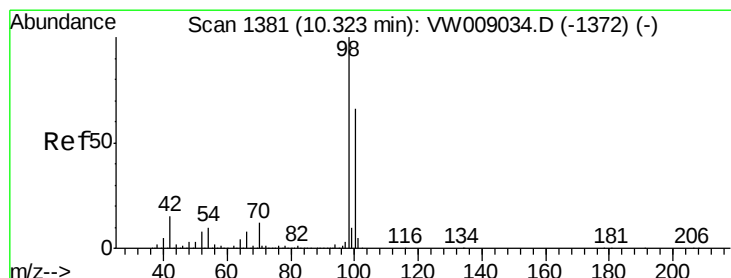
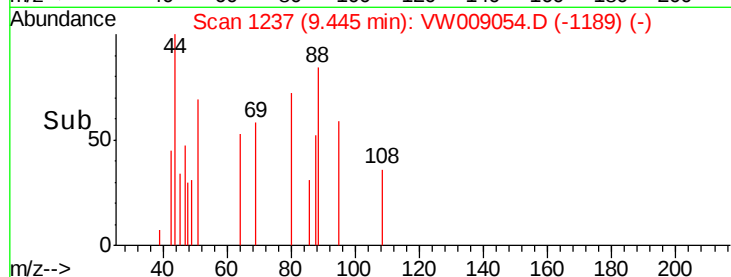
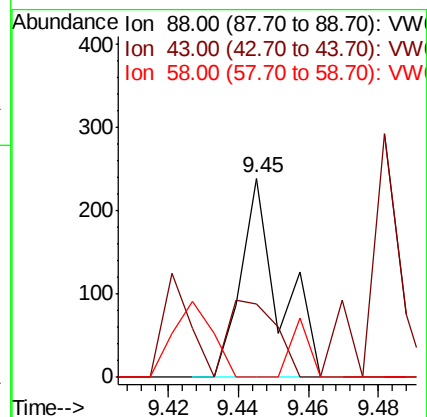
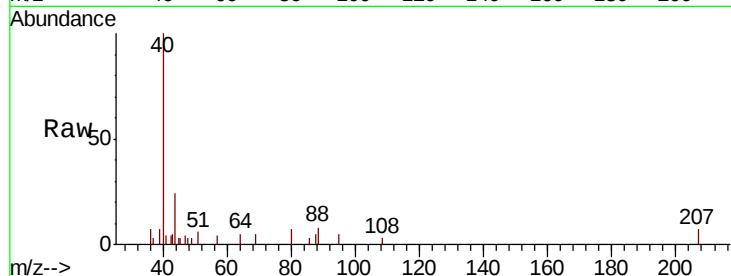
Tot Ion: 88 Resp: 184

Ion Ratio Lower Upper

88 100

43 47.8 29.0 43.4#

58 14.1 59.2 88.8#



#50

Toluene-d8

Concen: 48.077 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009054.D

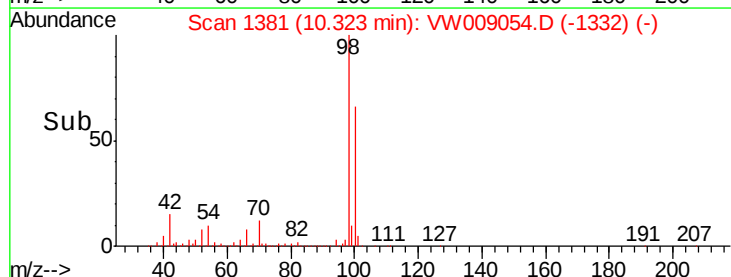
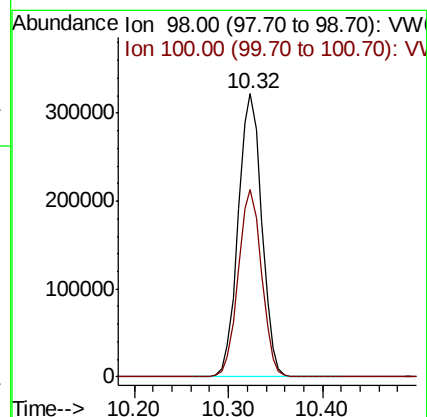
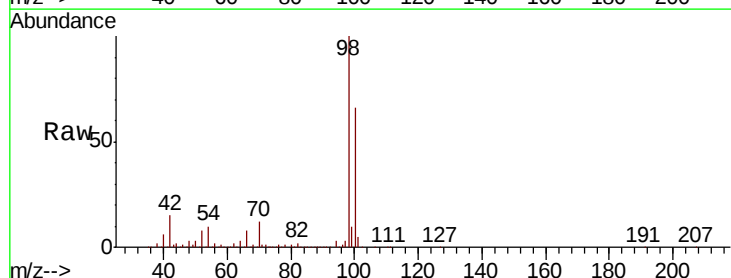
Acq: 08 Mar 2019 14:53

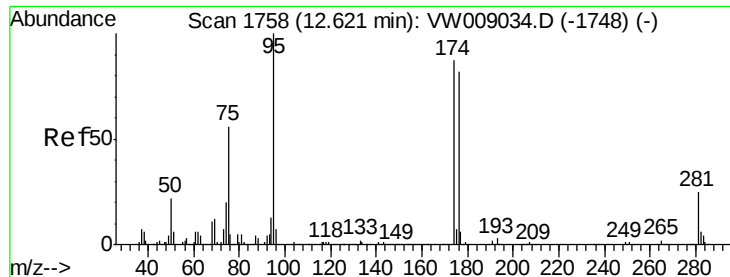
Tgt Ion: 98 Resp: 560735

Ion Ratio Lower Upper

98 100

100 65.7 51.9 77.9

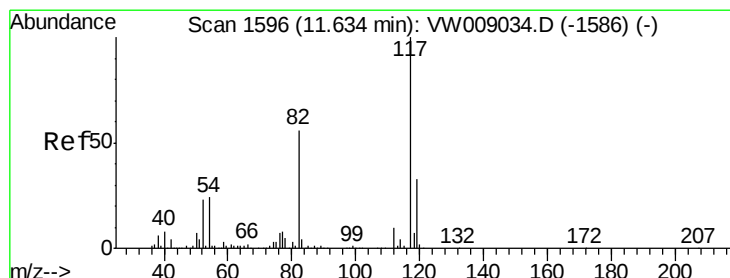
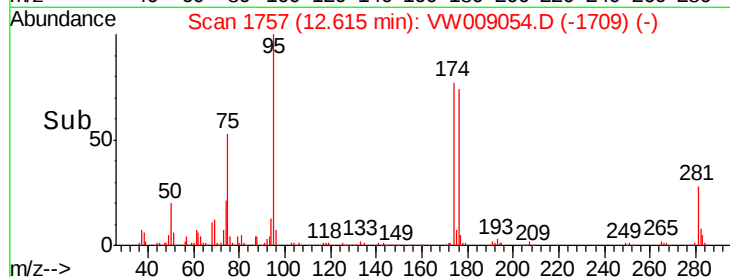
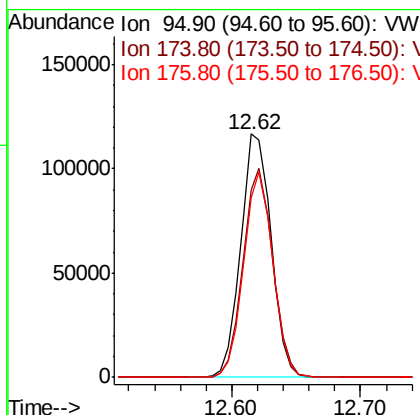
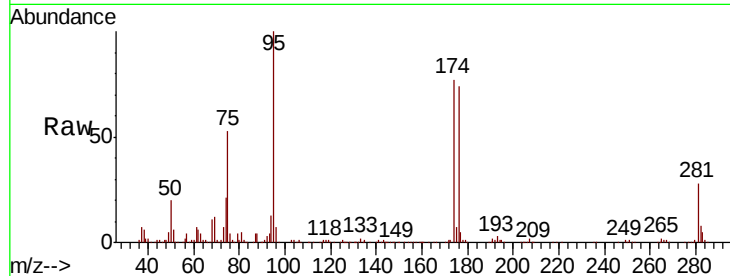




#62
4-Bromofluorobenzene
Concen: 41.340 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW009054.D
Acq: 08 Mar 2019 14:53

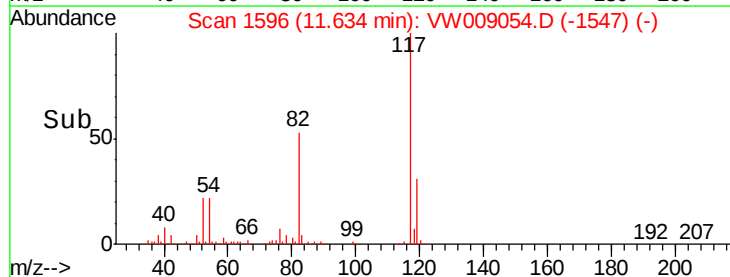
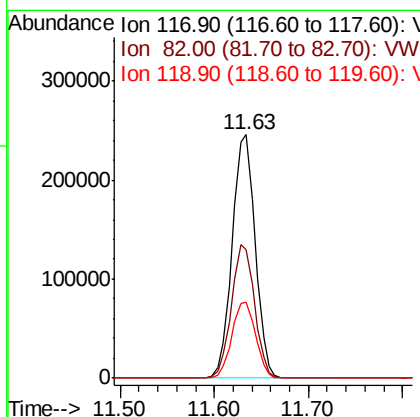
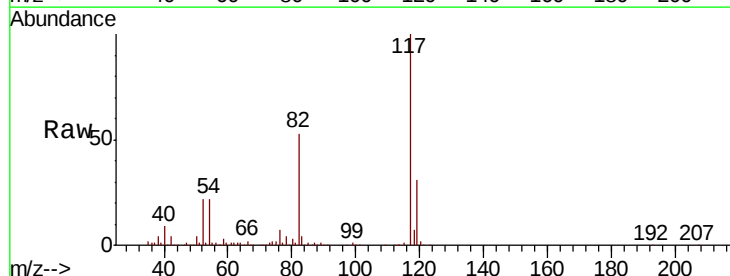
Instrument :
MSVOA_W
ClientSampleId :
VW0308SBL01

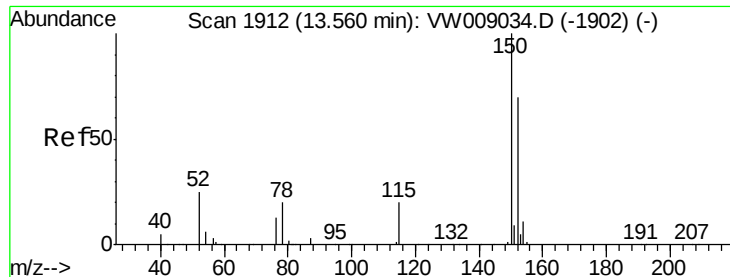
Tot Ion	95	Resp	189807
Ion Ratio	100		
Lower		0.0	167.0
Upper		0.0	159.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009054.D
Acq: 08 Mar 2019 14:53

Tgt Ion	117	Resp	417195
Ion Ratio	100		
Lower		45.0	67.6
Upper		26.6	39.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW009054.D

Acq: 08 Mar 2019 14:53

Instrument :

MSVOA_W

ClientSampleId :

VW0308SBL01

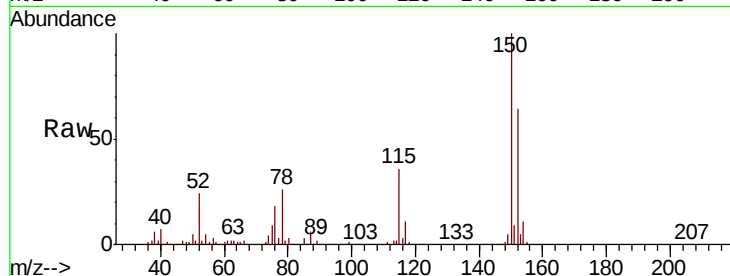
Tot Ion:152 Resp: 188956

Ion Ratio Lower Upper

152 100

115 57.1 28.9 86.7

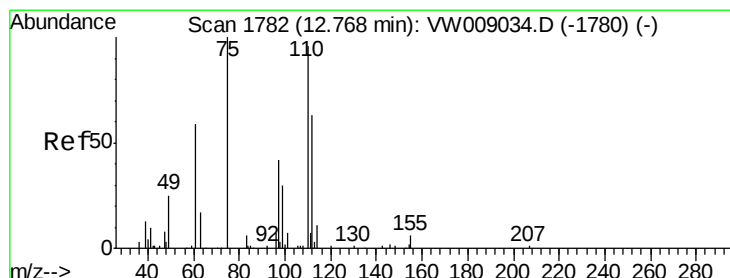
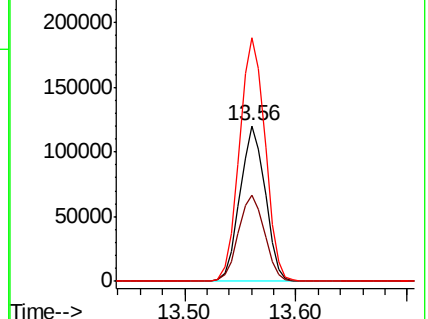
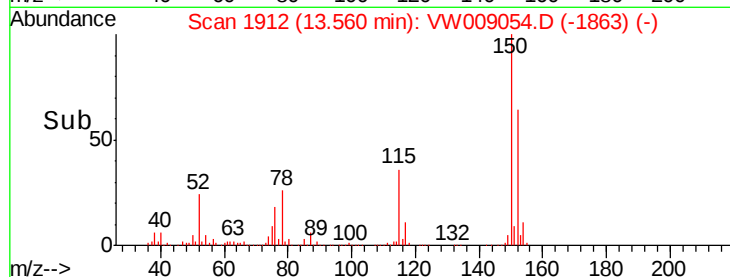
150 159.1 0.0 349.2



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: 68.553 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW009054.D

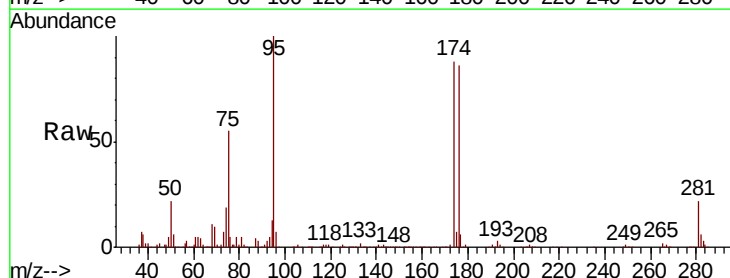
Acq: 08 Mar 2019 14:53

Tgt Ion: 75 Resp: 102343

Ion Ratio Lower Upper

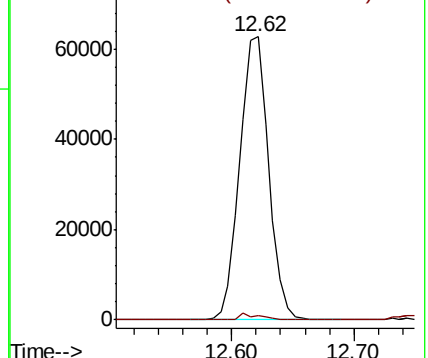
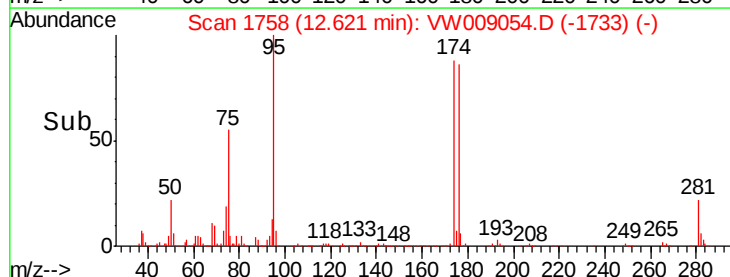
75 100

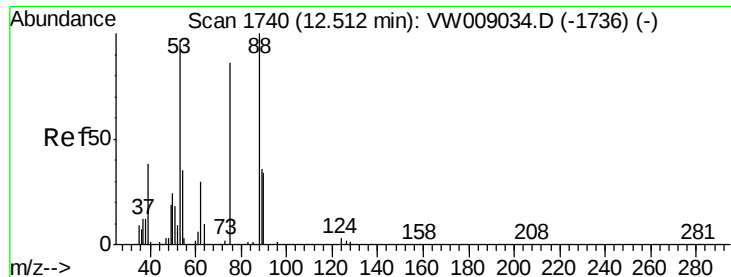
77 1.7 186.7 560.0#



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: 153.334 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW009054.D

Acq: 08 Mar 2019 14:53

Instrument :

MSVOA_W

ClientSampleId :

VW0308SBL01

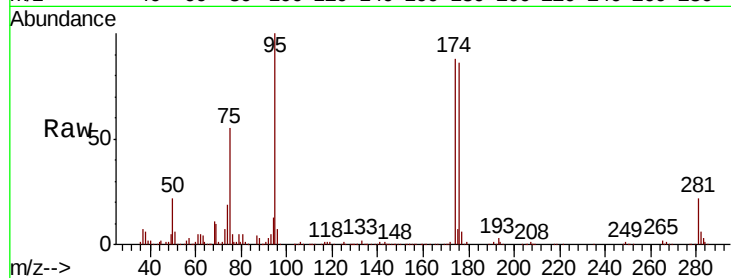
Tot Ion: 75 Resp: 102343

Ion Ratio Lower Upper

75 100

53 0.2 90.5 135.7#

89 0.2 37.5 56.3#



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

