

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022819\
 Data File : VW008888.D
 Acq On : 28 Feb 2019 15:36
 Operator : SY/VA
 Sample : K1650-11
 Misc : 5.57G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-5(9-10)

Quant Time: Mar 01 06:00:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	373145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	574461	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	517083	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	243147	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	206114	58.89	ug/l	0.00
Spiked Amount			Recovery	=	117.78%	
35) Dibromofluoromethane	7.88	113	173158	50.20	ug/l	0.00
Spiked Amount			Recovery	=	100.40%	
50) Toluene-d8	10.32	98	685160	51.46	ug/l	0.00
Spiked Amount			Recovery	=	102.92%	
62) 4-Bromofluorobenzene	12.62	95	238296	45.71	ug/l	0.00
Spiked Amount			Recovery	=	91.42%	

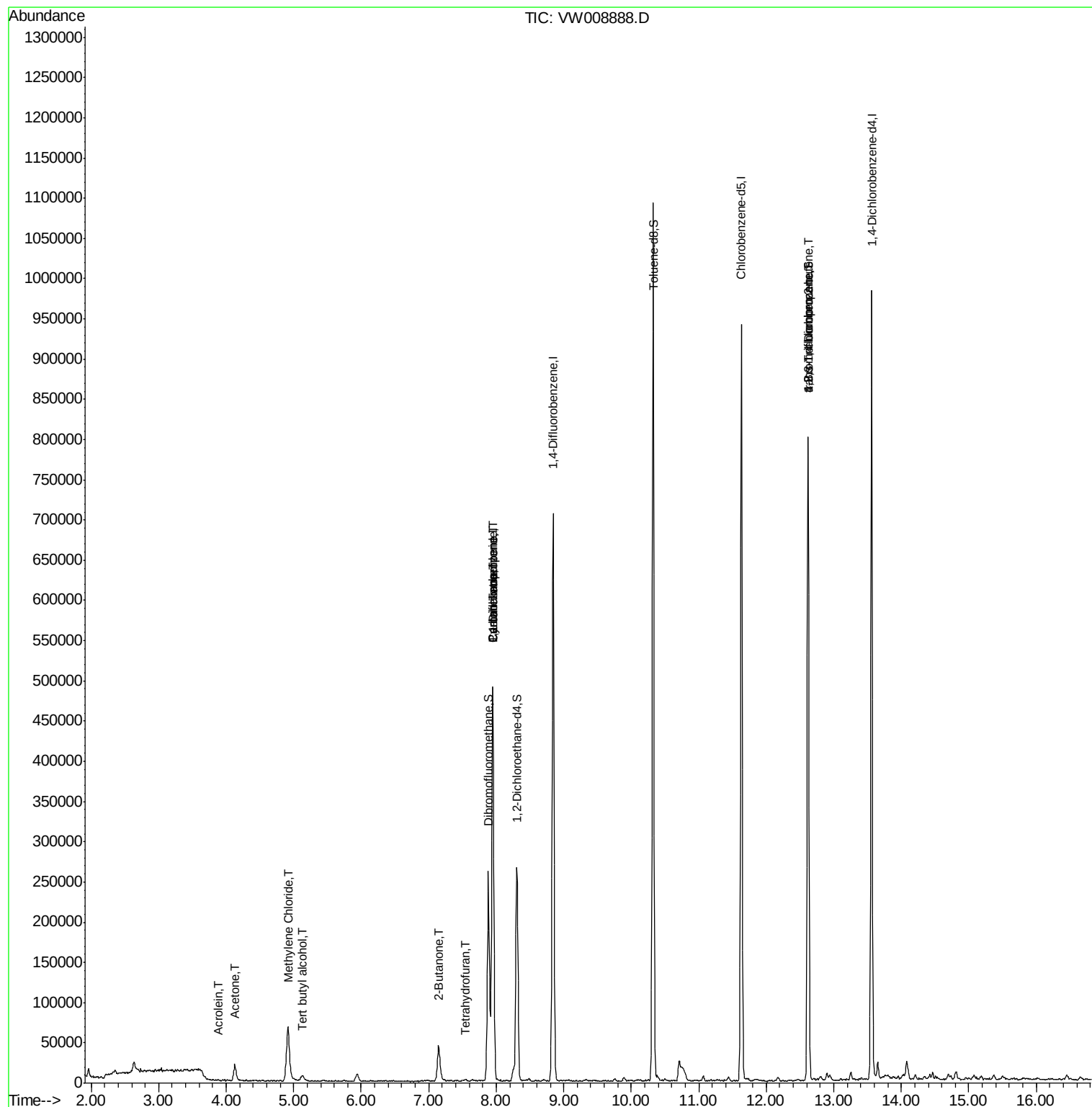
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.12	59	3807	12.219	ug/l #	71
13) Acrolein	3.89	56	241	20.455	ug/l	100
16) Acetone	4.13	43	34244	42.213	ug/l	100
20) Methylene Chloride	4.91	84	49931	8.226	ug/l	96
25) 2-Butanone	7.15	43	4346	3.832	ug/l	93
29) Tetrahydrofuran	7.55	42	2274	3.146	ug/l #	41
31) Cyclohexane	7.95	56	8925	1.353	ug/l #	31
36) 1,1-Dichloropropene	7.95	75	28162	5.036	ug/l #	51
38) Carbon Tetrachloride	7.95	117	35425	6.007	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	124612	62.073	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	124612	150.905	ug/l #	6

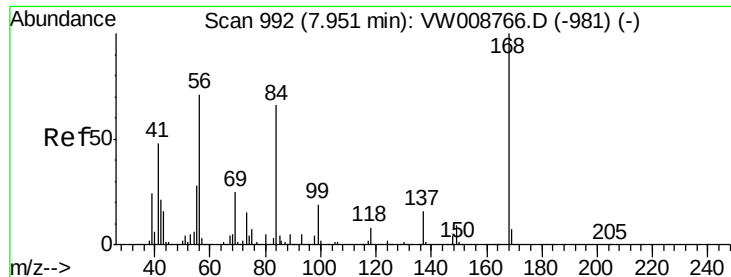
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW022819\
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B-5(9-10)

Quant Time: Mar 01 06:00:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
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: VW008888.D

Acq: 28 Feb 2019 15:36

Instrument :

MSVOA_W

ClientSampleId :

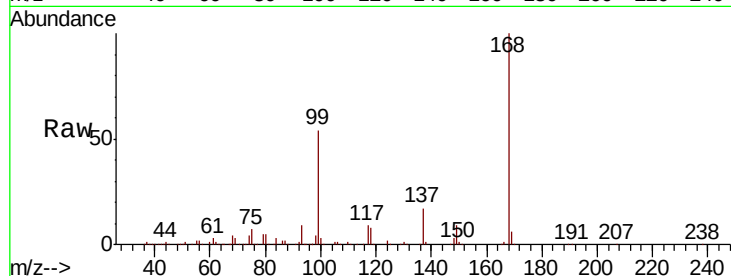
B-5(9-10)

Tot Ion:168 Resp: 373145

Ion Ratio Lower Upper

168 100

99 54.4 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

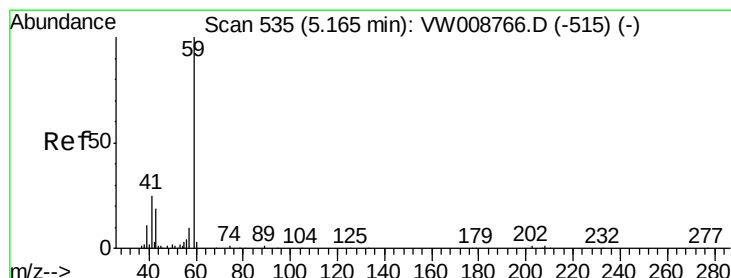
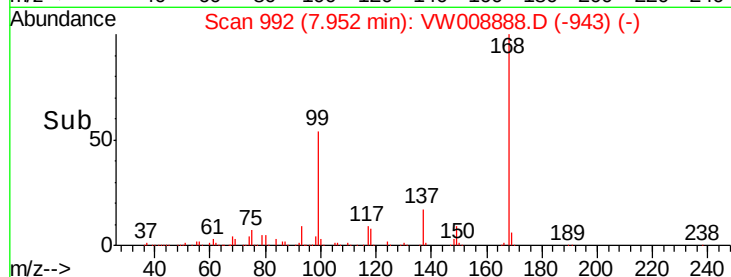
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 12.219 ug/l

RT: 5.12 min Scan# 528

Delta R.T. -0.04 min

Lab File: VW008888.D

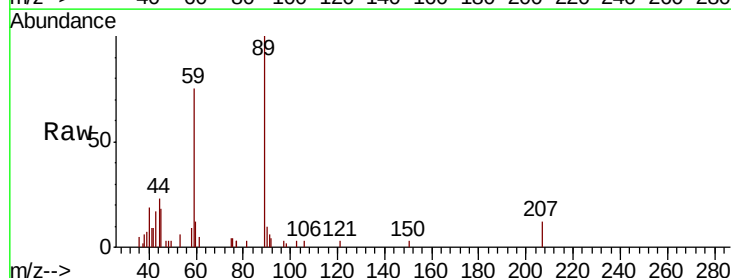
Acq: 28 Feb 2019 15:36

Tgt Ion: 59 Resp: 3807

Ion Ratio Lower Upper

59 100

57 0.5 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

2000

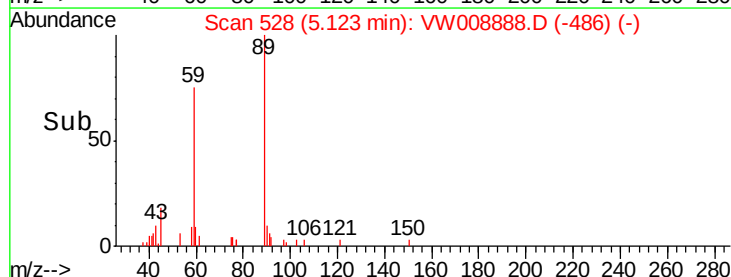
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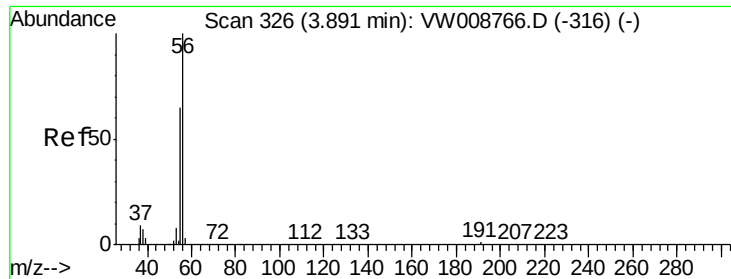
1000

500

0

Time-->

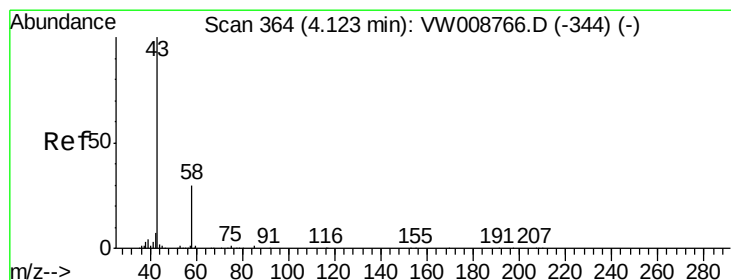
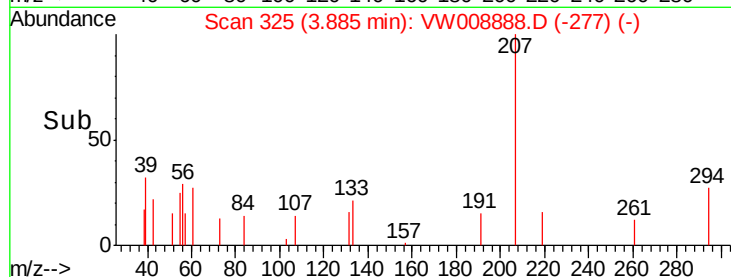
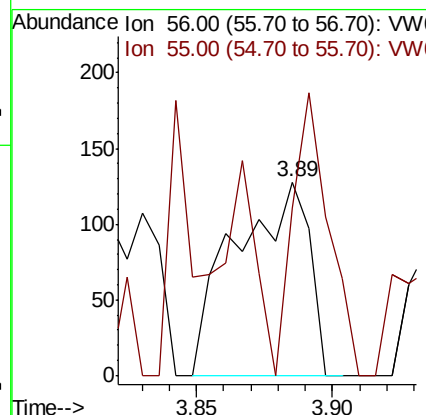
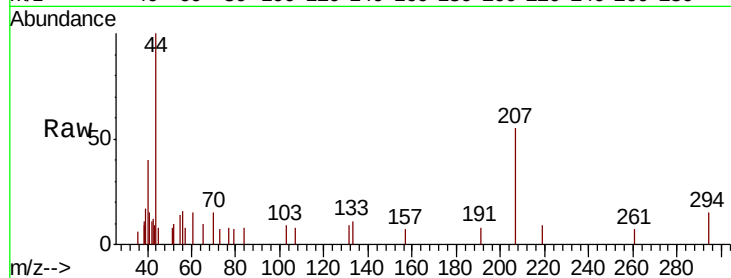




#13
Acrolein
Concen: 20.455 ug/l
RT: 3.89 min Scan# 325
Delta R.T. -0.01 min
Lab File: VW008888.D
Acq: 28 Feb 2019 15:36

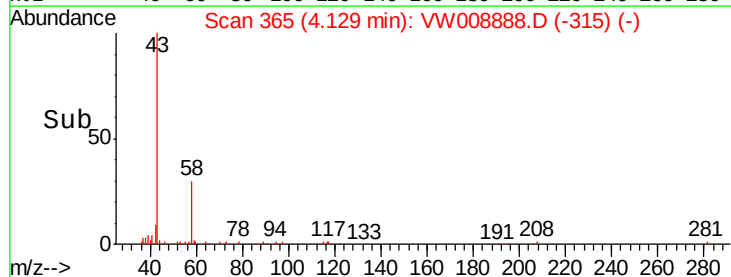
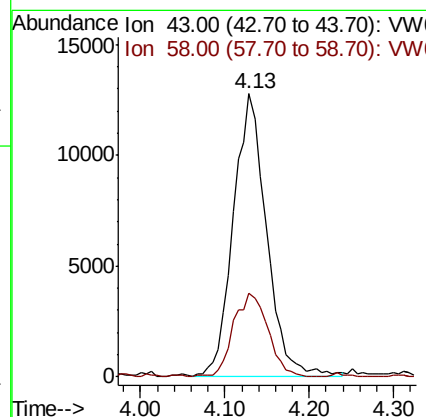
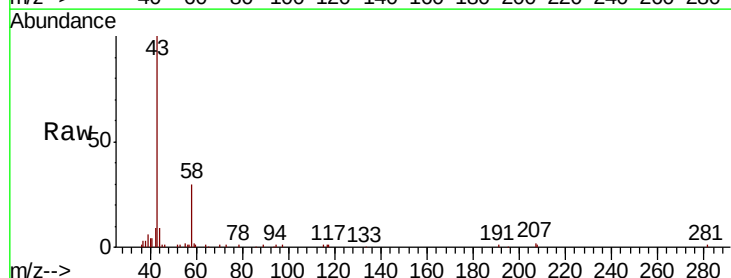
Instrument :
MSVOA_W
ClientSampleId :
B-5(9-10)

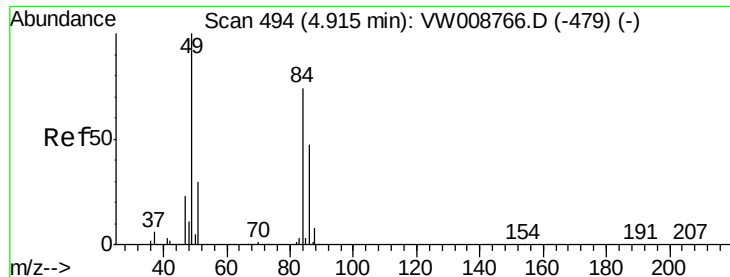
Tot Ion: 56 Resp: 241
Ion Ratio Lower Upper
56 100
55 71.0 56.9 85.3



#16
Acetone
Concen: 42.213 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW008888.D
Acq: 28 Feb 2019 15:36

Tgt Ion: 43 Resp: 34244
Ion Ratio Lower Upper
43 100
58 29.5 23.8 35.6

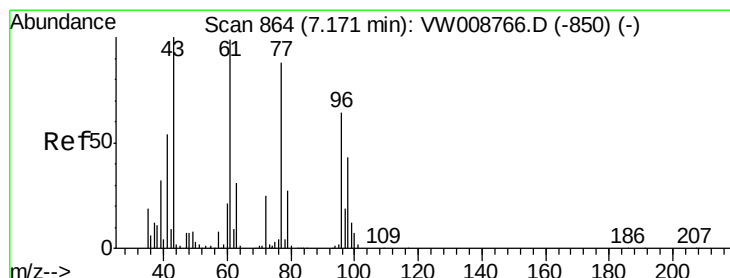
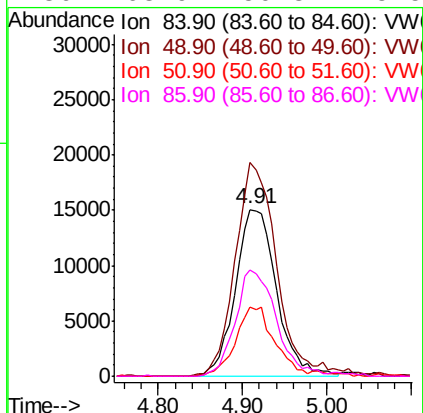
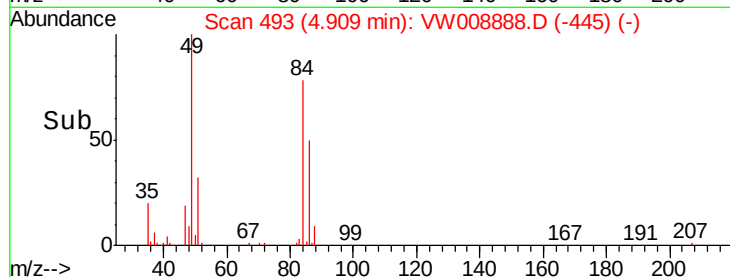
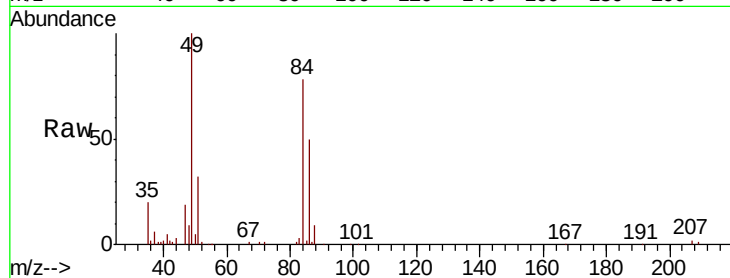




#20
Methvlene Chloride
Concen: 8.226 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW008888.D
Acq: 28 Feb 2019 15:36

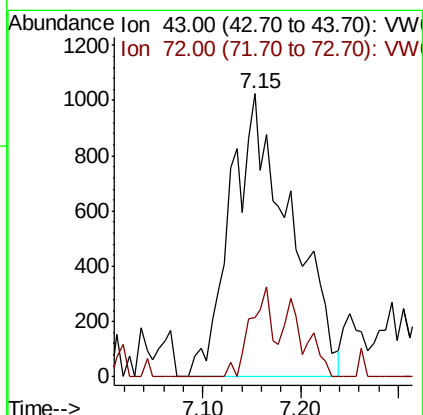
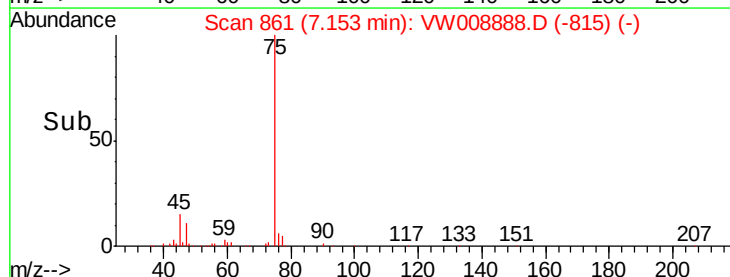
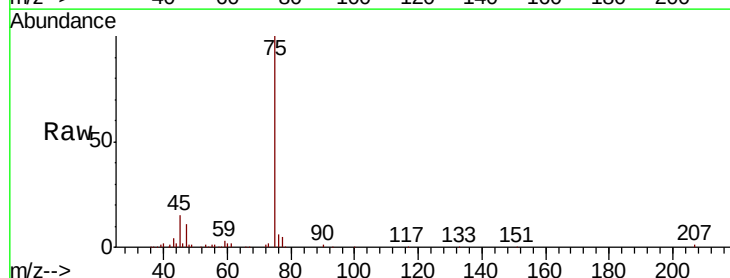
Instrument :
MSVOA_W
ClientSampleId :
B-5(9-10)

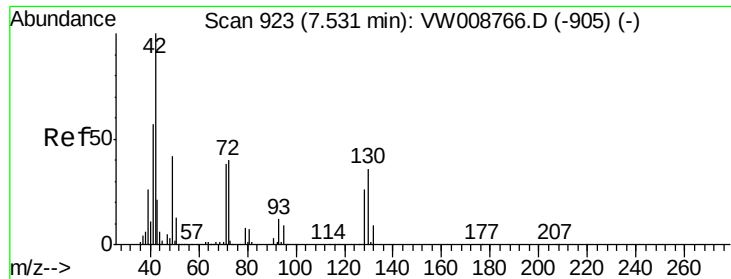
Tot Ion: 84 Resp: 49931
Ion Ratio Lower Upper
84 100
49 128.2 108.2 162.2
51 41.5 32.7 49.1
86 63.9 50.3 75.5



#25
2-Butanone
Concen: 3.832 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: VW008888.D
Acq: 28 Feb 2019 15:36

Tgt Ion: 43 Resp: 4346
Ion Ratio Lower Upper
43 100
72 21.1 19.7 29.5

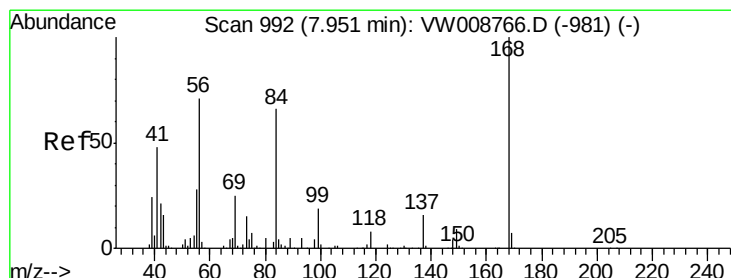
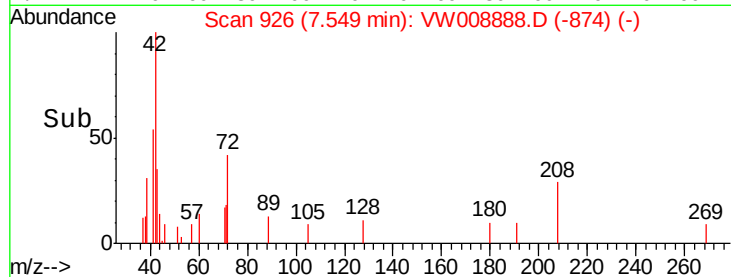
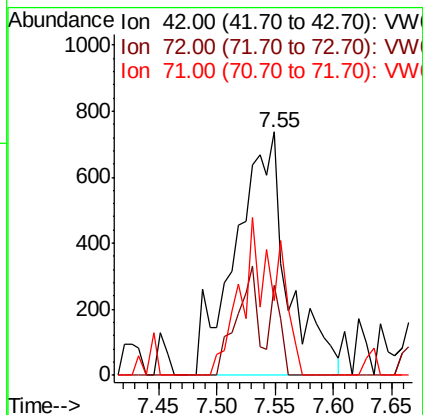
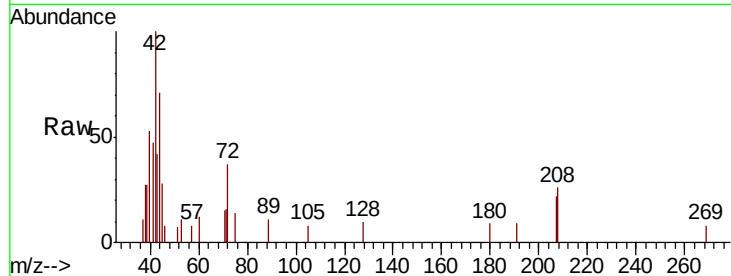




#29
Tetrahydrofuran
Concen: 3.146 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.02 min
Lab File: VW008888.D
Acq: 28 Feb 2019 15:36

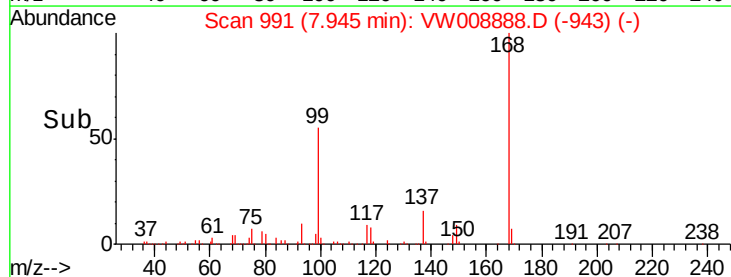
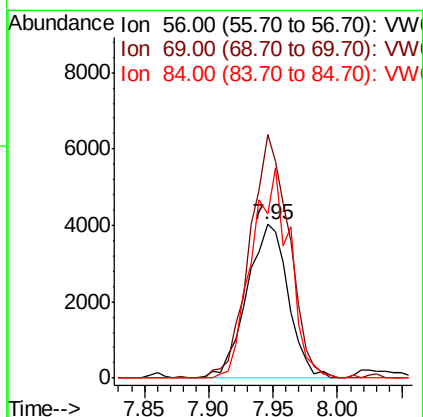
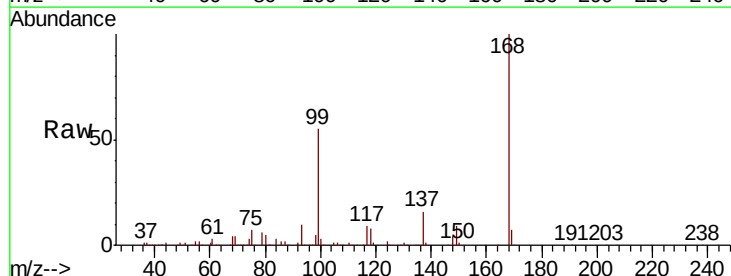
Instrument :
MSVOA_W
ClientSampled :
B-5(9-10)

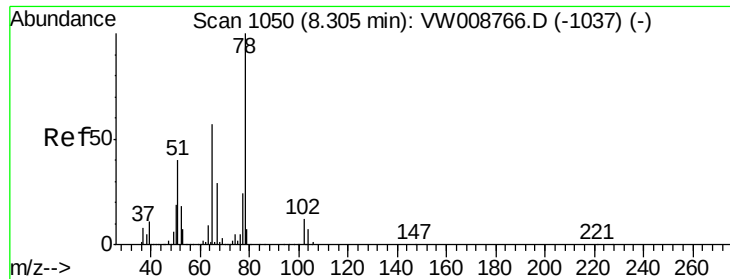
Tot Ion: 42 Resp: 2274
Ion Ratio Lower Upper
42 100
72 7.2 32.7 49.1#
71 0.0 31.3 46.9#



#31
Cyclohexane
Concen: 1.353 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008888.D
Acq: 28 Feb 2019 15:36

Tgt Ion: 56 Resp: 8925
Ion Ratio Lower Upper
56 100
69 158.6 28.2 42.4#
84 106.7 74.1 111.1

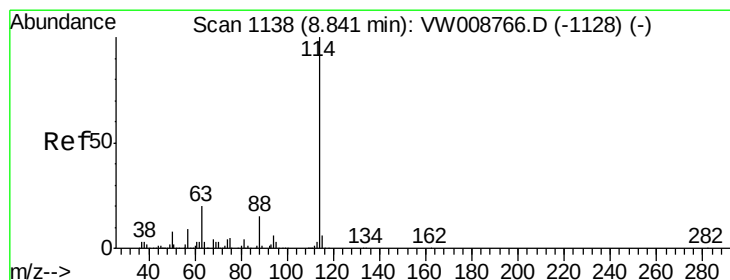
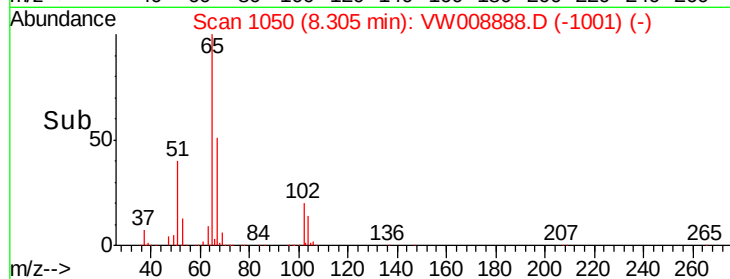
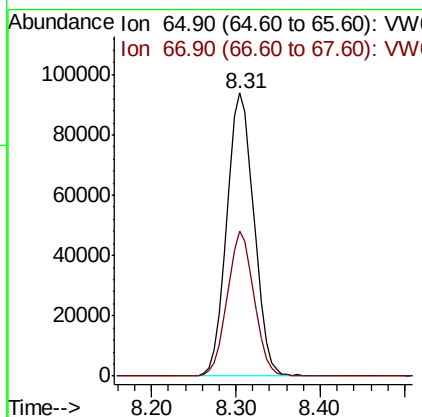
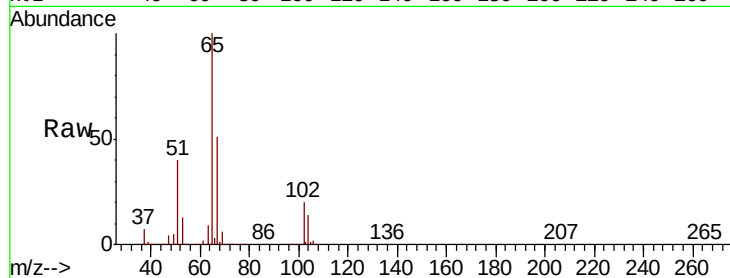




#33
 1,2-Dichloroethane-d4
 Concen: 58.894 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008888.D
 Acq: 28 Feb 2019 15:36

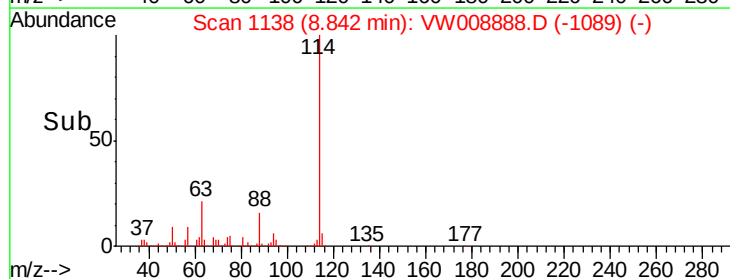
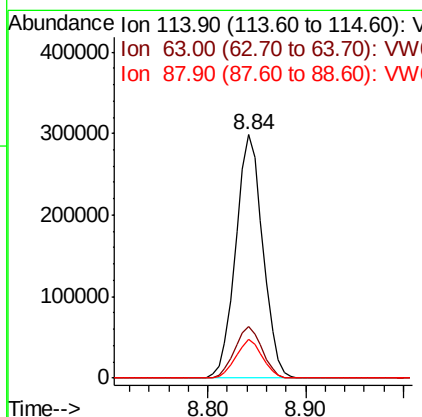
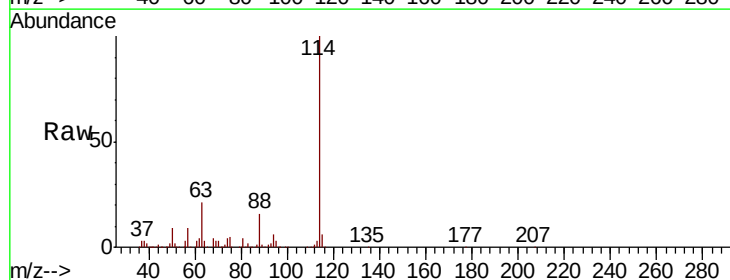
Instrument :
 MSVOA_W
 ClientSampled :
 B-5(9-10)

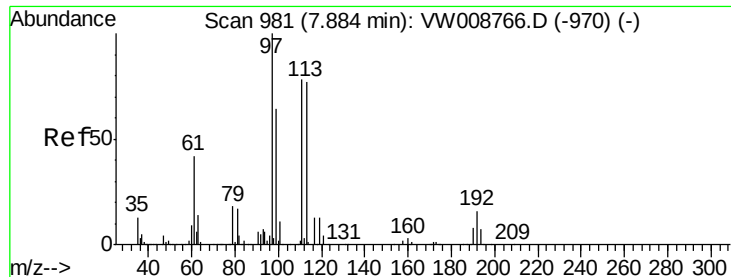
Tot Ion: 65 Resp: 206114
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008888.D
 Acq: 28 Feb 2019 15:36

Tgt Ion: 114 Resp: 574461
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 40.8
 88 15.7 0.0 30.4

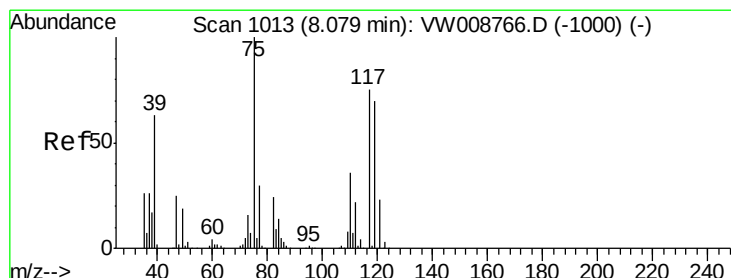
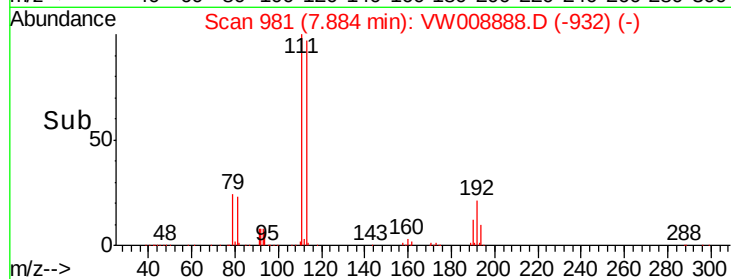
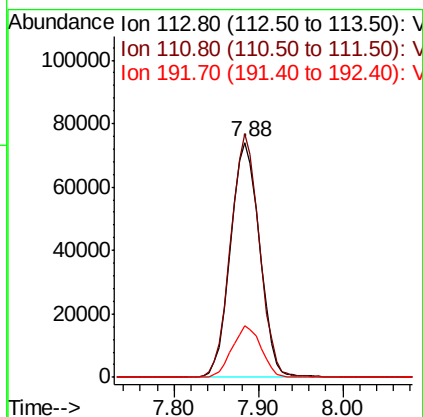
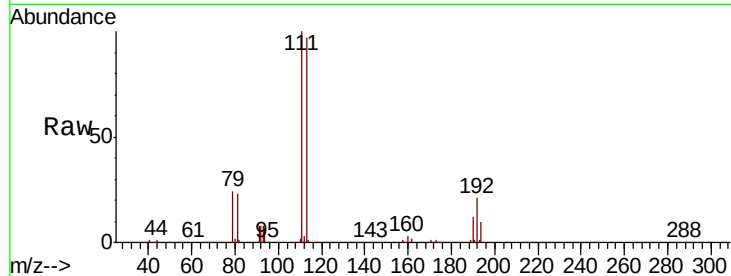




#35
 Dibromofluoromethane
 Concen: 50.203 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008888.D
 Acq: 28 Feb 2019 15:36

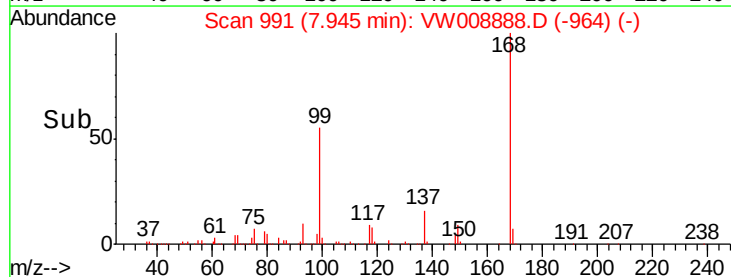
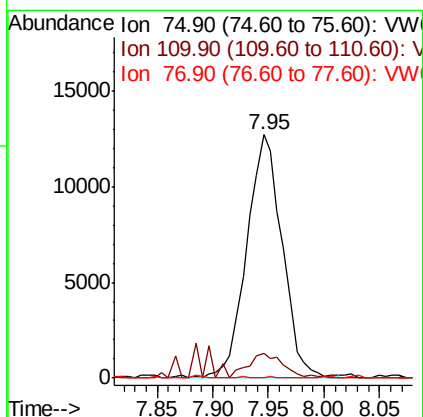
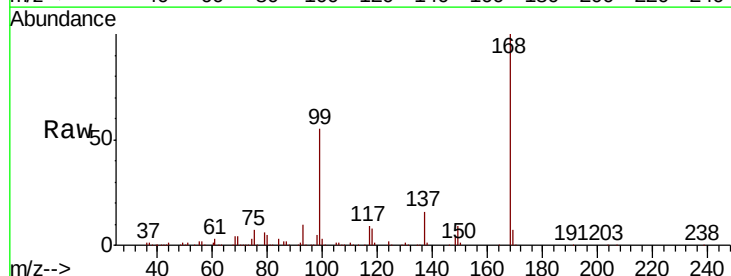
Instrument :
 MSVOA_W
 ClientSampleId :
 B-5(9-10)

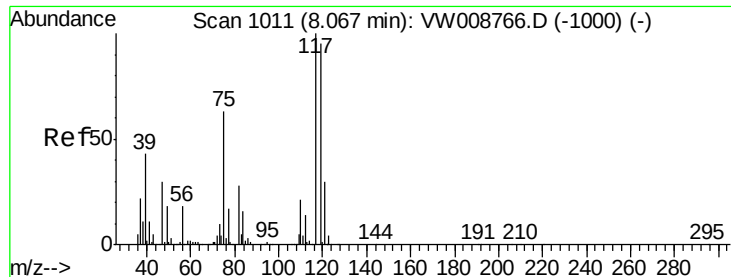
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.9	122.9
192	21.7	17.1	25.7



#36
 1,1-Dichloropropene
 Concen: 5.036 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008888.D
 Acq: 28 Feb 2019 15:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.2	17.5	52.6#
77	0.1	24.5	36.7#





#38

Carbon Tetrachloride

Concen: 6.007 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW008888.D

Acq: 28 Feb 2019 15:36

Instrument :

MSVOA_W

ClientSampled :

B-5(9-10)

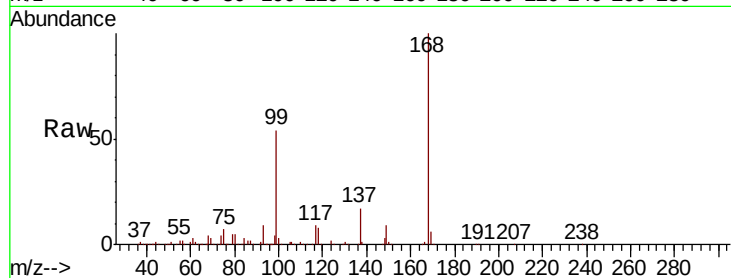
Tot Ion:117 Resp: 35425

Ion Ratio Lower Upper

117 100

119 3.8 76.1 114.1#

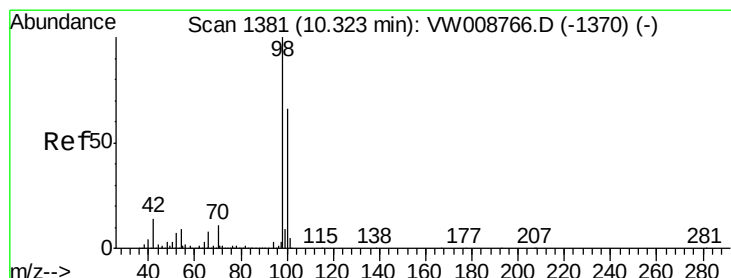
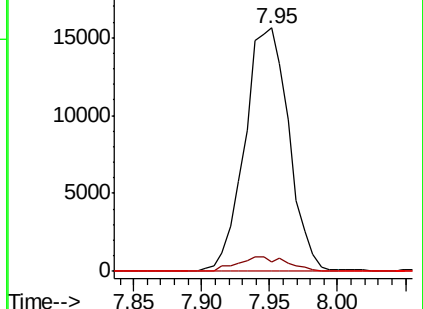
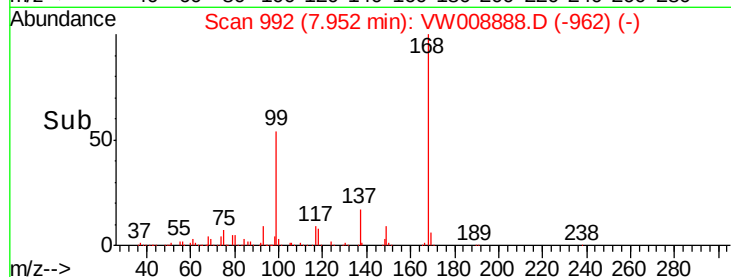
121 0.0 24.0 36.0#



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: 51.459 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008888.D

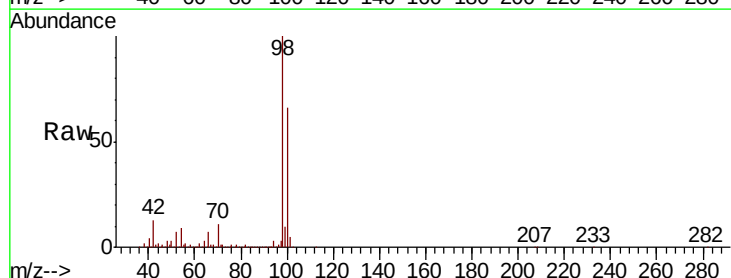
Acq: 28 Feb 2019 15:36

Tgt Ion: 98 Resp: 685160

Ion Ratio Lower Upper

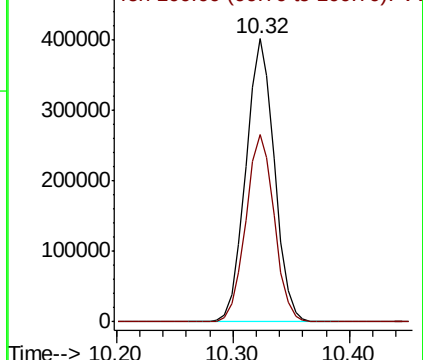
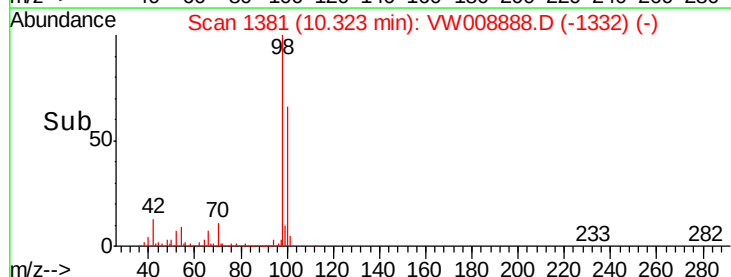
98 100

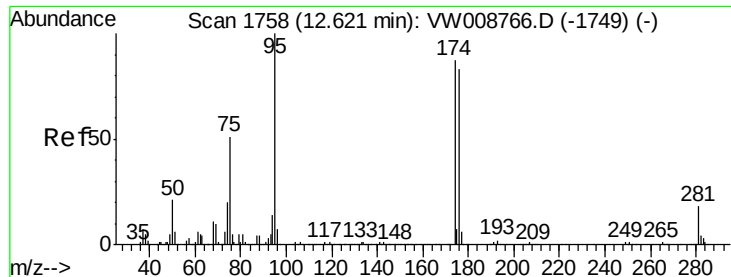
100 66.1 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 45.710 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008888.D

Acq: 28 Feb 2019 15:36

Instrument :

MSVOA_W

ClientSampleId :

B-5(9-10)

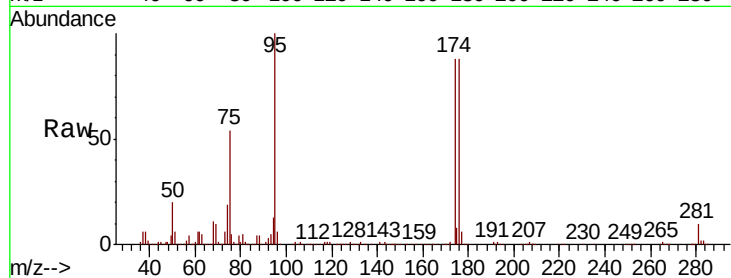
Tot Ion: 95 Resp: 238296

Ion Ratio Lower Upper

95 100

174 85.8 0.0 169.2

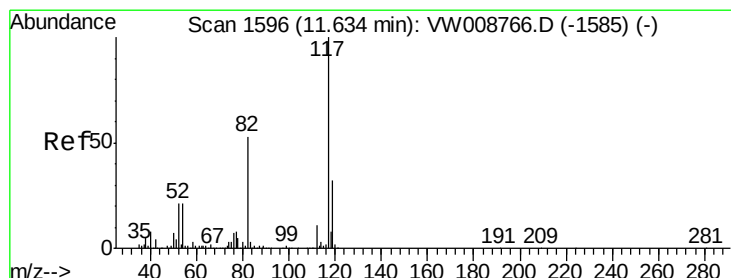
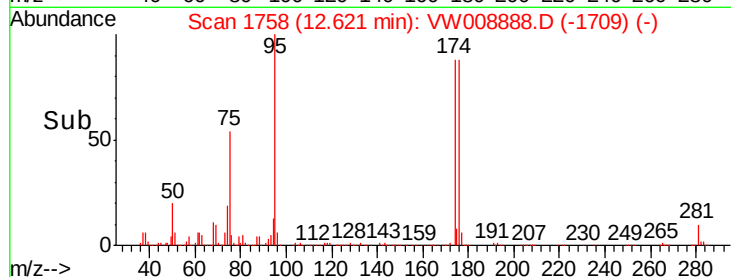
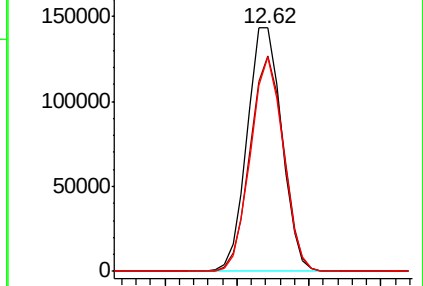
176 83.7 0.0 163.6



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: VW008888.D

Acq: 28 Feb 2019 15:36

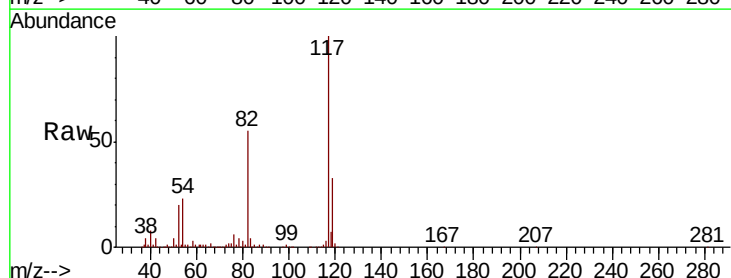
Tgt Ion: 117 Resp: 517083

Ion Ratio Lower Upper

117 100

82 54.9 42.2 63.4

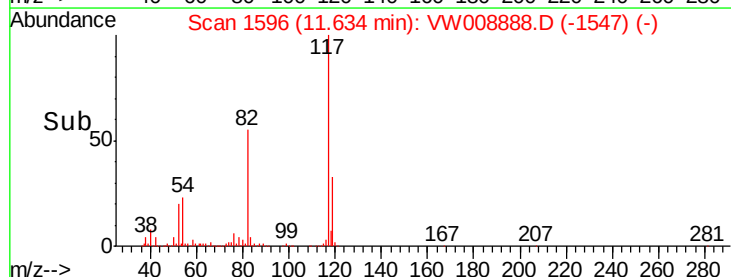
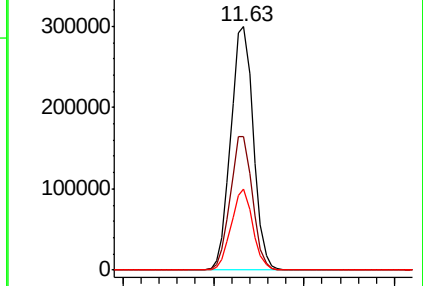
119 33.4 25.9 38.9

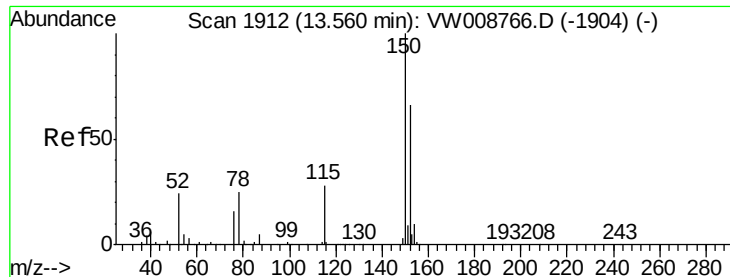


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



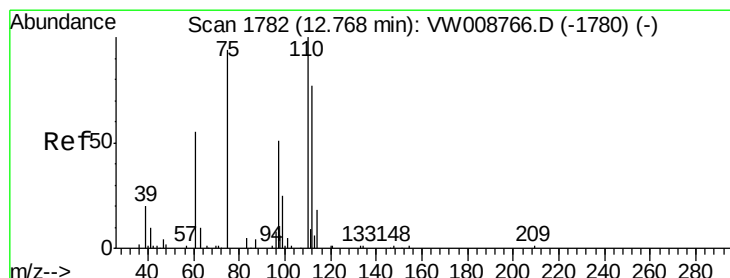
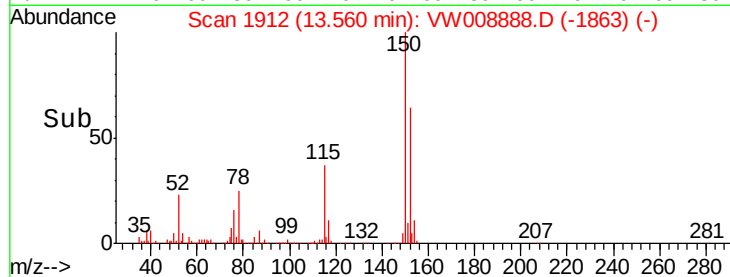
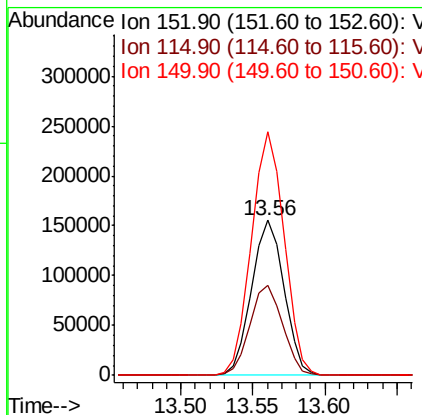
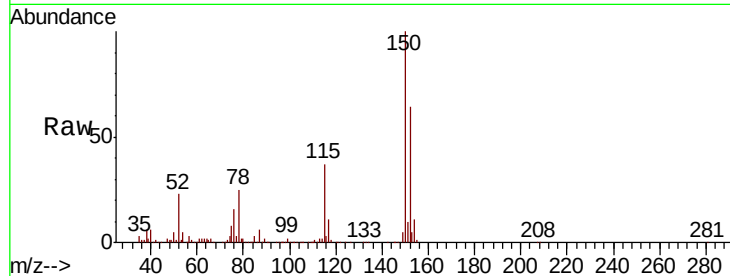


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008888.D
Acq: 28 Feb 2019 15:36

Instrument :
MSVOA_W
ClientSampleId :
B-5(9-10)

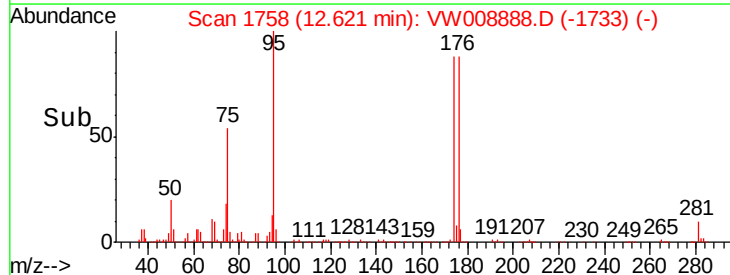
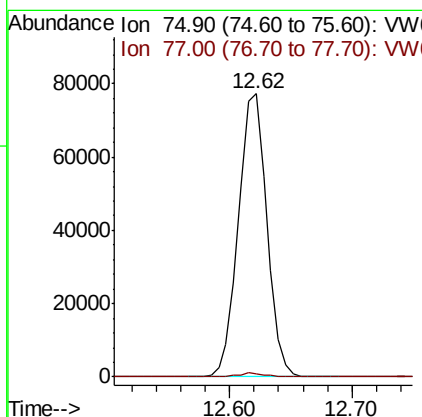
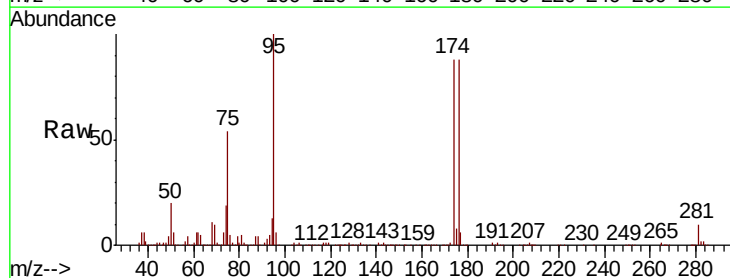
Tot Ion	Ratio	Lower	Upper
152	100		
115	58.7	28.6	85.8
150	157.2	0.0	348.0

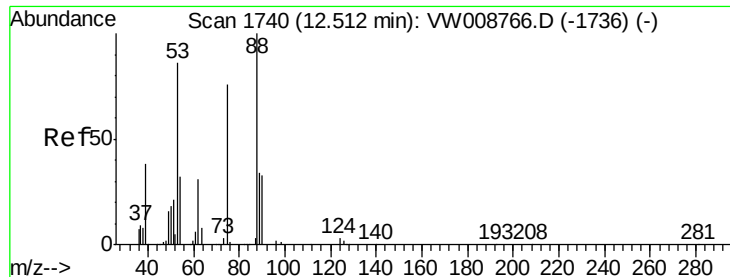


#76

1,2,3-Trichloropropane
Concen: 62.073 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW008888.D
Acq: 28 Feb 2019 15:36

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0





#81

trans-1,4-Dichloro-2-butene

Concen: 150.905 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008888.D

Acq: 28 Feb 2019 15:36

Instrument :

MSVOA_W

ClientSampleId :

B-5(9-10)

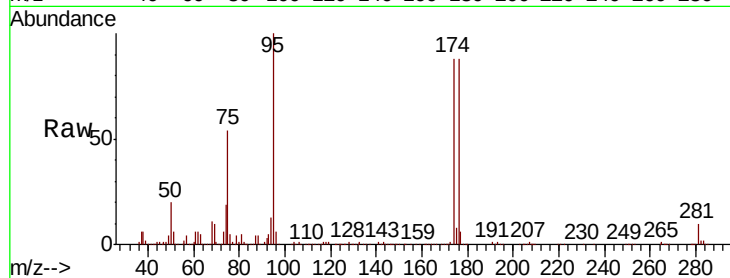
Tot Ion: 75 Resp: 124612

Ion Ratio Lower Upper

75 100

53 0.2 88.2 132.2#

89 0.2 39.5 59.3#



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

