

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020719\
 Data File : VW008557.D
 Acq On : 07 Feb 2019 17:16
 Operator : SY/VA
 Sample : K1390-07
 Misc : 6.21G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-05(8-9)

Quant Time: Feb 08 22:42:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	665927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1101398	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1010415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	506687	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	401792	61.42	ug/l	0.00
Spiked Amount			Recovery	=	122.84%	
35) Dibromofluoromethane	7.88	113	347478	53.95	ug/l	0.00
Spiked Amount			Recovery	=	107.90%	
50) Toluene-d8	10.32	98	1361656	52.72	ug/l	0.00
Spiked Amount			Recovery	=	105.44%	
62) 4-Bromofluorobenzene	12.62	95	526552	53.04	ug/l	0.00
Spiked Amount			Recovery	=	106.08%	

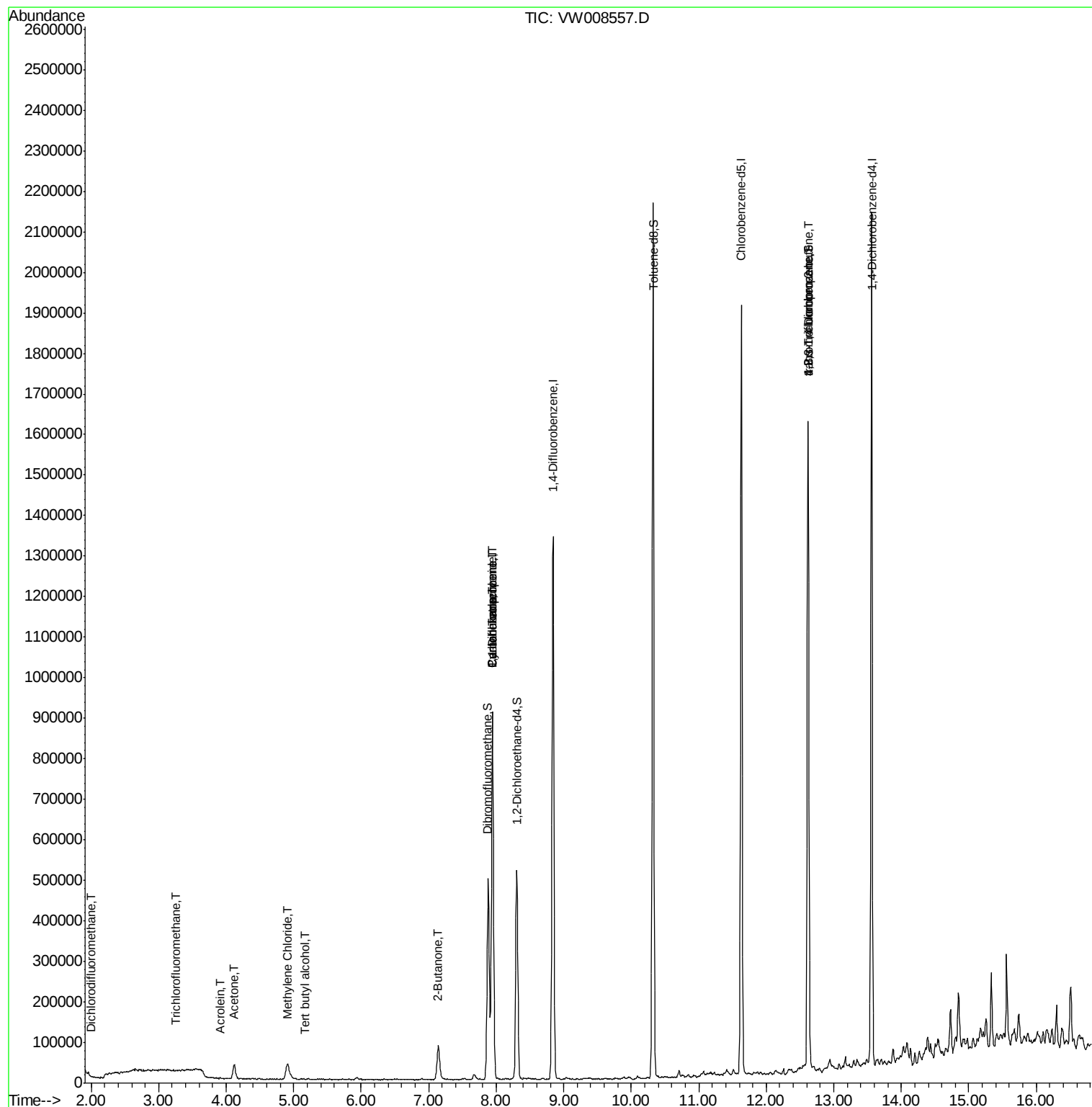
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	202	3.301	ug/l	82
7) Trichlorofluoromethane	3.25	101	438	4.791	ug/l	93
11) Tert butyl alcohol	5.18	59	1195	2.269	ug/l #	84
13) Acrolein	3.92	56	906	6.102	ug/l #	29
16) Acetone	4.12	43	63773	43.409	ug/l	98
20) Methylene Chloride	4.91	84	33110	4.890	ug/l	98
25) 2-Butanone	7.13	43	4339	2.126	ug/l #	76
31) Cyclohexane	7.95	56	16882	1.315	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	54000	5.190	ug/l #	50
38) Carbon Tetrachloride	7.95	117	67340	6.432	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	278194	63.150	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	278194	124.726	ug/l #	12

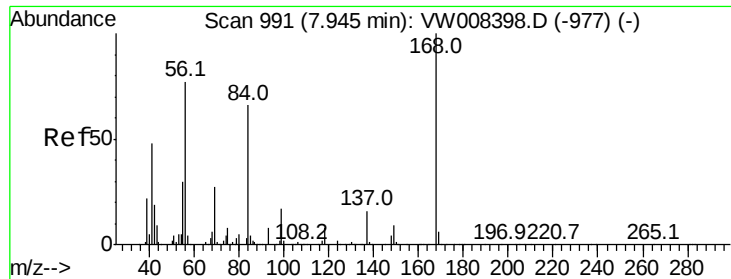
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020719\
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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: VW008557.D

Acq: 07 Feb 2019 17:16

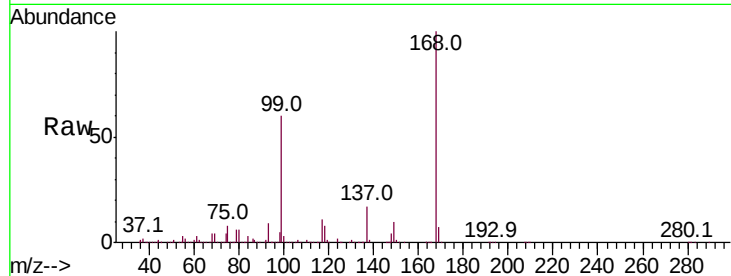
Instrument :
MSVOA_W
ClientSampleId :
SB-05(8-9)

Tot Ion:168 Resp: 665927

Ion Ratio Lower Upper

168 100

99 60.0 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

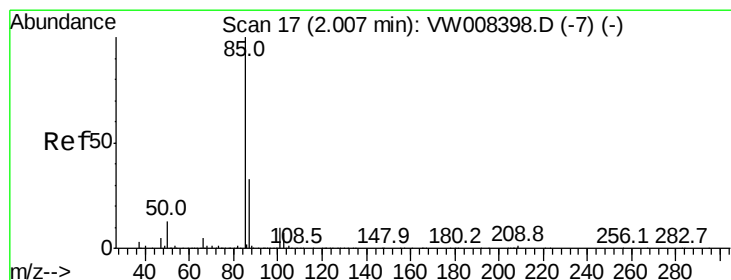
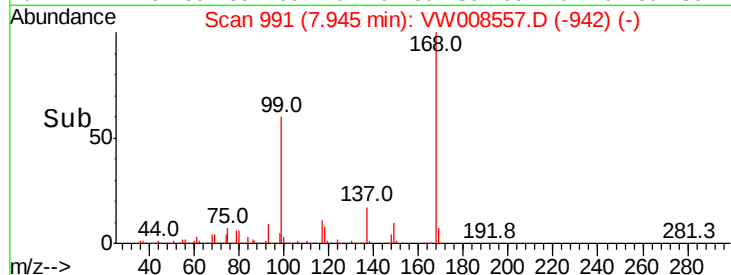
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 3.301 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW008557.D

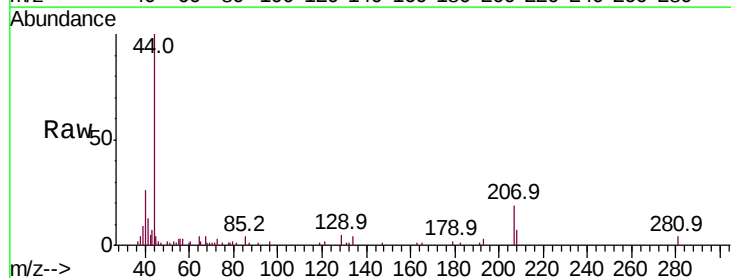
Acq: 07 Feb 2019 17:16

Tgt Ion: 85 Resp: 202

Ion Ratio Lower Upper

85 100

87 22.9 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

250

200

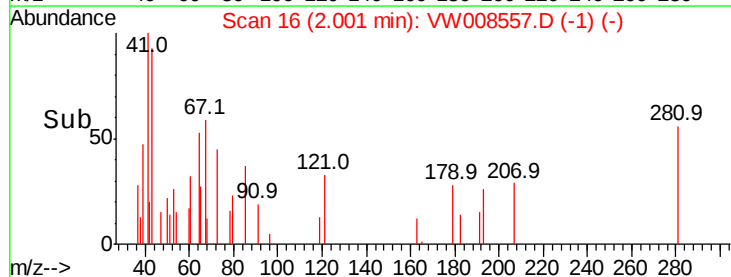
150

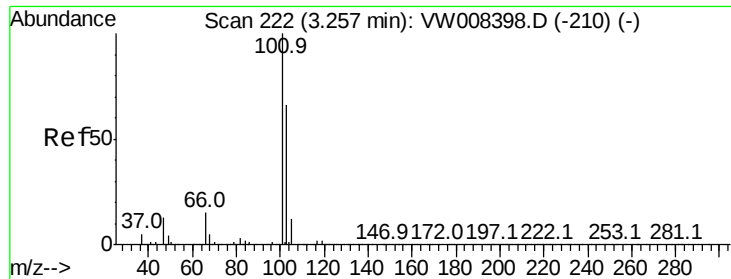
100

50

0

Time-->



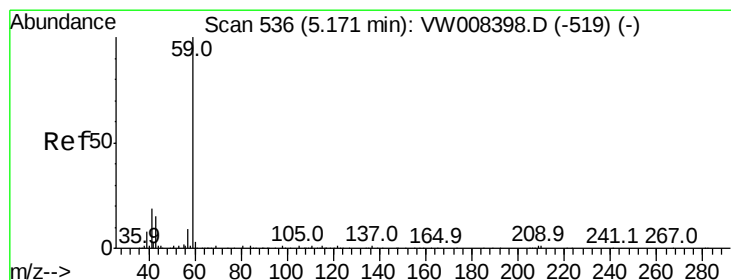
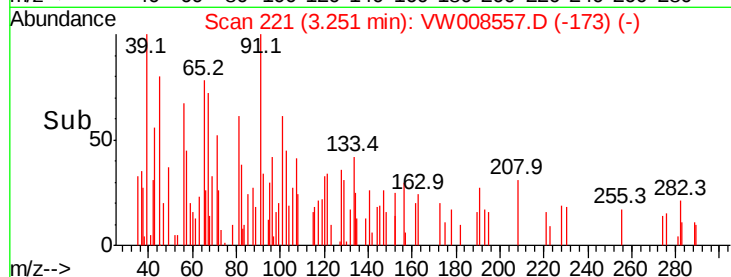
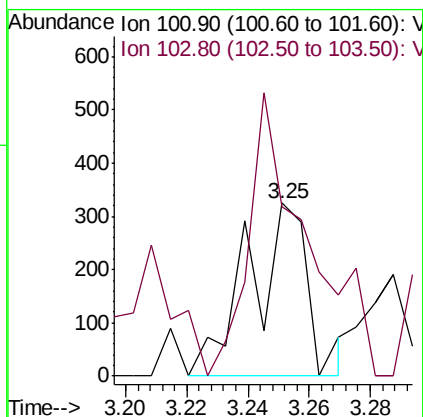
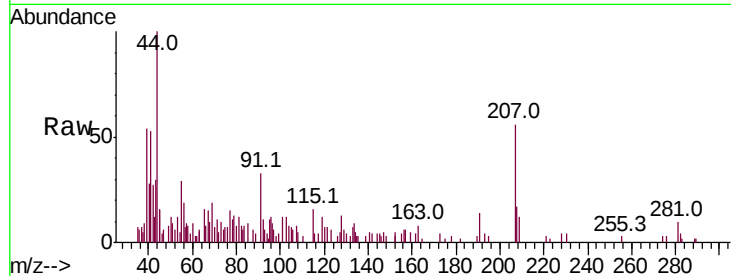


#7

Trichlorofluoromethane
Concen: 4.791 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW008557.D
Acq: 07 Feb 2019 17:16

Instrument :
MSVOA_W
ClientSampled :
SB-05(8-9)

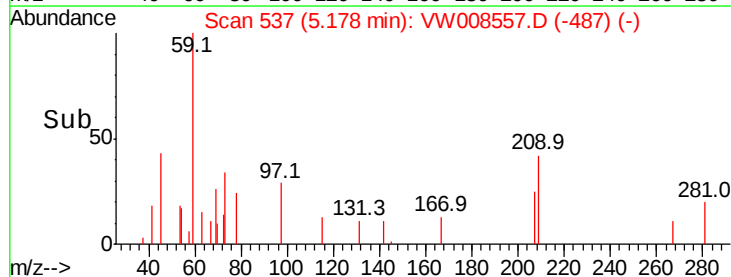
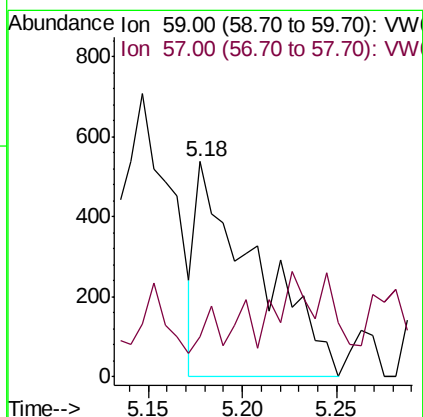
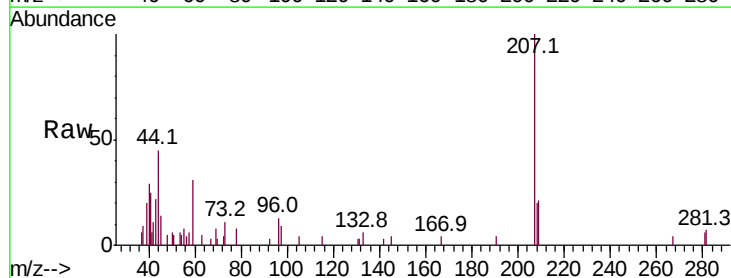
Tot Ion:101 Resp: 438
Ion Ratio Lower Upper
101 100
103 60.0 52.5 78.7

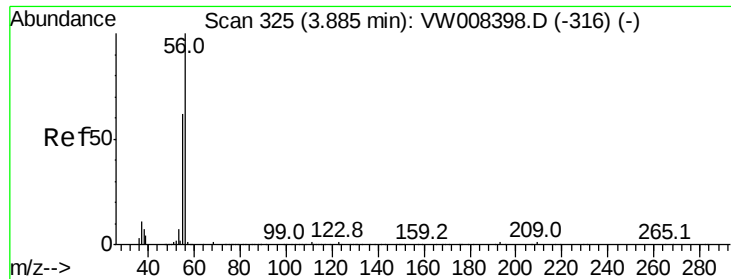


#11

Tert butyl alcohol
Concen: 2.269 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.01 min
Lab File: VW008557.D
Acq: 07 Feb 2019 17:16

Tgt Ion: 59 Resp: 1195
Ion Ratio Lower Upper
59 100
57 5.6 9.3 13.9#





#13

Acrolein

Concen: 6.102 ug/l

RT: 3.92 min Scan# 330

Delta R.T. 0.03 min

Lab File: VW008557.D

Acq: 07 Feb 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

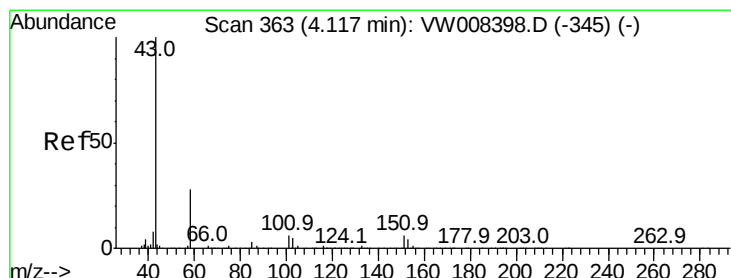
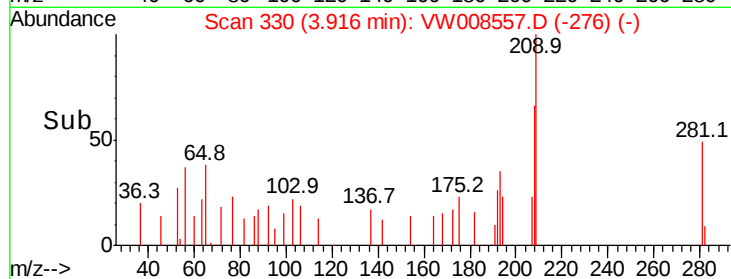
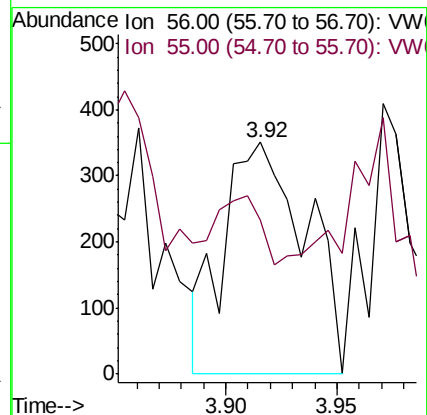
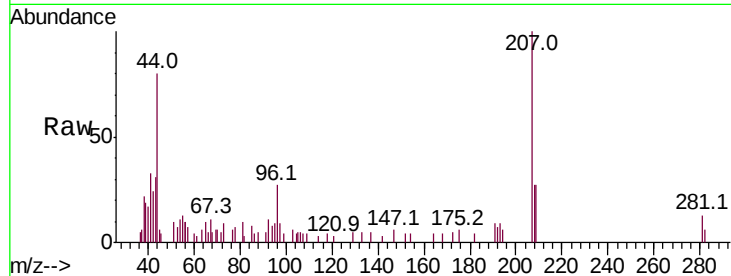
SB-05(8-9)

Tot Ion: 56 Resp: 906

Ion Ratio Lower Upper

56 100

55 12.4 56.7 85.1#



#16

Acetone

Concen: 43.409 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008557.D

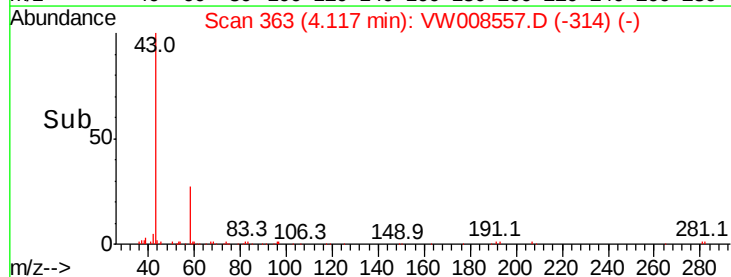
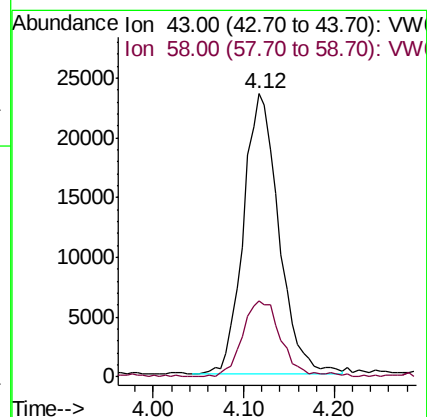
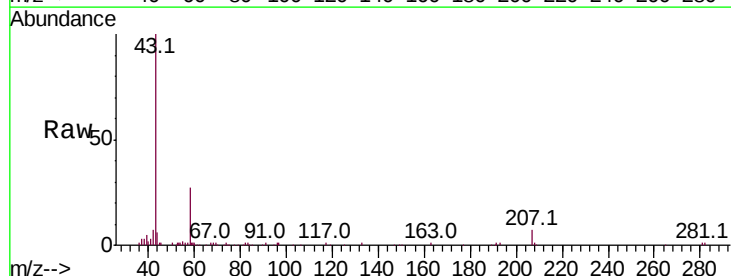
Acq: 07 Feb 2019 17:16

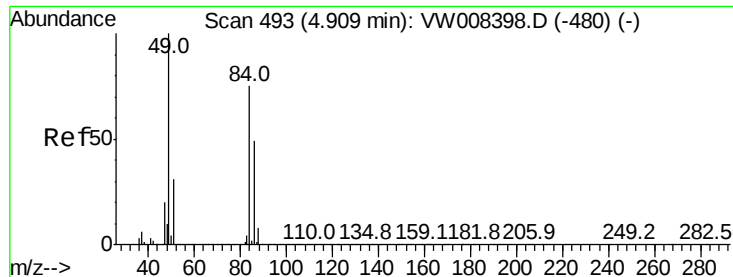
Tgt Ion: 43 Resp: 63773

Ion Ratio Lower Upper

43 100

58 27.2 22.6 34.0

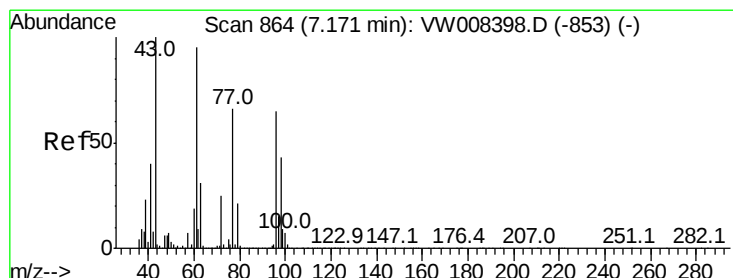
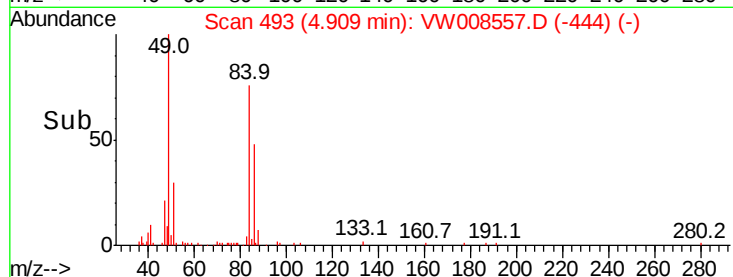
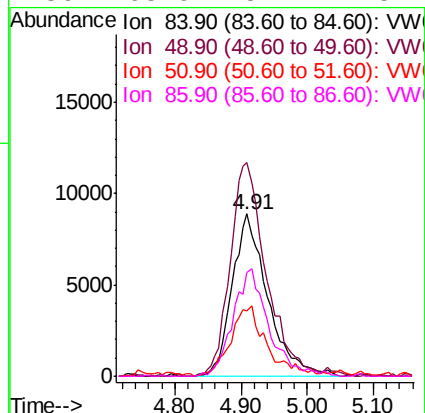
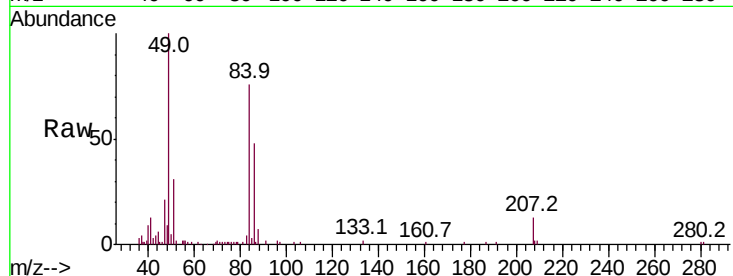




#20
Methvlene Chloride
Concen: 4.890 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008557.D
Acq: 07 Feb 2019 17:16

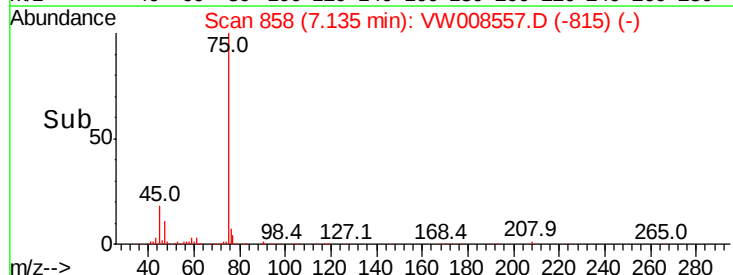
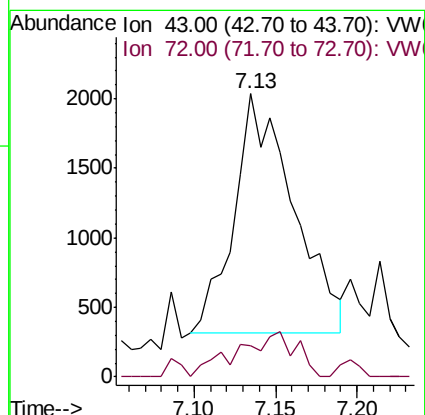
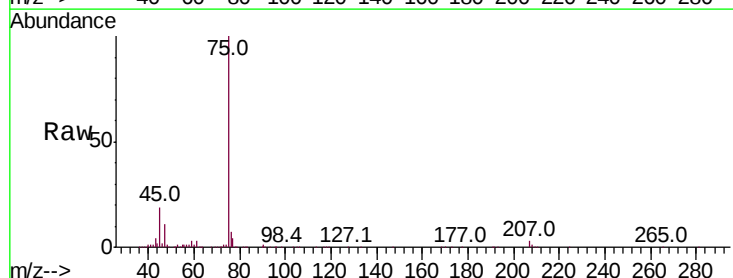
Instrument :
MSVOA_W
ClientSampleId :
SB-05(8-9)

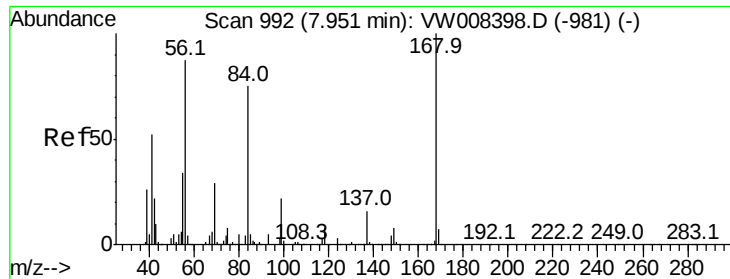
Tot Ion:	84	Resp:	33110
Ion	Ratio	Lower	Upper
84	100		
49	131.7	106.8	160.2
51	38.7	32.9	49.3
86	63.9	52.2	78.2



#25
2-Butanone
Concen: 2.126 ug/l
RT: 7.13 min Scan# 858
Delta R.T. -0.04 min
Lab File: VW008557.D
Acq: 07 Feb 2019 17:16

Tgt Ion:	43	Resp:	4339
Ion	Ratio	Lower	Upper
43	100		
72	13.1	20.1	30.1#

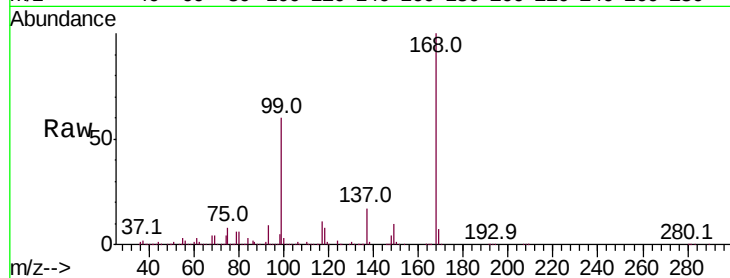




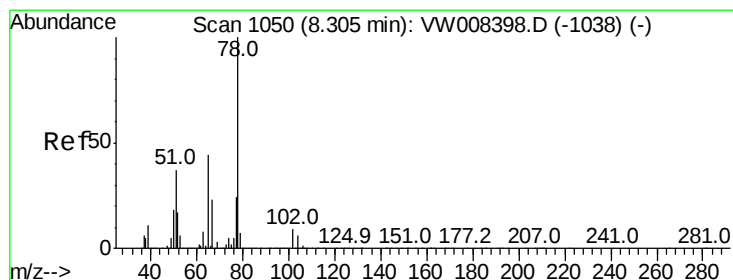
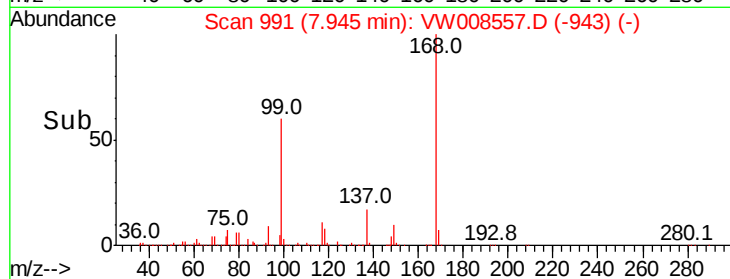
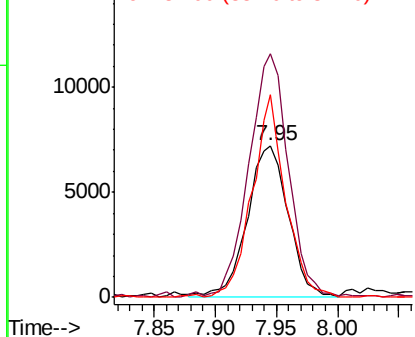
#31
Cyclohexane
Concen: 1.315 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008557.D
Acq: 07 Feb 2019 17:16

Instrument :
MSVOA_W
ClientSampleId :
SB-05(8-9)

Tot Ion: 56 Resp: 16882
Ion Ratio Lower Upper
56 100
69 159.8 26.4 39.6#
84 133.3 69.1 103.7#

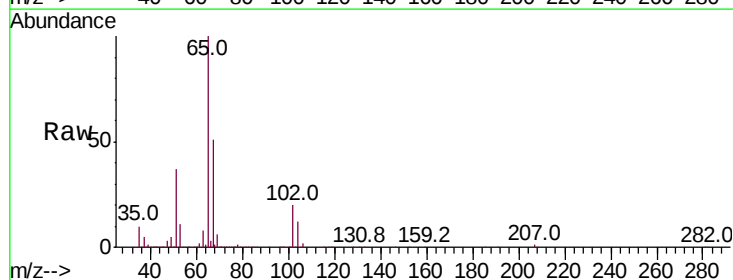


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

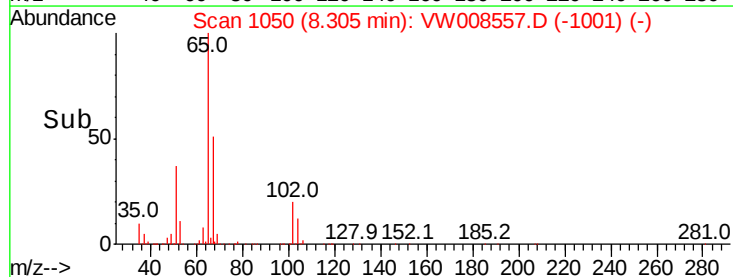
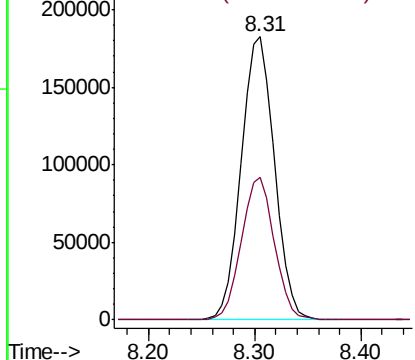


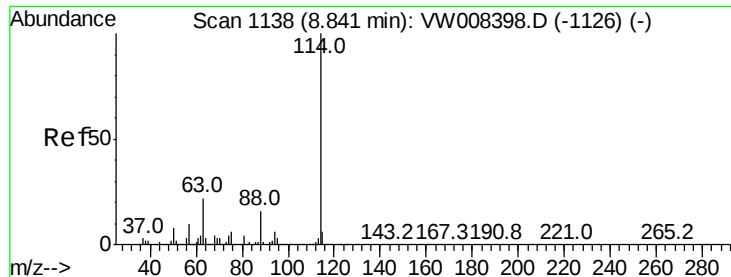
#33
1,2-Dichloroethane-d4
Concen: 61.416 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008557.D
Acq: 07 Feb 2019 17:16

Tgt Ion: 65 Resp: 401792
Ion Ratio Lower Upper
65 100
67 49.9 0.0 104.0



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

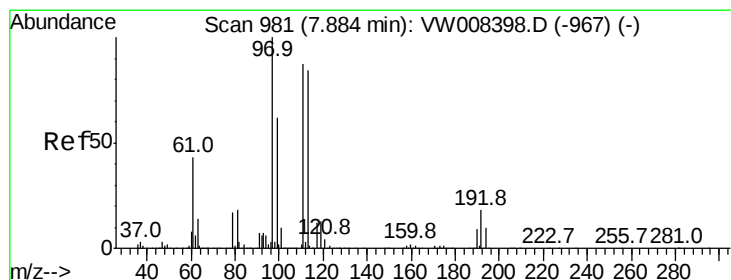
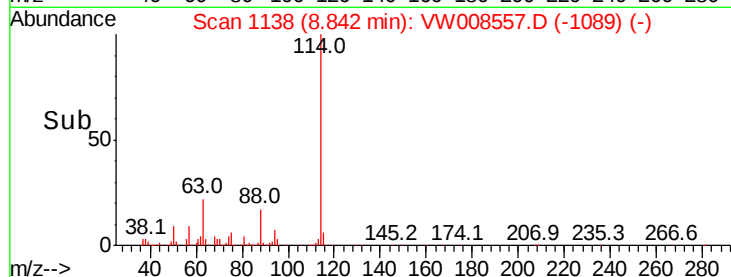
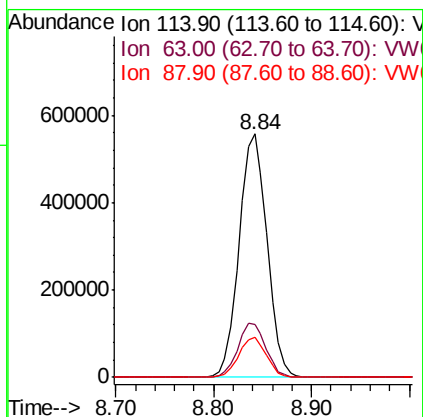
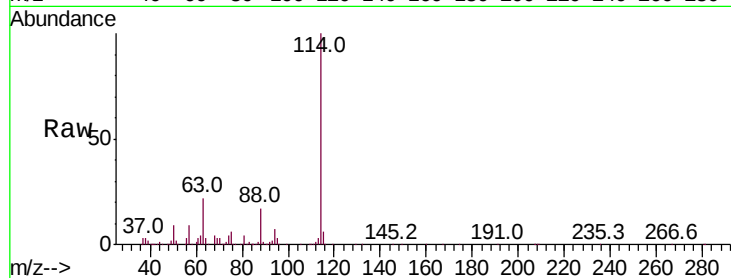




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008557.D
Acq: 07 Feb 2019 17:16

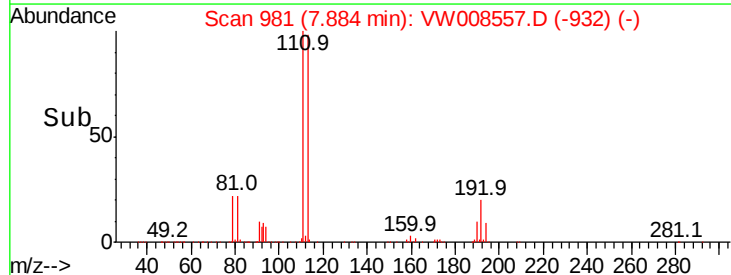
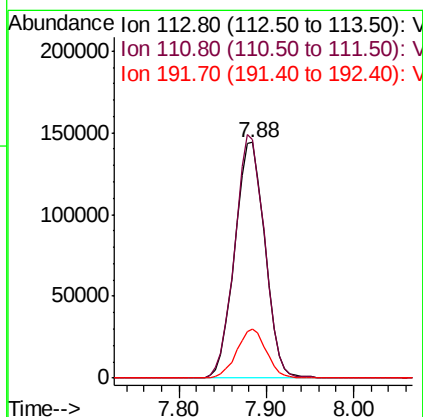
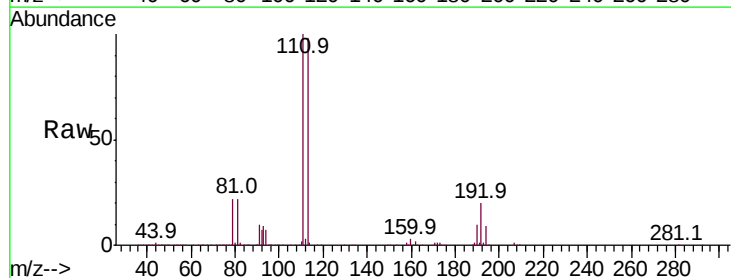
Instrument :
MSVOA_W
ClientSampleId :
SB-05(8-9)

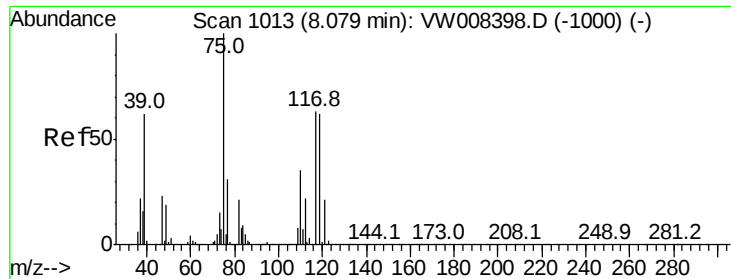
Tot Ion:114 Resp: 1101398
Ion Ratio Lower Upper
114 100
63 22.0 0.0 43.6
88 16.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 53.954 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008557.D
Acq: 07 Feb 2019 17:16

Tgt Ion:113 Resp: 347478
Ion Ratio Lower Upper
113 100
111 101.6 81.0 121.4
192 20.2 16.8 25.2

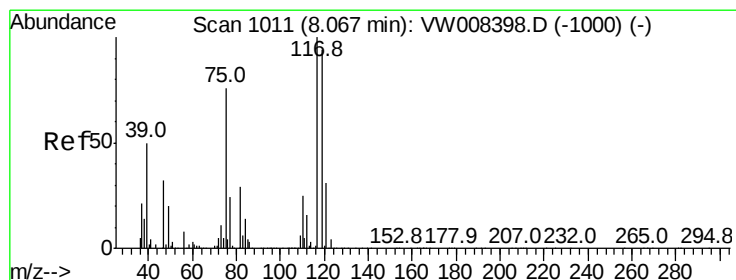
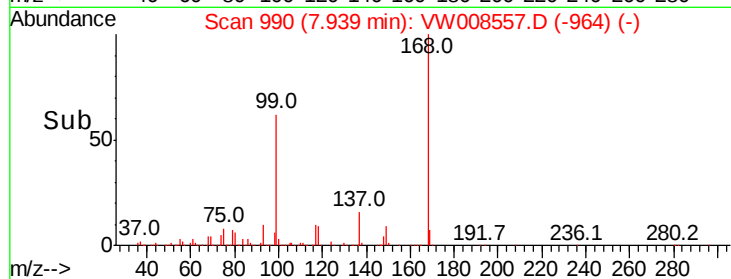
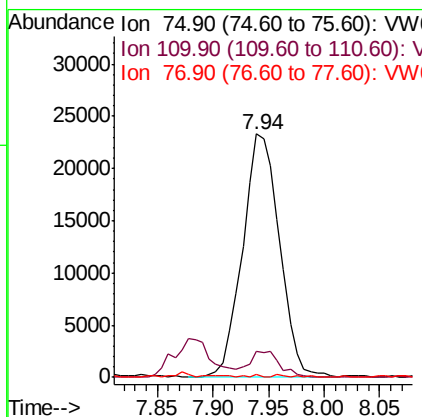
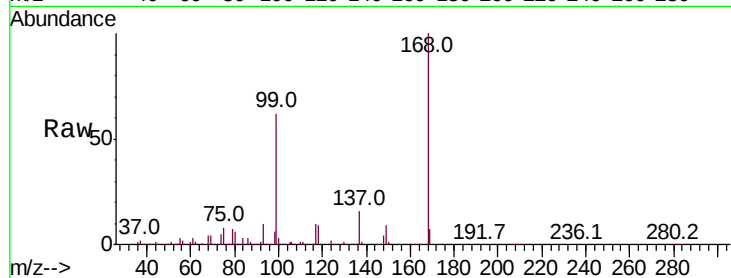




#36
 1,1-Dichloropropene
 Concen: 5.190 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW008557.D
 Acq: 07 Feb 2019 17:16

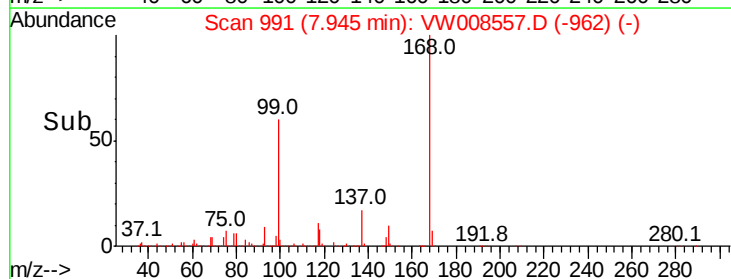
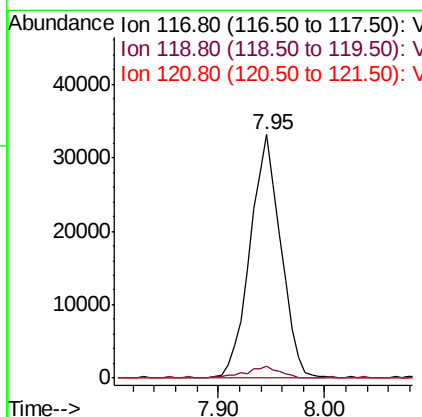
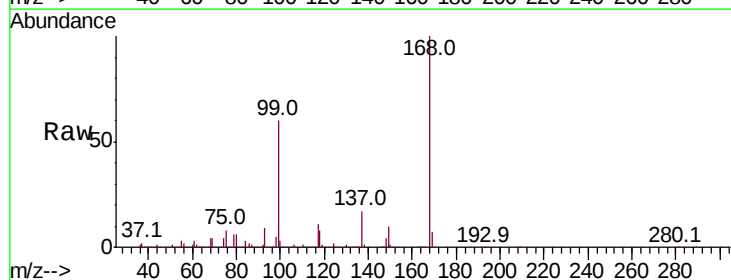
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-05(8-9)

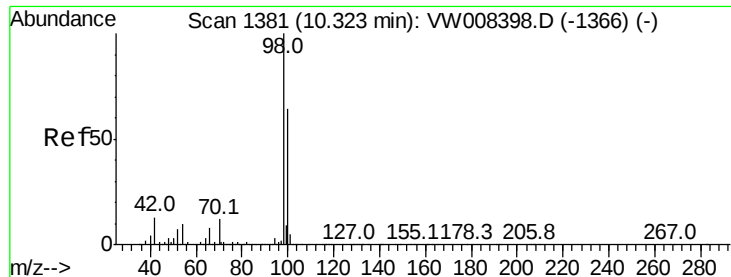
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.3	52.0#
77	0.4	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.432 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW008557.D
 Acq: 07 Feb 2019 17:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.7	75.0	112.4#
121	0.0	24.9	37.3#





#50

Toluene-d8

Concen: 52.725 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008557.D

Acq: 07 Feb 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

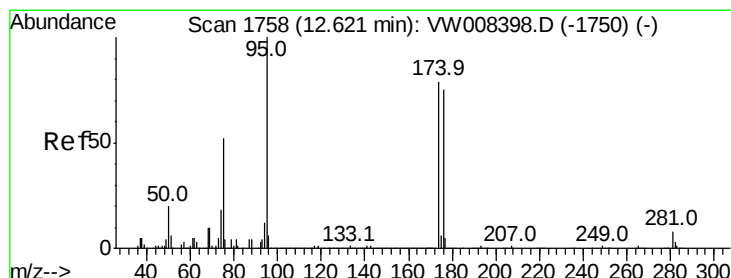
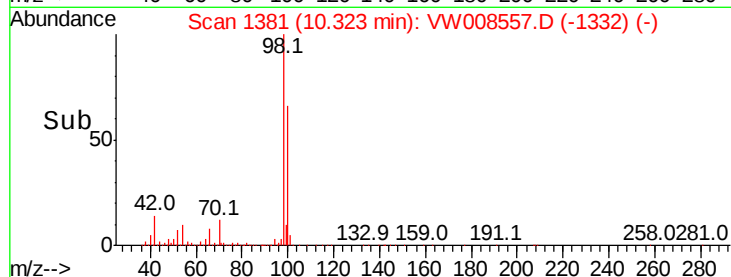
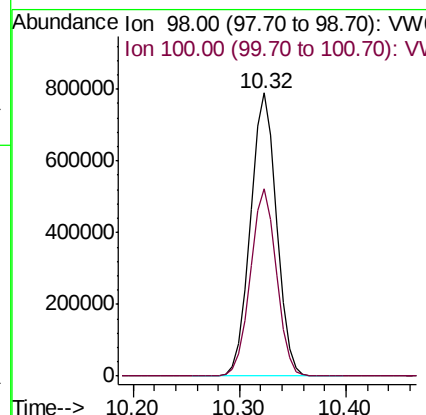
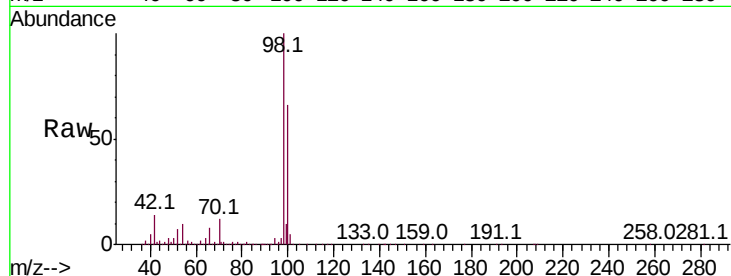
SB-05(8-9)

Tot Ion: 98 Resp: 1361656

Ion Ratio Lower Upper

98 100

100 65.8 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 53.043 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008557.D

Acq: 07 Feb 2019 17:16

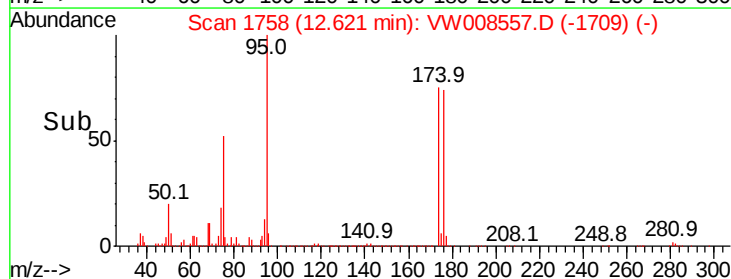
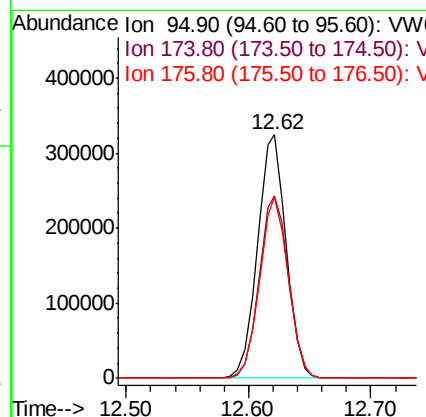
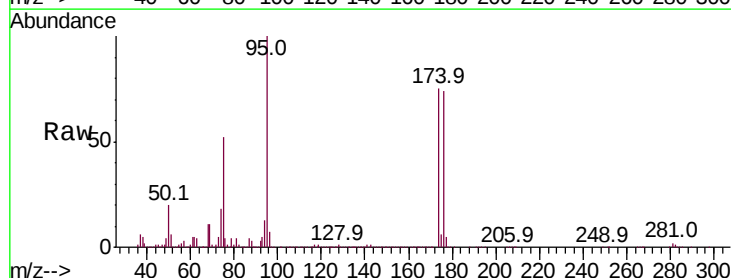
Tgt Ion: 95 Resp: 526552

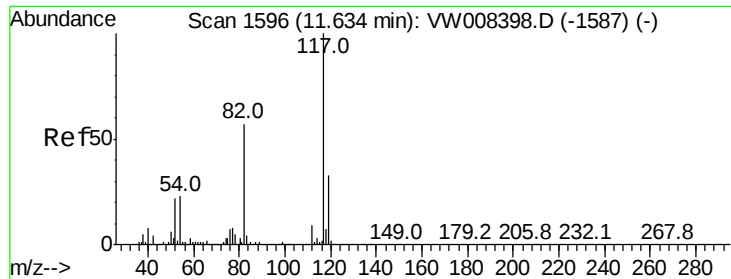
Ion Ratio Lower Upper

95 100

174 76.7 0.0 157.6

176 74.7 0.0 151.8

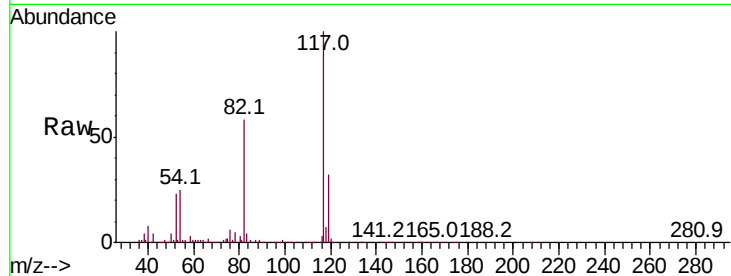




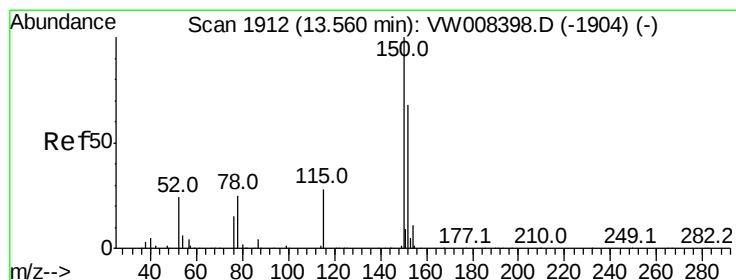
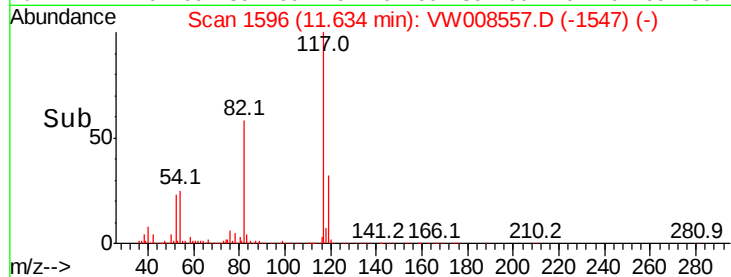
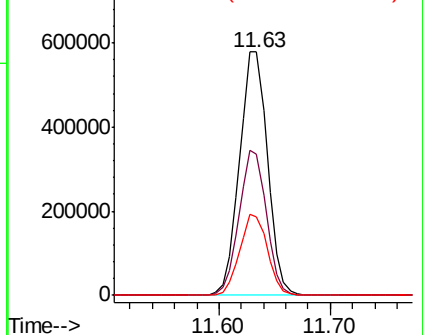
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008557.D
Acq: 07 Feb 2019 17:16

Instrument :
MSVOA_W
ClientSampleId :
SB-05(8-9)

Tot Ion:117 Resp: 1010415
Ion Ratio Lower Upper
117 100
82 57.9 45.4 68.0
119 32.4 26.2 39.4

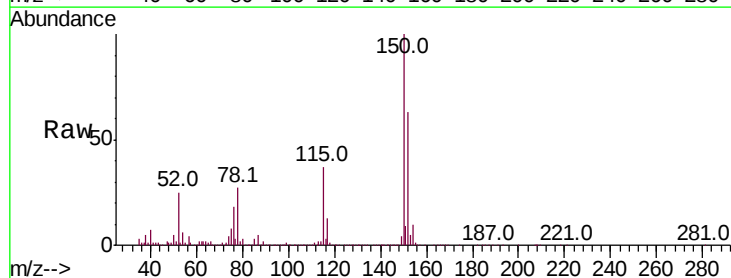


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

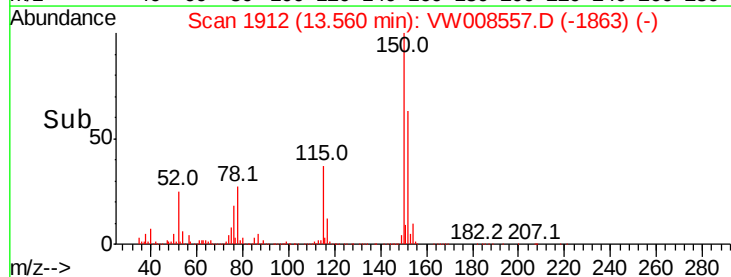
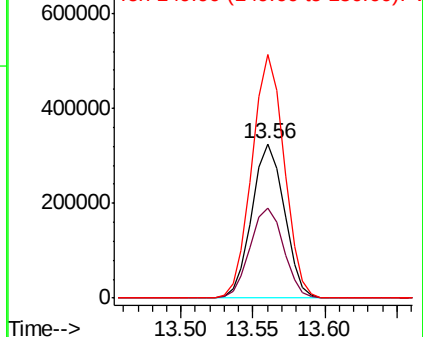


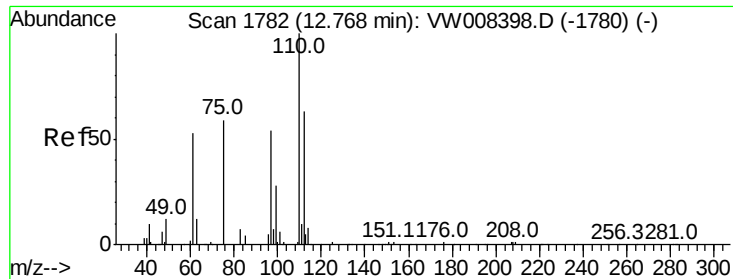
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008557.D
Acq: 07 Feb 2019 17:16

Tgt Ion:152 Resp: 506687
Ion Ratio Lower Upper
152 100
115 59.9 29.9 89.7
150 156.8 0.0 351.4



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: 63.150 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008557.D

Acq: 07 Feb 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

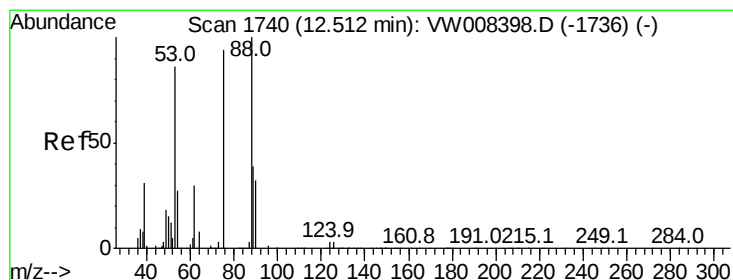
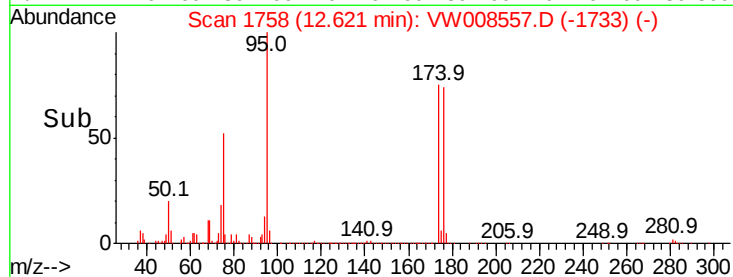
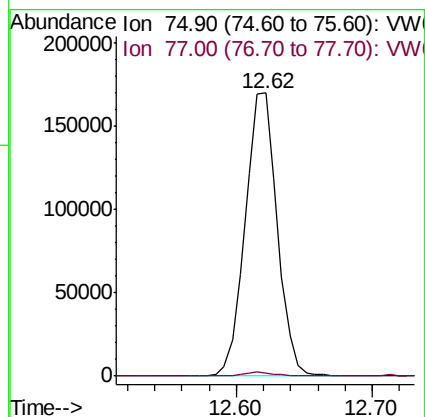
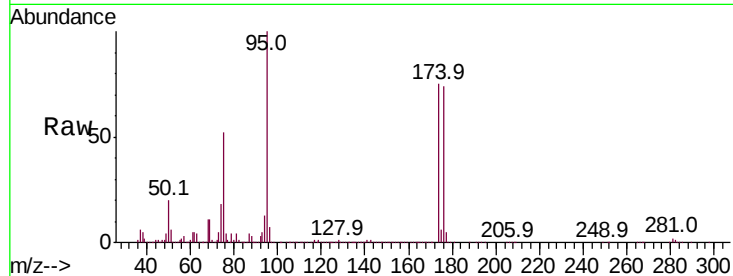
SB-05(8-9)

Tot Ion: 75 Resp: 278194

Ion Ratio Lower Upper

75 100

77 1.5 180.7 542.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 124.726 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008557.D

Acq: 07 Feb 2019 17:16

Tgt Ion: 75 Resp: 278194

Ion Ratio Lower Upper

75 100

53 0.1 76.0 114.0#

89 0.1 35.4 53.0#

