

Data File : VW008521.D
Acq On : 06 Feb 2019 12:20
Operator : SY/VA
Sample : K1383-01
Misc : 4.28G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A0C5B-SS1-0.0-0.5

Quant Time: Feb 07 01:47:02 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	554831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	894354	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	825246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	418546	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	306436	56.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.44%	
35) Dibromofluoromethane	7.88	113	284289	54.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.72%	
50) Toluene-d8	10.32	98	1070809	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
62) 4-Bromofluorobenzene	12.62	95	410219	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	

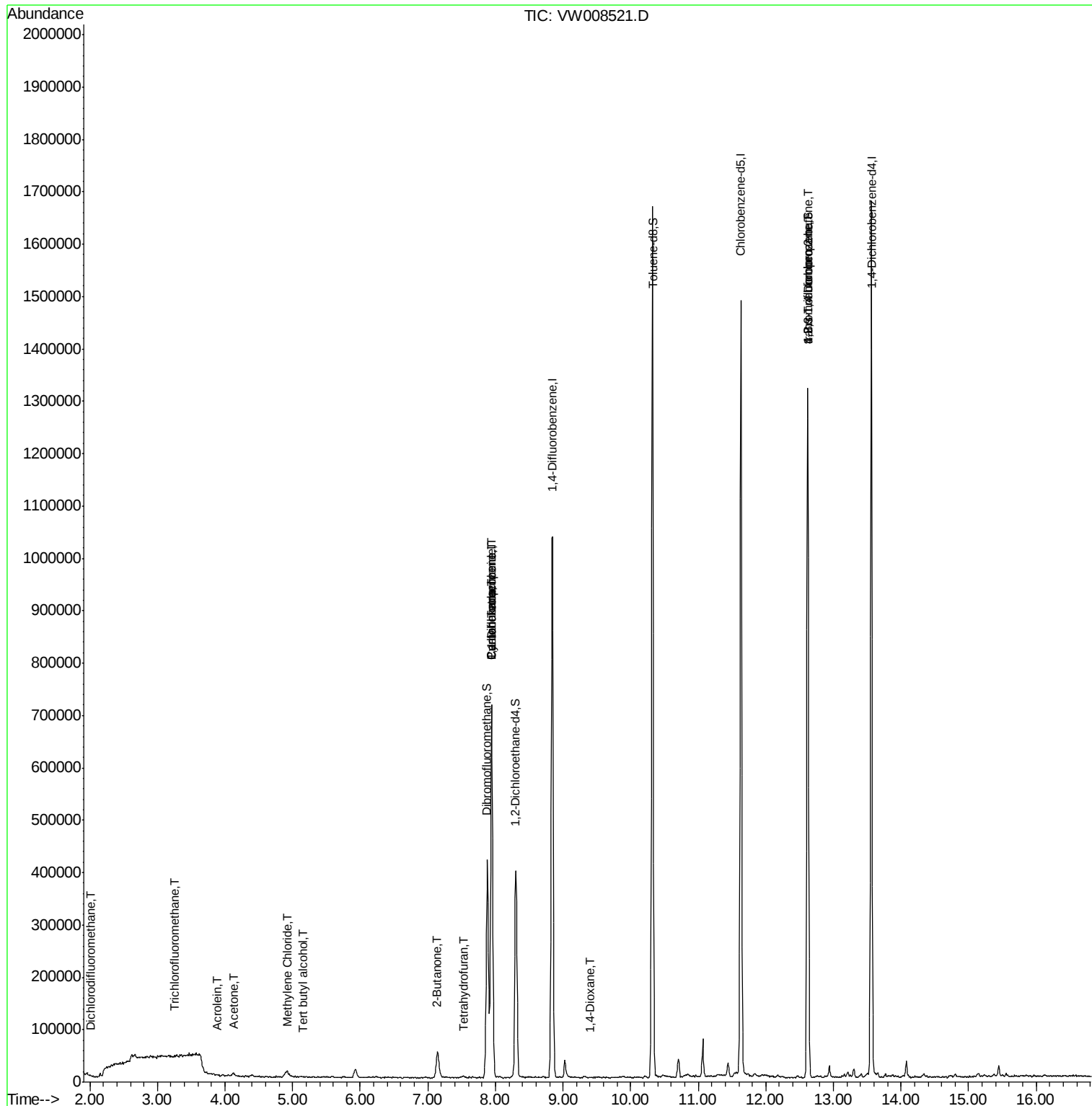
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.01	85	1206	3.604	ug/l #	62
7) Trichlorofluoromethane	3.25	101	118	4.746	ug/l #	1
11) Tert butyl alcohol	5.15	59	492	1.121	ug/l #	17
13) Acrolein	3.88	56	403	5.209	ug/l #	68
16) Acetone	4.13	43	10125	8.272	ug/l	92
20) Methylene Chloride	4.92	84	11095	1.967	ug/l #	75
25) 2-Butanone	7.13	43	3864	2.273	ug/l #	65
29) Tetrahydrofuran	7.53	42	1123	1.042	ug/l #	75
31) Cyclohexane	7.95	56	12127	1.134	ug/l #	6
36) 1,1-Dichloropropene	7.94	75	40878	4.839	ug/l #	51
38) Carbon Tetrachloride	7.95	117	53278	6.267	ug/l #	17
49) 1,4-Dioxane	9.40	88	72	1.417	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	205909	56.584	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	205909	111.759	ug/l #	12

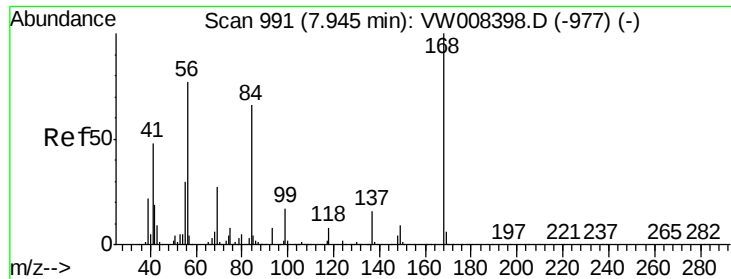
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008521.D

Acq: 06 Feb 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

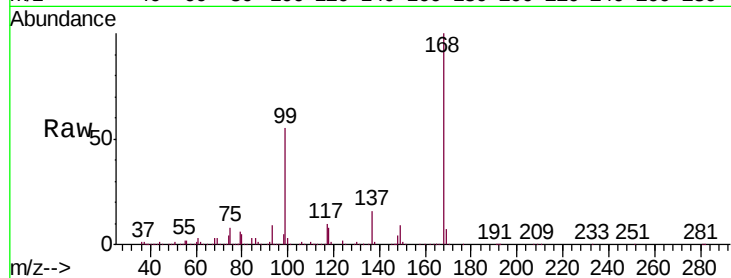
A0C5B-SS1-0.0-0.5

Tgt Ion:168 Resp: 554831

Ion Ratio Lower Upper

168 100

99 55.4 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

250000

200000

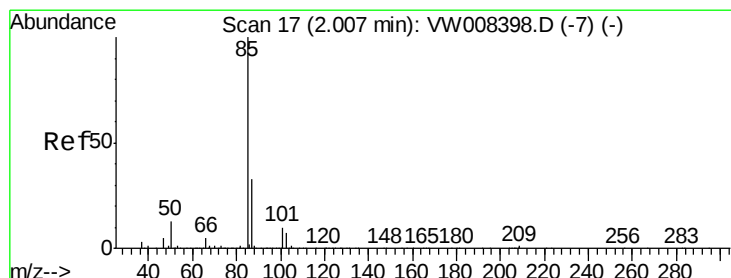
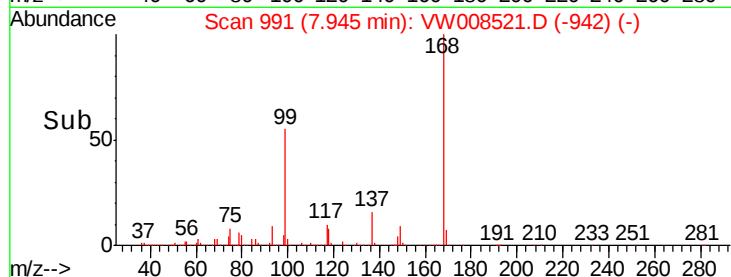
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 3.604 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW008521.D

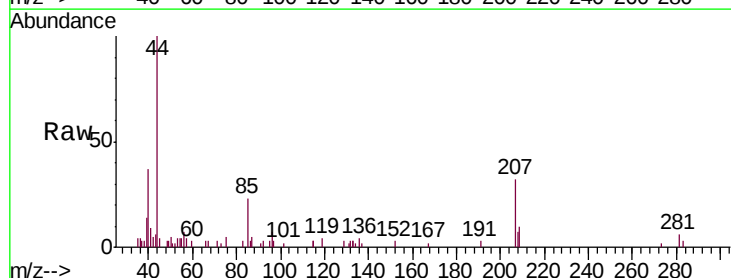
Acq: 06 Feb 2019 12:20

Tgt Ion: 85 Resp: 1206

Ion Ratio Lower Upper

85 100

87 11.6 16.7 50.1#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

800

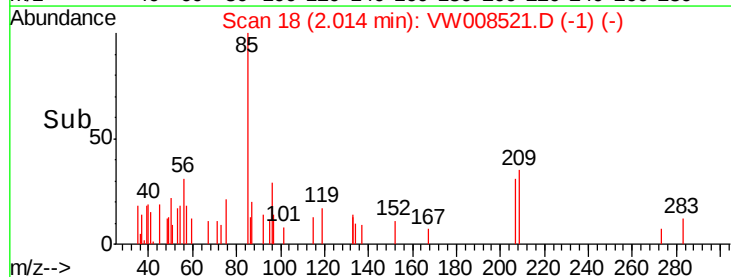
600

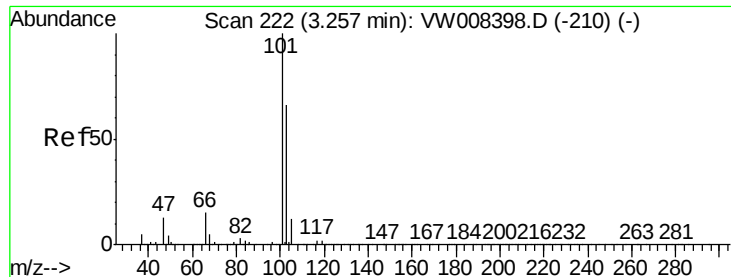
400

200

0

Time--> 1.96 1.98 2.00 2.02 2.04



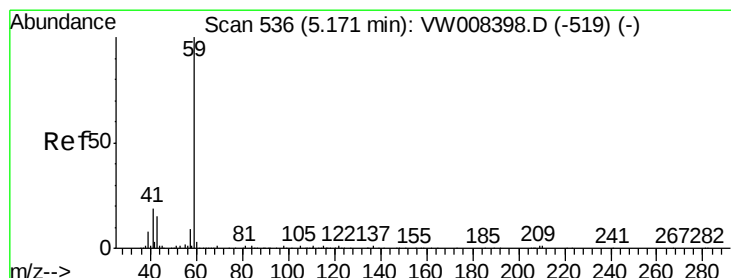
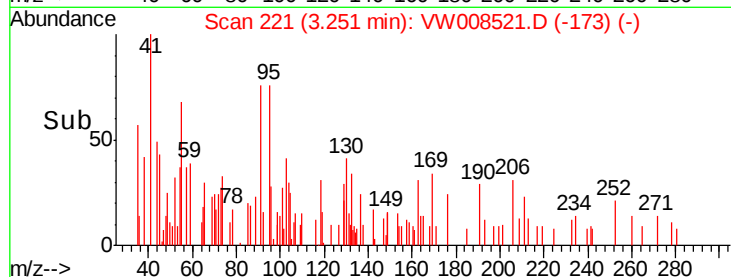
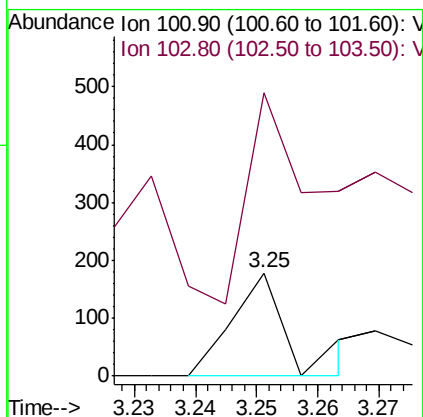
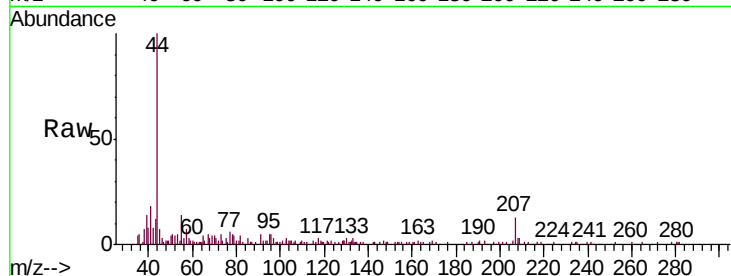


#7

Trichlorofluoromethane
Concen: 4.746 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW008521.D
Acq: 06 Feb 2019 12:20

Instrument :
MSVOA_W
ClientSampleId :
A0C5B-SS1-0.0-0.5

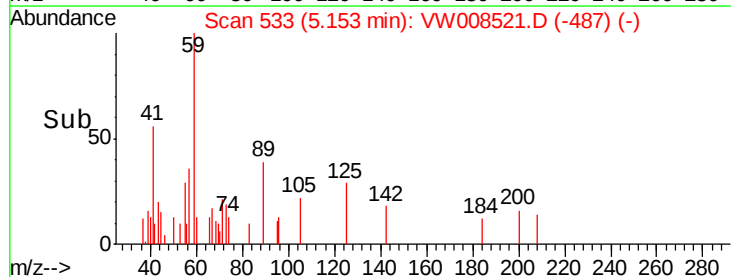
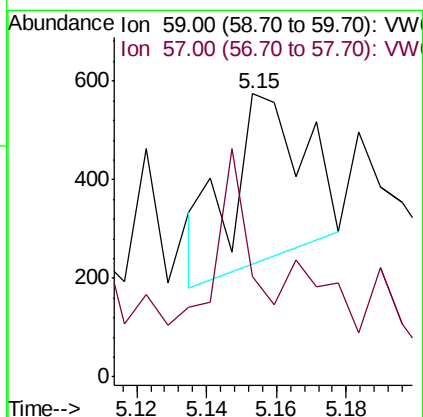
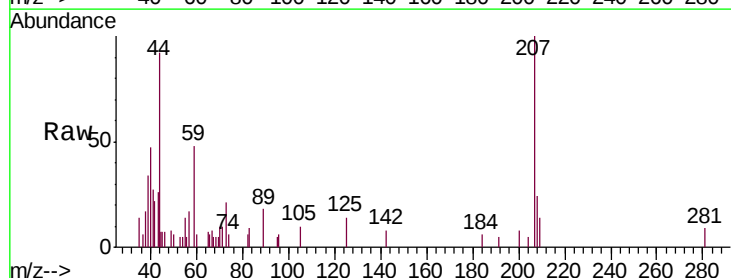
Tgt Ion: 101 Resp: 118
Ion Ratio Lower Upper
101 100
103 144.2 52.5 78.7#

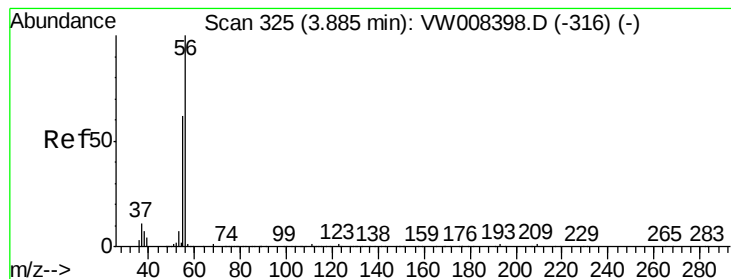


#11

Tert butyl alcohol
Concen: 1.121 ug/l
RT: 5.15 min Scan# 533
Delta R.T. -0.02 min
Lab File: VW008521.D
Acq: 06 Feb 2019 12:20

Tgt Ion: 59 Resp: 492
Ion Ratio Lower Upper
59 100
57 43.7 9.3 13.9#





#13

Acrolein

Concen: 5.209 ug/l

RT: 3.88 min Scan# 324

Delta R.T. -0.01 min

Lab File: VW008521.D

Acq: 06 Feb 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

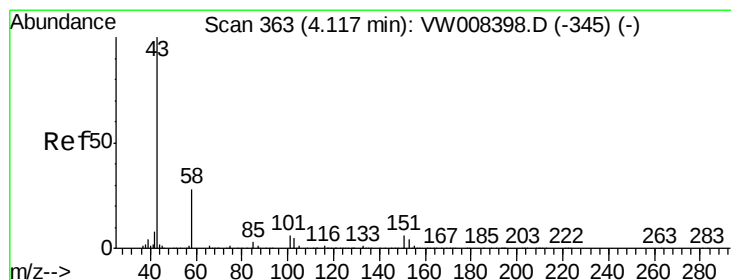
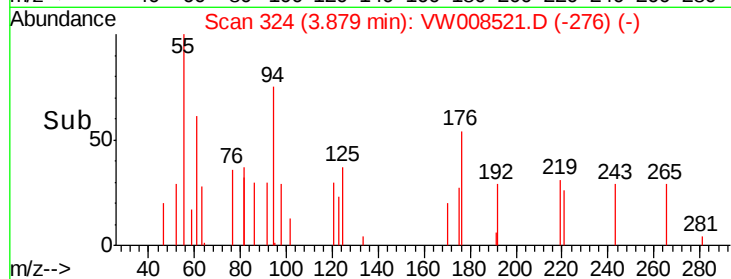
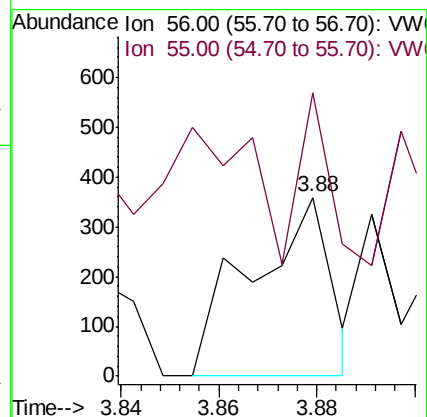
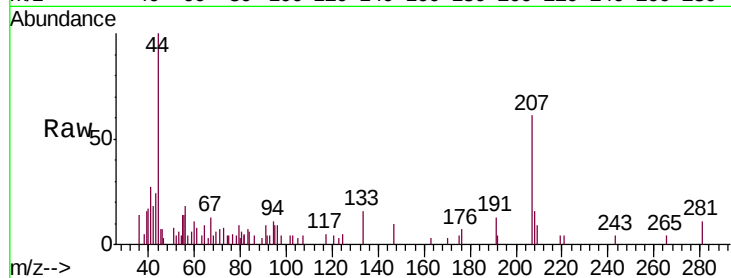
A0C5B-SS1-0.0-0.5

Tgt Ion: 56 Resp: 403

Ion Ratio Lower Upper

56 100

55 44.7 56.7 85.1#



#16

Acetone

Concen: 8.272 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008521.D

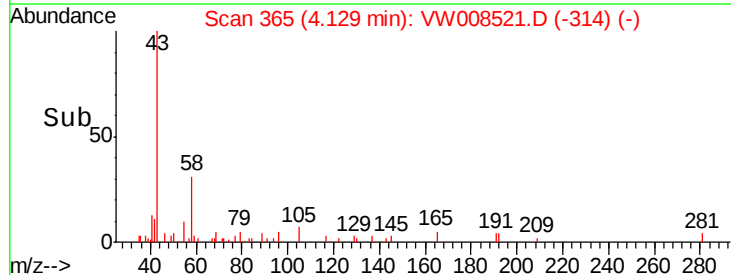
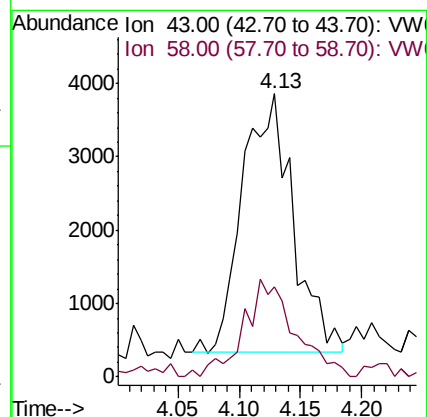
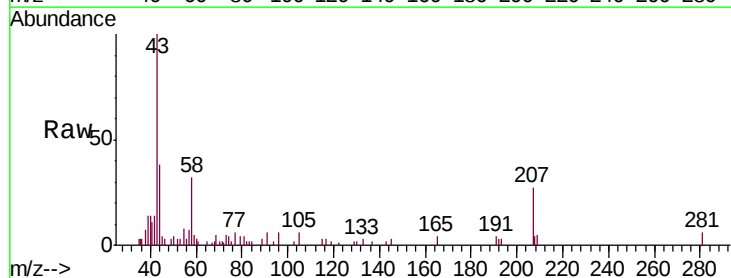
Acq: 06 Feb 2019 12:20

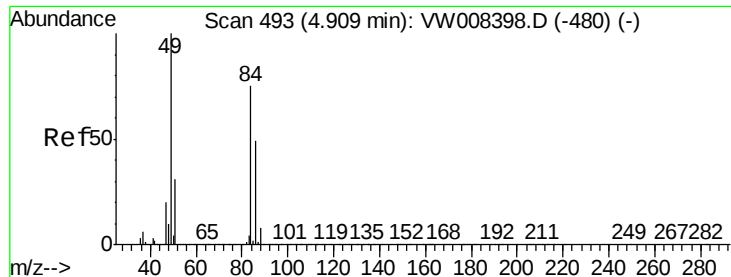
Tgt Ion: 43 Resp: 10125

Ion Ratio Lower Upper

43 100

58 32.4 22.6 34.0





#20

Methylene Chloride

Concen: 1.967 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW008521.D

Acq: 06 Feb 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

A0C5B-SS1-0.0-0.5

Tgt Ion: 84 Resp: 11095

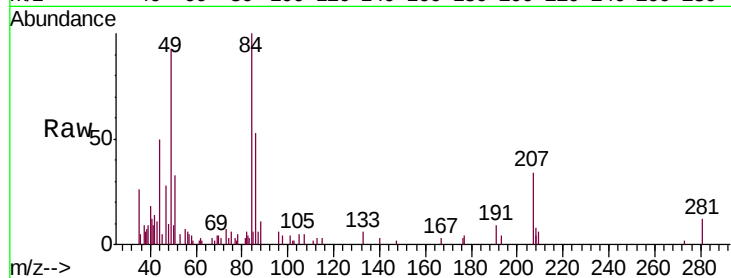
Ion Ratio Lower Upper

84 100

49 93.2 106.8 160.2#

51 33.5 32.9 49.3

86 53.3 52.2 78.2



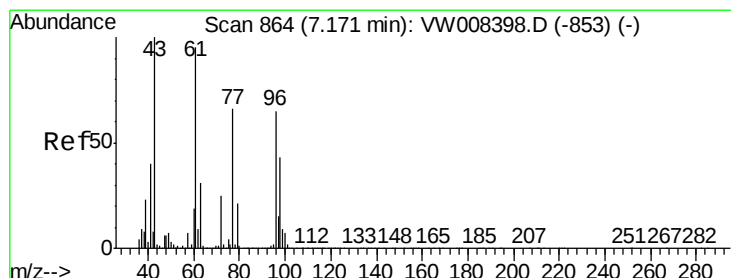
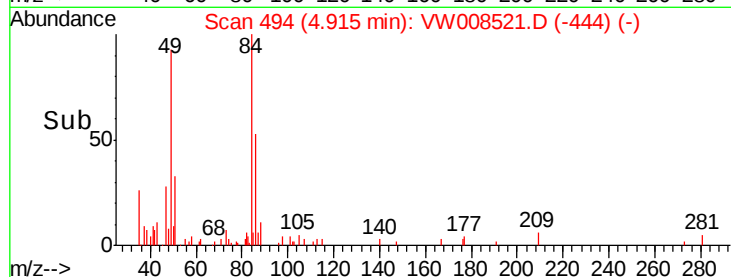
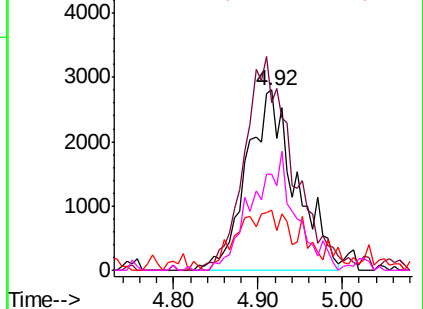
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25

2-Butanone

Concen: 2.273 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.04 min

Lab File: VW008521.D

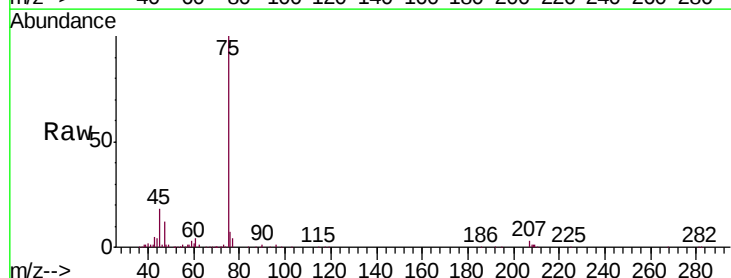
Acq: 06 Feb 2019 12:20

Tgt Ion: 43 Resp: 3864

Ion Ratio Lower Upper

43 100

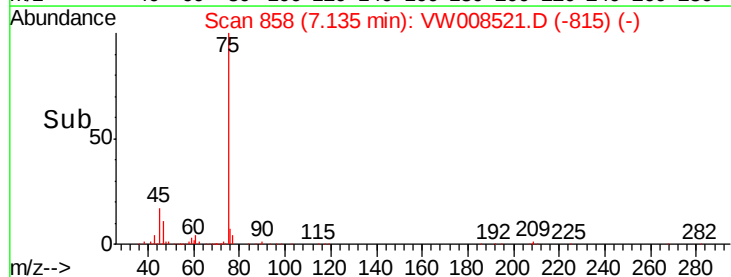
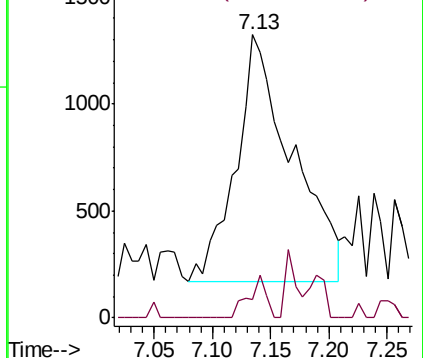
72 7.3 20.1 30.1#

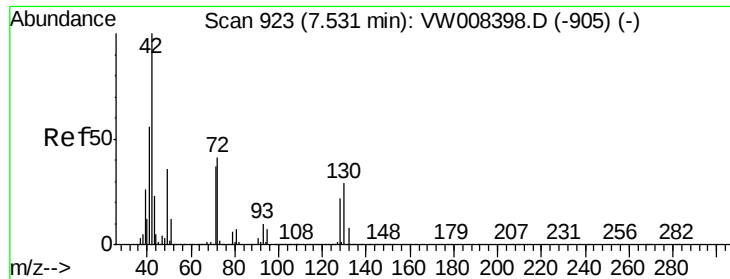


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

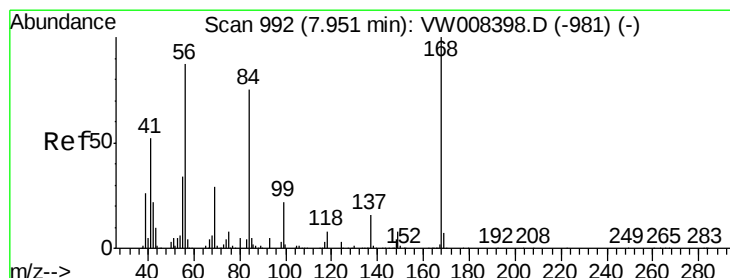
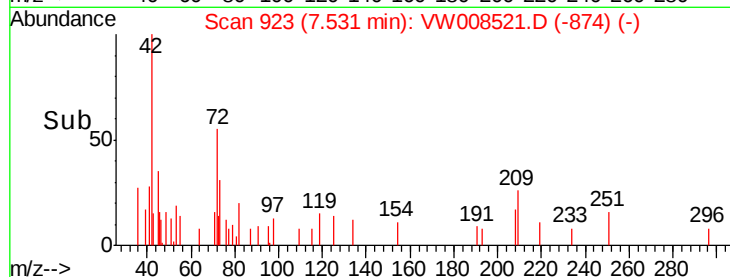
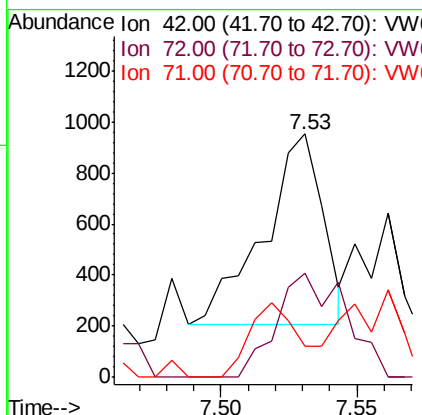
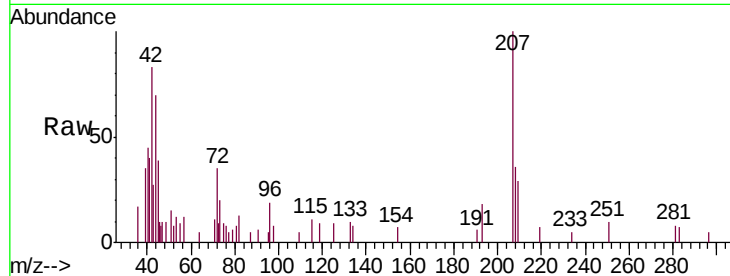




#29
Tetrahydrofuran
Concen: 1.042 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW008521.D
Acq: 06 Feb 2019 12:20

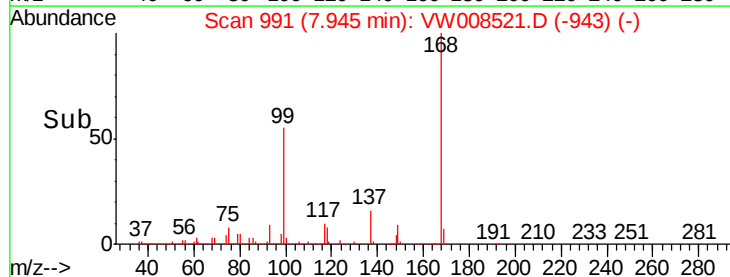
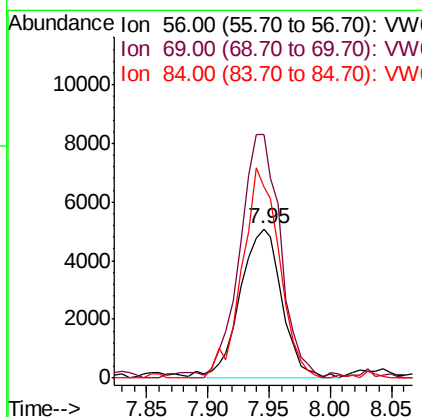
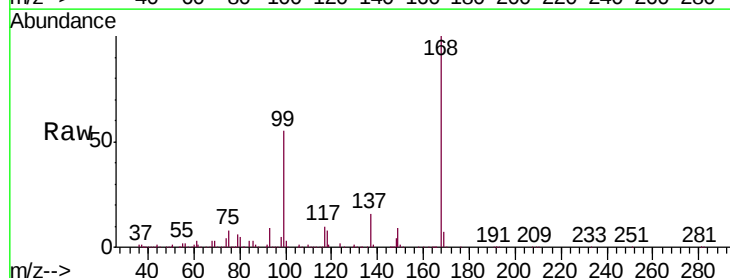
Instrument :
MSVOA_W
ClientSampleId :
A0C5B-SS1-0.0-0.5

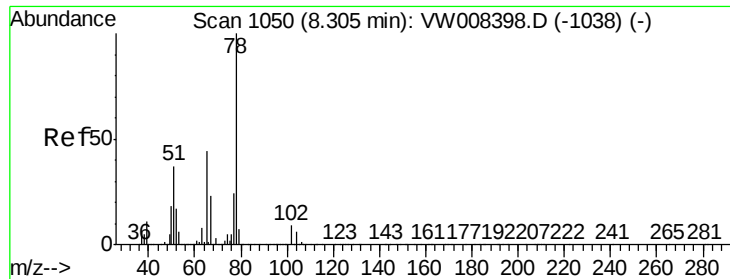
Tgt Ion: 42 Resp: 1123
Ion Ratio Lower Upper
42 100
72 63.5 31.9 47.9#
71 30.5 29.9 44.9



#31
Cyclohexane
Concen: 1.134 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008521.D
Acq: 06 Feb 2019 12:20

Tgt Ion: 56 Resp: 12127
Ion Ratio Lower Upper
56 100
69 159.6 26.4 39.6#
84 127.8 69.1 103.7#

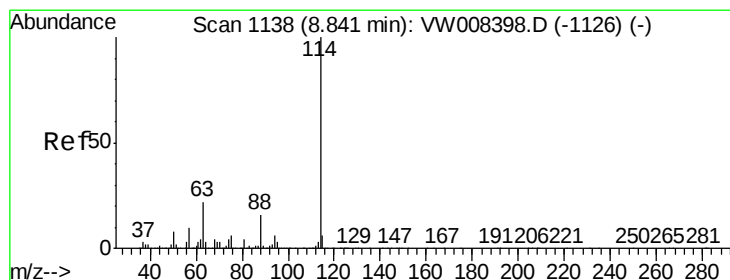
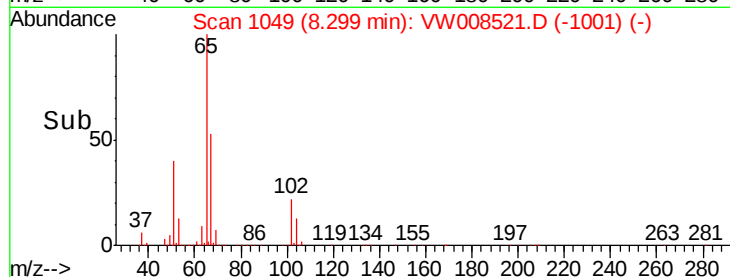
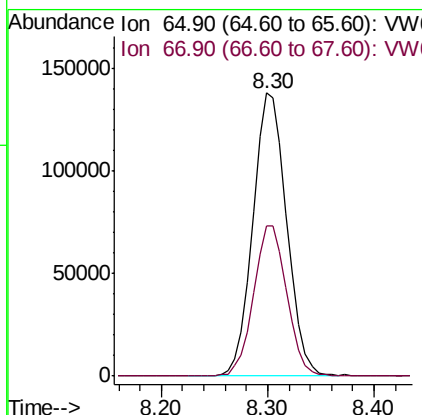
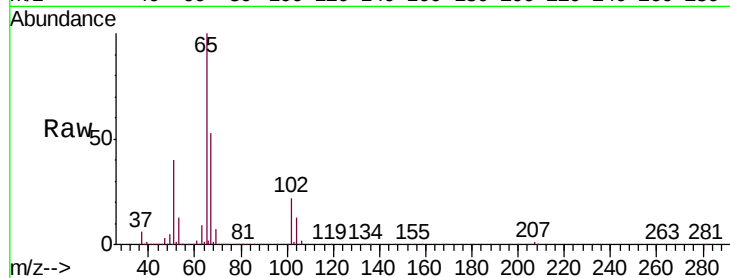




#33
 1,2-Dichloroethane-d4
 Concen: 56.220 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW008521.D
 Acq: 06 Feb 2019 12:20

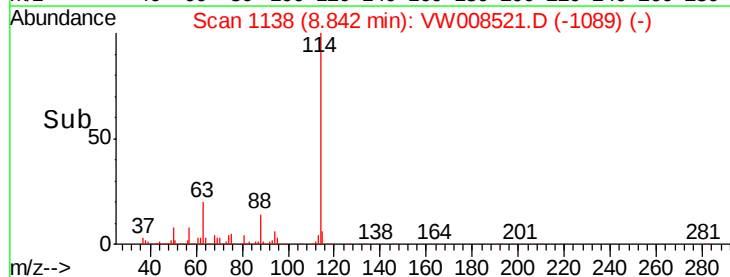
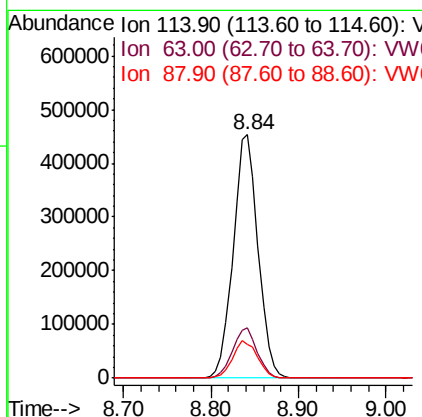
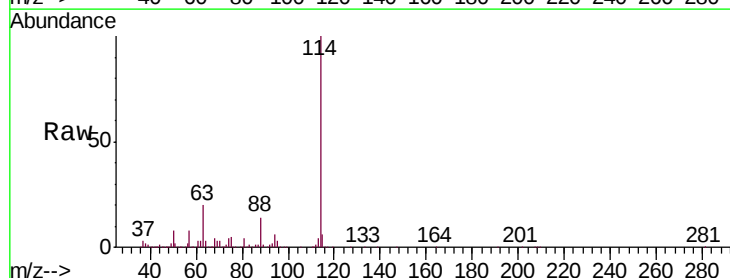
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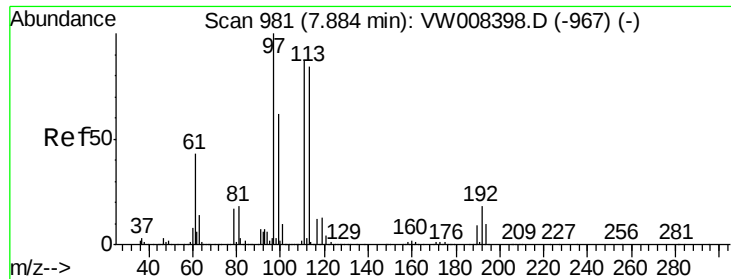
Tgt Ion: 65 Resp: 306436
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008521.D
 Acq: 06 Feb 2019 12:20

Tgt Ion: 114 Resp: 894354
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 43.6
 88 14.0 0.0 31.8

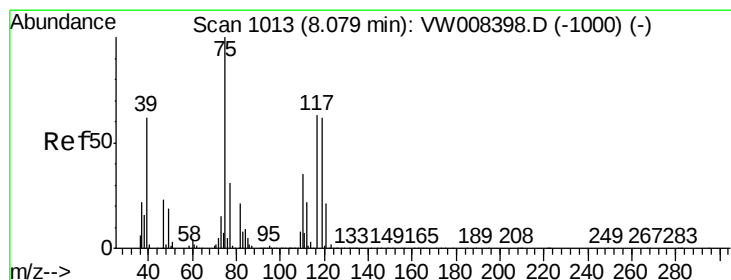
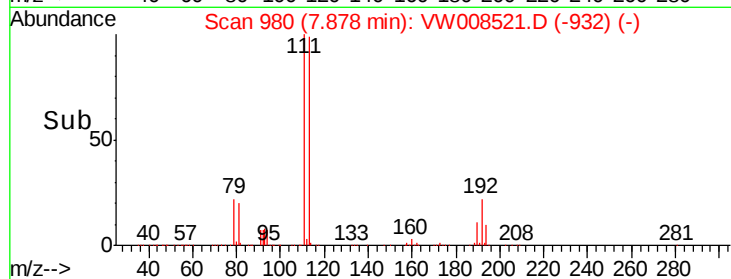
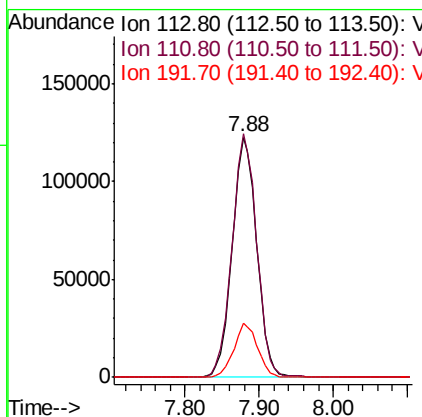
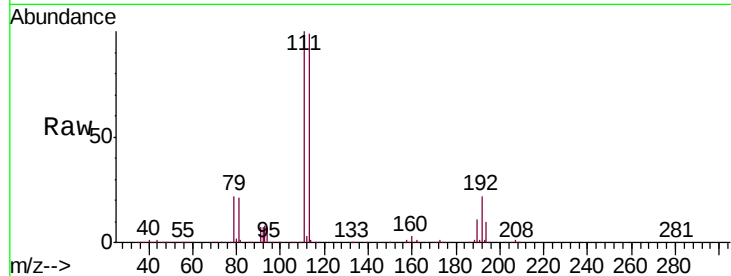




#35
 Dibromofluoromethane
 Concen: 54.362 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008521.D
 Acq: 06 Feb 2019 12:20

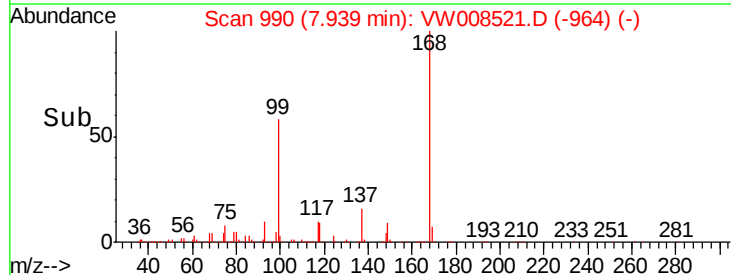
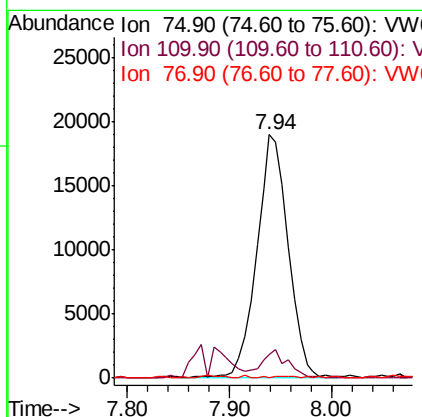
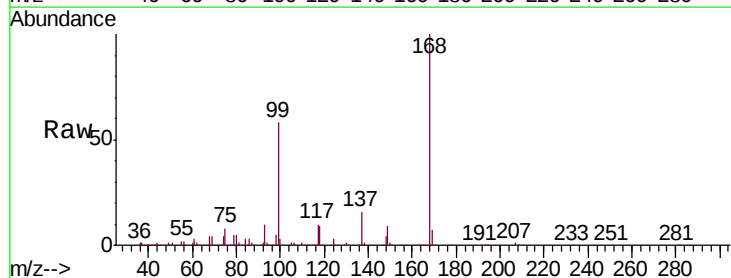
Instrument :
 MSVOA_W
 ClientSampleId :
 A0C5B-SS1-0.0-0.5

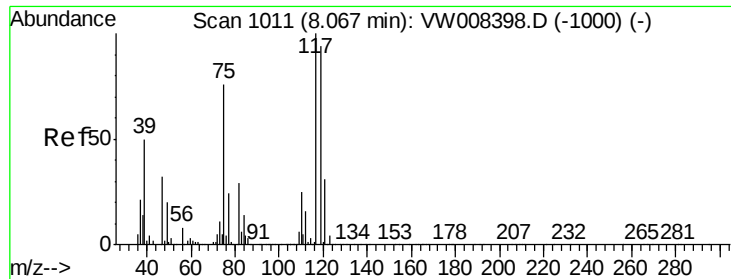
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.0	121.4
192	21.7	16.8	25.2



#36
 1,1-Dichloropropene
 Concen: 4.839 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW008521.D
 Acq: 06 Feb 2019 12:20

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.8	17.3	52.0#
77	0.8	24.7	37.1#

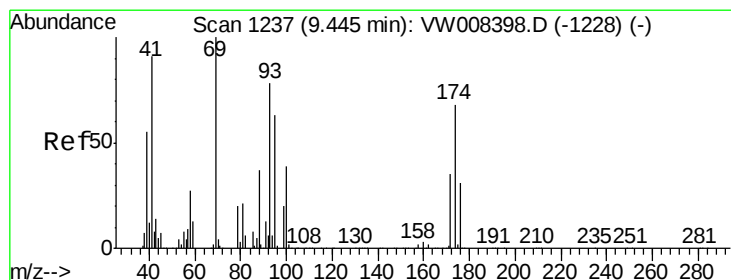
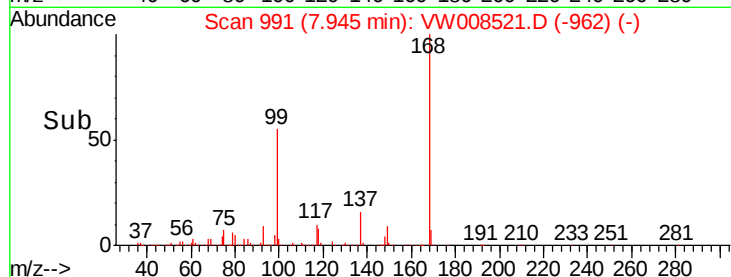
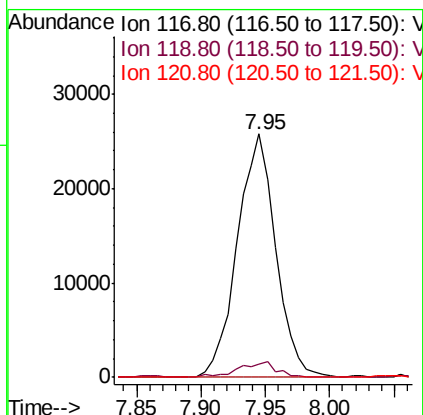
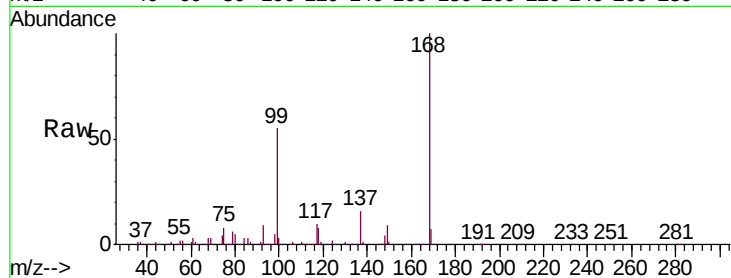




#38
Carbon Tetrachloride
Concen: 6.267 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW008521.D
Acq: 06 Feb 2019 12:20

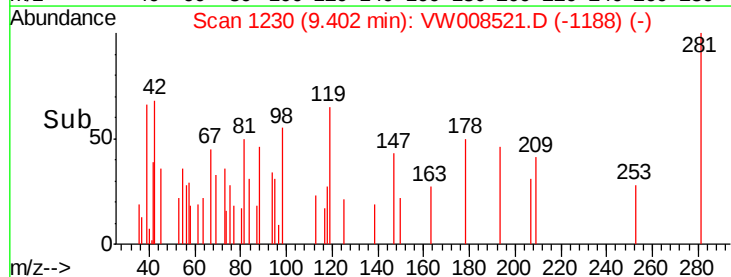
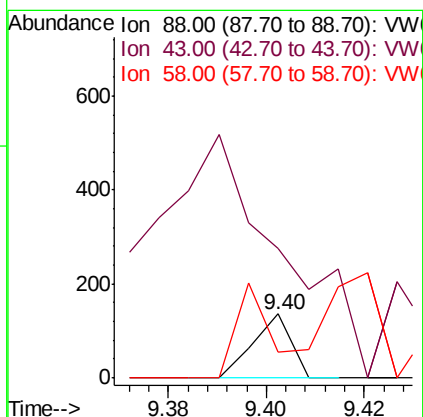
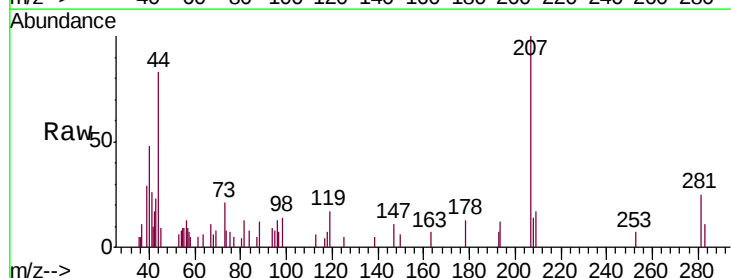
Instrument :
MSVOA_W
ClientSampleId :
A0C5B-SS1-0.0-0.5

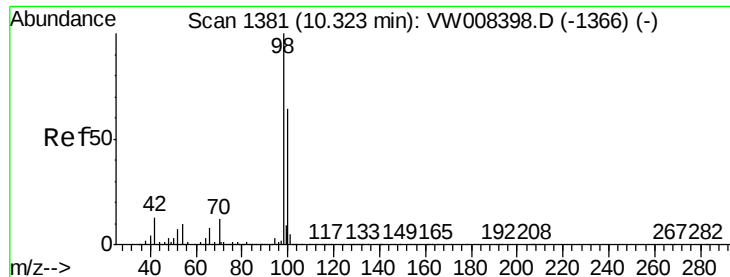
Tgt Ion: 117 Resp: 53278
Ion Ratio Lower Upper
117 100
119 5.6 75.0 112.4#
121 0.0 24.9 37.3#



#49
1,4-Dioxane
Concen: 1.417 ug/l
RT: 9.40 min Scan# 1230
Delta R.T. -0.04 min
Lab File: VW008521.D
Acq: 06 Feb 2019 12:20

Tgt Ion: 88 Resp: 72
Ion Ratio Lower Upper
88 100
43 1159.7 29.0 43.4#
58 130.6 56.4 84.6#





#50

Toluene-d8

Concen: 51.062 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008521.D

Acq: 06 Feb 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

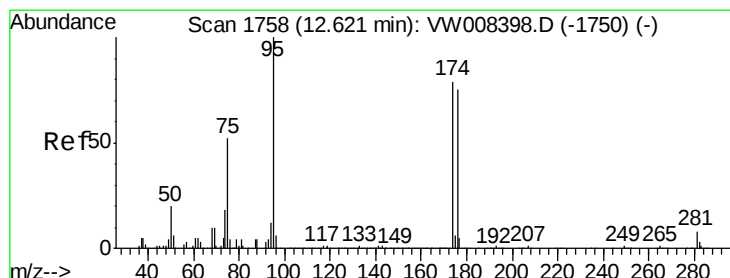
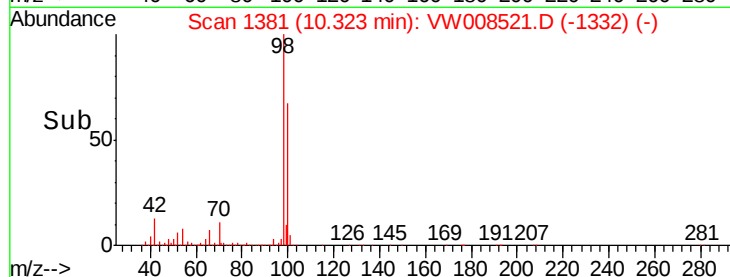
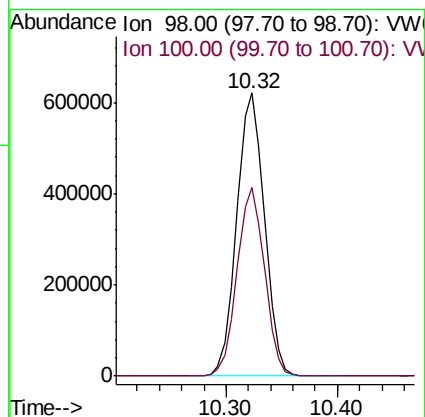
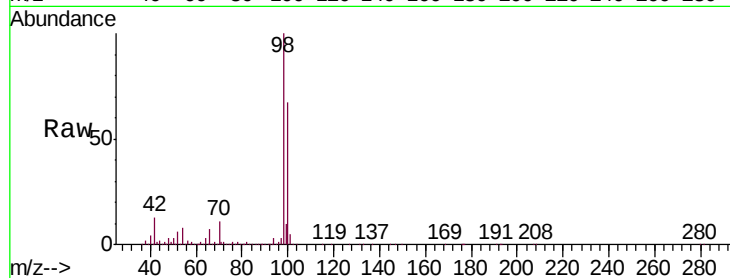
A0C5B-SS1-0.0-0.5

Tgt Ion: 98 Resp: 1070809

Ion Ratio Lower Upper

98 100

100 66.1 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 50.890 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008521.D

Acq: 06 Feb 2019 12:20

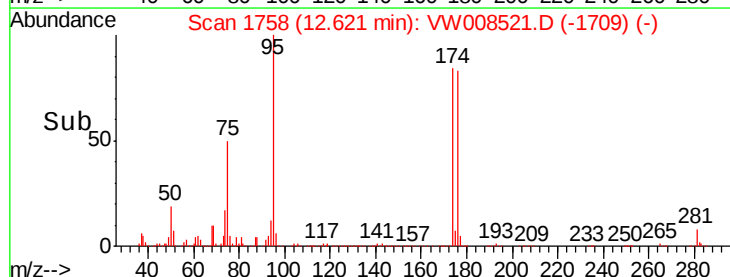
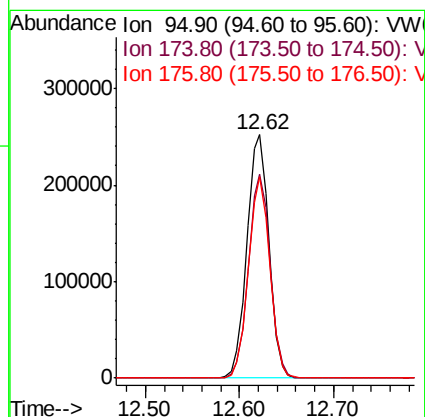
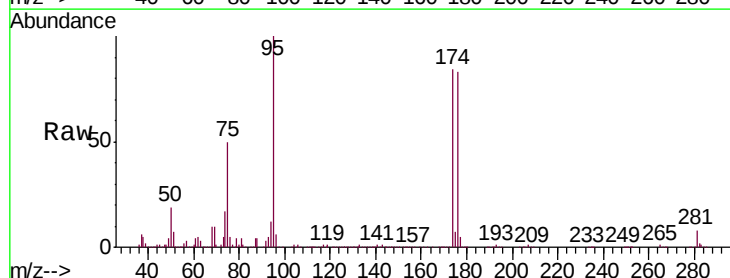
Tgt Ion: 95 Resp: 410219

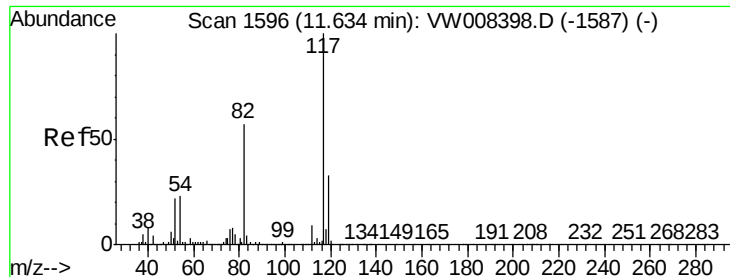
Ion Ratio Lower Upper

95 100

174 82.8 0.0 157.6

176 80.7 0.0 151.8

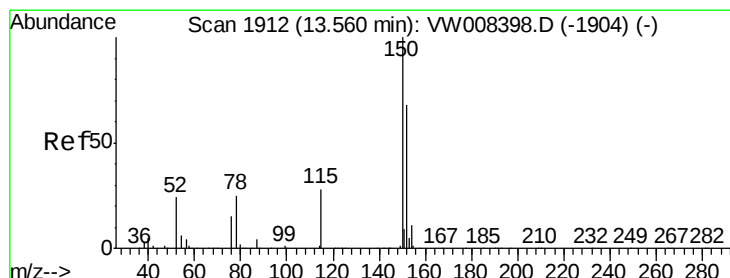
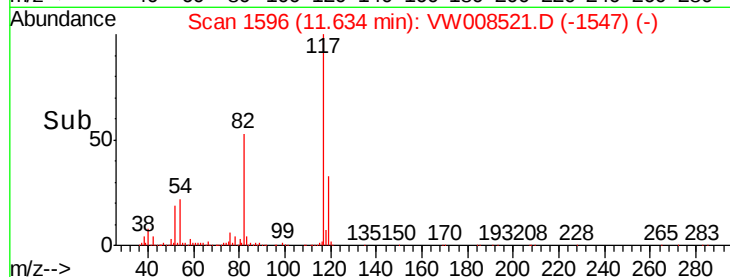
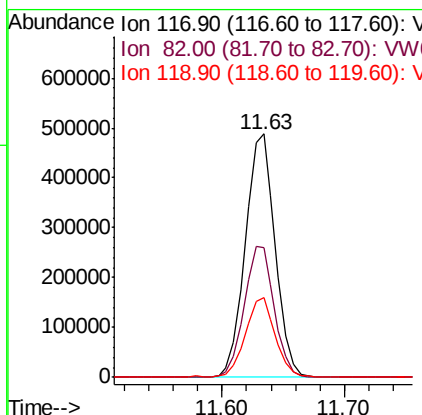
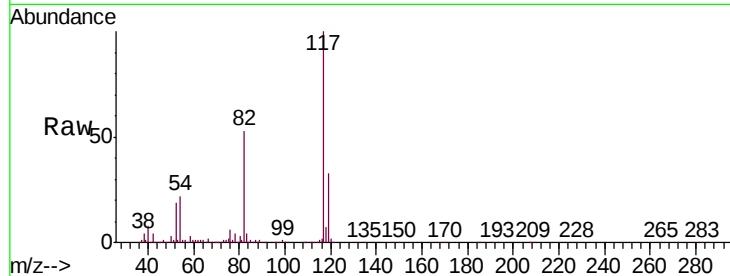




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008521.D
Acq: 06 Feb 2019 12:20

Instrument :
MSVOA_W
ClientSampleId :
A0C5B-SS1-0.0-0.5

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.1	45.4	68.0
119	32.5	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008521.D
Acq: 06 Feb 2019 12:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.0	29.9	89.7
150	158.5	0.0	351.4

