

Data File : VW008523.D
Acq On : 06 Feb 2019 13:14
Operator : SY/VA
Sample : K1383-03
Misc : 5.81G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A0C5B-SS2-0.0-0.5

Quant Time: Feb 07 01:47:29 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	578985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	928558	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	855365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	449113	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	328472	57.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.50%	
35) Dibromofluoromethane	7.88	113	297079	54.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.42%	
50) Toluene-d8	10.32	98	1116033	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
62) 4-Bromofluorobenzene	12.62	95	433379	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	

Target Compounds

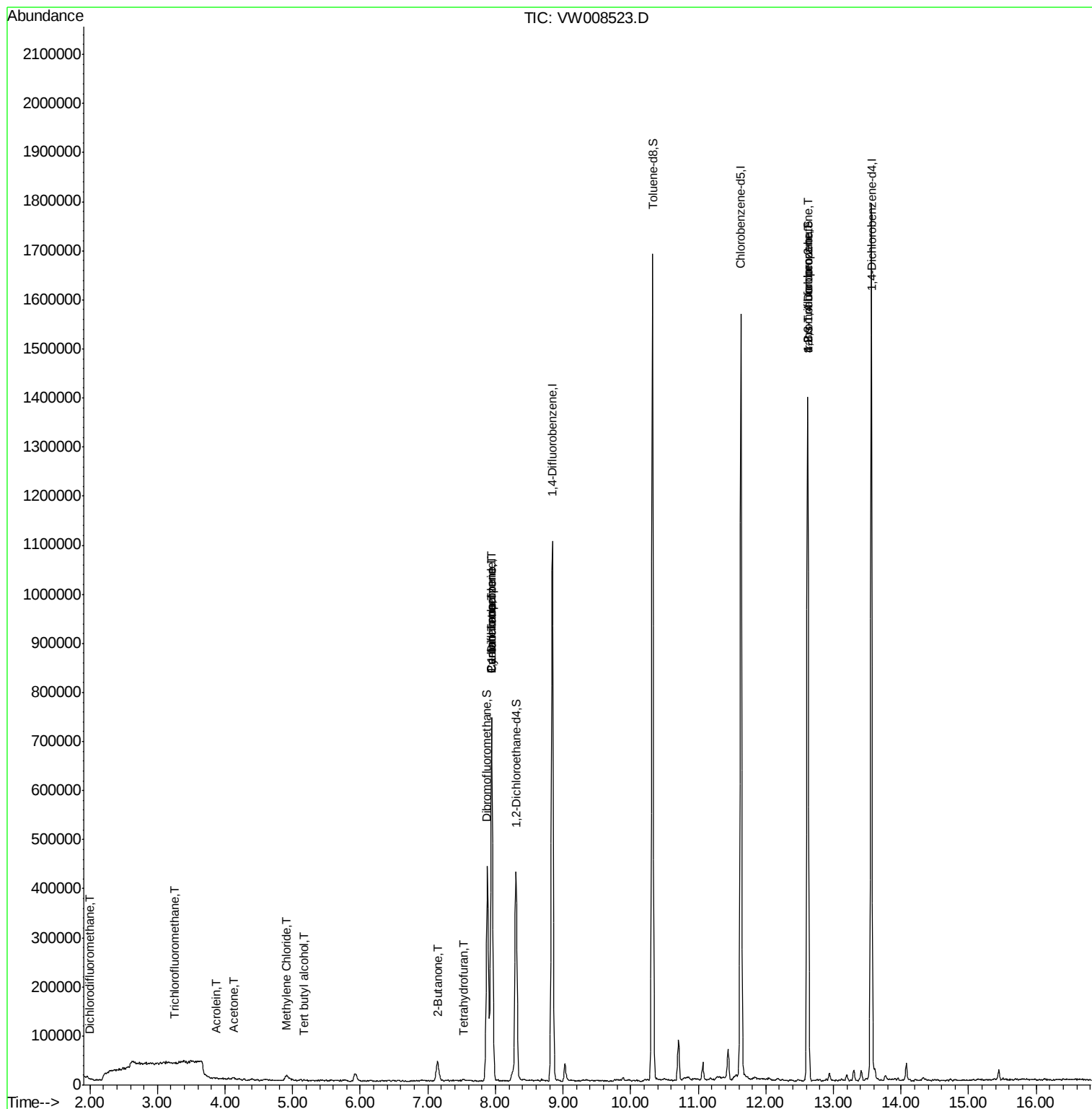
						Qvalue
2) Dichlorodifluoromethane	2.00	85	863	3.494	ug/l #	65
7) Trichlorofluoromethane	3.25	101	425	4.798	ug/l #	46
11) Tert butyl alcohol	5.17	59	1201	2.623	ug/l	99
13) Acrolein	3.88	56	439	5.254	ug/l #	73
16) Acetone	4.12	43	7008	5.486	ug/l	94
20) Methylene Chloride	4.91	84	6883	1.169	ug/l #	93
25) 2-Butanone	7.15	43	1839	1.037	ug/l #	84
29) Tetrahydrofuran	7.54	42	1254	1.115	ug/l #	59
31) Cyclohexane	7.95	56	12681	1.136	ug/l #	28
36) 1,1-Dichloropropene	7.95	75	42166	4.807	ug/l #	51
38) Carbon Tetrachloride	7.95	117	53882	6.105	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	218244	55.892	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	218244	110.392	ug/l #	12

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

Data File : VW008523.D
Acq On : 06 Feb 2019 13:14
Operator : SY/VA
Sample : K1383-03
Misc : 5.81G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A0C5B-SS2-0.0-0.5

Quant Time: Feb 07 01:47:29 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008523.D

Acq: 06 Feb 2019 13:14

Instrument :

MSVOA_W

ClientSampleId :

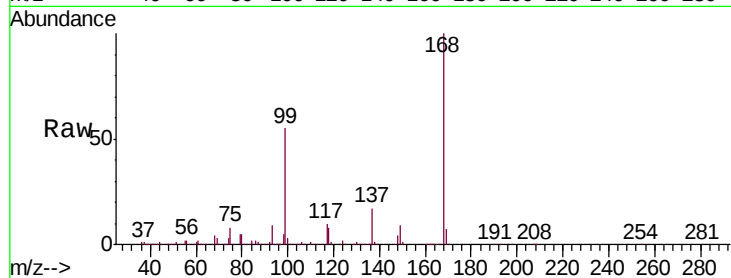
A0C5B-SS2-0.0-0.5

Tgt Ion:168 Resp: 578985

Ion Ratio Lower Upper

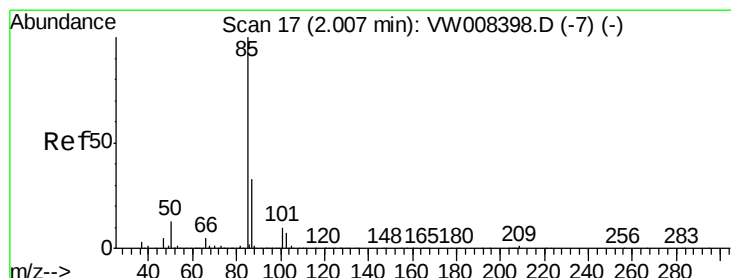
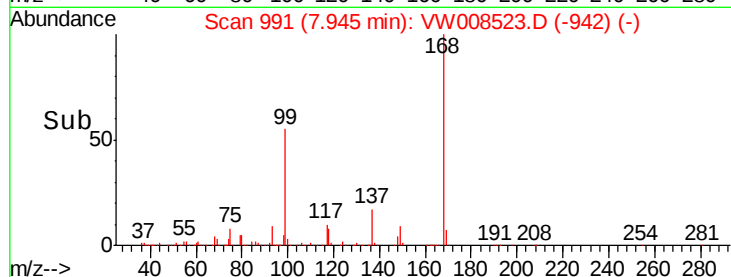
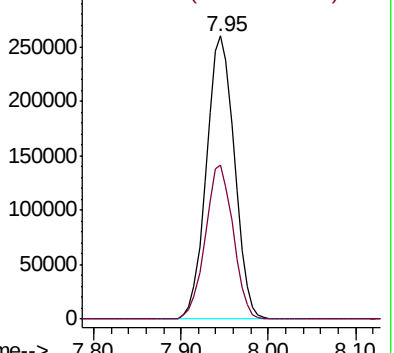
168 100

99 54.5 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 3.494 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW008523.D

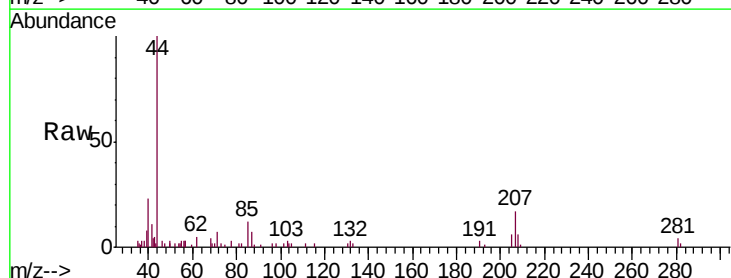
Acq: 06 Feb 2019 13:14

Tgt Ion: 85 Resp: 863

Ion Ratio Lower Upper

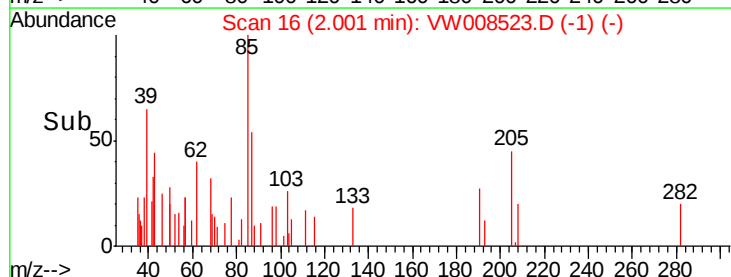
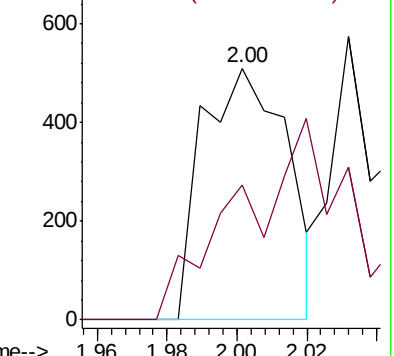
85 100

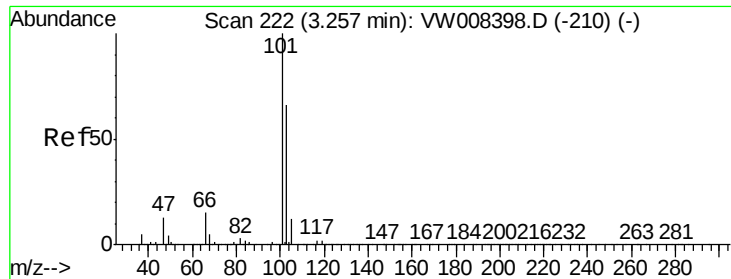
87 53.5 16.7 50.1#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW



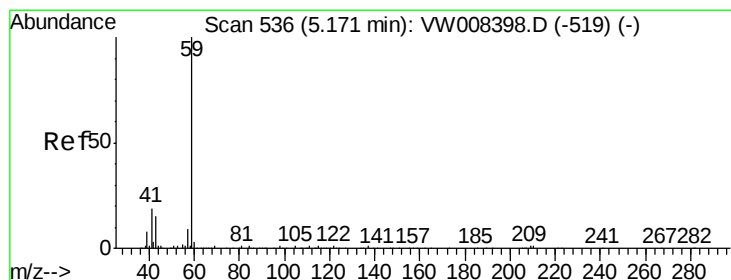
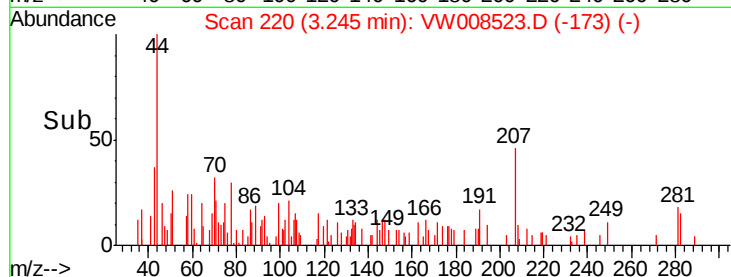
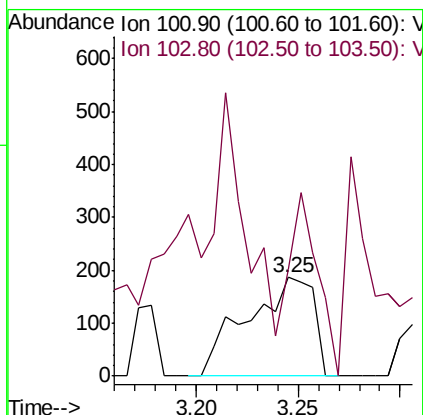
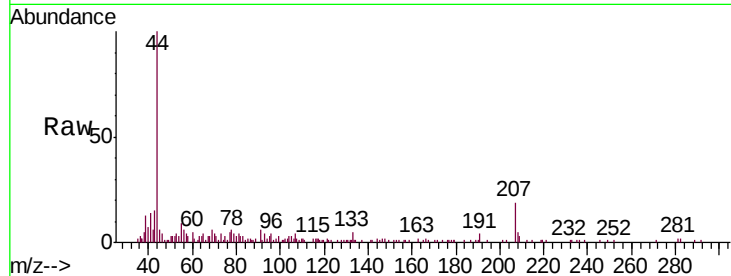


#7

Trichlorofluoromethane
Concen: 4.798 ug/l
RT: 3.25 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW008523.D
Acq: 06 Feb 2019 13:14

Instrument :
MSVOA_W
ClientSampleId :
A0C5B-SS2-0.0-0.5

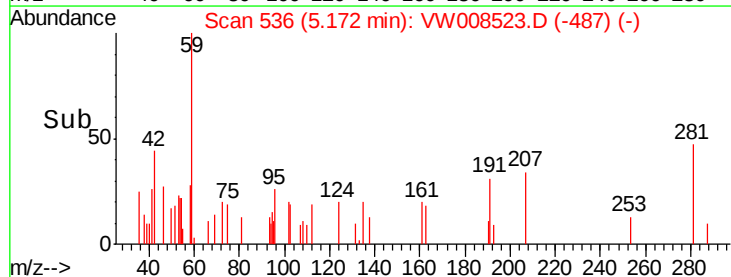
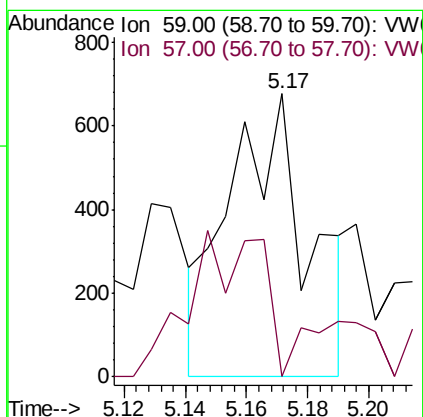
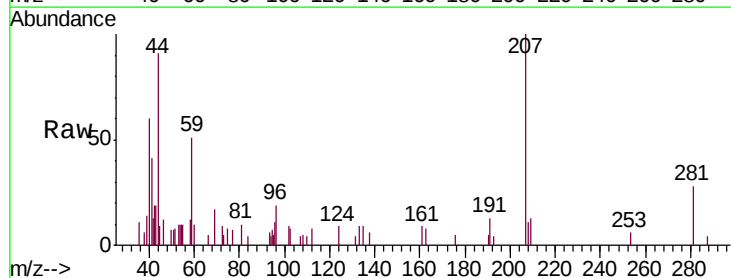
Tgt Ion: 101 Resp: 425
Ion Ratio Lower Upper
101 100
103 108.6 52.5 78.7#

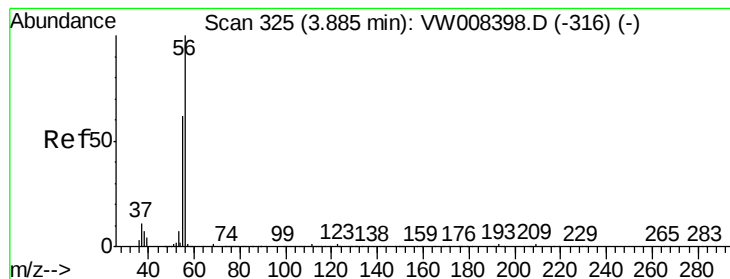


#11

Tert butyl alcohol
Concen: 2.623 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.00 min
Lab File: VW008523.D
Acq: 06 Feb 2019 13:14

Tgt Ion: 59 Resp: 1201
Ion Ratio Lower Upper
59 100
57 11.4 9.3 13.9





#13

Acrolein

Concen: 5.254 ug/l

RT: 3.88 min Scan# 324

Delta R.T. -0.01 min

Lab File: VW008523.D

Acq: 06 Feb 2019 13:14

Instrument :

MSVOA_W

ClientSampleID :

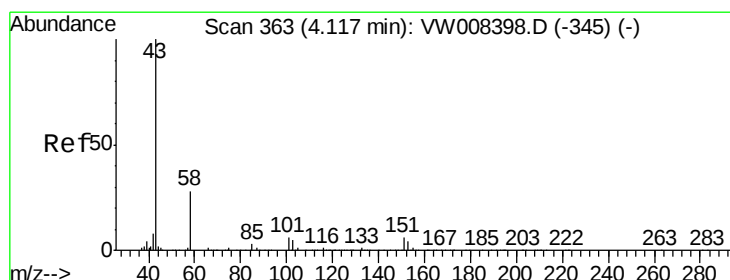
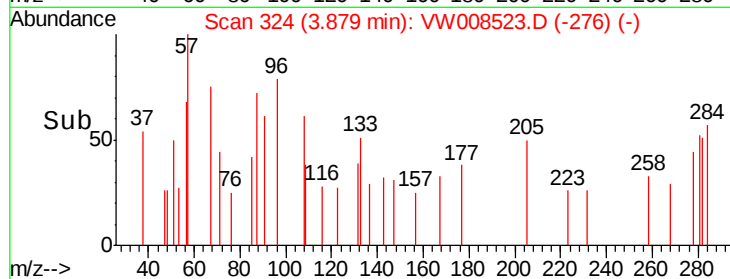
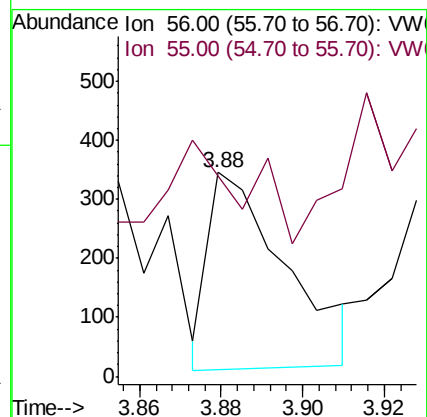
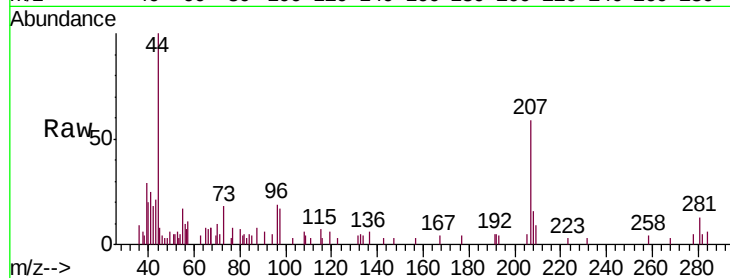
A0C5B-SS2-0.0-0.5

Tgt Ion: 56 Resp: 439

Ion Ratio Lower Upper

56 100

55 48.5 56.7 85.1#



#16

Acetone

Concen: 5.486 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008523.D

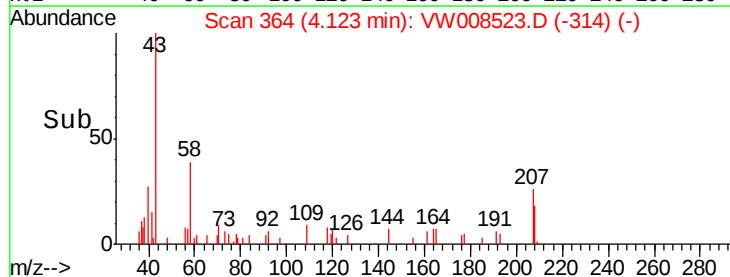
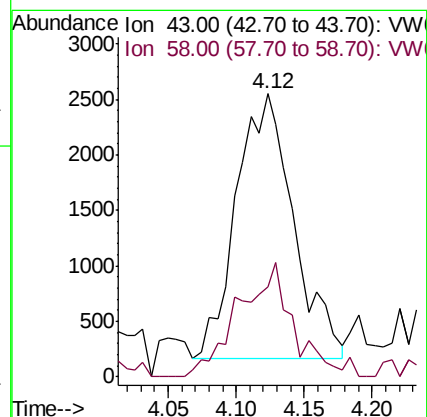
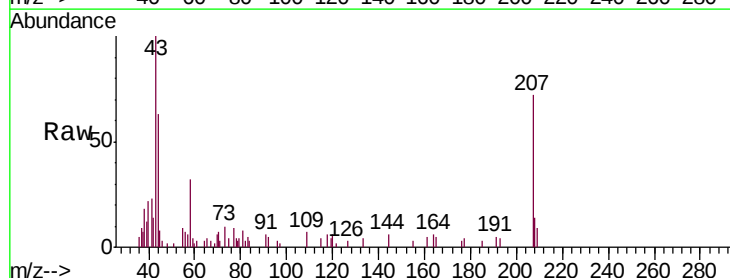
Acq: 06 Feb 2019 13:14

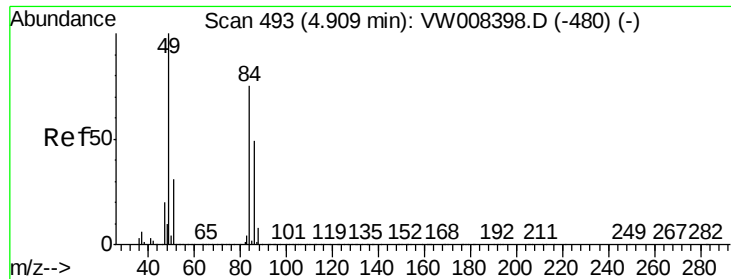
Tgt Ion: 43 Resp: 7008

Ion Ratio Lower Upper

43 100

58 31.4 22.6 34.0

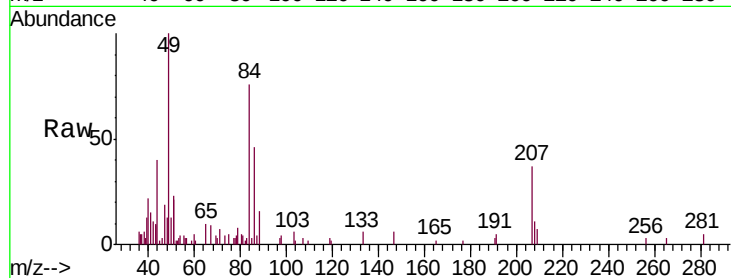




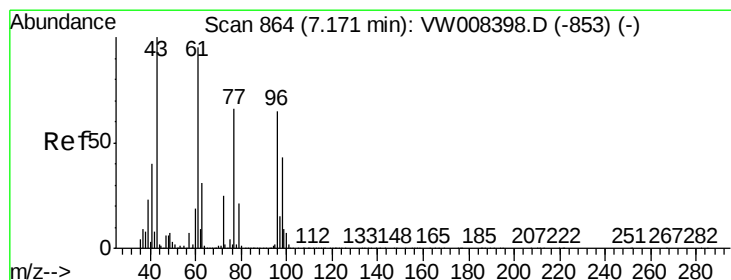
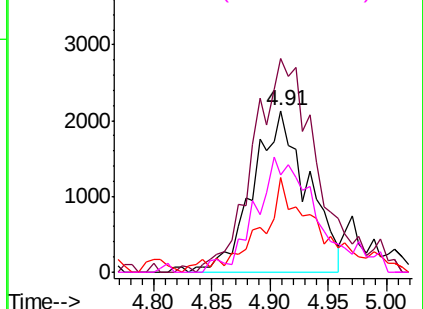
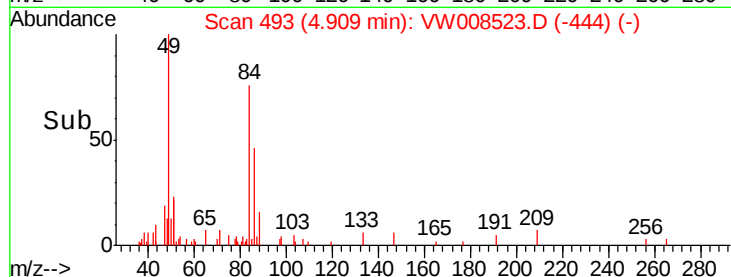
#20
Methylene Chloride
Concen: 1.169 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008523.D
Acq: 06 Feb 2019 13:14

Instrument :
MSVOA_W
ClientSampleId :
A0C5B-SS2-0.0-0.5

Tgt Ion: 84 Resp: 6883
Ion Ratio Lower Upper
84 100
49 129.3 106.8 160.2
51 54.9 32.9 49.3#
86 60.3 52.2 78.2

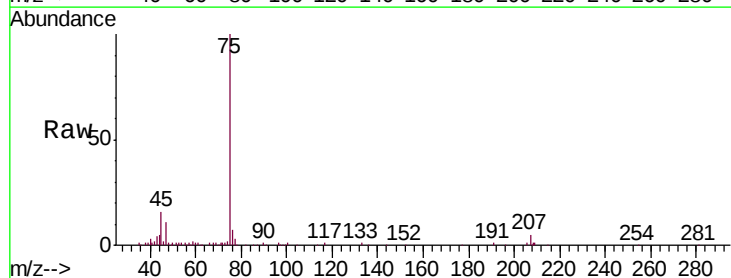


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

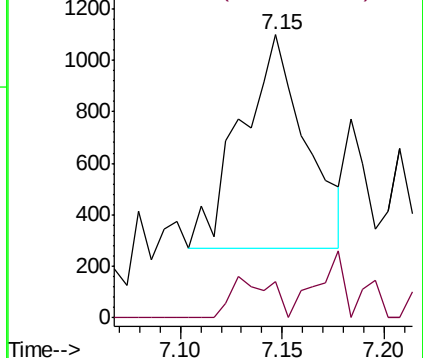
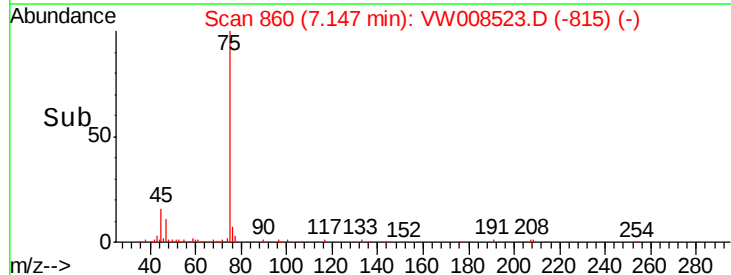


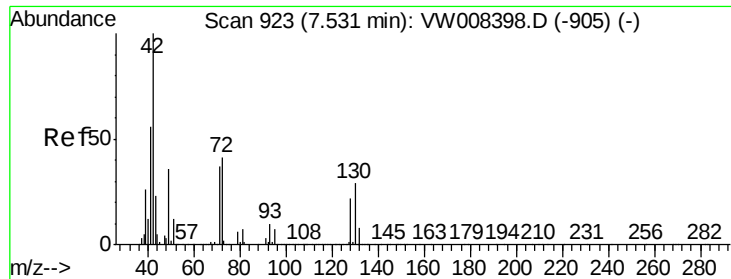
#25
2-Butanone
Concen: 1.037 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: VW008523.D
Acq: 06 Feb 2019 13:14

Tgt Ion: 43 Resp: 1839
Ion Ratio Lower Upper
43 100
72 16.9 20.1 30.1#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

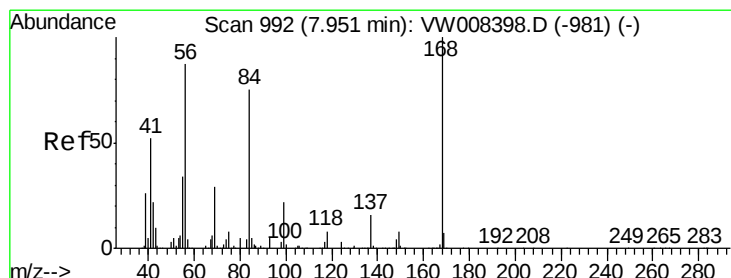
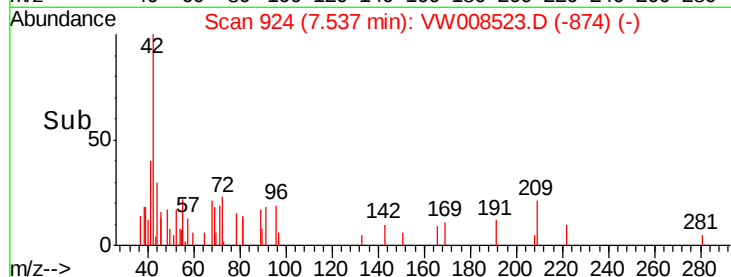
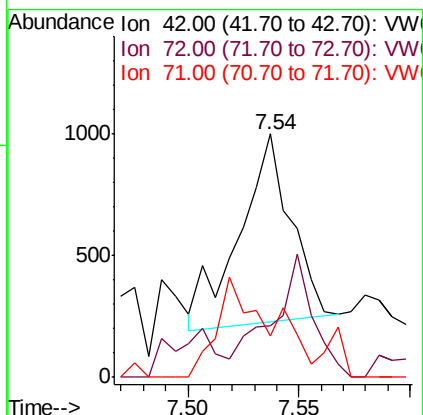
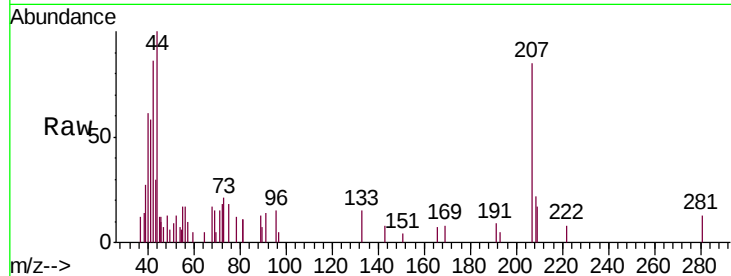




#29
Tetrahydrofuran
Concen: 1.115 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW008523.D
Acq: 06 Feb 2019 13:14

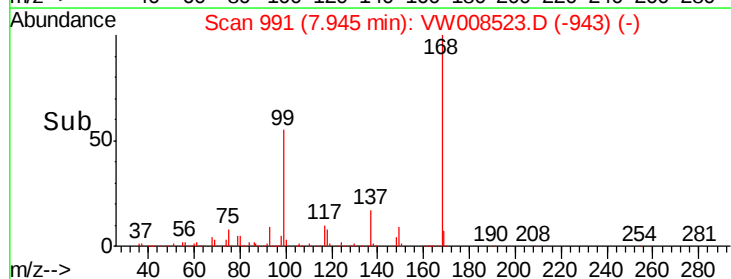
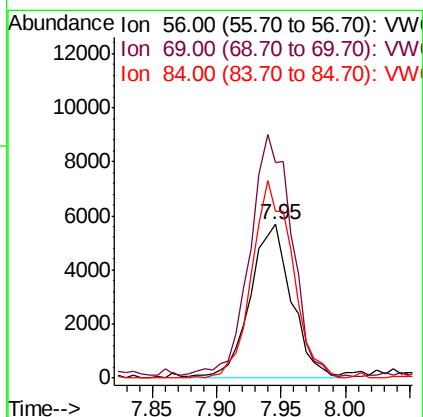
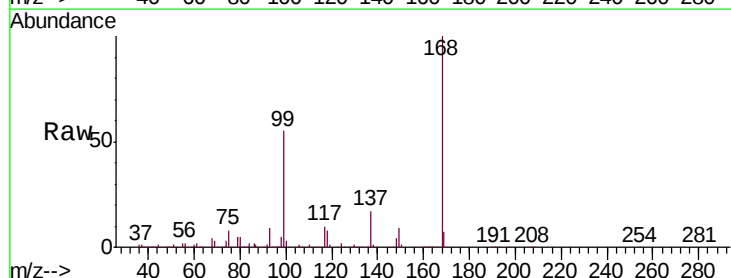
Instrument :
MSVOA_W
ClientSampleId :
A0C5B-SS2-0.0-0.5

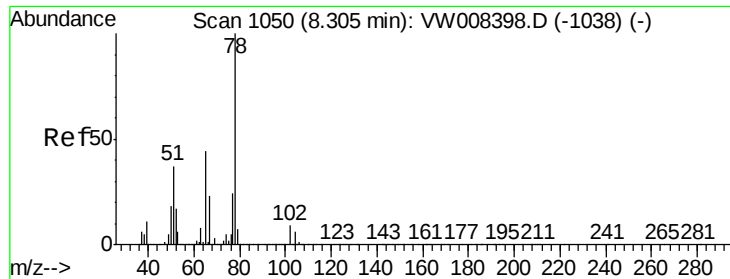
Tgt Ion: 42 Resp: 1254
Ion Ratio Lower Upper
42 100
72 52.6 31.9 47.9#
71 0.0 29.9 44.9#



#31
Cyclohexane
Concen: 1.136 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008523.D
Acq: 06 Feb 2019 13:14

Tgt Ion: 56 Resp: 12681
Ion Ratio Lower Upper
56 100
69 141.1 26.4 39.6#
84 110.4 69.1 103.7#

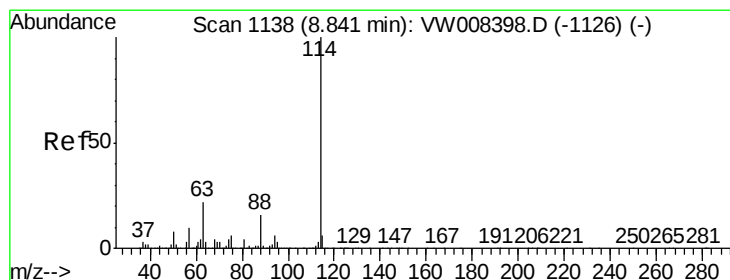
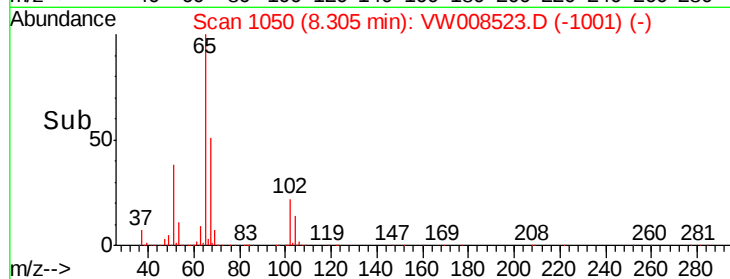
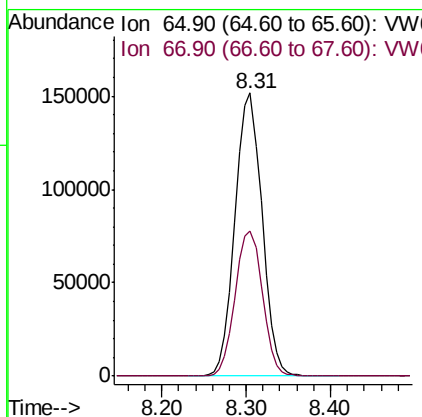
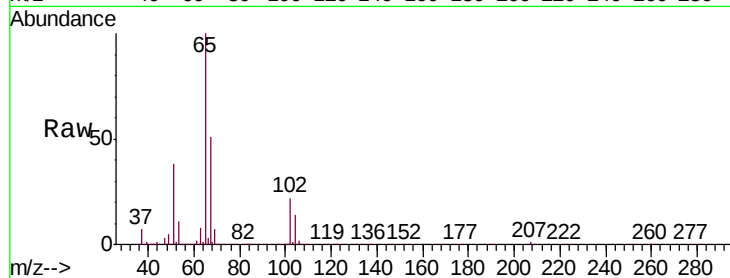




#33
 1,2-Dichloroethane-d4
 Concen: 57.748 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008523.D
 Acq: 06 Feb 2019 13:14

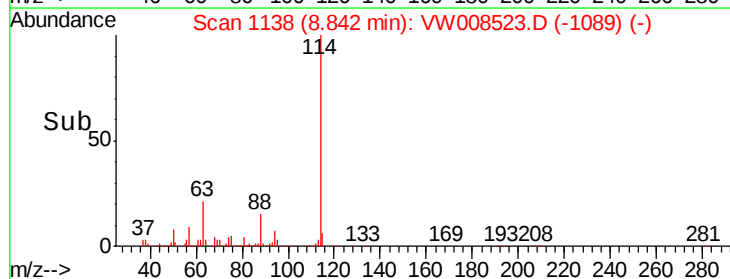
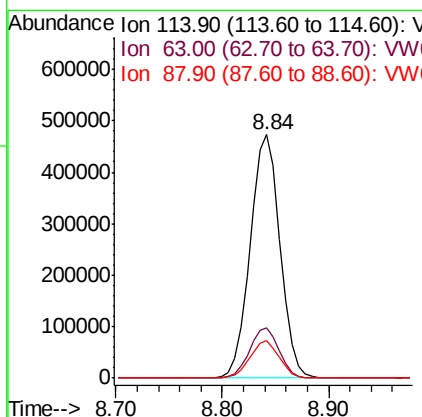
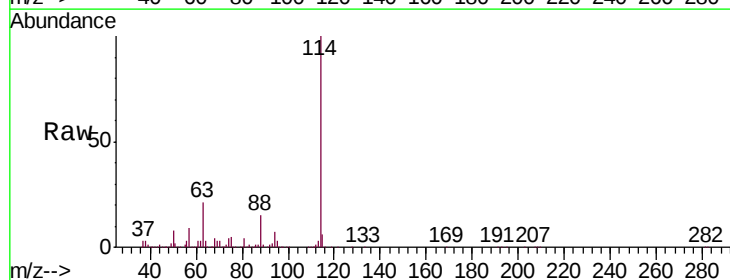
Instrument :
 MSVOA_W
 ClientSampleId :
 A0C5B-SS2-0.0-0.5

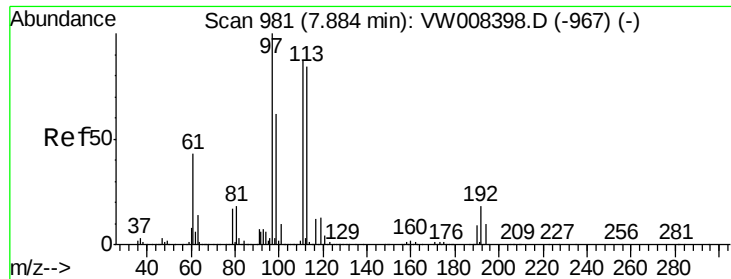
Tgt Ion: 65 Resp: 328472
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008523.D
 Acq: 06 Feb 2019 13:14

Tgt Ion: 114 Resp: 928558
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 43.6
 88 15.3 0.0 31.8

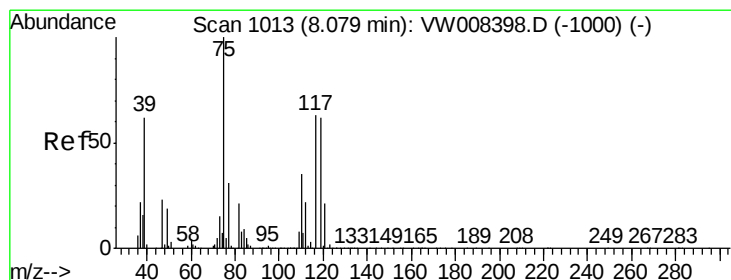
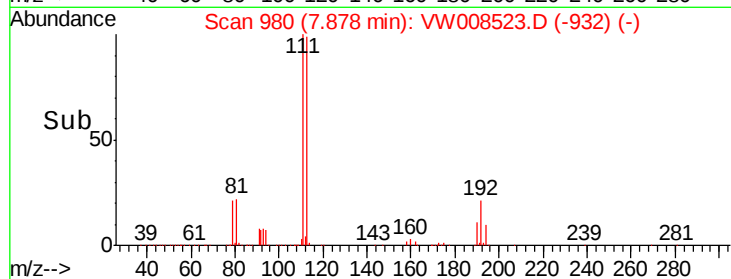
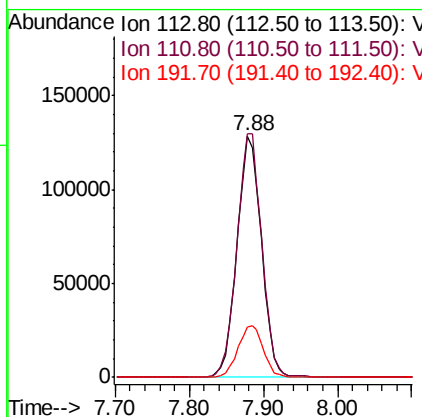
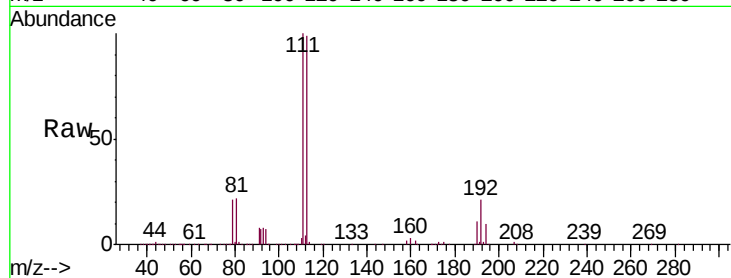




#35
 Dibromofluoromethane
 Concen: 54.715 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008523.D
 Acq: 06 Feb 2019 13:14

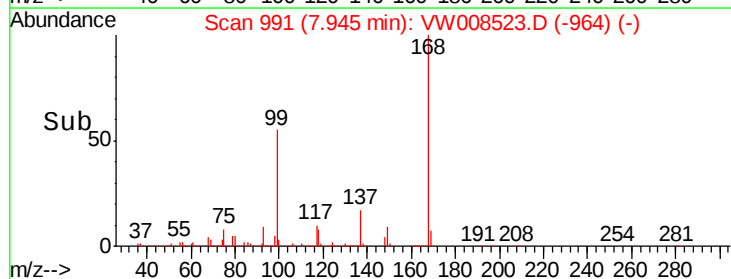
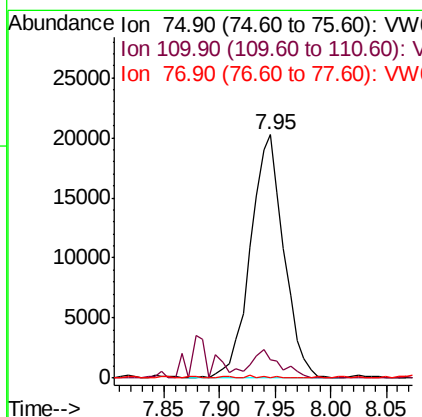
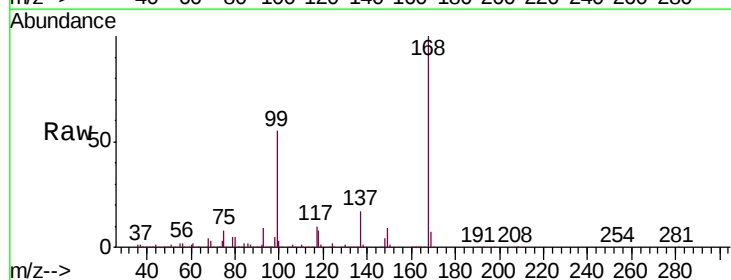
Instrument :
 MSVOA_W
 ClientSampleId :
 A0C5B-SS2-0.0-0.5

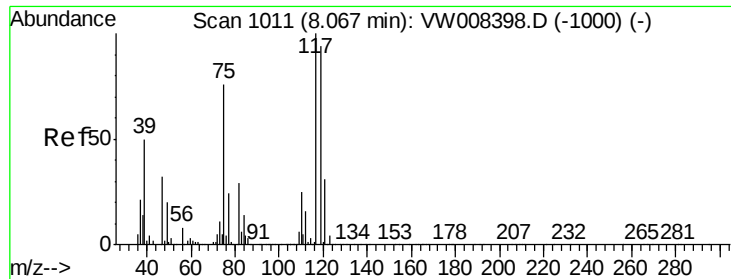
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.0	121.4
192	21.9	16.8	25.2



#36
 1,1-Dichloropropene
 Concen: 4.807 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008523.D
 Acq: 06 Feb 2019 13:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.3	52.0#
77	0.3	24.7	37.1#

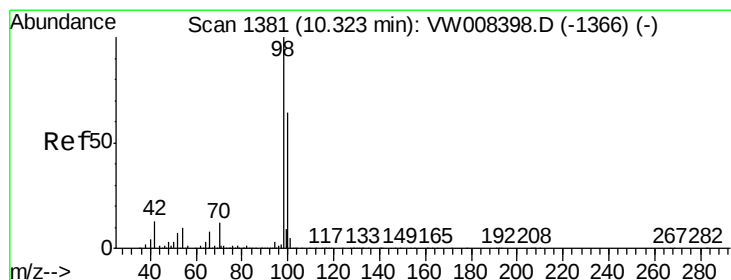
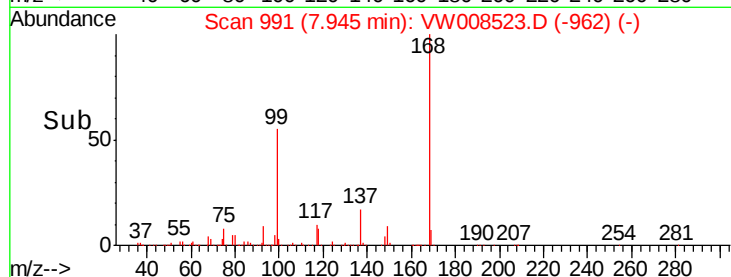
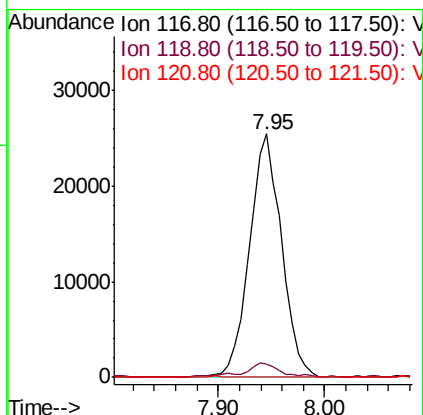
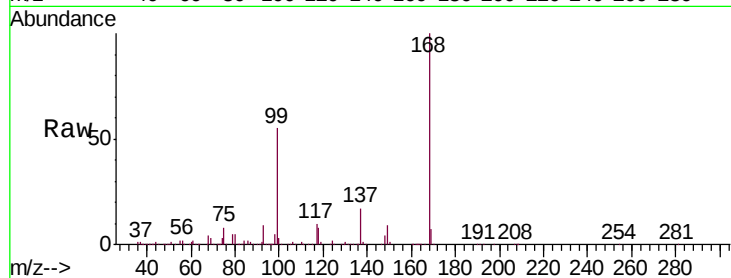




#38
Carbon Tetrachloride
Concen: 6.105 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW008523.D
Acq: 06 Feb 2019 13:14

Instrument :
MSVOA_W
ClientSampleId :
A0C5B-SS2-0.0-0.5

Tgt Ion:117 Resp: 53882
Ion Ratio Lower Upper
117 100
119 5.6 75.0 112.4#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 51.258 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008523.D
Acq: 06 Feb 2019 13:14

Tgt Ion: 98 Resp: 1116033
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8

