

Data File : VW008535.D
Acq On : 06 Feb 2019 18:34
Operator : SY/VA
Sample : K1385-05
Misc : 13.08G/5ML/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
98-SB-01-5-7

Quant Time: Feb 07 01:51:19 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	158300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	244576	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	219382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	98279	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	81801	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
35) Dibromofluoromethane	7.88	113	71361	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
50) Toluene-d8	10.32	98	288140	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
62) 4-Bromofluorobenzene	12.62	95	102710	46.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.18%	

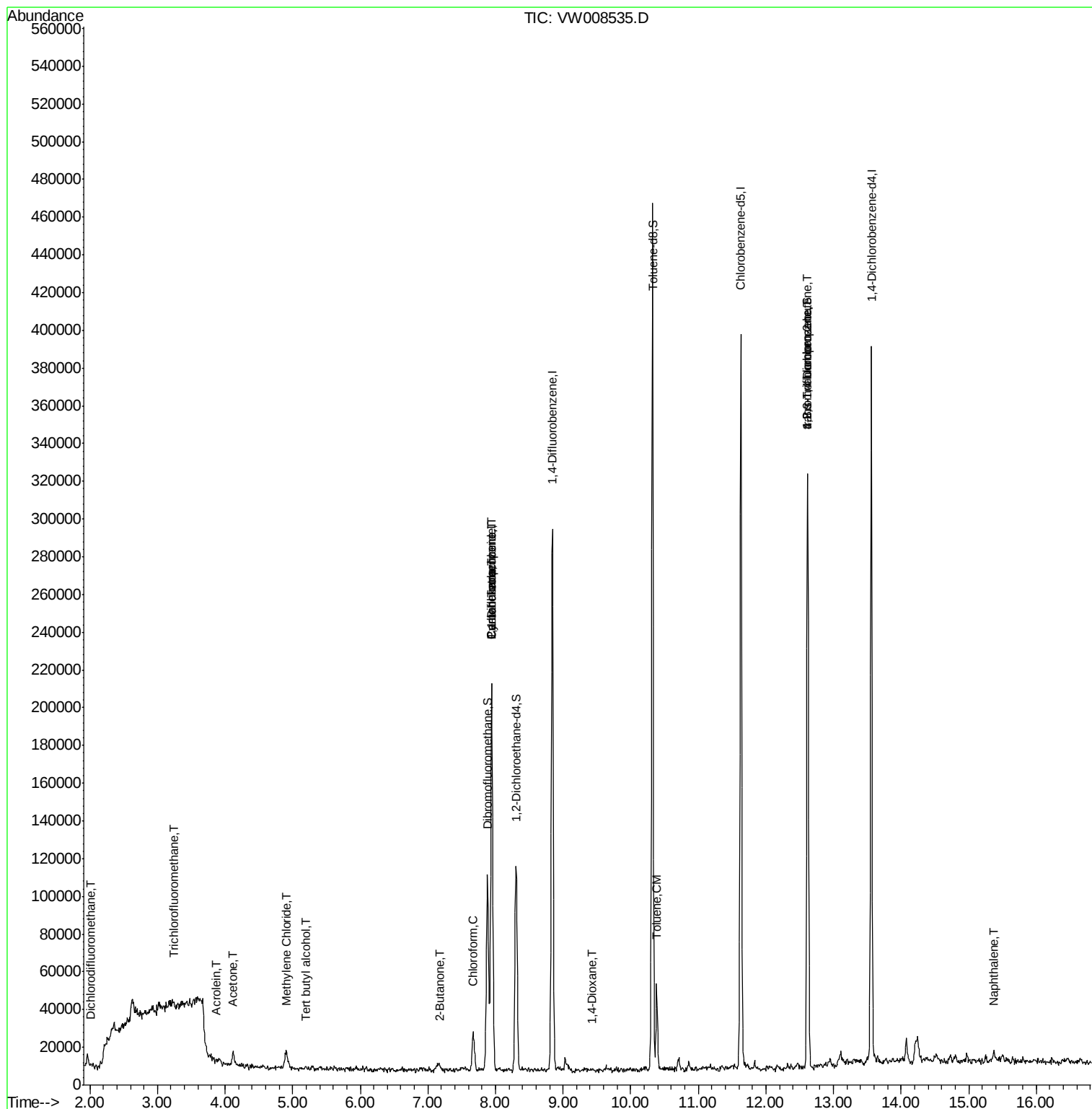
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.02	85	102	3.357	ug/l #	41
7) Trichlorofluoromethane	3.25	101	187	4.843	ug/l #	42
11) Tert butyl alcohol	5.18	59	376	3.003	ug/l	96
13) Acrolein	3.87	56	530	8.903	ug/l #	61
16) Acetone	4.12	43	11542	33.050	ug/l	92
20) Methylene Chloride	4.90	84	6228	3.869	ug/l #	86
25) 2-Butanone	7.18	43	1950	4.020	ug/l	94
30) Chloroform	7.67	83	17153	5.908	ug/l	98
31) Cyclohexane	7.94	56	3928	1.287	ug/l #	39
36) 1,1-Dichloropropene	7.94	75	11720	5.073	ug/l #	51
38) Carbon Tetrachloride	7.94	117	15270	6.568	ug/l #	17
49) 1,4-Dioxane	9.43	88	129	9.283	ug/l #	1
52) Toluene	10.38	92	18538	4.381	ug/l	100
76) 1,2,3-Trichloropropane	12.62	75	50811	59.465	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	50811	117.448	ug/l #	12
95) Naphthalene	15.38	128	5070	1.415	ug/l #	86

(#) = 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

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Instrument :

MSVOA_W

ClientSampleId :

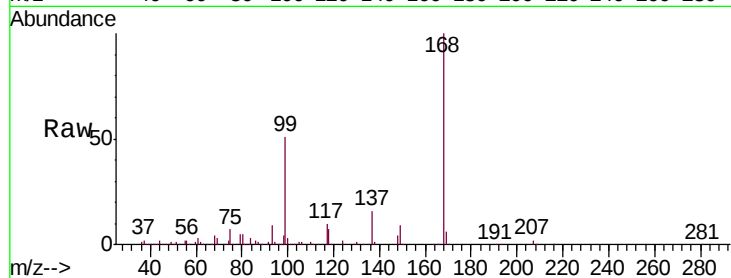
98-SB-01-5-7

Tgt Ion:168 Resp: 158300

Ion Ratio Lower Upper

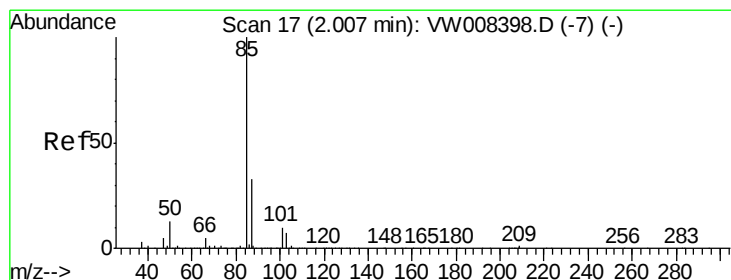
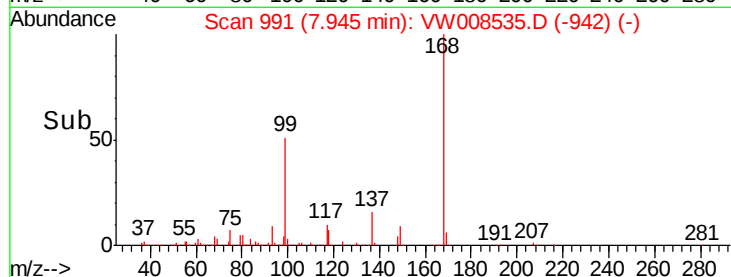
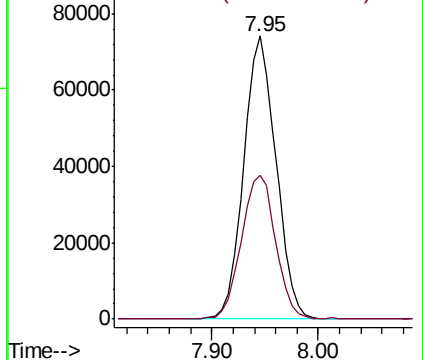
168 100

99 50.7 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: 3.357 ug/l

RT: 2.02 min Scan# 19

Delta R.T. 0.01 min

Lab File: VW008535.D

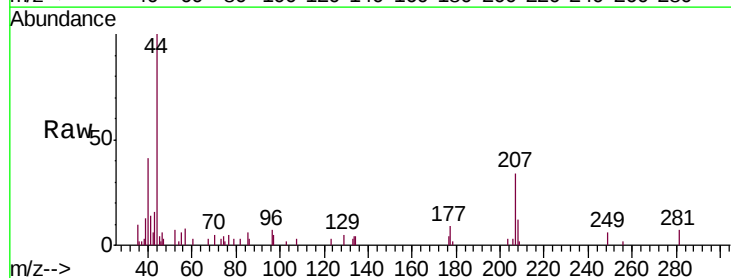
Acq: 06 Feb 2019 18:34

Tgt Ion: 85 Resp: 102

Ion Ratio Lower Upper

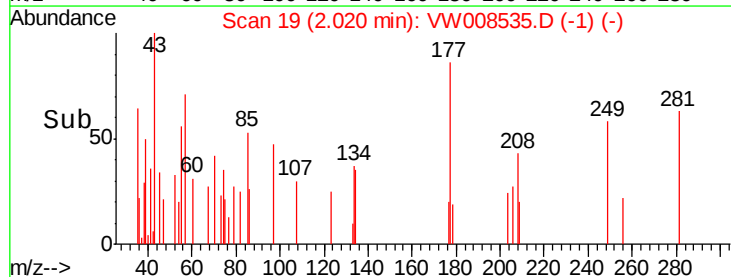
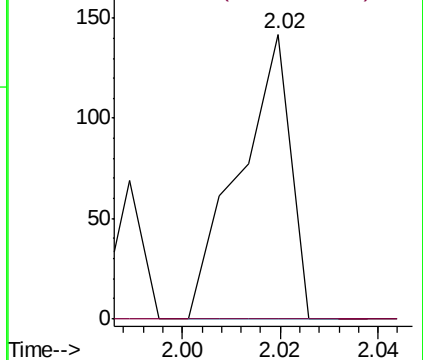
85 100

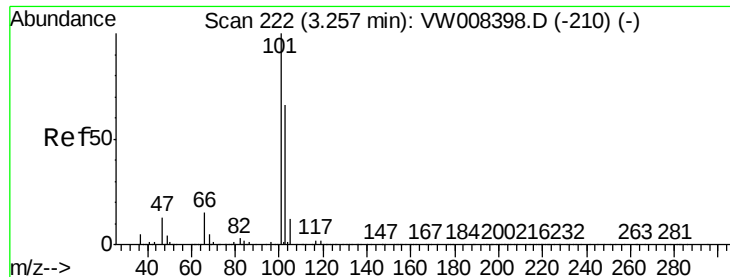
87 0.0 16.7 50.1#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW



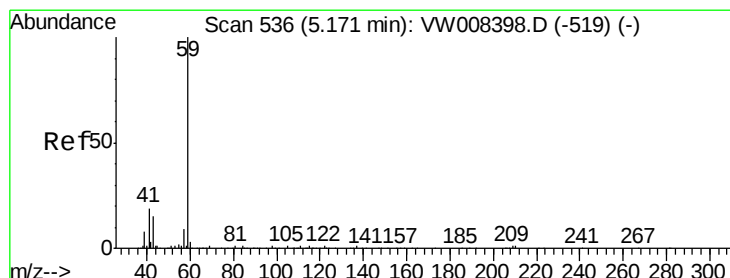
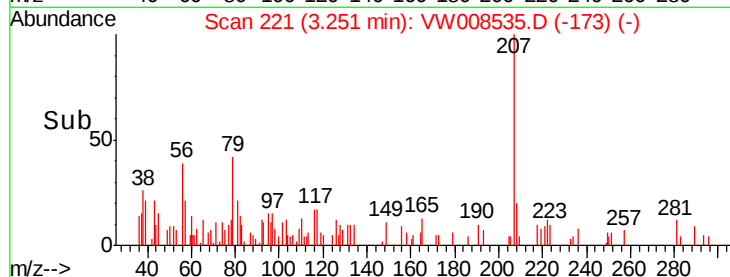
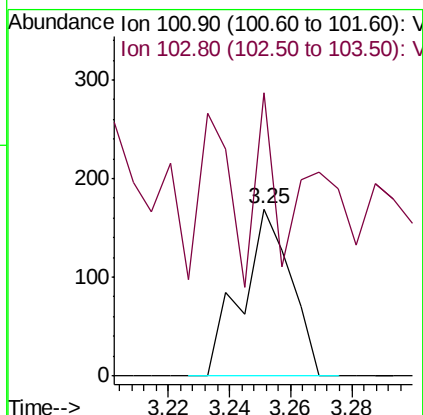
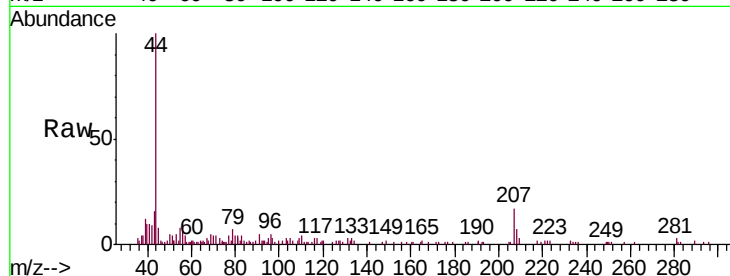


#7

Trichlorofluoromethane
 Concen: 4.843 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
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 98-SB-01-5-7

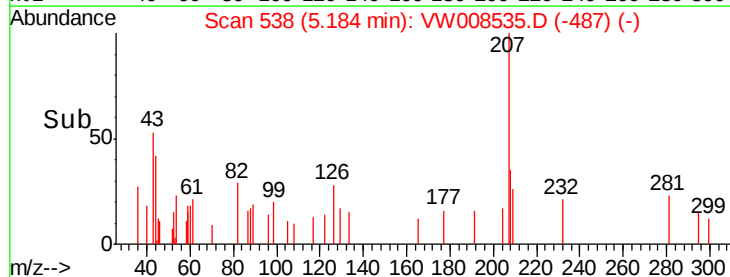
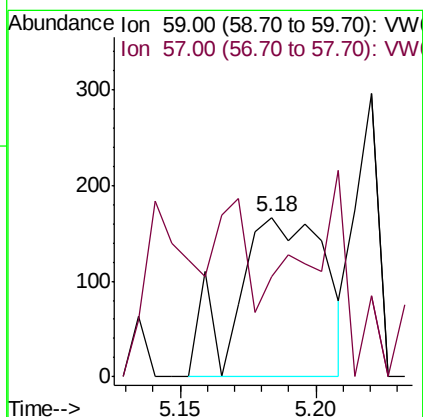
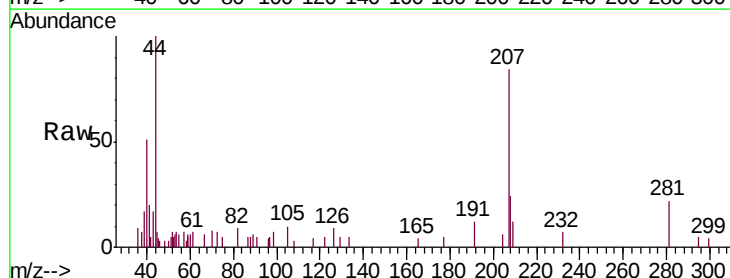
Tgt Ion:101 Resp: 187
 Ion Ratio Lower Upper
 101 100
 103 111.8 52.5 78.7#

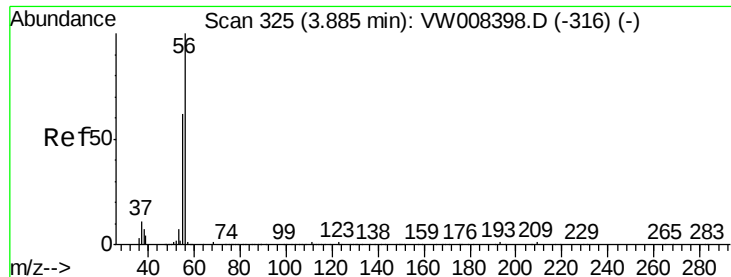


#11

Tert butyl alcohol
 Concen: 3.003 ug/l
 RT: 5.18 min Scan# 538
 Delta R.T. 0.01 min
 Lab File: VW008535.D
 Acq: 06 Feb 2019 18:34

Tgt Ion: 59 Resp: 376
 Ion Ratio Lower Upper
 59 100
 57 13.3 9.3 13.9

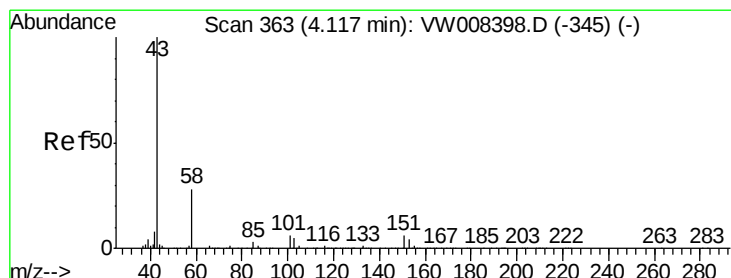
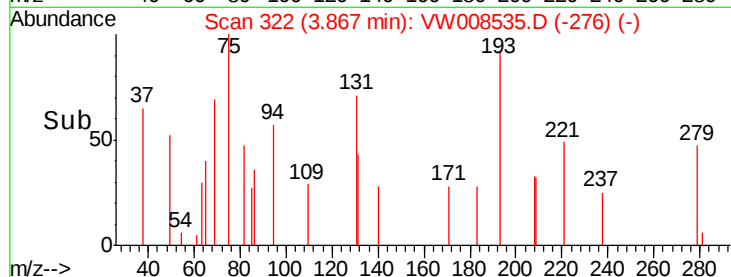
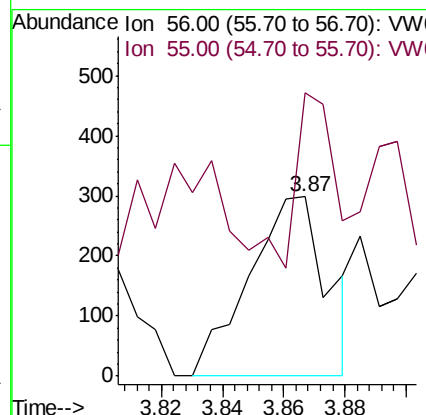
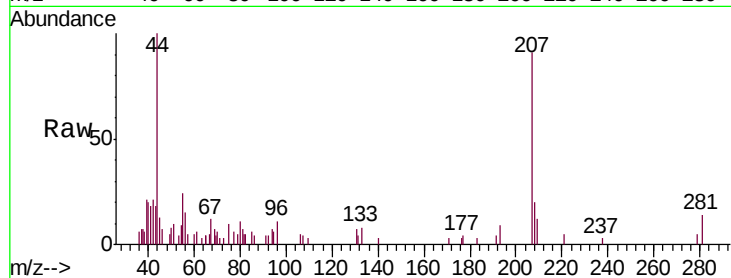




#13
Acrolein
Concen: 8.903 ug/l
RT: 3.87 min Scan# 322
Delta R.T. -0.02 min
Lab File: VW008535.D
Acq: 06 Feb 2019 18:34

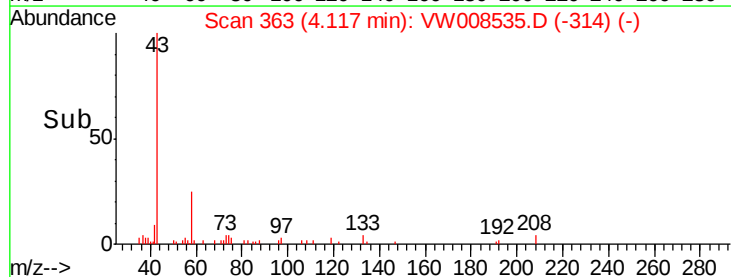
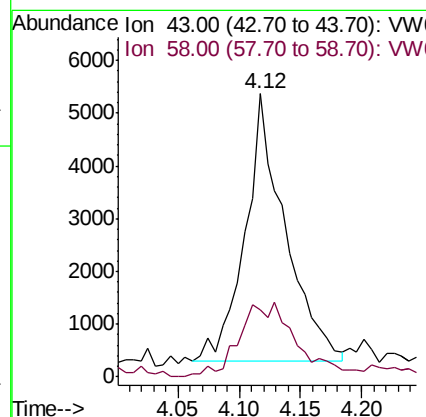
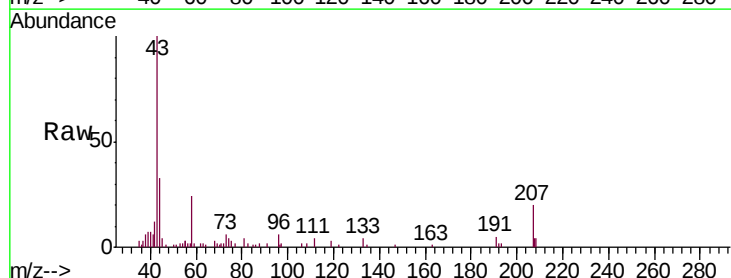
Instrument :
MSVOA_W
ClientSampled :
98-SB-01-5-7

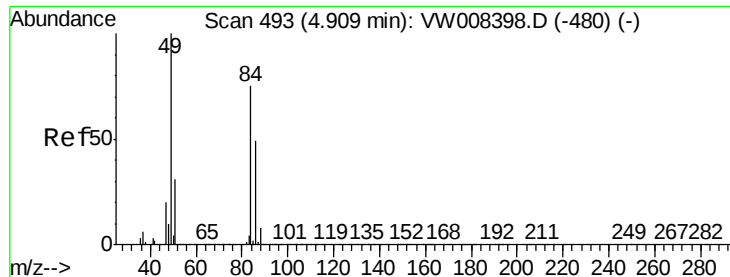
Tgt Ion: 56 Resp: 530
Ion Ratio Lower Upper
56 100
55 38.7 56.7 85.1#



#16
Acetone
Concen: 33.050 ug/l
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW008535.D
Acq: 06 Feb 2019 18:34

Tgt Ion: 43 Resp: 11542
Ion Ratio Lower Upper
43 100
58 24.1 22.6 34.0

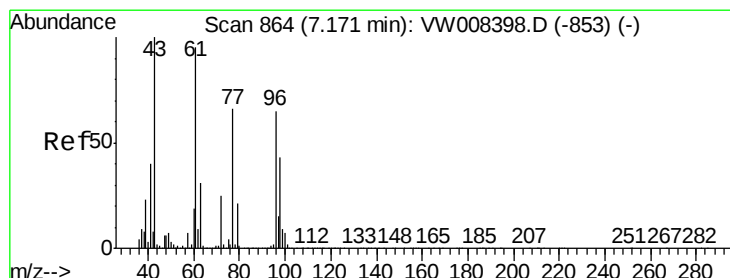
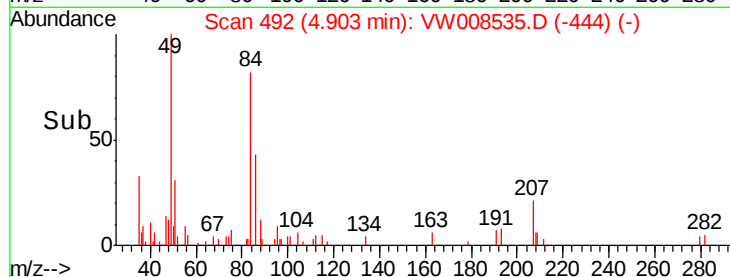
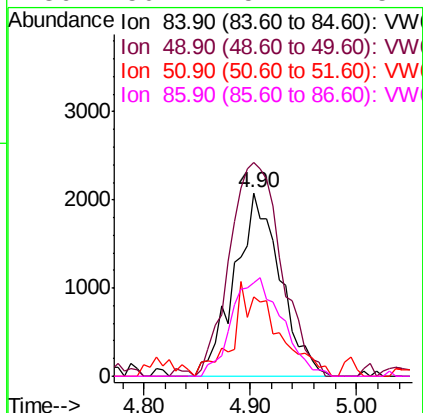
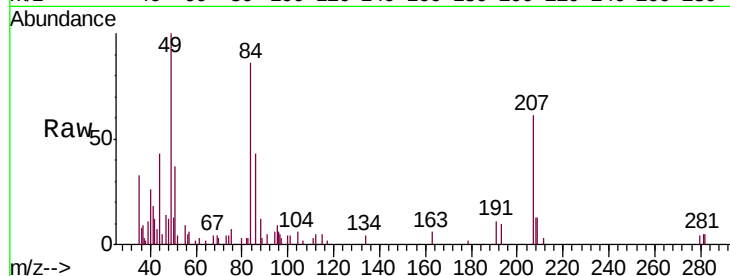




#20
Methylene Chloride
Concen: 3.869 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008535.D
Acq: 06 Feb 2019 18:34

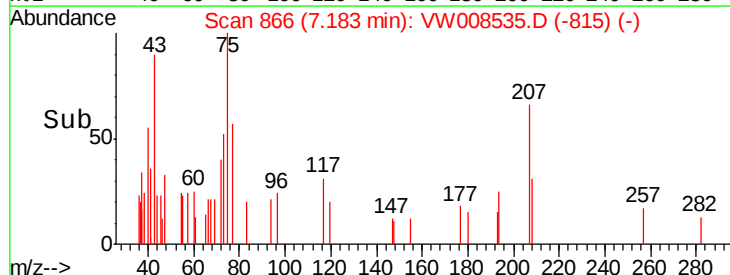
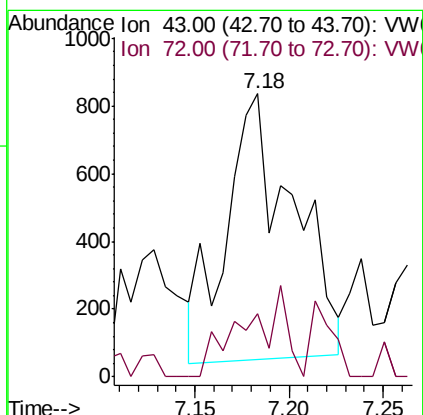
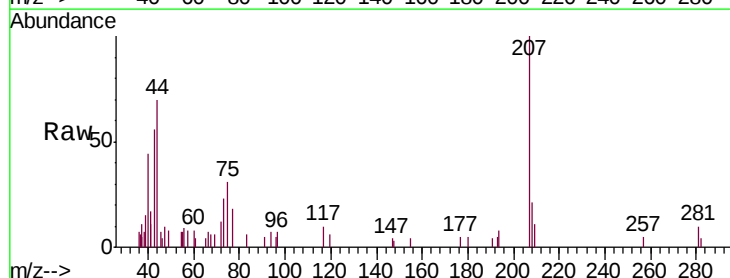
Instrument :
MSVOA_W
ClientSampled :
98-SB-01-5-7

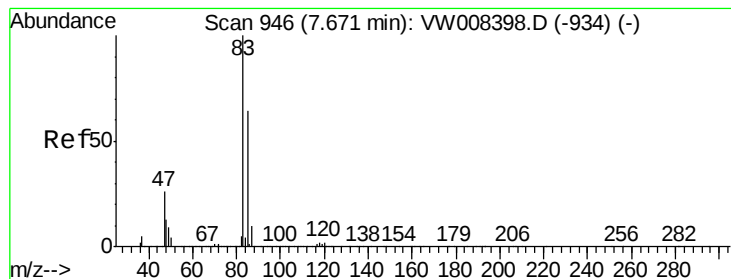
Tgt Ion: 84 Resp: 6228
Ion Ratio Lower Upper
84 100
49 116.5 106.8 160.2
51 43.2 32.9 49.3
86 50.7 52.2 78.2#



#25
2-Butanone
Concen: 4.020 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW008535.D
Acq: 06 Feb 2019 18:34

Tgt Ion: 43 Resp: 1950
Ion Ratio Lower Upper
43 100
72 27.9 20.1 30.1





#30

Chloroform

Concen: 5.908 ug/l

RT: 7.67 min Scan# 946

Delta R.T. 0.00 min

Lab File: VW008535.D

Acq: 06 Feb 2019 18:34

Instrument :

MSVOA_W

ClientSampleId :

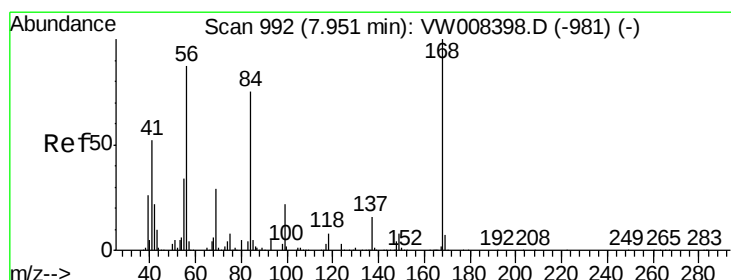
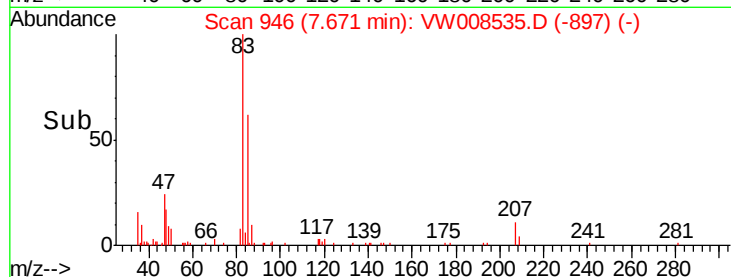
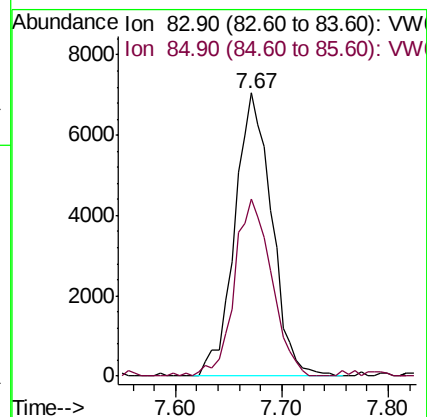
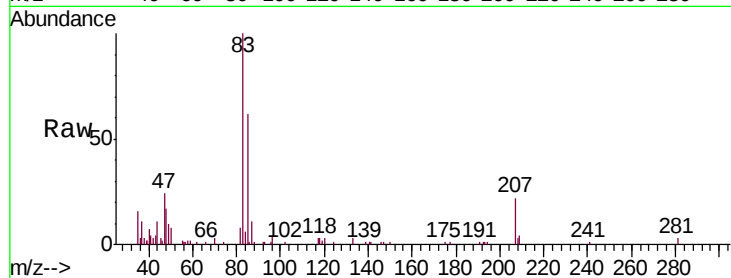
98-SB-01-5-7

Tgt Ion: 83 Resp: 17153

Ion Ratio Lower Upper

83 100

85 62.4 50.9 76.3



#31

Cyclohexane

Concen: 1.287 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW008535.D

Acq: 06 Feb 2019 18:34

Tgt Ion: 56 Resp: 3928

Ion Ratio Lower Upper

56 100

69 142.0 26.4 39.6#

84 96.3 69.1 103.7

