

Data File : VW008538.D
Acq On : 06 Feb 2019 19:55
Operator : SY/VA
Sample : K1389-07
Misc : 5.97G/5ML/MSVOA_W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
M-6

Quant Time: Feb 07 01:52:00 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	534245	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	861613	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	784529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	380710	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	286068	54.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.02%	
35) Dibromofluoromethane	7.88	113	269047	53.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.80%	
50) Toluene-d8	10.32	98	1022874	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
62) 4-Bromofluorobenzene	12.62	95	386631	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	

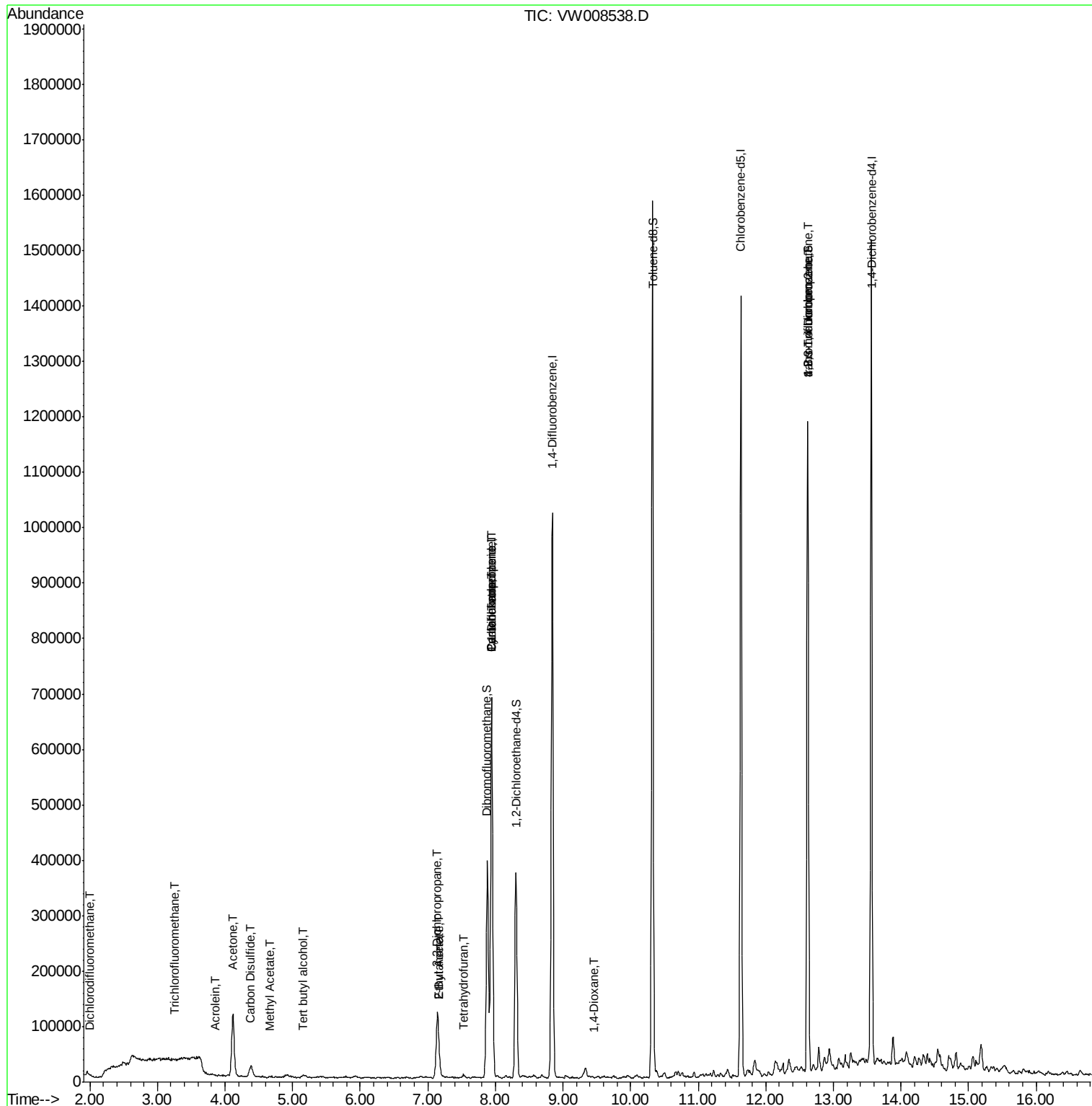
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.00	85	206	3.315	ug/l #	41
7) Trichlorofluoromethane	3.25	101	76	4.739	ug/l #	67
11) Tert butyl alcohol	5.16	59	8536	20.201	ug/l	98
13) Acrolein	3.87	56	508	5.525	ug/l #	64
16) Acetone	4.12	43	193130	163.861	ug/l	97
17) Carbon Disulfide	4.37	76	27825	1.782	ug/l	95
18) Methyl Acetate	4.67	43	4321	1.375	ug/l #	82
25) 2-Butanone	7.17	43	17411	10.635	ug/l	94
26) 2,2-Dichloropropane	7.15	77	8976	1.333	ug/l #	54
29) Tetrahydrofuran	7.52	42	3679	3.546	ug/l #	88
31) Cyclohexane	7.94	56	13006	1.263	ug/l #	51
36) 1,1-Dichloropropene	7.95	75	39105	4.805	ug/l #	51
37) Ethyl Acetate	7.17	43	16740	4.649	ug/l #	71
38) Carbon Tetrachloride	7.95	117	50598	6.178	ug/l #	15
49) 1,4-Dioxane	9.46	88	144	2.941	ug/l #	5
76) 1,2,3-Trichloropropane	12.62	75	190766	57.633	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	190766	113.830	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: VW008538.D

Acq: 06 Feb 2019 19:55

Instrument :

MSVOA_W

ClientSampleId :

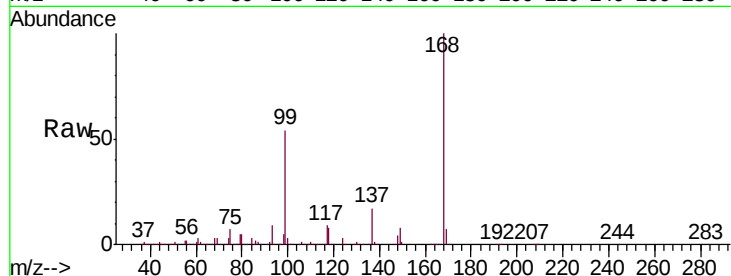
M-6

Tgt Ion:168 Resp: 534245

Ion Ratio Lower Upper

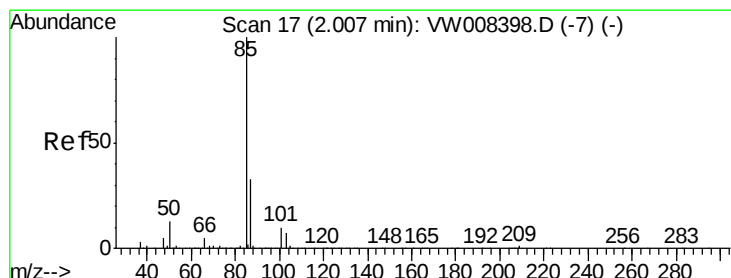
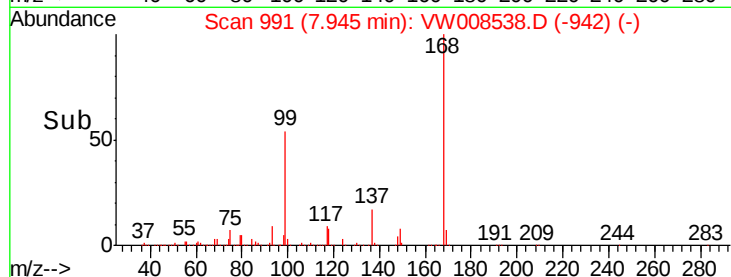
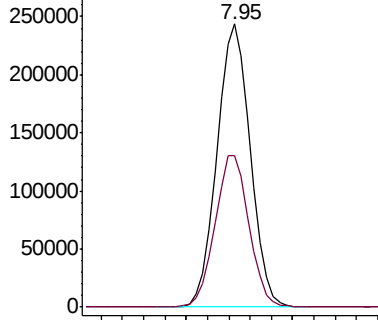
168 100

99 53.6 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: 3.315 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW008538.D

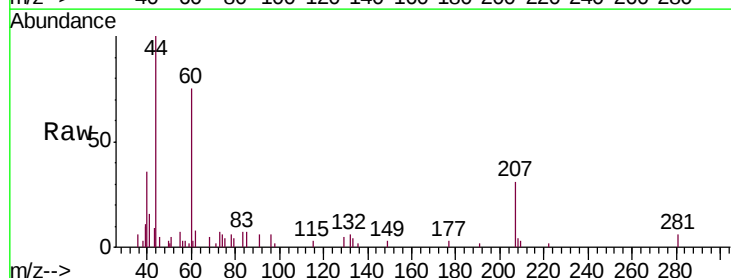
Acq: 06 Feb 2019 19:55

Tgt Ion: 85 Resp: 206

Ion Ratio Lower Upper

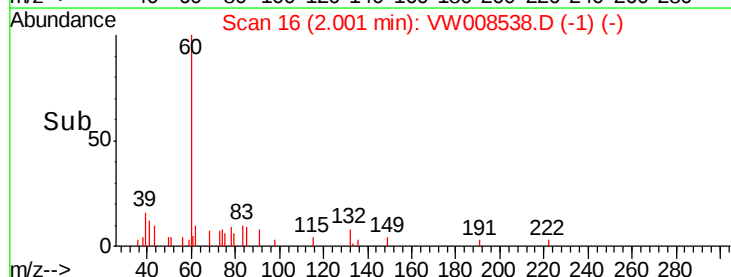
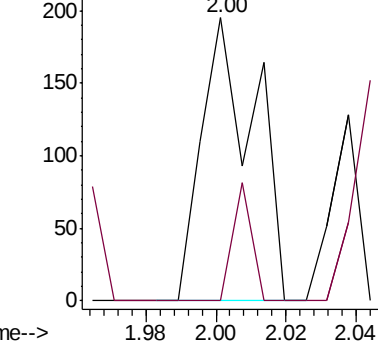
85 100

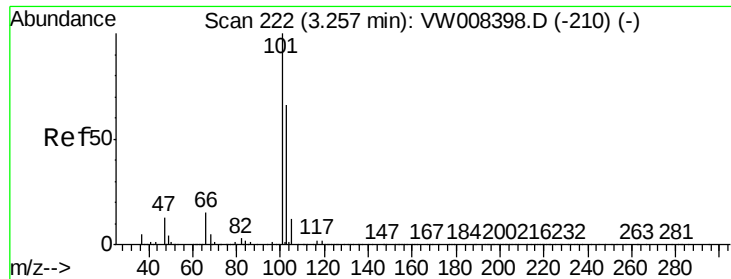
87 0.0 16.7 50.1#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW



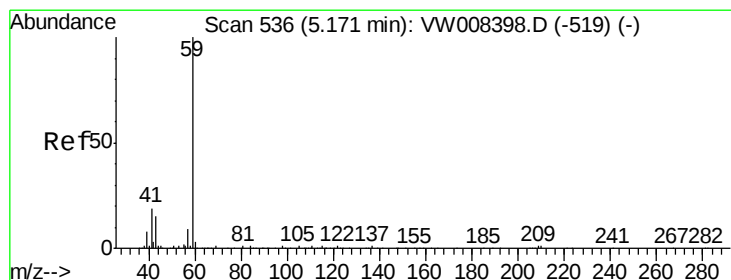
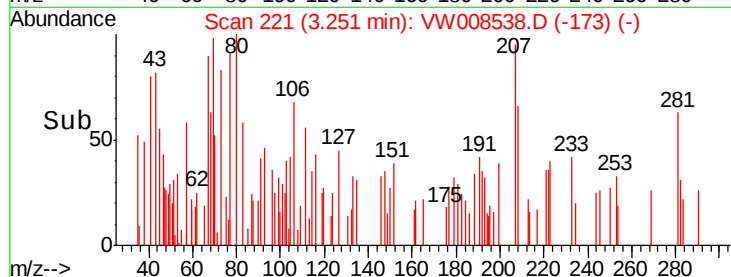
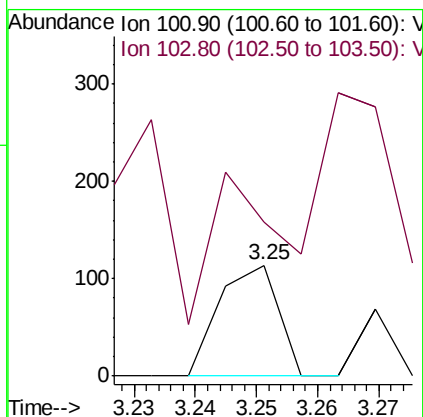
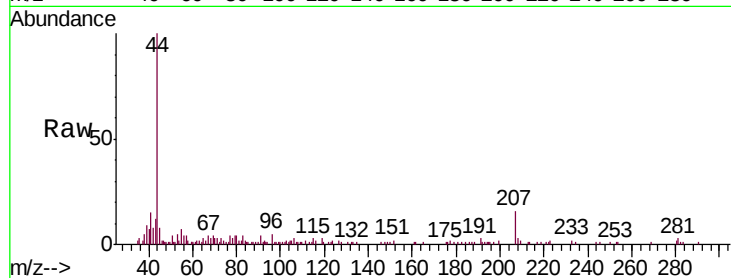


#7

Trichlorofluoromethane
Concen: 4.739 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW008538.D
Acq: 06 Feb 2019 19:55

Instrument :
MSVOA_W
ClientSampleId :
M-6

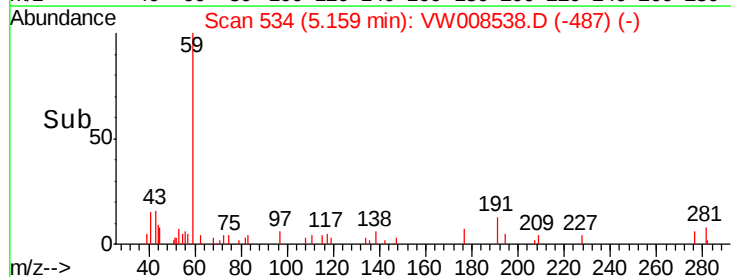
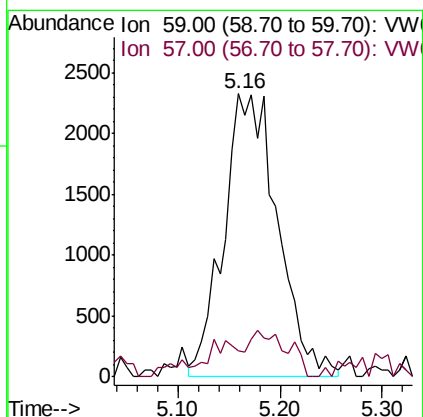
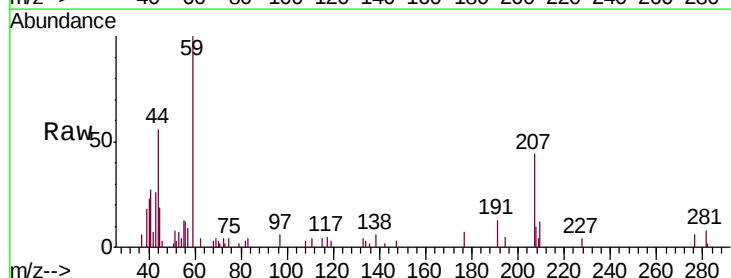
Tgt Ion:101 Resp: 76
Ion Ratio Lower Upper
101 100
103 92.1 52.5 78.7#

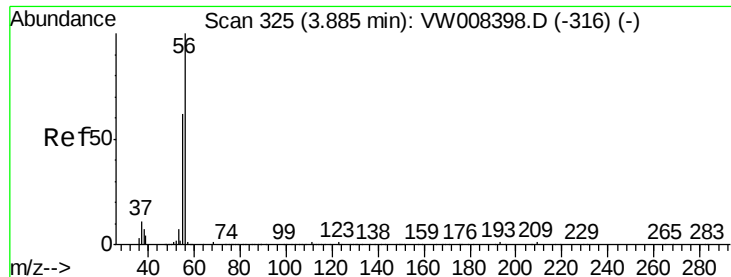


#11

Tert butyl alcohol
Concen: 20.201 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.01 min
Lab File: VW008538.D
Acq: 06 Feb 2019 19:55

Tgt Ion: 59 Resp: 8536
Ion Ratio Lower Upper
59 100
57 10.9 9.3 13.9





#13

Acrolein

Concen: 5.525 ug/l

RT: 3.87 min Scan# 322

Delta R.T. -0.02 min

Lab File: VW008538.D

Acq: 06 Feb 2019 19:55

Instrument :

MSVOA_W

ClientSampled :

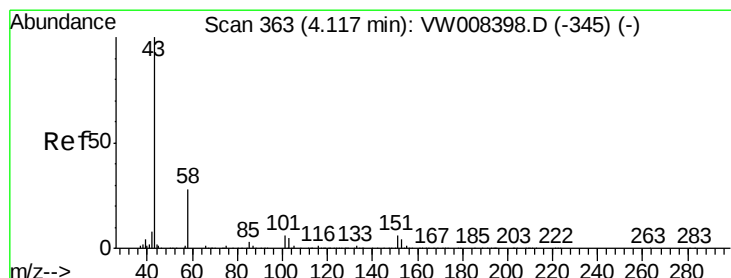
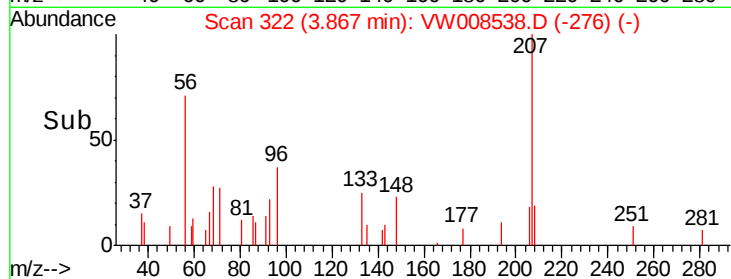
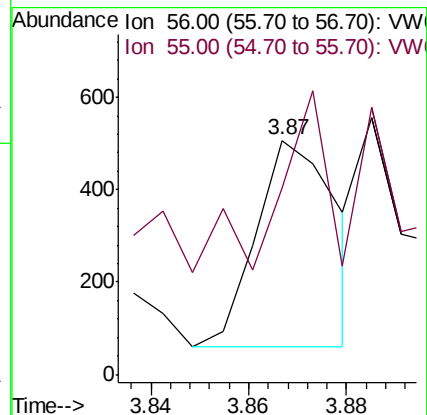
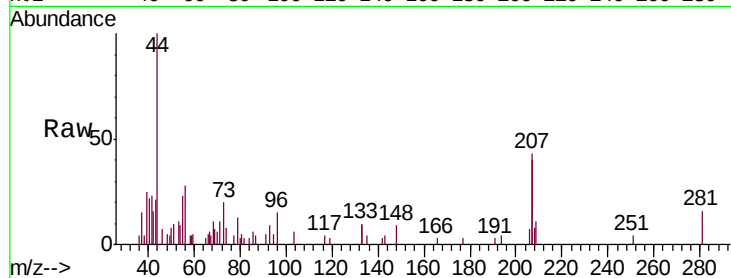
M-6

Tgt Ion: 56 Resp: 508

Ion Ratio Lower Upper

56 100

55 41.3 56.7 85.1#



#16

Acetone

Concen: 163.861 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008538.D

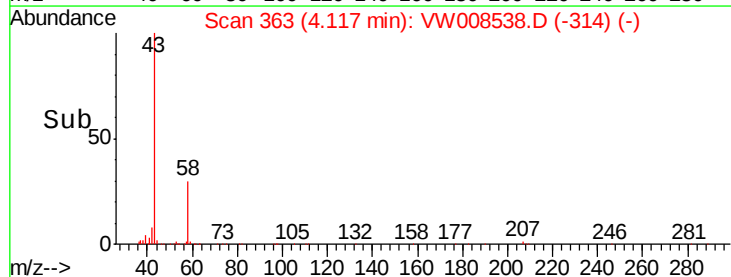
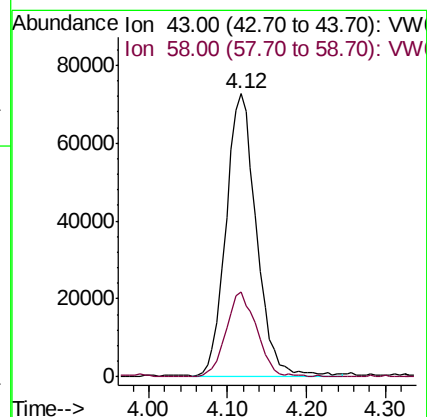
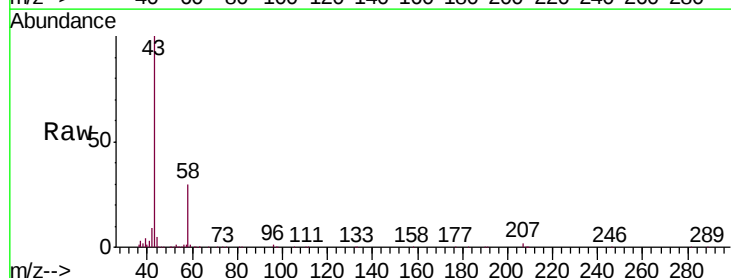
Acq: 06 Feb 2019 19:55

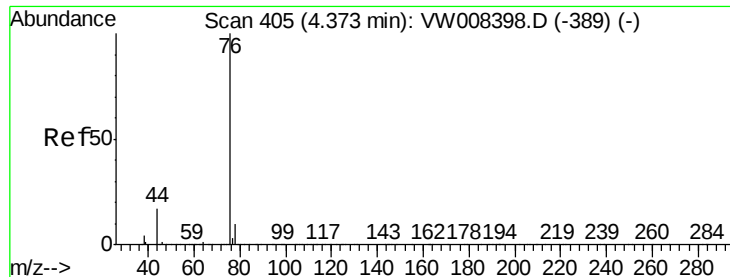
Tgt Ion: 43 Resp: 193130

Ion Ratio Lower Upper

43 100

58 29.7 22.6 34.0





#17

Carbon Disulfide

Concen: 1.782 ug/l

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW008538.D

Acq: 06 Feb 2019 19:55

Instrument :

MSVOA_W

ClientSampled :

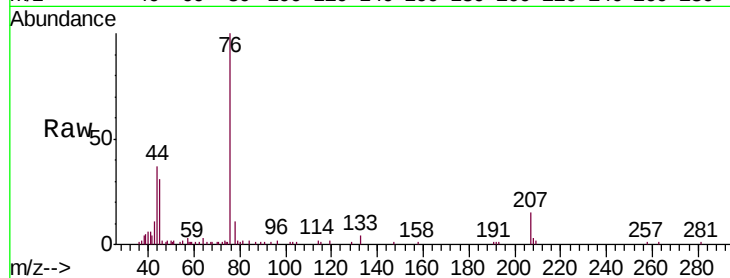
M-6

Tgt Ion: 76 Resp: 27825

Ion Ratio Lower Upper

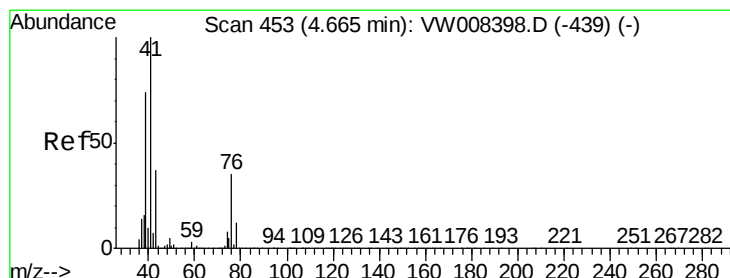
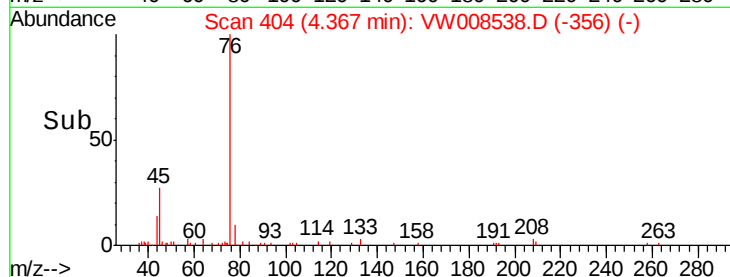
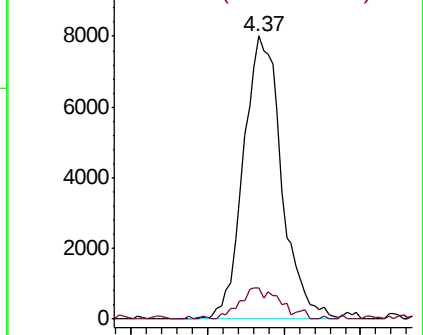
76 100

78 11.3 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 1.375 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW008538.D

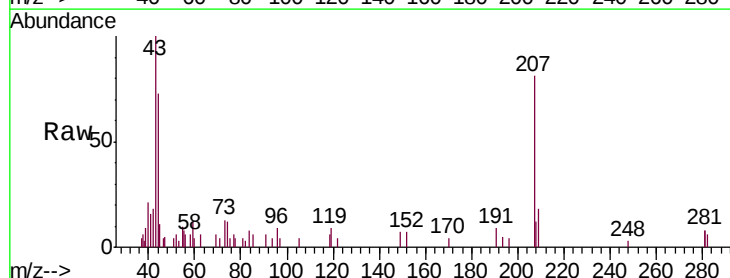
Acq: 06 Feb 2019 19:55

Tgt Ion: 43 Resp: 4321

Ion Ratio Lower Upper

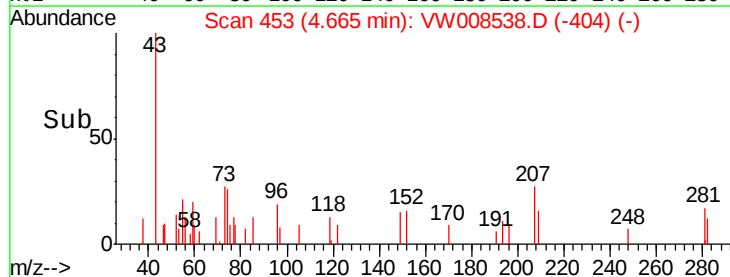
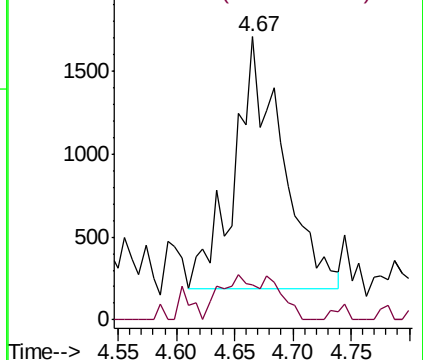
43 100

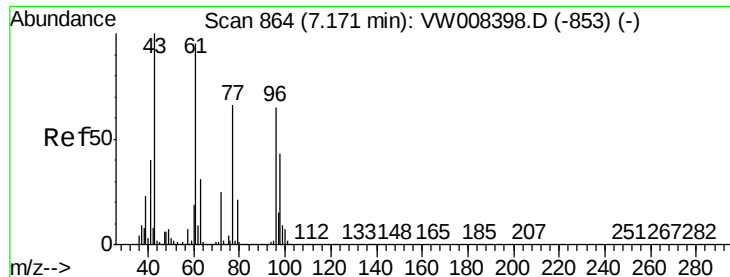
74 13.5 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#25

2-Butanone

Concen: 10.635 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008538.D

Acq: 06 Feb 2019 19:55

Instrument :

MSVOA_W

ClientSampled :

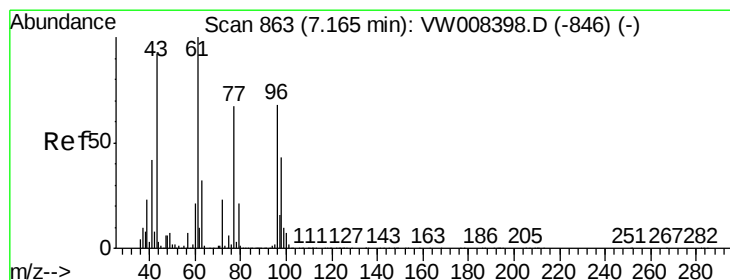
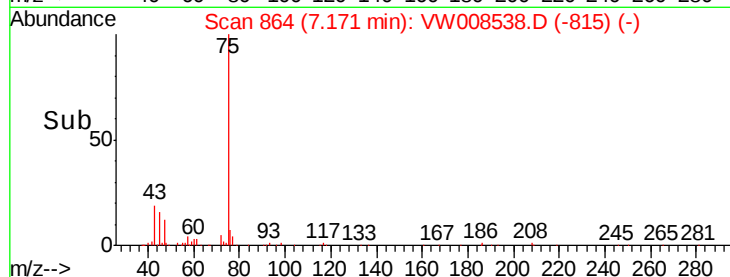
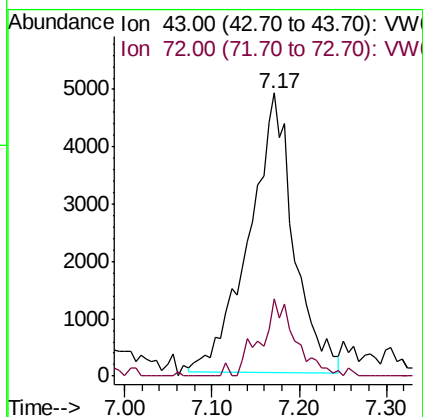
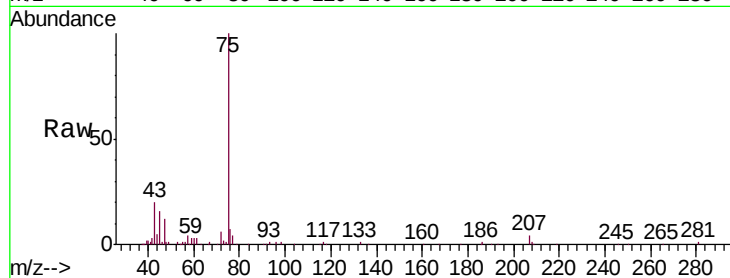
M-6

Tgt Ion: 43 Resp: 17411

Ion Ratio Lower Upper

43 100

72 28.0 20.1 30.1



#26

2,2-Dichloropropane

Concen: 1.333 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW008538.D

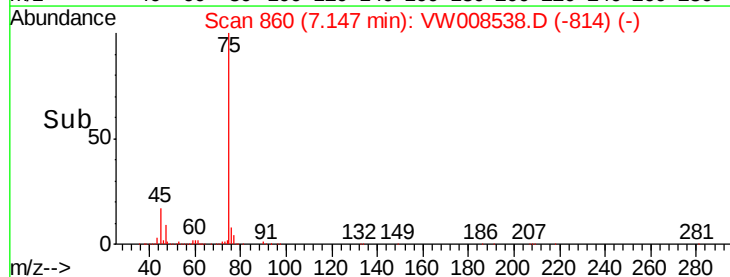
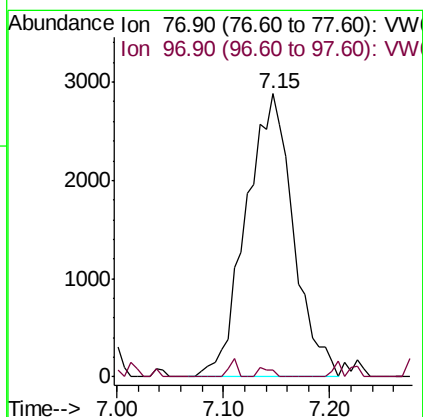
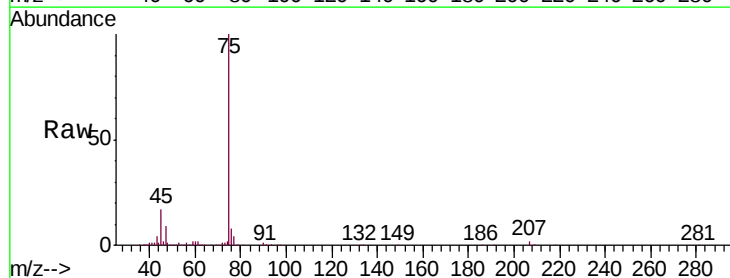
Acq: 06 Feb 2019 19:55

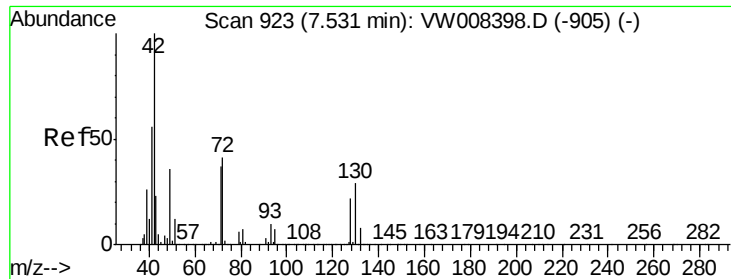
Tgt Ion: 77 Resp: 8976

Ion Ratio Lower Upper

77 100

97 0.9 11.5 34.5#

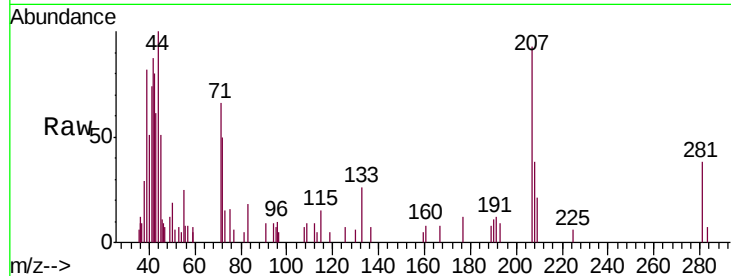




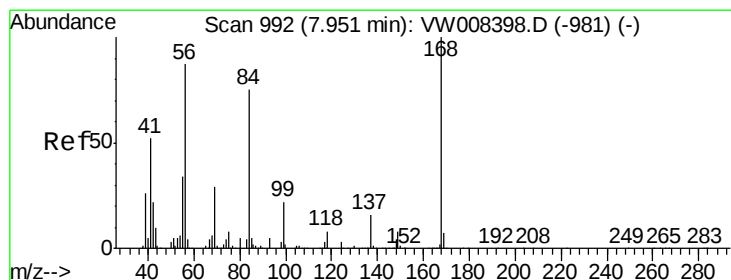
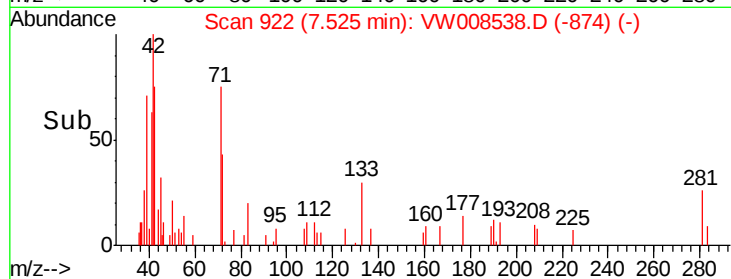
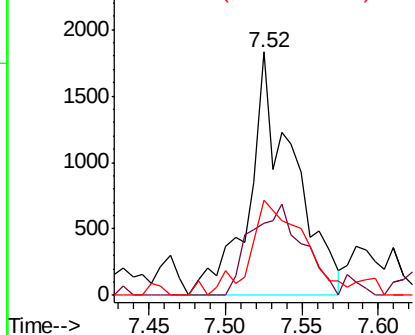
#29
Tetrahydrofuran
Concen: 3.546 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW008538.D
Acq: 06 Feb 2019 19:55

Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion: 42 Resp: 3679
Ion Ratio Lower Upper
42 100
72 44.1 31.9 47.9
71 47.7 29.9 44.9#

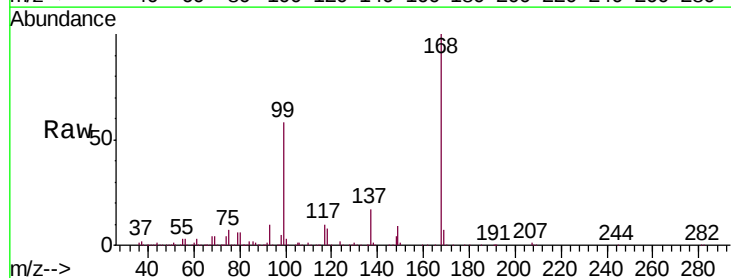


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

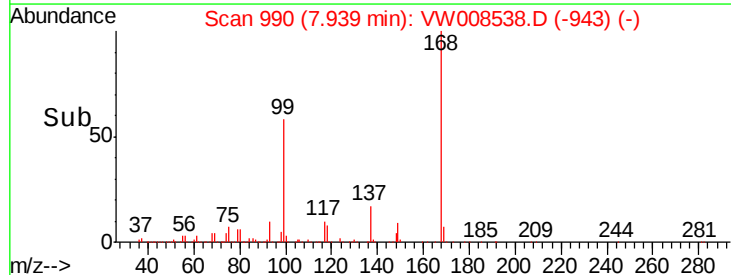
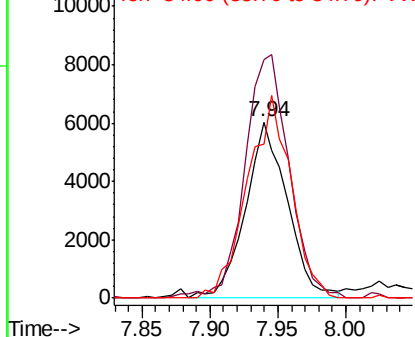


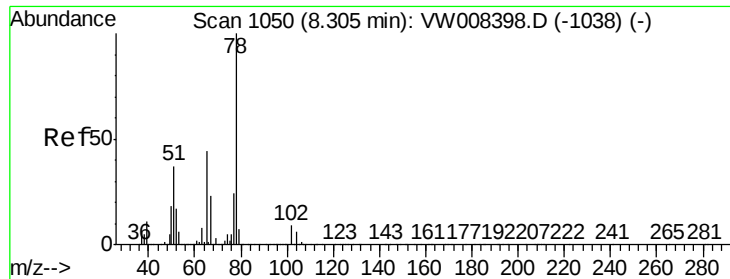
#31
Cyclohexane
Concen: 1.263 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW008538.D
Acq: 06 Feb 2019 19:55

Tgt Ion: 56 Resp: 13006
Ion Ratio Lower Upper
56 100
69 132.4 26.4 39.6#
84 87.5 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

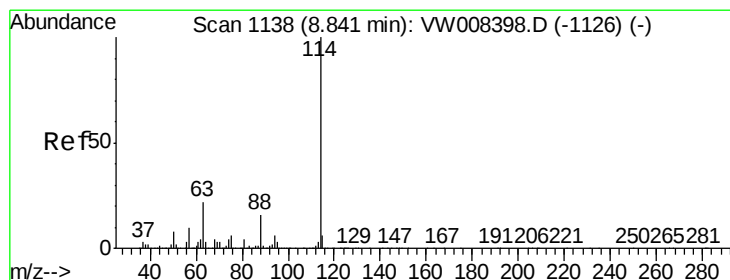
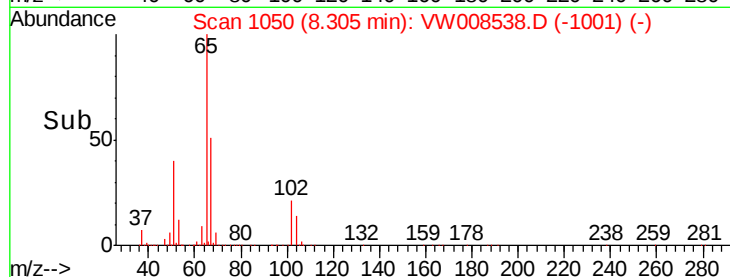
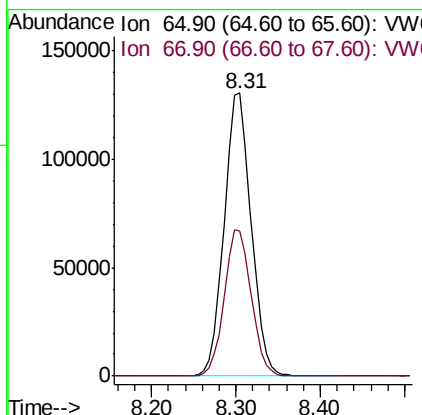
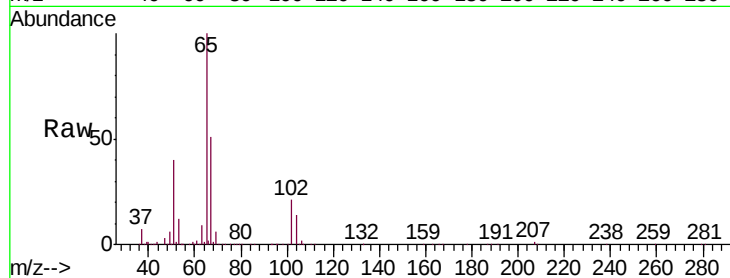




#33
 1,2-Dichloroethane-d4
 Concen: 54.505 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008538.D
 Acq: 06 Feb 2019 19:55

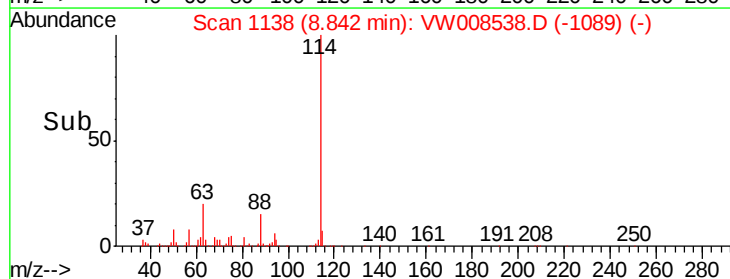
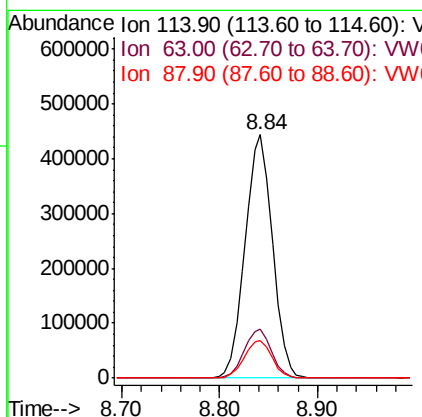
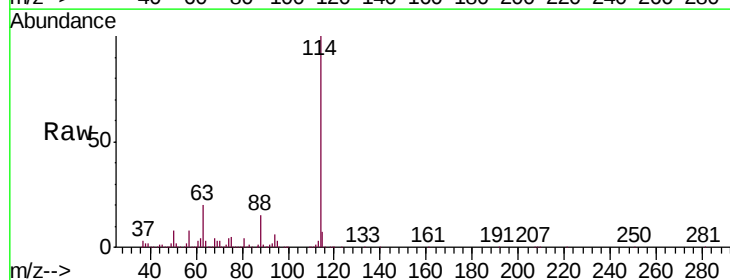
Instrument :
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 M-6

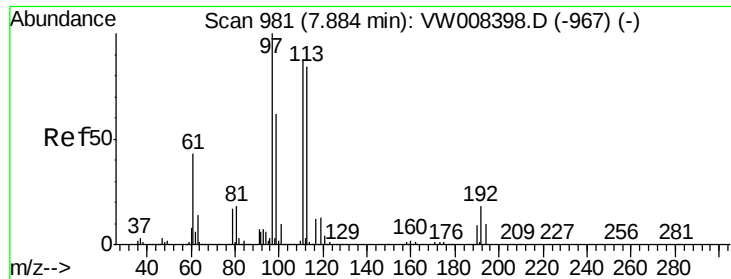
Tgt Ion: 65 Resp: 286068
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008538.D
 Acq: 06 Feb 2019 19:55

Tgt Ion: 114 Resp: 861613
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 43.6
 88 15.5 0.0 31.8

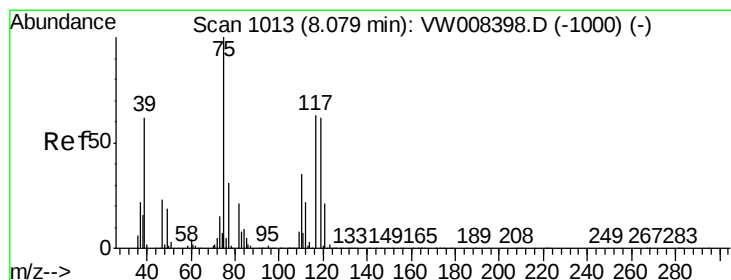
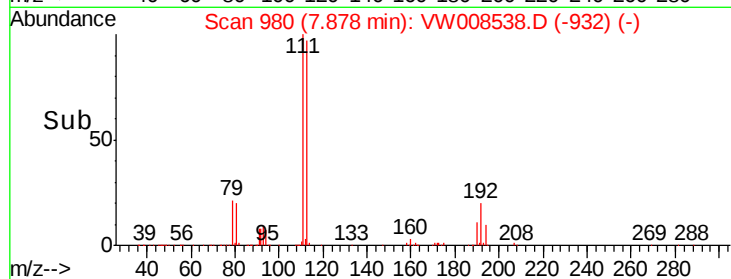
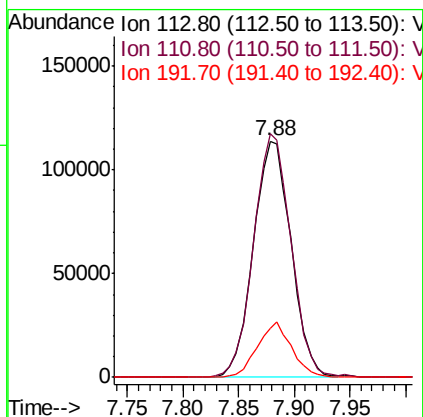
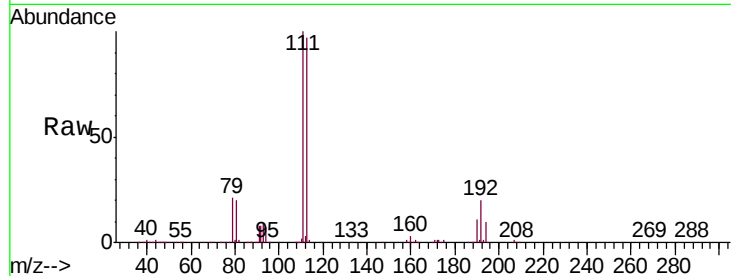




#35
 Dibromofluoromethane
 Concen: 53.402 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008538.D
 Acq: 06 Feb 2019 19:55

Instrument :
 MSVOA_W
 ClientSampleId :
 M-6

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.0	121.4
192	21.5	16.8	25.2



#36
 1,1-Dichloropropene
 Concen: 4.805 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008538.D
 Acq: 06 Feb 2019 19:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.9	17.3	52.0#
77	0.1	24.7	37.1#

