

Data File : VW008550.D
Acq On : 07 Feb 2019 14:08
Operator : SY/VA
Sample : K1403-02
Misc : 5.03G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S-1A

Quant Time: Feb 08 22:33:31 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	553028	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	884205	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	820040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	417522	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	302152	55.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.22%	
35) Dibromofluoromethane	7.88	113	285286	55.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.36%	
50) Toluene-d8	10.32	98	1062720	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
62) 4-Bromofluorobenzene	12.62	95	397870	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	

Target Compounds

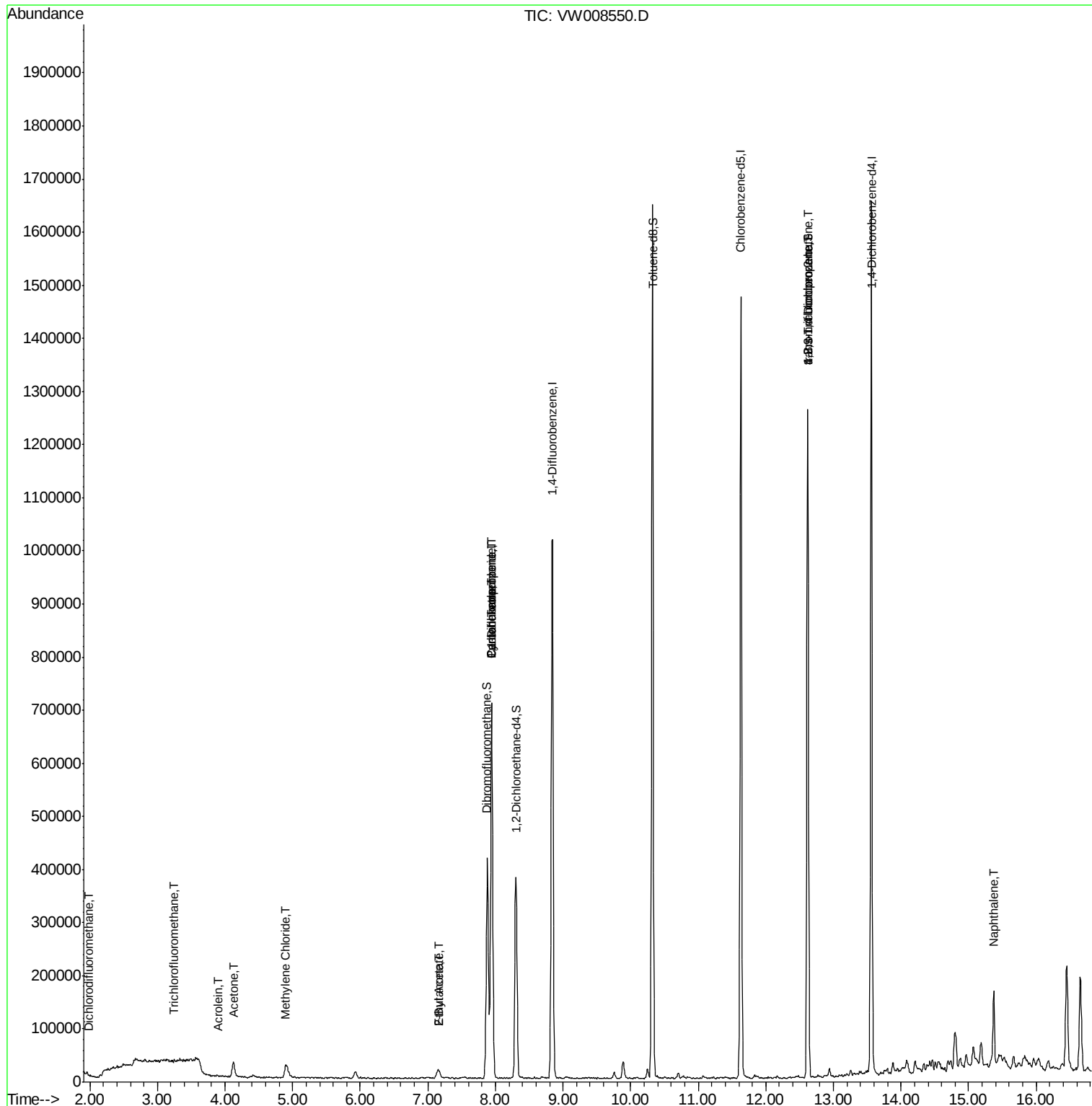
						Qvalue
2) Dichlorodifluoromethane	2.00	85	1086	3.570	ug/l	73
7) Trichlorofluoromethane	3.25	101	127	4.748	ug/l #	50
13) Acrolein	3.90	56	1310	7.523	ug/l #	72
16) Acetone	4.13	43	50859	41.686	ug/l	98
20) Methylene Chloride	4.90	84	22881	4.069	ug/l	87
25) 2-Butanone	7.17	43	10258	6.053	ug/l #	85
31) Cyclohexane	7.95	56	12377	1.161	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	40093	4.800	ug/l #	50
37) Ethyl Acetate	7.17	43	10258	2.776	ug/l #	73
38) Carbon Tetrachloride	7.95	117	54318	6.463	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	201963	55.636	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	201963	109.886	ug/l #	12
95) Naphthalene	15.37	128	122891	8.074	ug/l	100

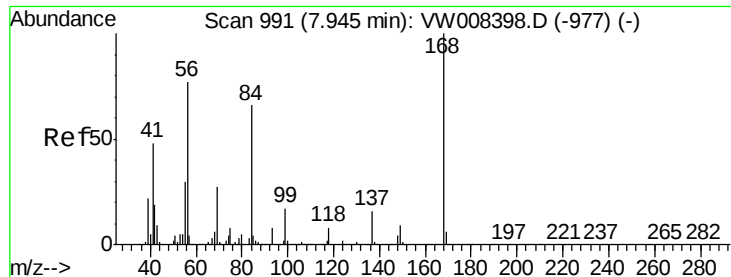
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008550.D

Acq: 07 Feb 2019 14:08

Instrument :

MSVOA_W

ClientSampled :

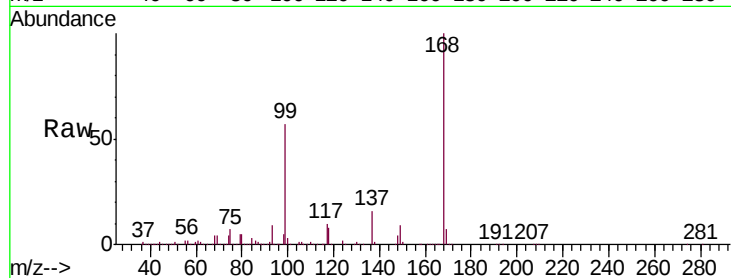
S-1A

Tgt Ion:168 Resp: 553028

Ion Ratio Lower Upper

168 100

99 56.6 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

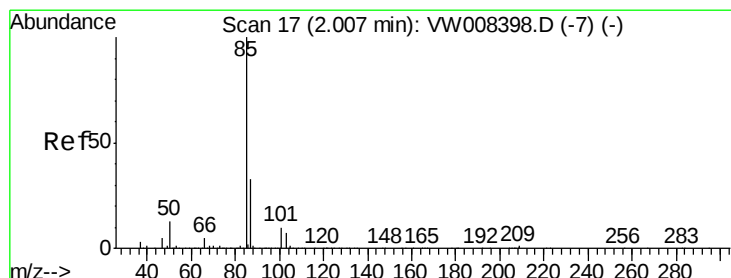
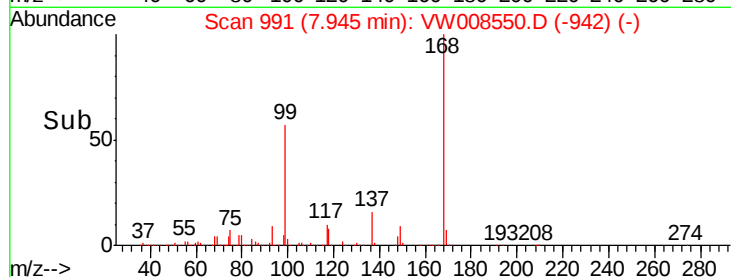
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 3.570 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW008550.D

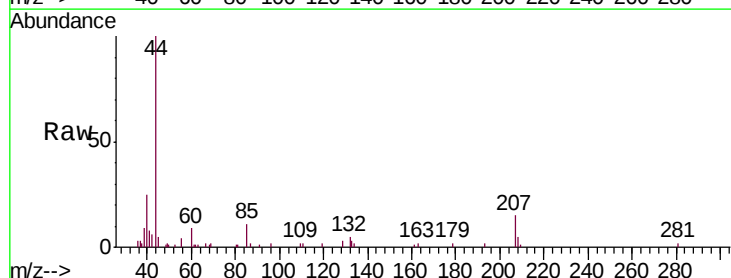
Acq: 07 Feb 2019 14:08

Tgt Ion: 85 Resp: 1086

Ion Ratio Lower Upper

85 100

87 18.2 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

500

400

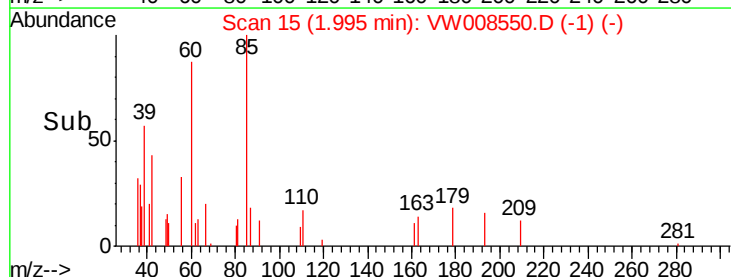
300

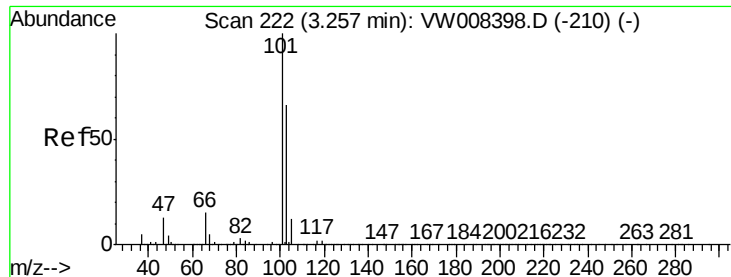
200

100

0

Time--> 1.95 2.00 2.05





#7

Trichlorofluoromethane

Concen: 4.748 ug/l

RT: 3.25 min Scan# 220

Delta R.T. -0.01 min

Lab File: VW008550.D

Acq: 07 Feb 2019 14:08

Instrument :

MSVOA_W

ClientSampleId :

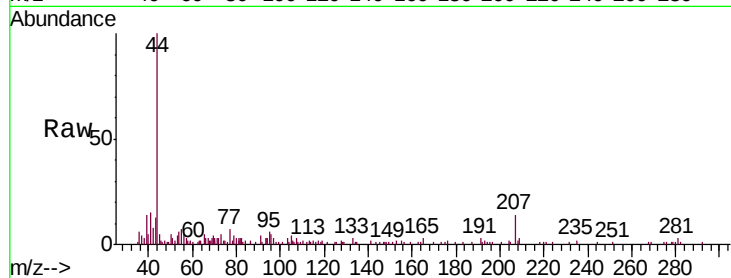
S-1A

Tgt Ion:101 Resp: 127

Ion Ratio Lower Upper

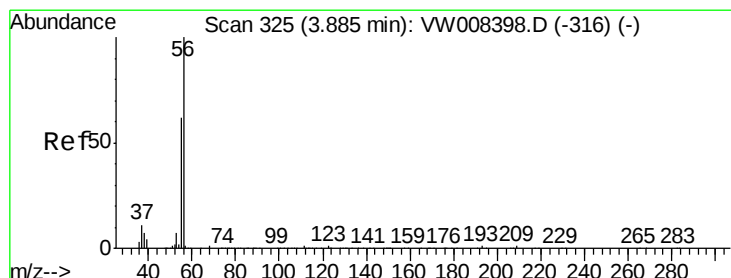
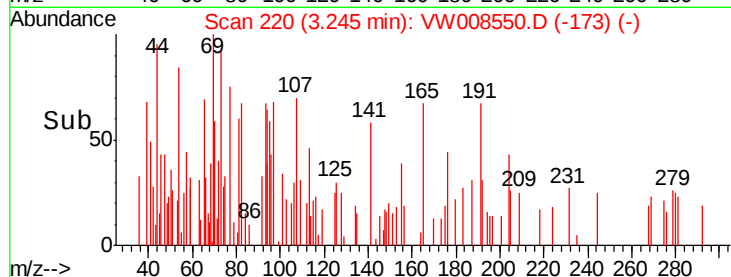
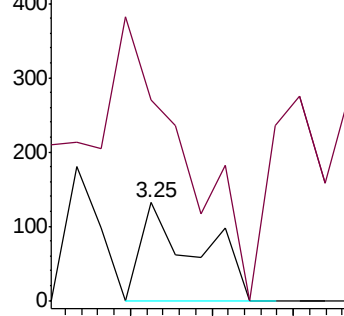
101 100

103 25.8 52.5 78.7#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#13

Acrolein

Concen: 7.523 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW008550.D

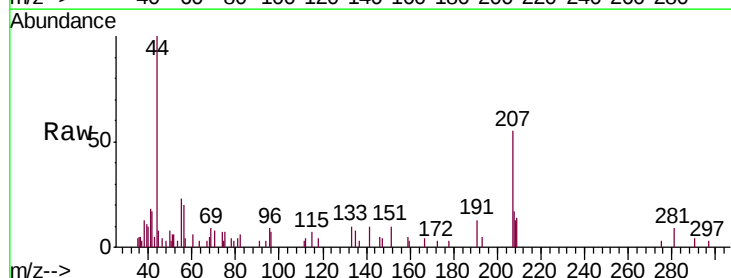
Acq: 07 Feb 2019 14:08

Tgt Ion: 56 Resp: 1310

Ion Ratio Lower Upper

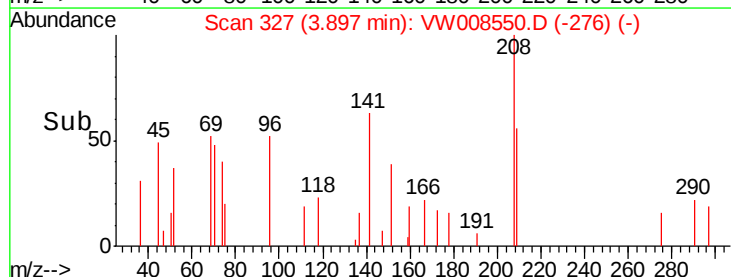
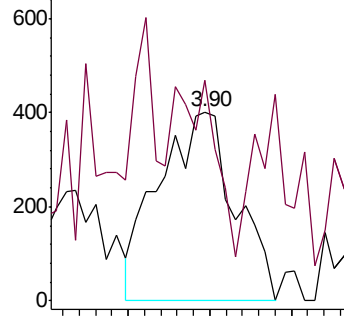
56 100

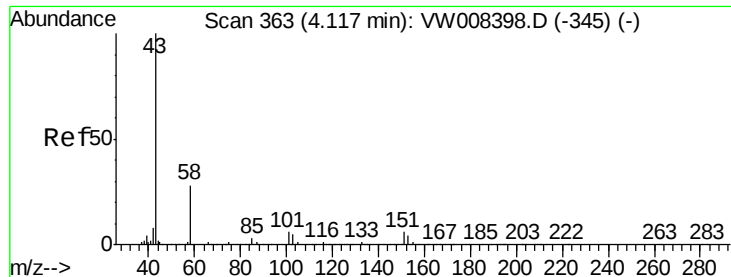
55 47.7 56.7 85.1#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

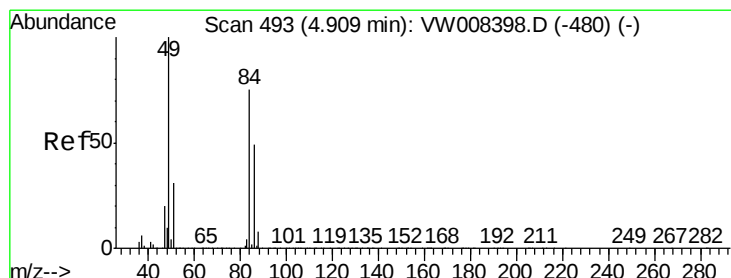
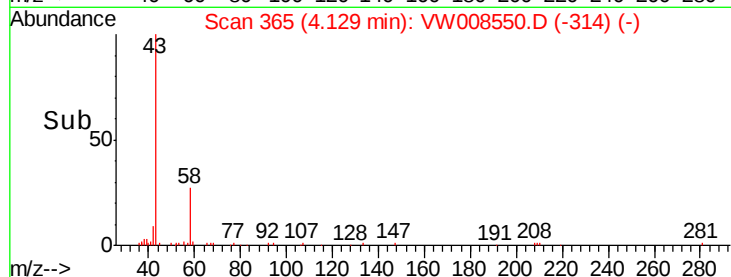
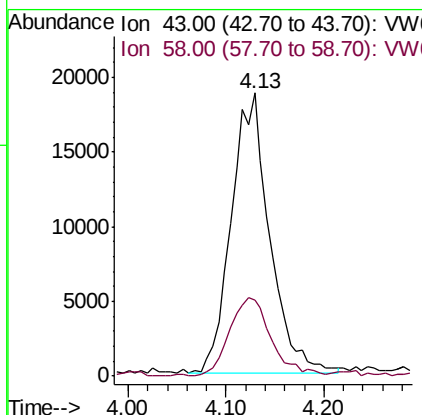
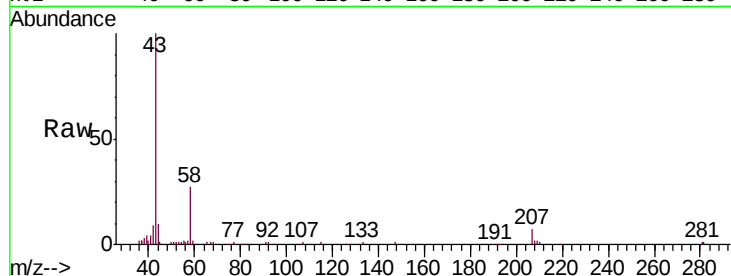




#16
Acetone
Concen: 41.686 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW008550.D
Acq: 07 Feb 2019 14:08

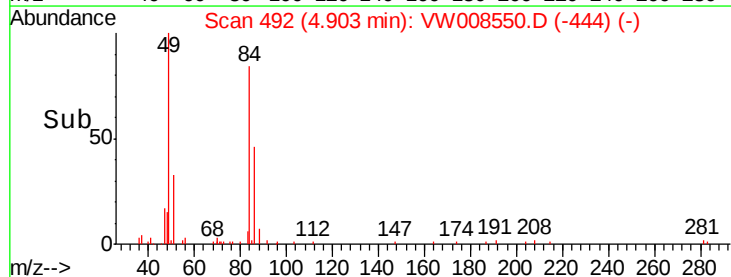
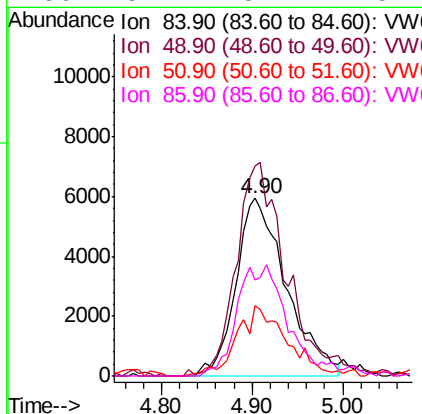
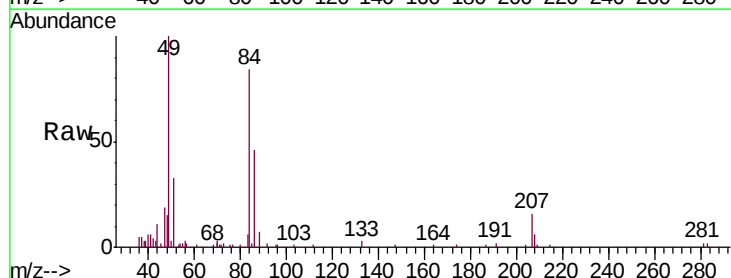
Instrument :
MSVOA_W
ClientSampleId :
S-1A

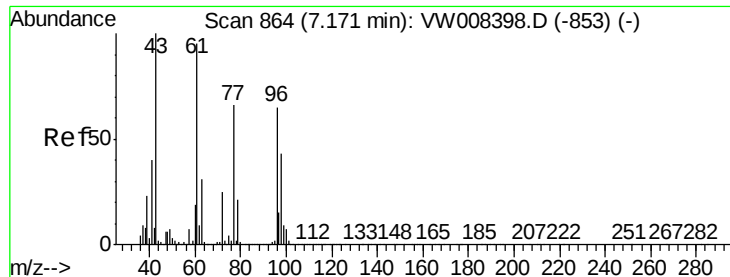
Tgt Ion: 43 Resp: 50859
Ion Ratio Lower Upper
43 100
58 27.0 22.6 34.0



#20
Methylene Chloride
Concen: 4.069 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008550.D
Acq: 07 Feb 2019 14:08

Tgt Ion: 84 Resp: 22881
Ion Ratio Lower Upper
84 100
49 114.7 106.8 160.2
51 38.5 32.9 49.3
86 54.2 52.2 78.2





#25

2-Butanone

Concen: 6.053 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008550.D

Acq: 07 Feb 2019 14:08

Instrument :

MSVOA_W

ClientSampleId :

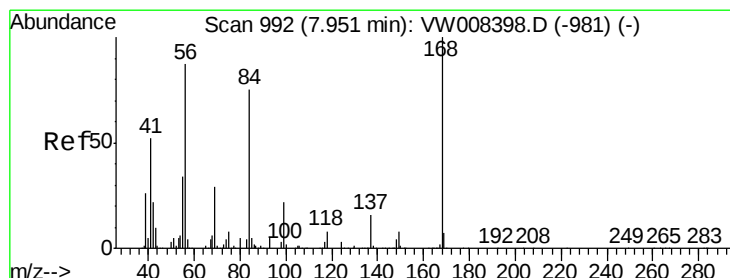
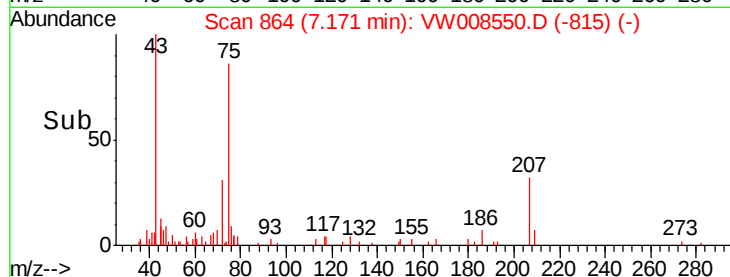
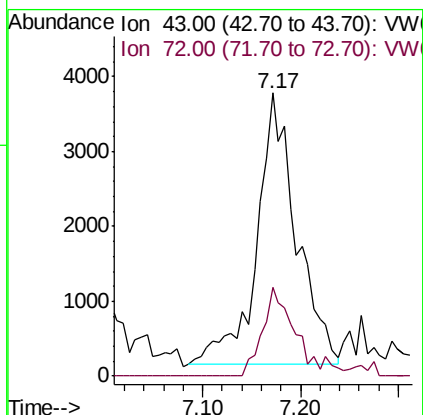
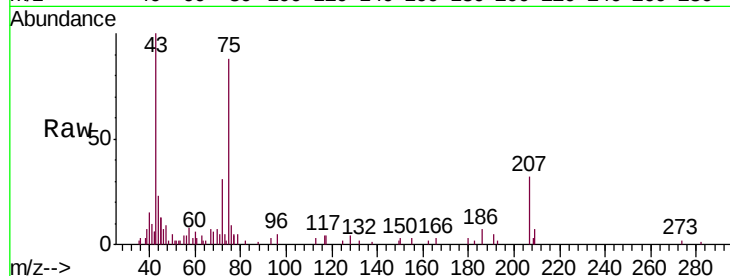
S-1A

Tgt Ion: 43 Resp: 10258

Ion Ratio Lower Upper

43 100

72 32.8 20.1 30.1#



#31

Cyclohexane

Concen: 1.161 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008550.D

Acq: 07 Feb 2019 14:08

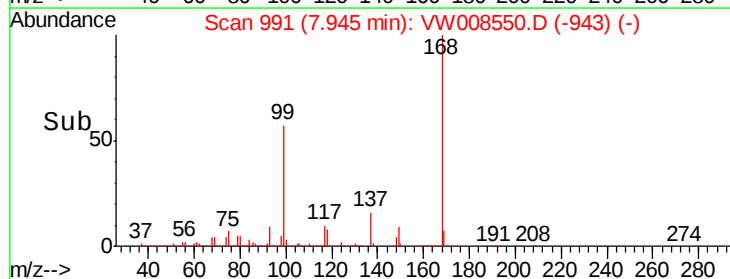
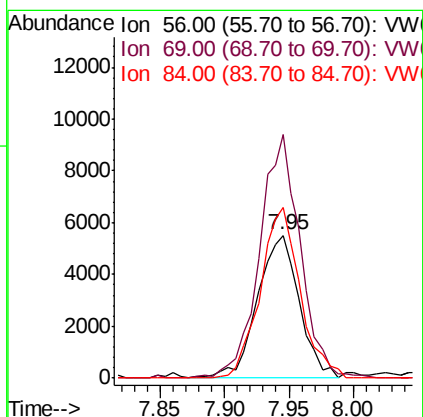
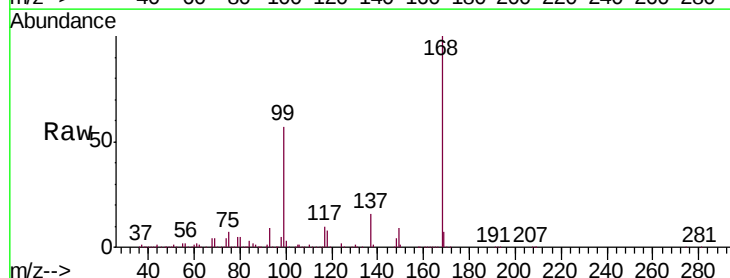
Tgt Ion: 56 Resp: 12377

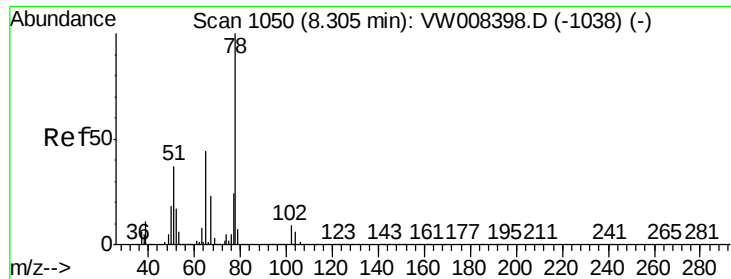
Ion Ratio Lower Upper

56 100

69 170.7 26.4 39.6#

84 118.5 69.1 103.7#

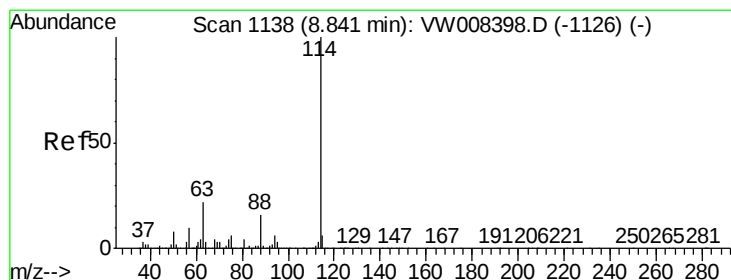
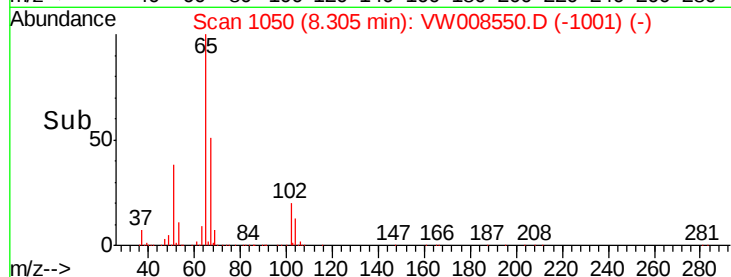
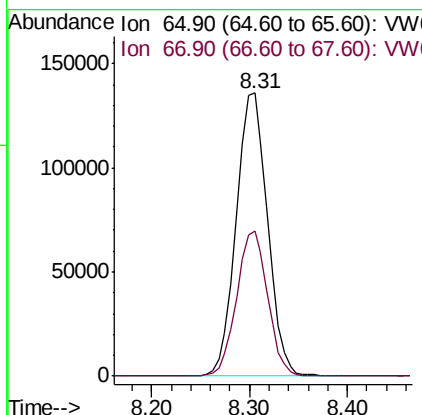
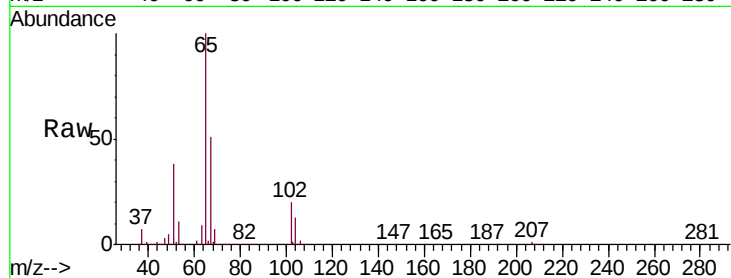




#33
 1,2-Dichloroethane-d4
 Concen: 55.614 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008550.D
 Acq: 07 Feb 2019 14:08

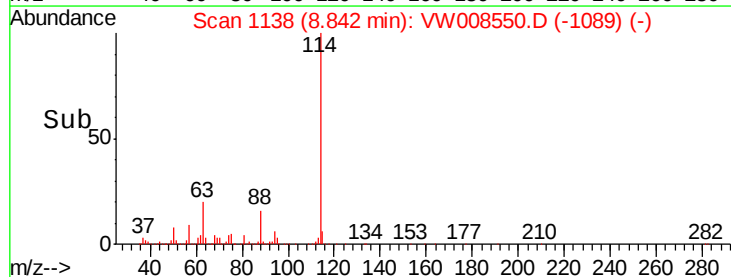
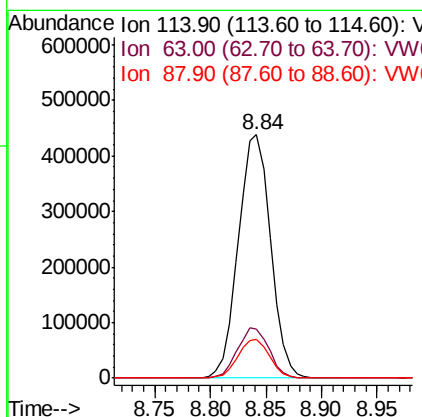
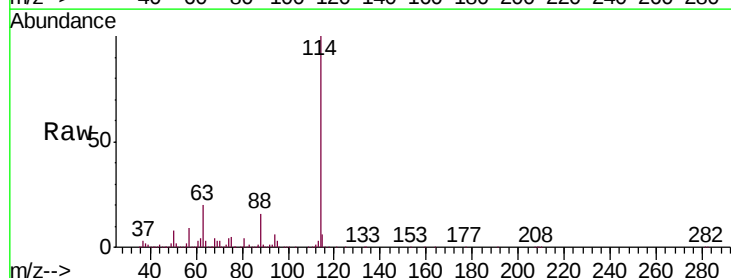
Instrument :
 MSVOA_W
 ClientSampleId :
 S-1A

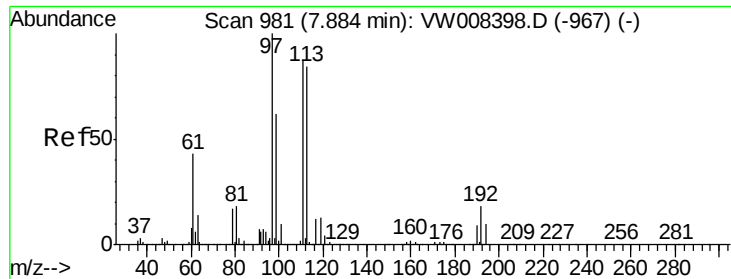
Tgt Ion: 65 Resp: 302152
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008550.D
 Acq: 07 Feb 2019 14:08

Tgt Ion: 114 Resp: 884205
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 43.6
 88 15.7 0.0 31.8

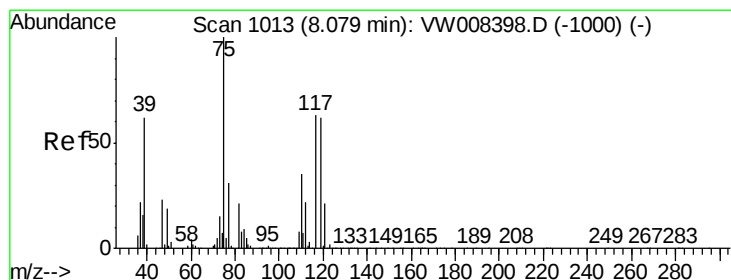
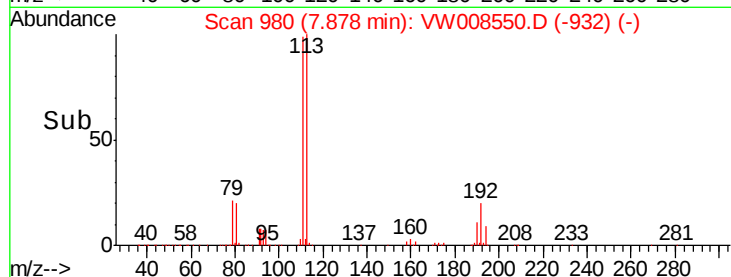
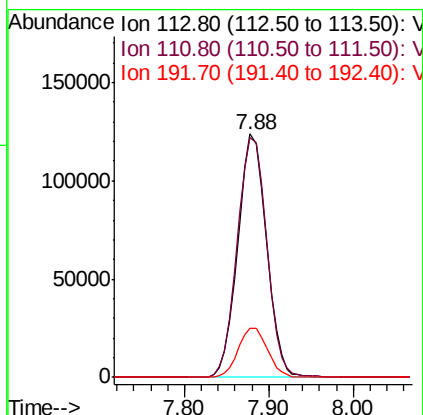
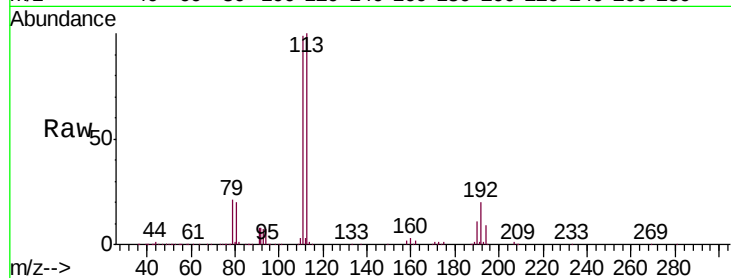




#35
Dibromofluoromethane
Concen: 55.178 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW008550.D
Acq: 07 Feb 2019 14:08

Instrument :
MSVOA_W
ClientSampleId :
S-1A

Tgt Ion: 113 Resp: 285286
Ion Ratio Lower Upper
113 100
111 101.5 81.0 121.4
192 20.7 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.800 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW008550.D
Acq: 07 Feb 2019 14:08

Tgt Ion: 75 Resp: 40093
Ion Ratio Lower Upper
75 100
110 9.0 17.3 52.0#
77 0.1 24.7 37.1#

