

Data File : VW005089.D
Acq On : 04 Sep 2018 19:23
Operator : SY/AP
Sample : J4687-05
Misc : 3.32G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ENY-BC-2-2.5

Quant Time: Sep 05 04:14:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	167568	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	178588	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	92473	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	11970	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	123675	89.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	178.06%	
35) Dibromofluoromethane	7.89	113	122044	118.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	236.52%	
50) Toluene-d8	10.33	98	153791	32.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.68%	
62) 4-Bromofluorobenzene	12.62	95	12408	7.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	14.80%	

Target Compounds

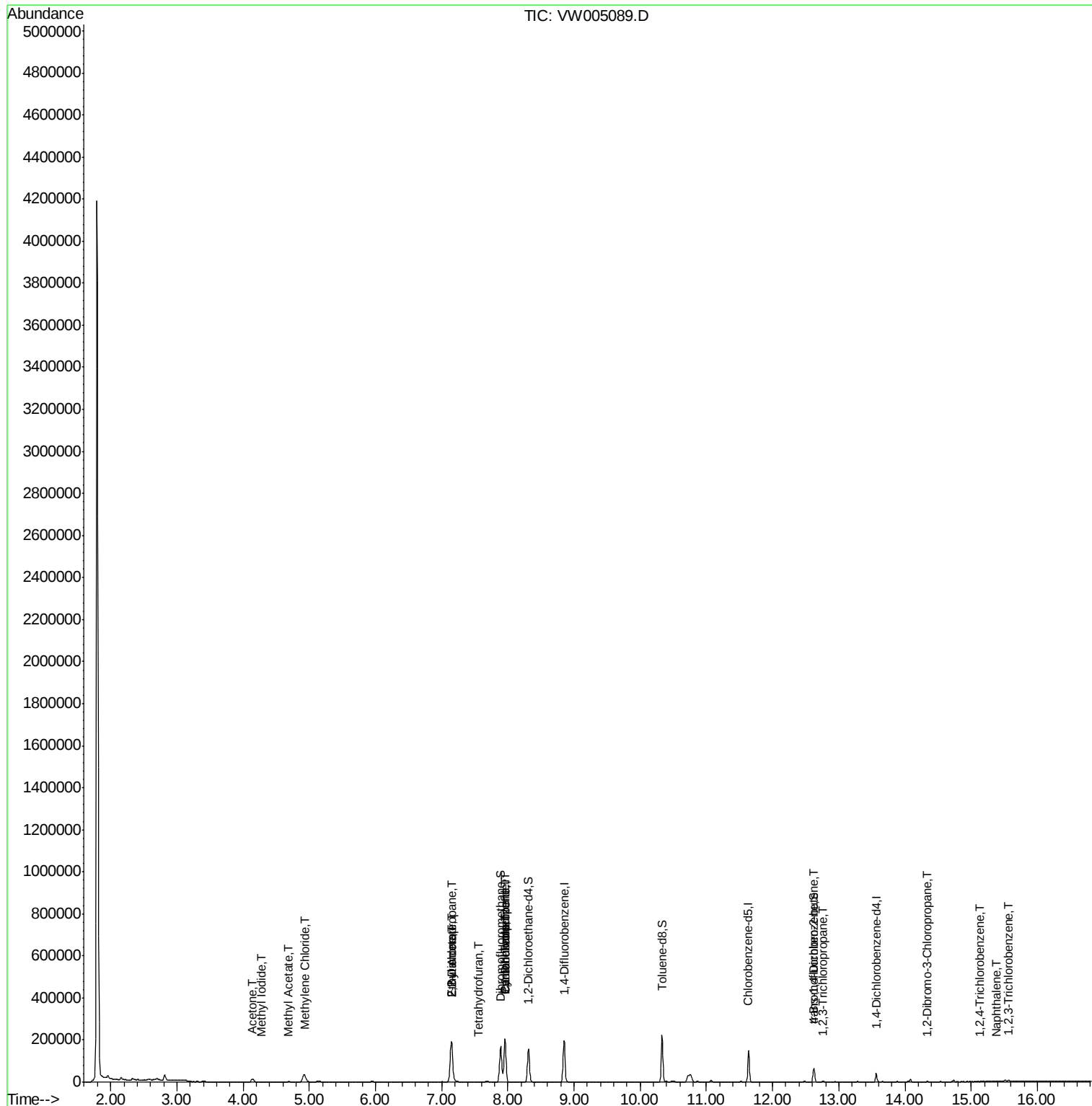
						Qvalue
5) Bromomethane	2.78	94	546	Below Cal	#	36
10) Methyl Iodide	4.29	142	219	3.911	ug/l #	59
11) Tert butyl alcohol	5.19	59	757	Below Cal	#	83
16) Acetone	4.14	43	24328	87.330	ug/l	90
18) Methyl Acetate	4.68	43	3283	4.006	ug/l	91
20) Methylene Chloride	4.93	84	30403	13.298	ug/l	96
25) 2-Butanone	7.15	43	9993	20.682	ug/l #	76
26) 2,2-Dichloropropane	7.15	77	13113	5.728	ug/l #	51
29) Tetrahydrofuran	7.56	42	660	2.673	ug/l #	53
31) Cyclohexane	7.95	56	2835	1.039	ug/l #	1
36) 1,1-Dichloropropene	7.96	75	11303	6.645	ug/l #	48
37) Ethyl Acetate	7.15	43	9993	15.710	ug/l #	1
38) Carbon Tetrachloride	7.96	117	14194	8.777	ug/l #	19
76) 1,2,3-Trichloropropane	12.76	75	253	2.816	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	5942	159.174	ug/l #	15
92) 1,2-Dibromo-3-Chloropropan	14.32	75	22	1.096	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.13	180	337	1.350	ug/l #	82
95) Naphthalene	15.38	128	845	5.782	ug/l #	76
96) 1,2,3-Trichlorobenzene	15.57	180	257	1.203	ug/l	63

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005089.D

Acq: 04 Sep 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

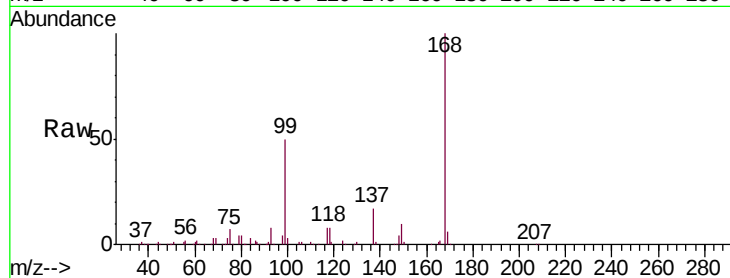
ENY-BC-2-2.5

Tgt Ion:168 Resp: 167568

Ion Ratio Lower Upper

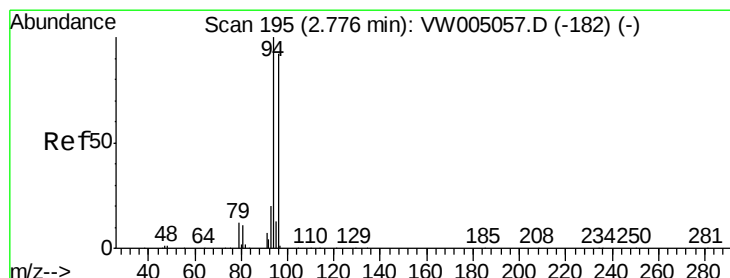
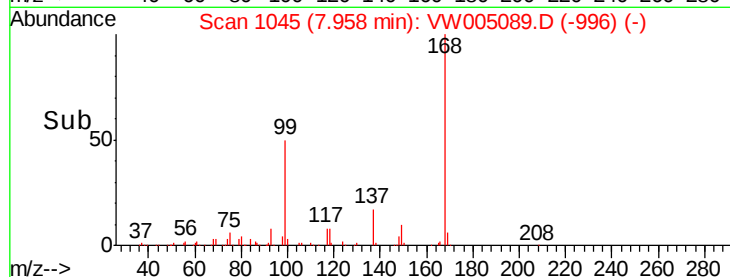
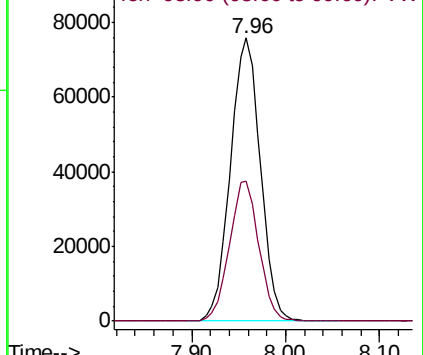
168 100

99 49.6 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VW005089.D

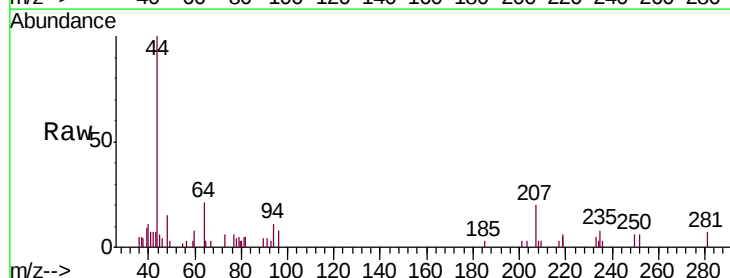
Acq: 04 Sep 2018 19:23

Tgt Ion: 94 Resp: 546

Ion Ratio Lower Upper

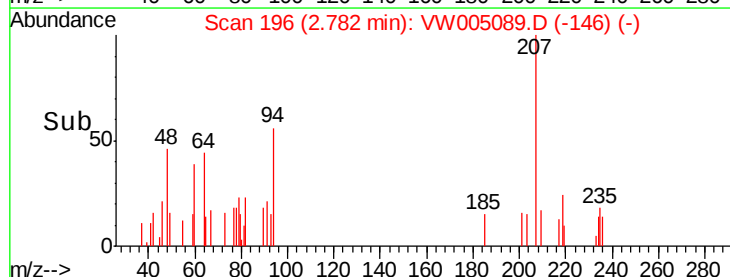
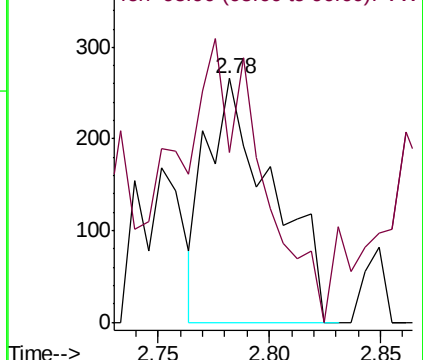
94 100

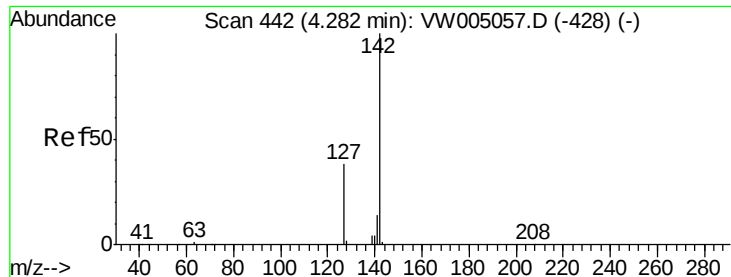
96 30.5 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

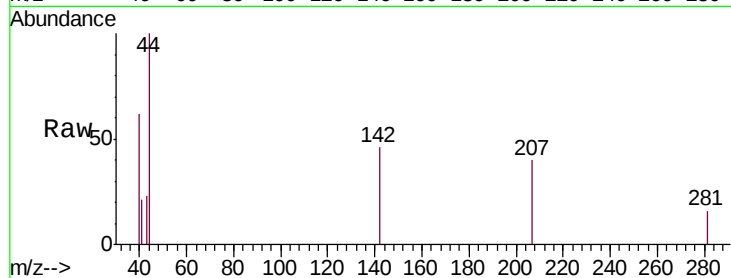




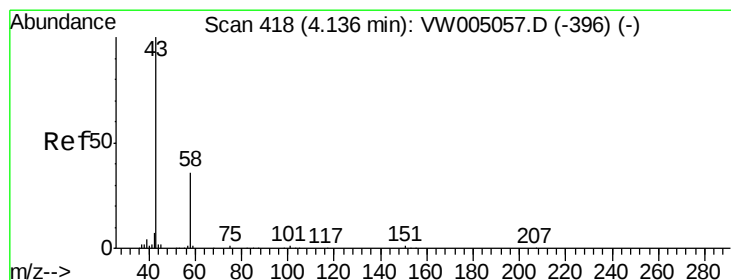
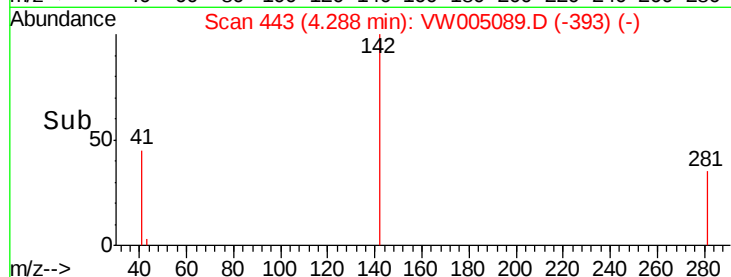
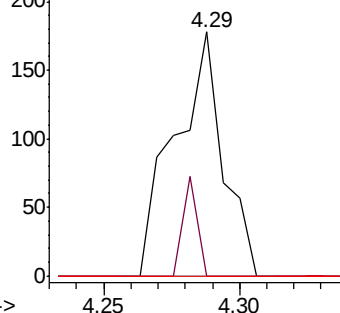
#10
Methyl Iodide
Concen: 3.911 ug/l
RT: 4.29 min Scan# 443
Delta R.T. 0.01 min
Lab File: VW005089.D
Acq: 04 Sep 2018 19:23

Instrument :
MSVOA_W
ClientSampleId :
ENY-BC-2-2.5

Tgt Ion:142 Resp: 219
Ion Ratio Lower Upper
142 100
127 12.3 30.8 46.2#
141 0.0 11.6 17.4#

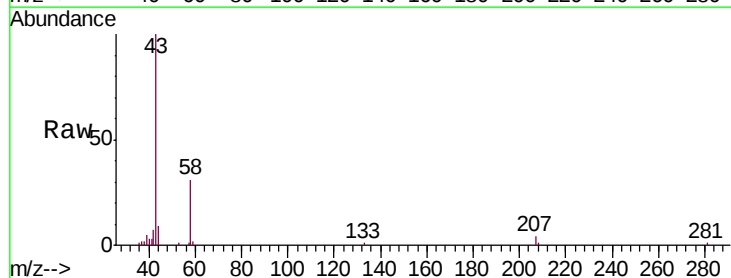


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

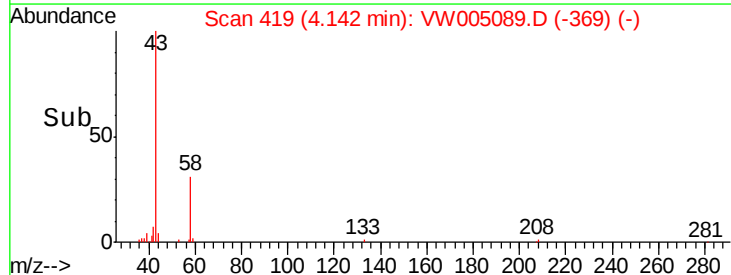
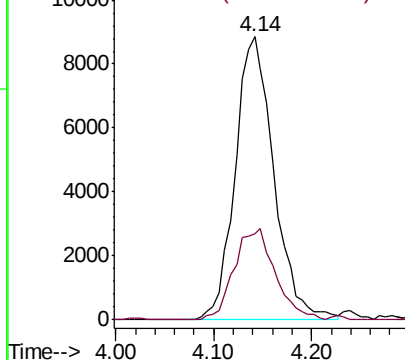


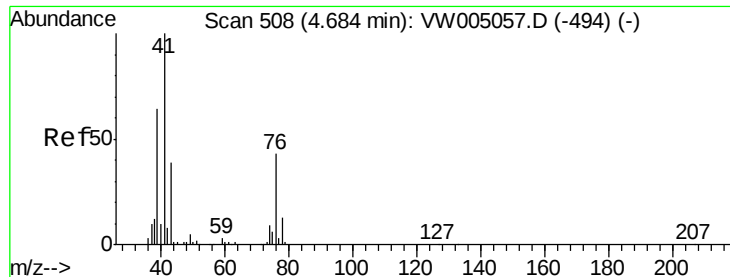
#16
Acetone
Concen: 87.330 ug/l
RT: 4.14 min Scan# 419
Delta R.T. 0.01 min
Lab File: VW005089.D
Acq: 04 Sep 2018 19:23

Tgt Ion: 43 Resp: 24328
Ion Ratio Lower Upper
43 100
58 30.6 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

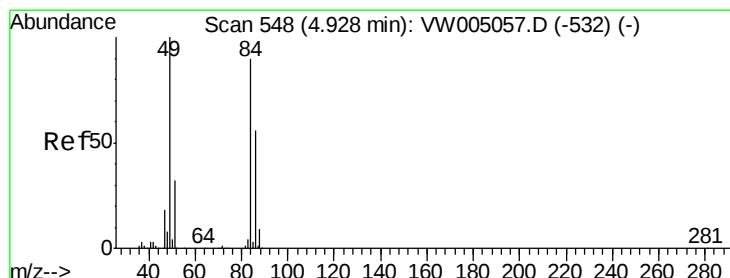
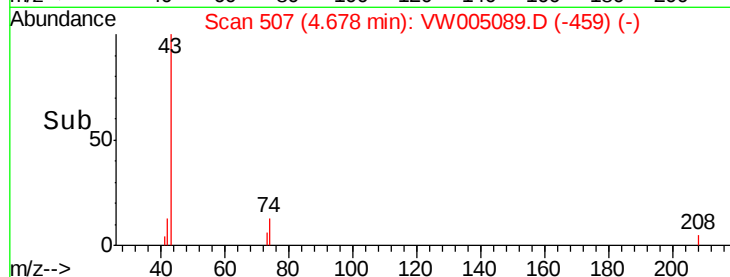
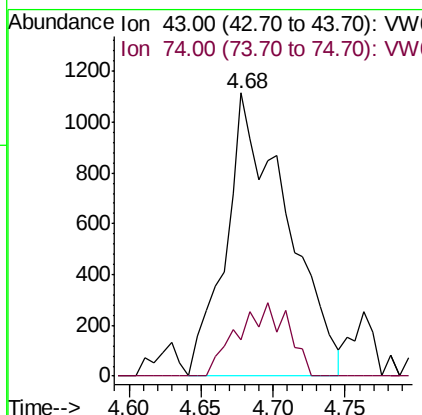
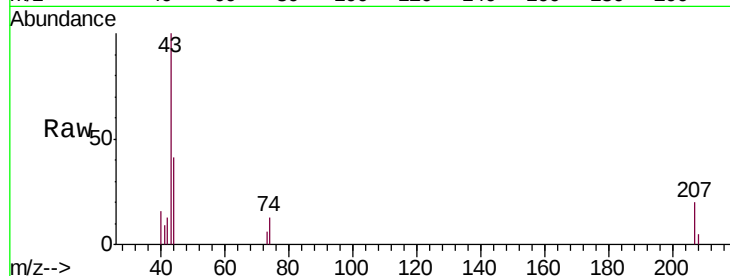




#18
Methyl Acetate
Concen: 4.006 ug/l
RT: 4.68 min Scan# 507
Delta R.T. -0.01 min
Lab File: VW005089.D
Acq: 04 Sep 2018 19:23

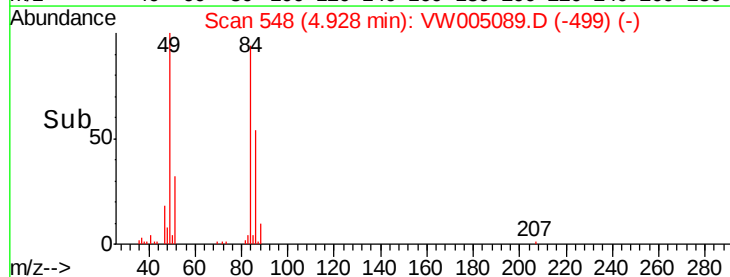
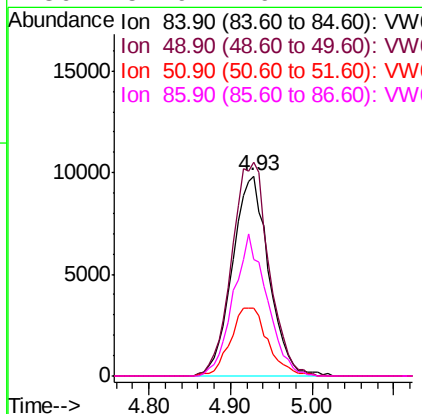
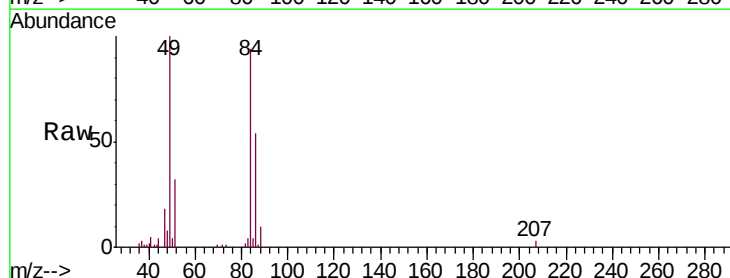
Instrument :
MSVOA_W
ClientSampleId :
ENY-BC-2-2.5

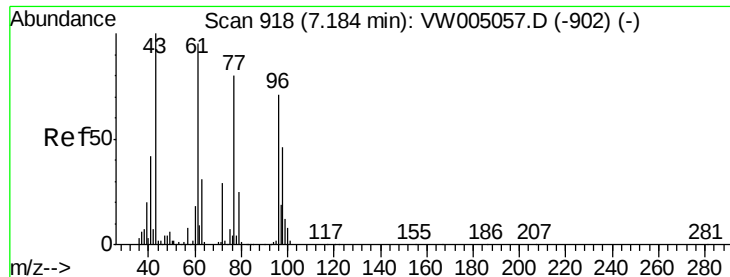
Tgt Ion: 43 Resp: 3283
Ion Ratio Lower Upper
43 100
74 21.4 20.7 31.1



#20
Methylene Chloride
Concen: 13.298 ug/l
RT: 4.93 min Scan# 548
Delta R.T. 0.00 min
Lab File: VW005089.D
Acq: 04 Sep 2018 19:23

Tgt Ion: 84 Resp: 30403
Ion Ratio Lower Upper
84 100
49 106.7 88.7 133.1
51 33.9 28.6 42.8
86 57.9 49.4 74.2





#25

2-Butanone

Concen: 20.682 ug/l

RT: 7.15 min Scan# 912

Delta R.T. -0.04 min

Lab File: VW005089.D

Acq: 04 Sep 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

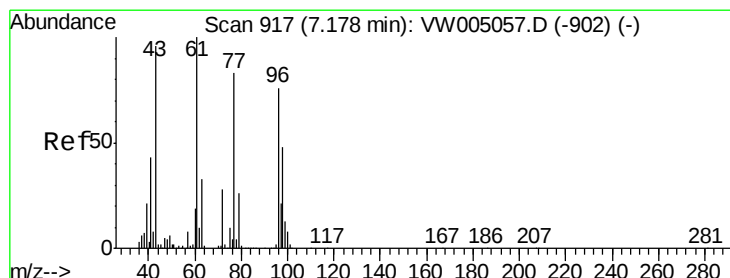
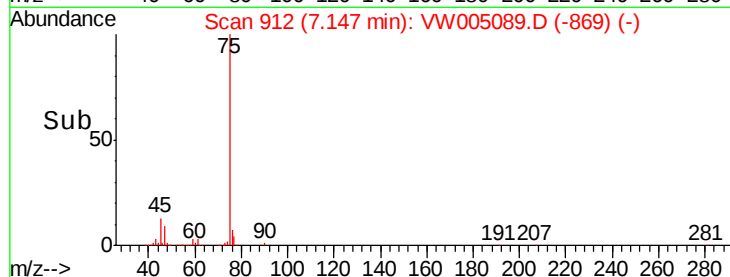
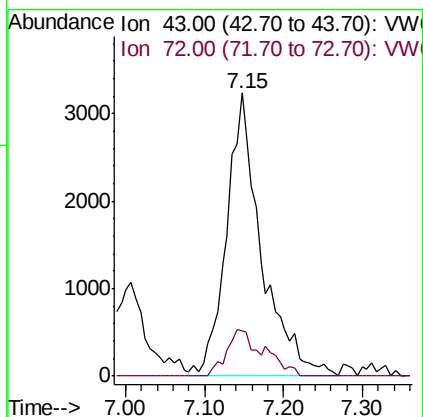
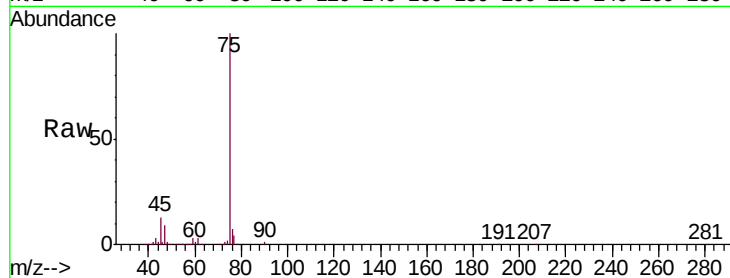
ENY-BC-2-2.5

Tgt Ion: 43 Resp: 9993

Ion Ratio Lower Upper

43 100

72 15.9 23.1 34.7#



#26

2,2-Dichloropropane

Concen: 5.728 ug/l

RT: 7.15 min Scan# 912

Delta R.T. -0.03 min

Lab File: VW005089.D

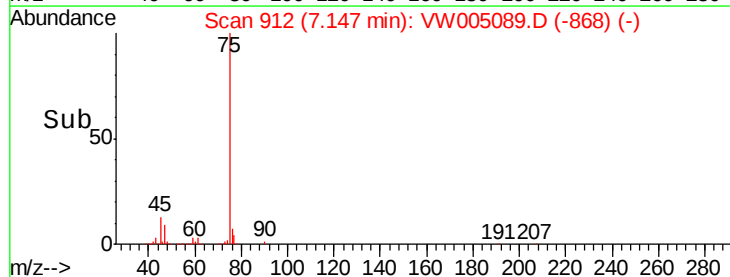
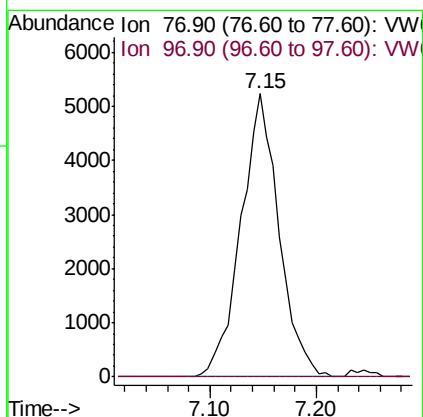
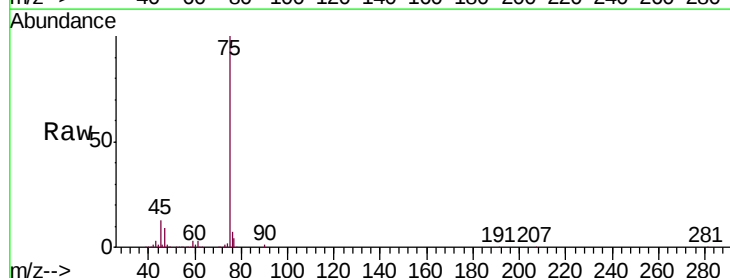
Acq: 04 Sep 2018 19:23

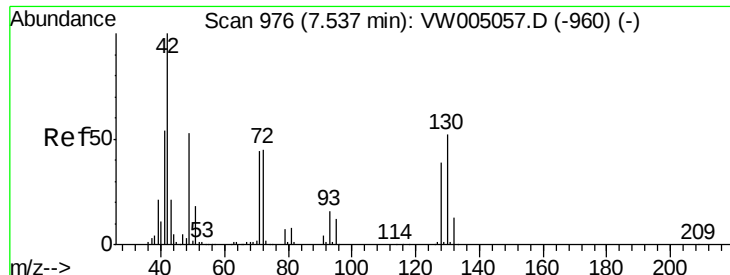
Tgt Ion: 77 Resp: 13113

Ion Ratio Lower Upper

77 100

97 0.0 12.2 36.6#





#29

Tetrahydrofuran

Concen: 2.673 ug/l

RT: 7.56 min Scan# 980

Delta R.T. 0.02 min

Lab File: VW005089.D

Acq: 04 Sep 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

ENY-BC-2-2.5

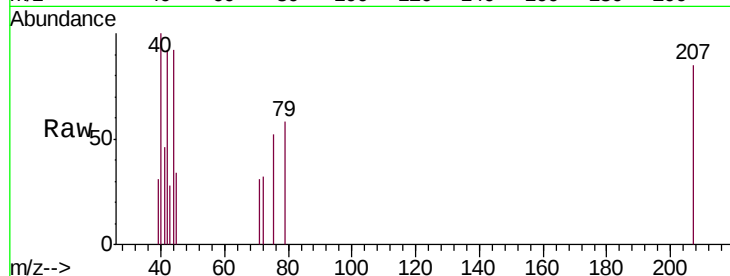
Tgt Ion: 42 Resp: 660

Ion Ratio Lower Upper

42 100

72 28.0 37.0 55.4#

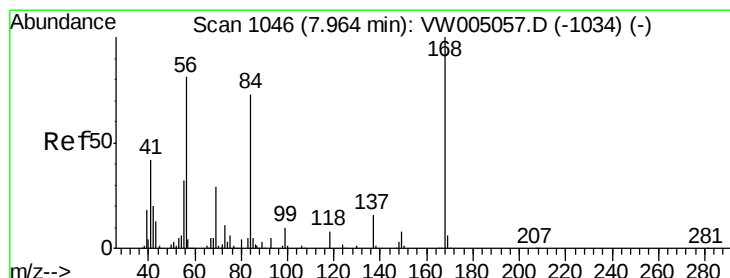
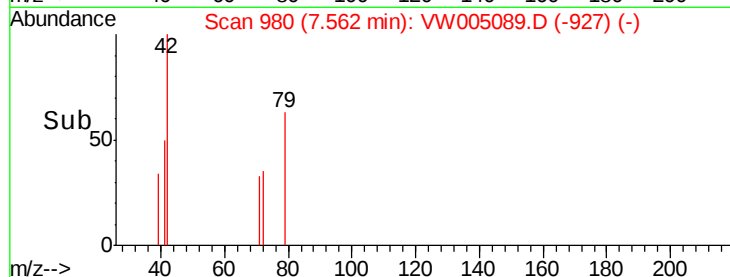
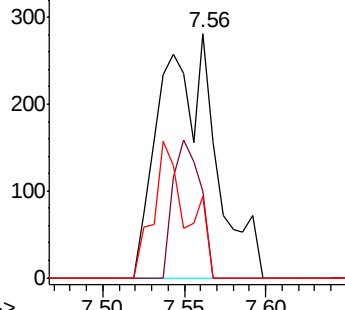
71 0.0 35.0 52.6#



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: 1.039 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW005089.D

Acq: 04 Sep 2018 19:23

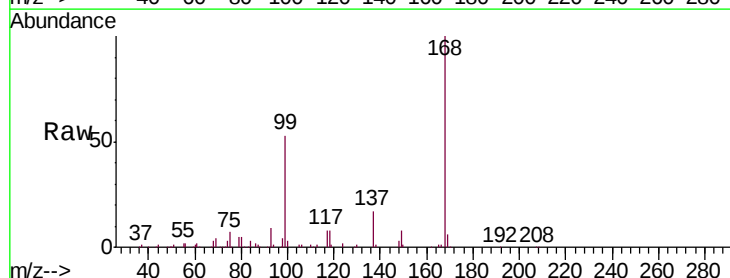
Tgt Ion: 56 Resp: 2835

Ion Ratio Lower Upper

56 100

69 201.6 28.2 42.2#

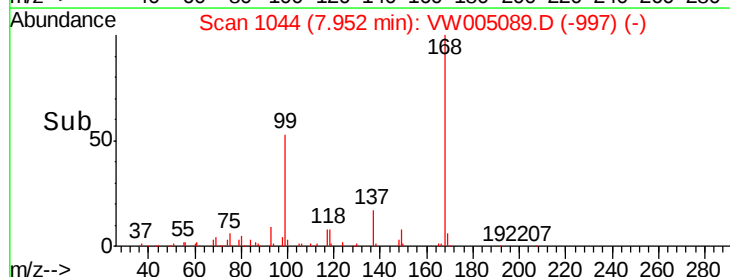
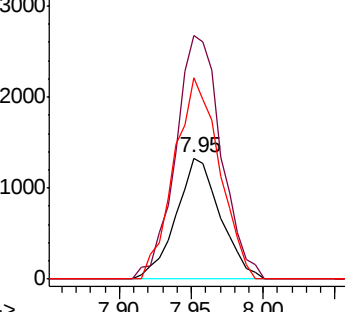
84 167.1 71.8 107.8#

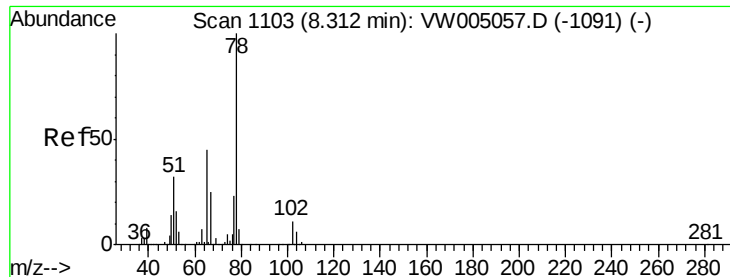


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

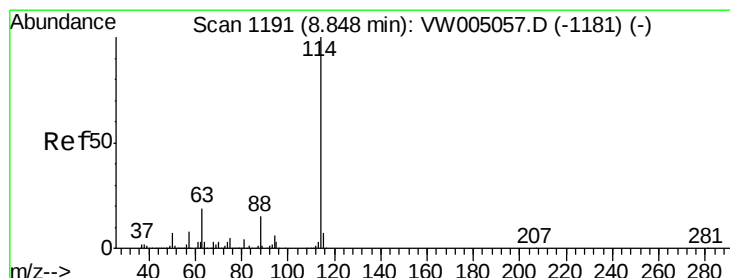
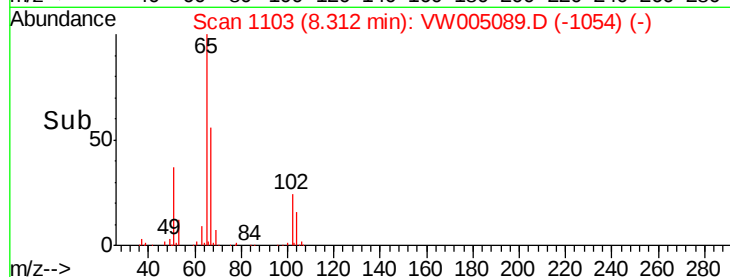
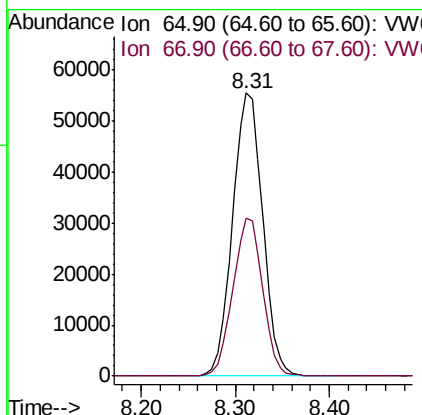
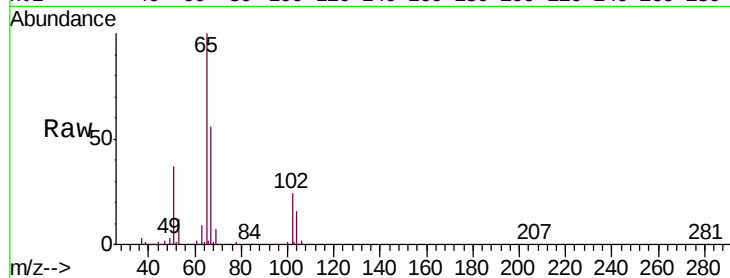




#33
 1,2-Dichloroethane-d4
 Concen: 89.035 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW005089.D
 Acq: 04 Sep 2018 19:23

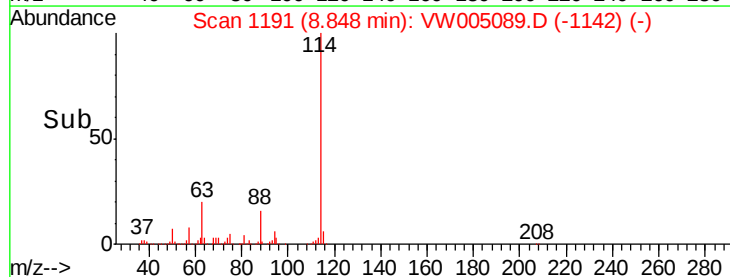
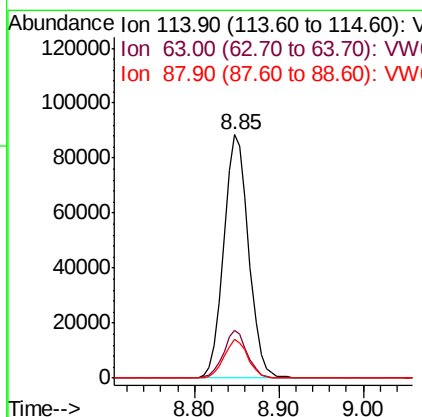
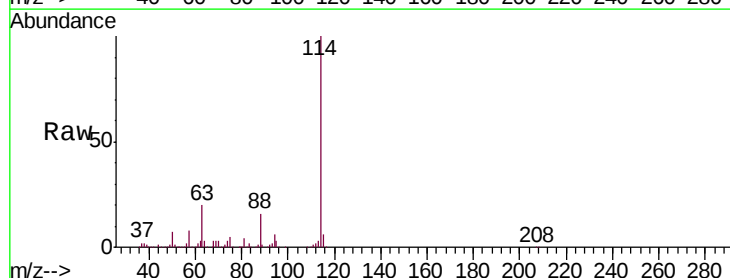
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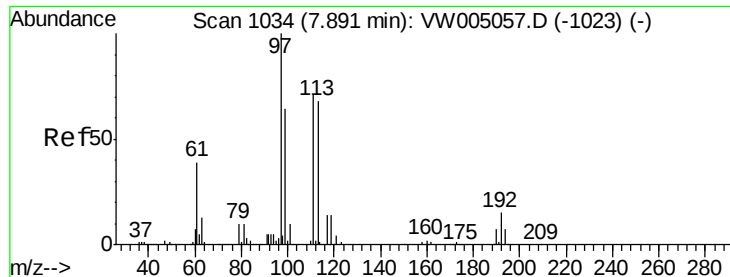
Tgt Ion: 65 Resp: 123675
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005089.D
 Acq: 04 Sep 2018 19:23

Tgt Ion: 114 Resp: 178588
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.0
 88 15.7 0.0 30.2

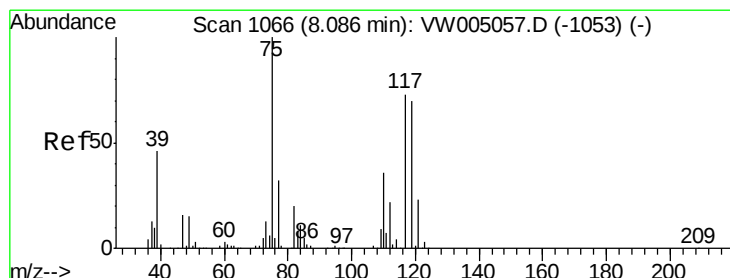
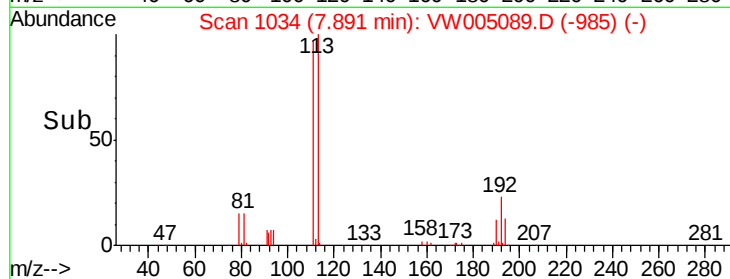
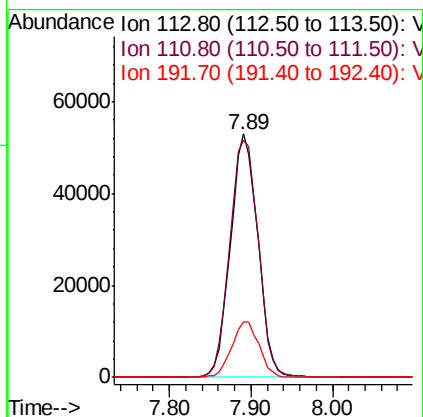
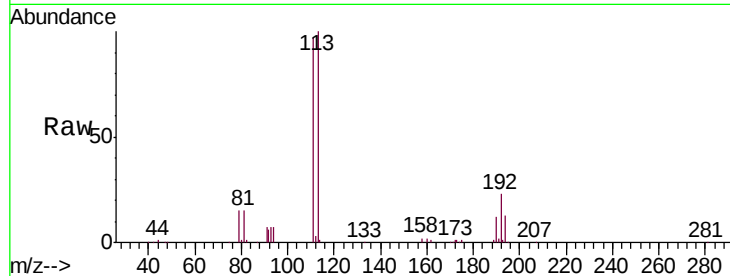




#35
 Dibromofluoromethane
 Concen: 118.256 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005089.D
 Acq: 04 Sep 2018 19:23

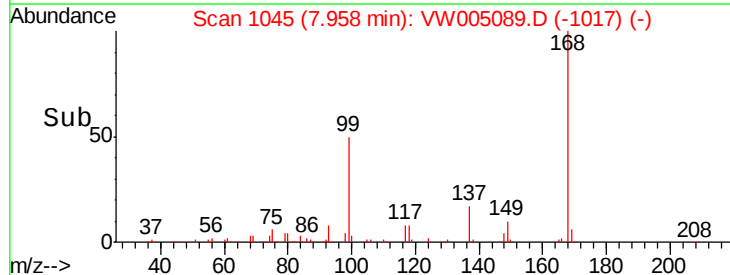
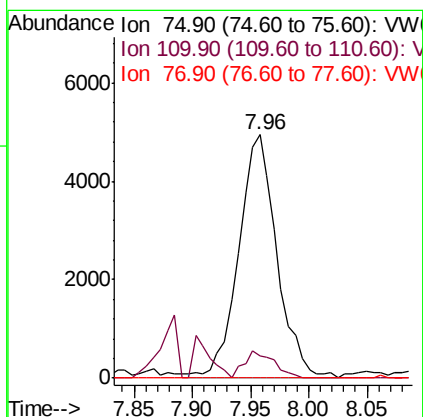
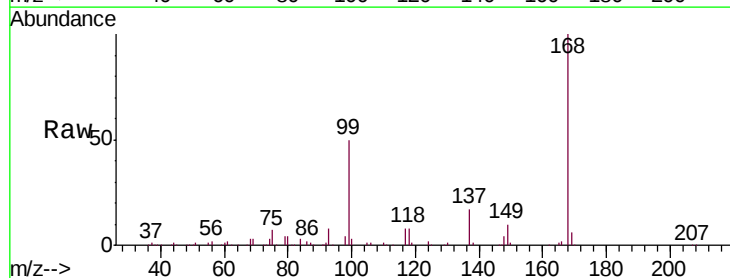
Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-BC-2-2.5

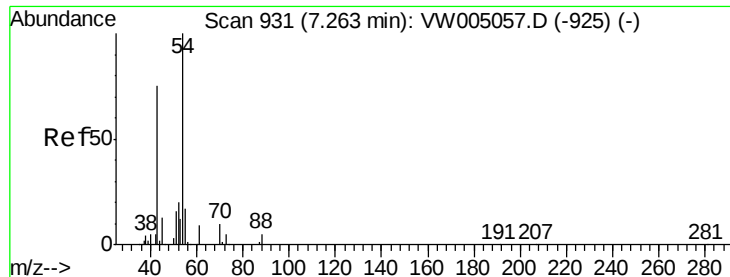
Tgt Ion:113 Resp: 122044
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.2 123.2
 192 22.8 18.1 27.1



#36
 1,1-Dichloropropene
 Concen: 6.645 ug/l
 RT: 7.96 min Scan# 1045
 Delta R.T. -0.13 min
 Lab File: VW005089.D
 Acq: 04 Sep 2018 19:23

Tgt Ion: 75 Resp: 11303
 Ion Ratio Lower Upper
 75 100
 110 8.7 18.9 56.7#
 77 0.0 25.5 38.3#

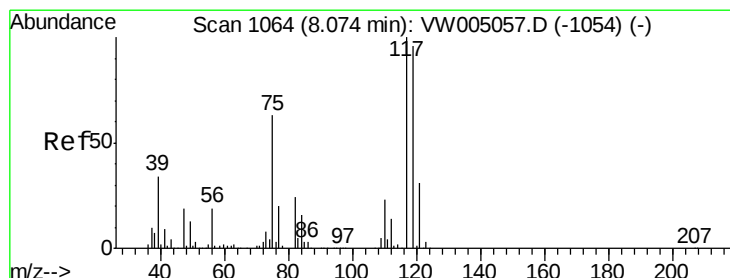
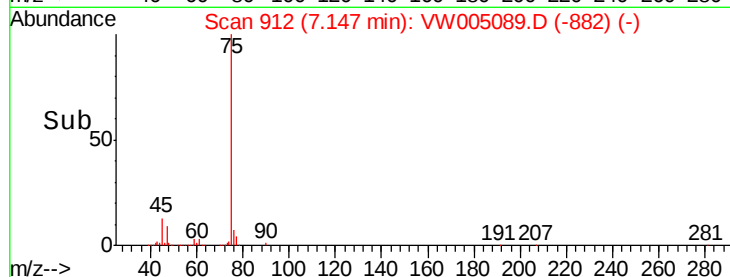
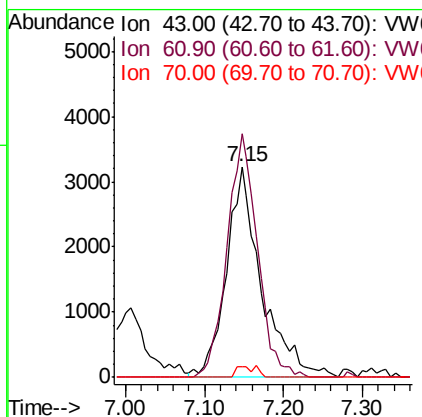
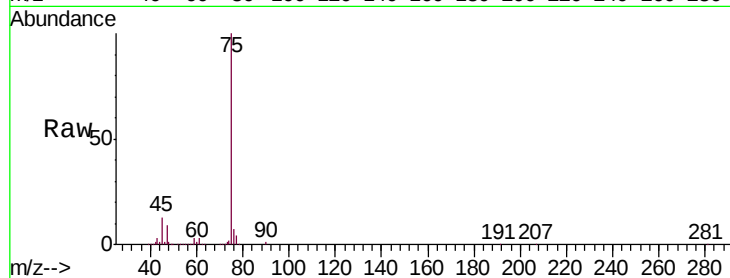




#37
Ethyl Acetate
Concen: 15.710 ug/l
RT: 7.15 min Scan# 912
Delta R.T. -0.12 min
Lab File: VW005089.D
Acq: 04 Sep 2018 19:23

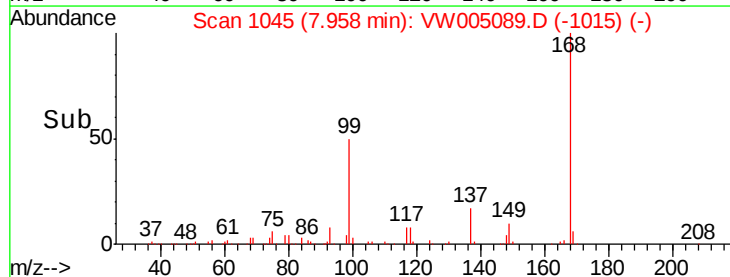
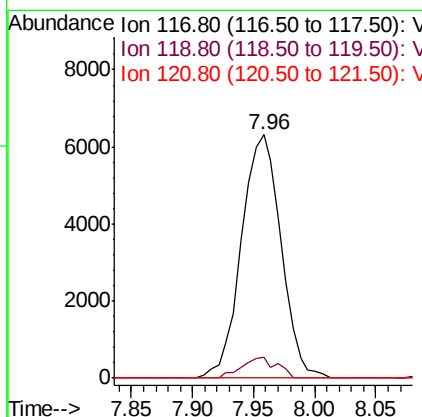
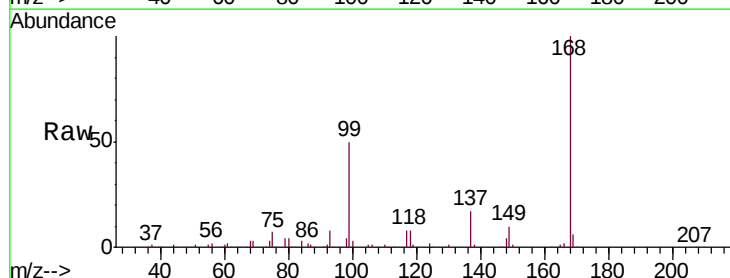
Instrument :
MSVOA_W
ClientSampleId :
ENY-BC-2-2.5

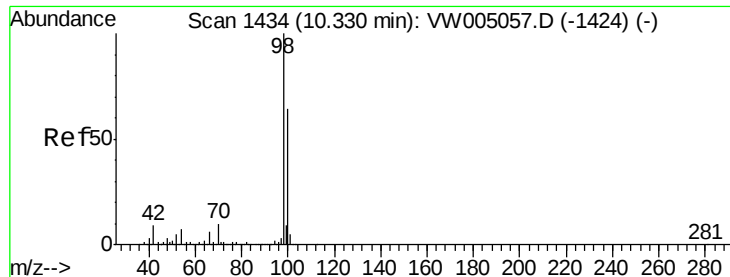
Tgt Ion: 43 Resp: 9993
Ion Ratio Lower Upper
43 100
61 100.1 12.1 18.1#
70 3.0 9.4 14.2#



#38
Carbon Tetrachloride
Concen: 8.777 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.12 min
Lab File: VW005089.D
Acq: 04 Sep 2018 19:23

Tgt Ion: 117 Resp: 14194
Ion Ratio Lower Upper
117 100
119 8.8 76.6 115.0#
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 32.340 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW005089.D

Acq: 04 Sep 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

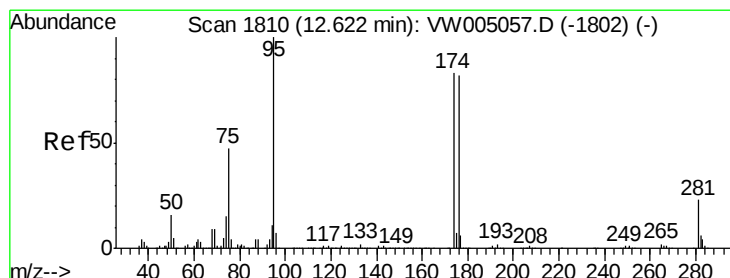
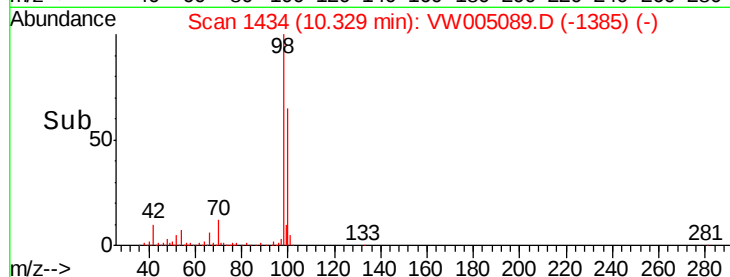
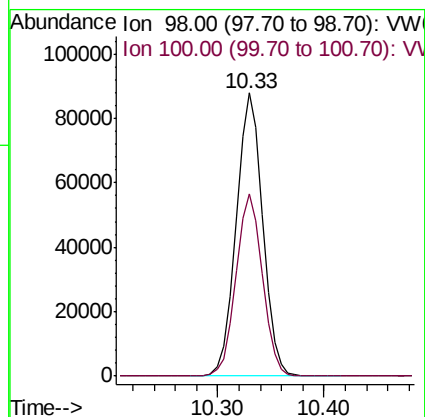
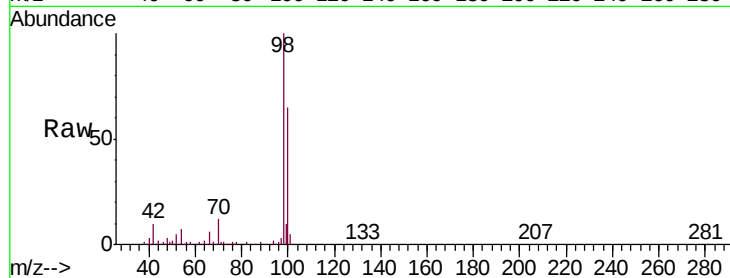
ENY-BC-2-2.5

Tgt Ion: 98 Resp: 153791

Ion Ratio Lower Upper

98 100

100 64.4 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 7.400 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW005089.D

Acq: 04 Sep 2018 19:23

Tgt Ion: 95 Resp: 12408

Ion Ratio Lower Upper

95 100

174 98.5 0.0 173.4

176 90.3 0.0 167.4

