

Data File : VW005092.D
Acq On : 04 Sep 2018 20:39
Operator : SY/AP
Sample : J4710-06
Misc : 4.36G/5ML/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-09-6-6.5

Quant Time: Sep 05 04:15:12 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	201471	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	270848	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	151758	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	23338	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	97538	58.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.80%	
35) Dibromofluoromethane	7.89	113	102115	65.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.48%	
50) Toluene-d8	10.33	98	199916	27.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	55.44%	
62) 4-Bromofluorobenzene	12.63	95	26041	10.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.48%	

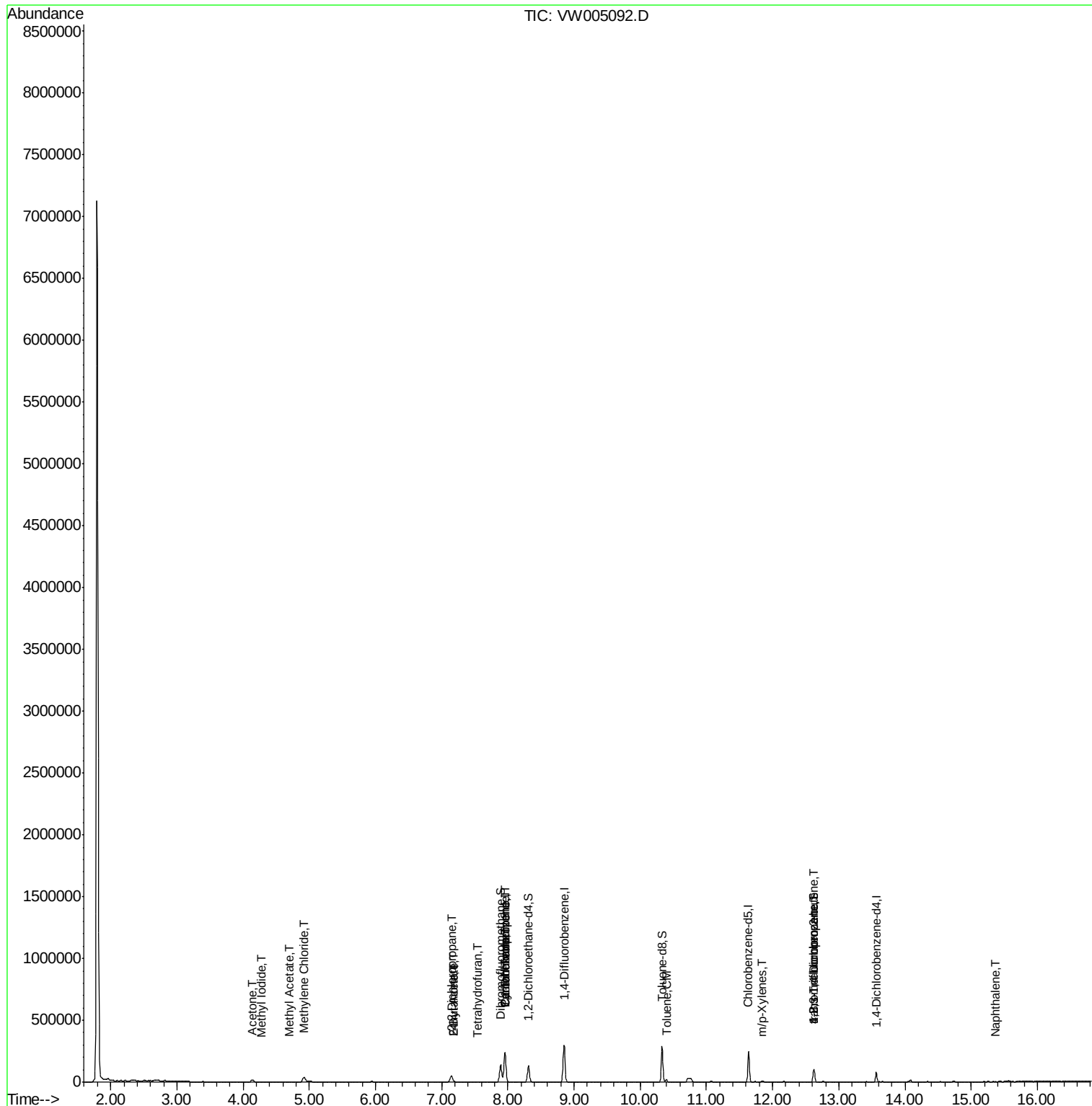
Target Compounds			Qvalue			
5) Bromomethane	2.78	94	341	Below Cal	#	42
10) Methyl Iodide	4.28	142	282	3.917	ug/l #	66
11) Tert butyl alcohol	5.20	59	689	Below Cal	#	72
16) Acetone	4.14	43	30559	91.238	ug/l	97
18) Methyl Acetate	4.69	43	3930	3.989	ug/l	97
20) Methylene Chloride	4.92	84	30867	10.572	ug/l	96
25) 2-Butanone	7.19	43	2546	4.383	ug/l	99
26) 2,2-Dichloropropane	7.15	77	3663	1.331	ug/l #	51
29) Tetrahydrofuran	7.54	42	669	2.254	ug/l #	45
31) Cyclohexane	7.96	56	3648	1.112	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	13527	5.244	ug/l #	47
37) Ethyl Acetate	7.19	43	2551	2.644	ug/l #	66
38) Carbon Tetrachloride	7.95	117	17232	7.026	ug/l #	17
52) Toluene	10.40	92	7787	1.455	ug/l	96
68) m/p-Xylenes	11.85	106	2416	1.045	ug/l	94
76) 1,2,3-Trichloropropane	12.62	75	11620	66.332	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	11620	159.653	ug/l #	15
95) Naphthalene	15.38	128	900	4.964	ug/l #	69

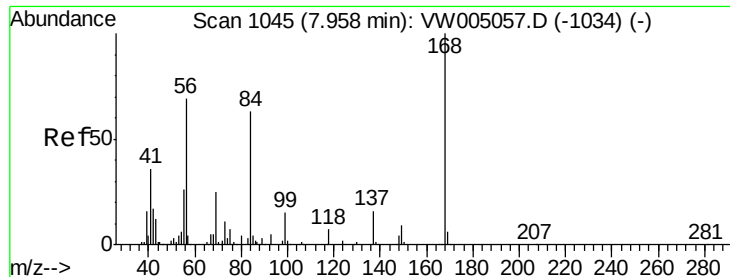
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW005092.D

Acq: 04 Sep 2018 20:39

Instrument :

MSVOA_W

ClientSampleId :

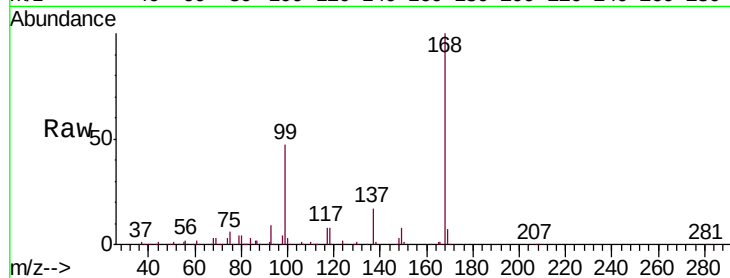
ENY-SB-09-6-6.5

Tgt Ion:168 Resp: 201471

Ion Ratio Lower Upper

168 100

99 46.8 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

100000

80000

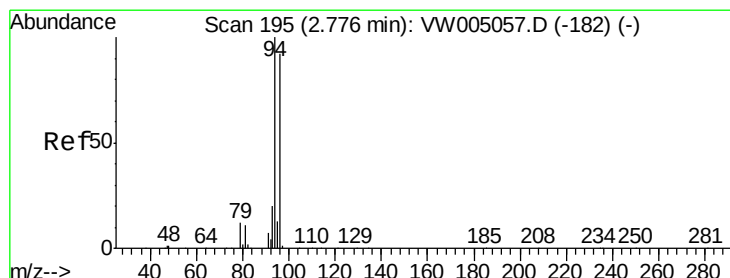
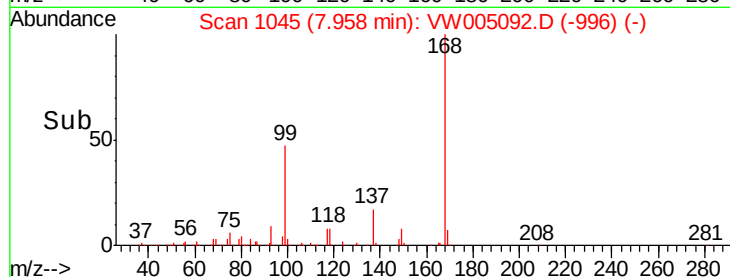
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 195

Delta R.T. -0.00 min

Lab File: VW005092.D

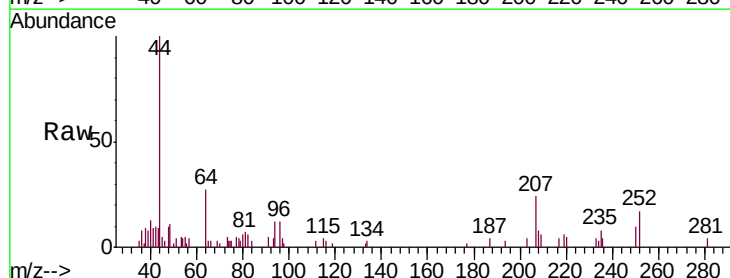
Acq: 04 Sep 2018 20:39

Tgt Ion: 94 Resp: 341

Ion Ratio Lower Upper

94 100

96 36.8 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

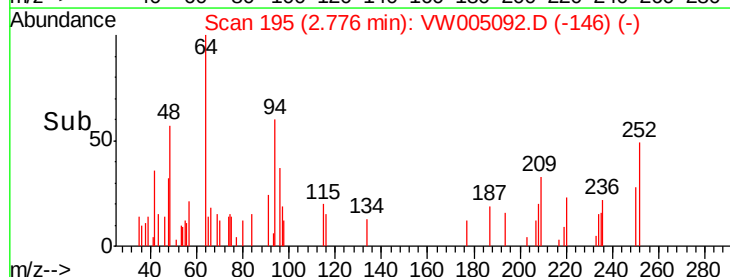
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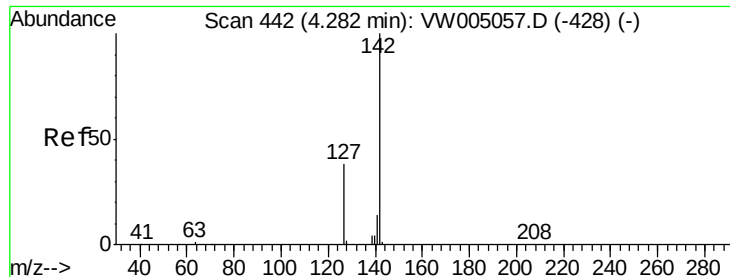
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100

0

Time-->

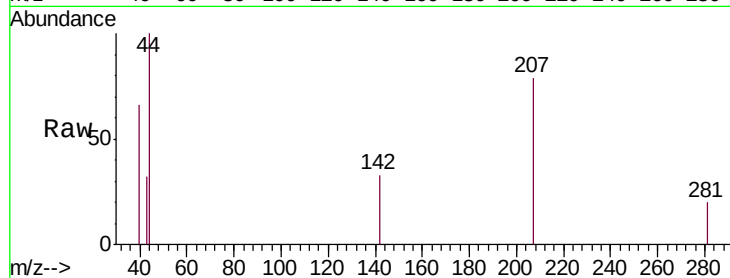




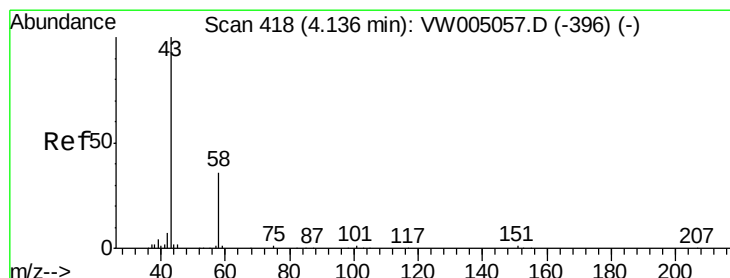
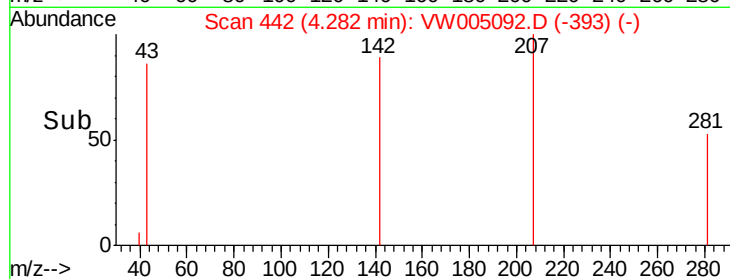
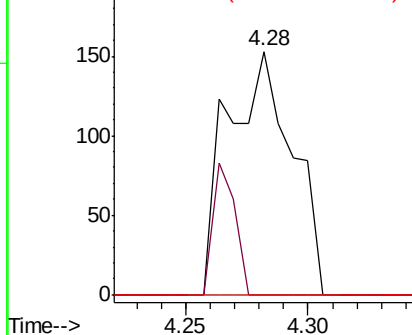
#10
Methyl Iodide
Concen: 3.917 ug/l
RT: 4.28 min Scan# 442
Delta R.T. 0.00 min
Lab File: VW005092.D
Acq: 04 Sep 2018 20:39

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-09-6-6.5

Tgt Ion:142 Resp: 282
Ion Ratio Lower Upper
142 100
127 18.4 30.8 46.2#
141 0.0 11.6 17.4#

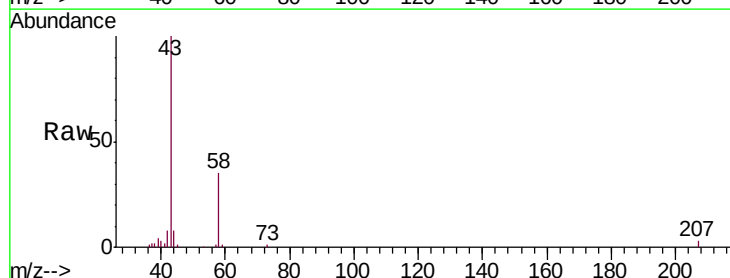


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

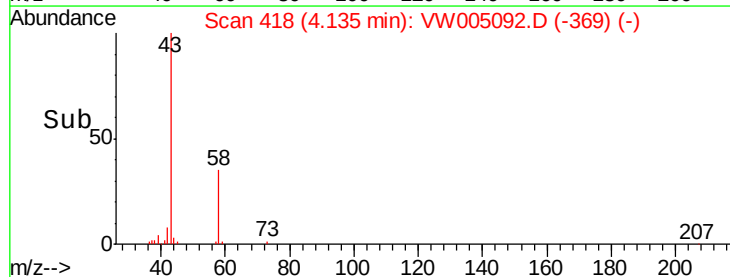
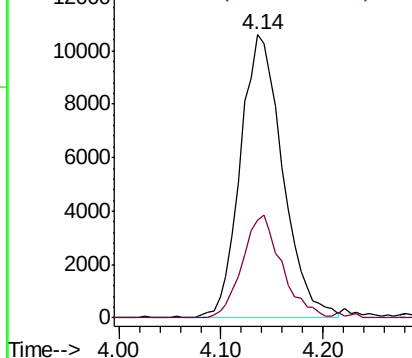


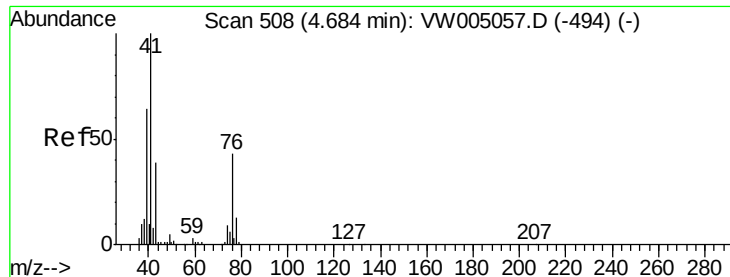
#16
Acetone
Concen: 91.238 ug/l
RT: 4.14 min Scan# 418
Delta R.T. -0.00 min
Lab File: VW005092.D
Acq: 04 Sep 2018 20:39

Tgt Ion: 43 Resp: 30559
Ion Ratio Lower Upper
43 100
58 34.6 29.0 43.6



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

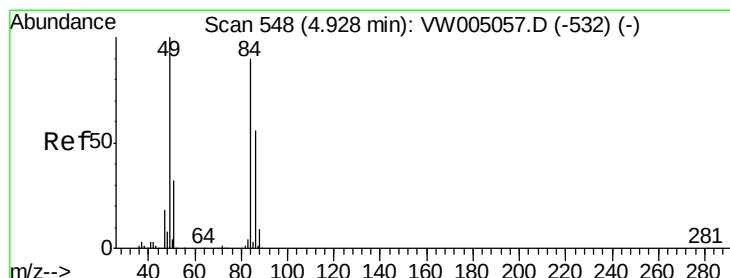
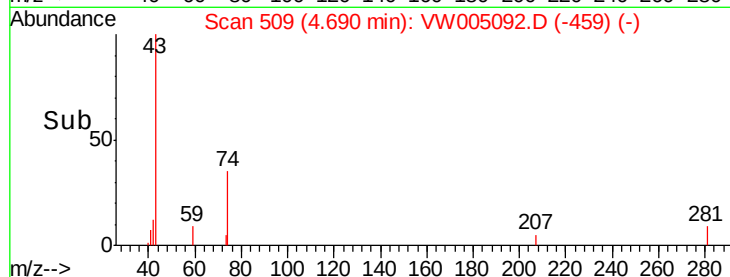
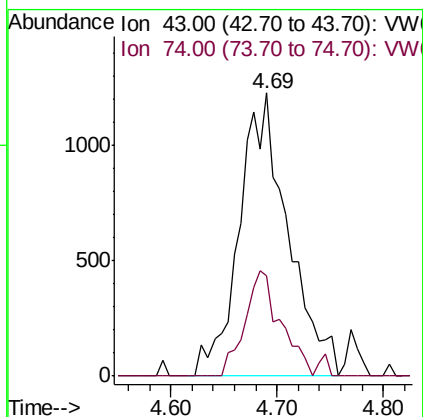
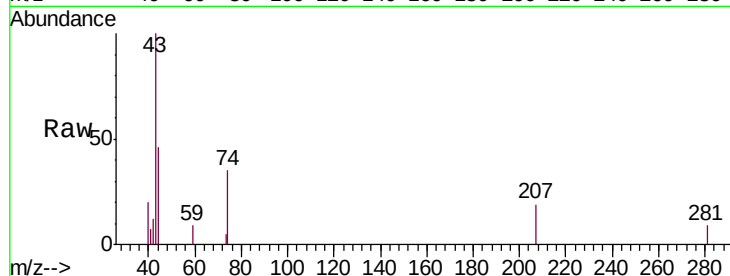




#18
Methyl Acetate
Concen: 3.989 ug/l
RT: 4.69 min Scan# 509
Delta R.T. 0.01 min
Lab File: VW005092.D
Acq: 04 Sep 2018 20:39

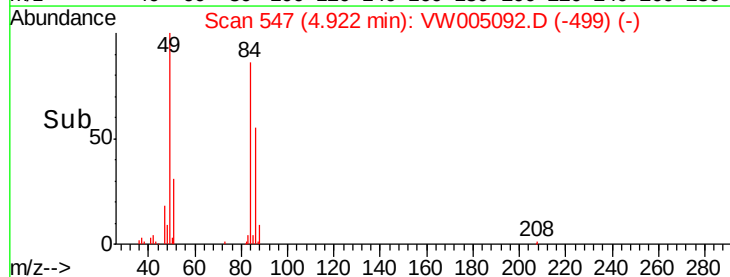
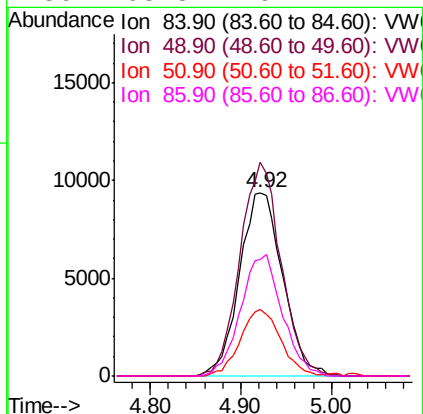
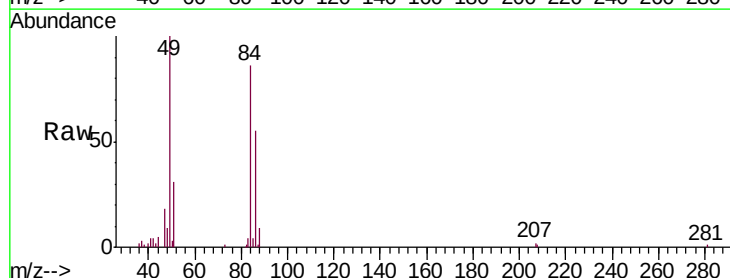
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-09-6-6.5

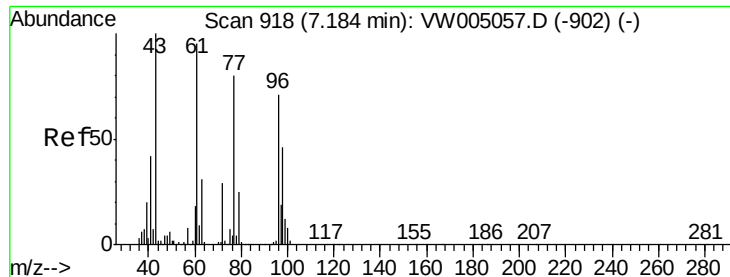
Tgt Ion: 43 Resp: 3930
Ion Ratio Lower Upper
43 100
74 27.4 20.7 31.1



#20
Methylene Chloride
Concen: 10.572 ug/l
RT: 4.92 min Scan# 547
Delta R.T. -0.01 min
Lab File: VW005092.D
Acq: 04 Sep 2018 20:39

Tgt Ion: 84 Resp: 30867
Ion Ratio Lower Upper
84 100
49 116.5 88.7 133.1
51 36.5 28.6 42.8
86 63.8 49.4 74.2





#25

2-Butanone

Concen: 4.383 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW005092.D

Acq: 04 Sep 2018 20:39

Instrument :

MSVOA_W

ClientSampleId :

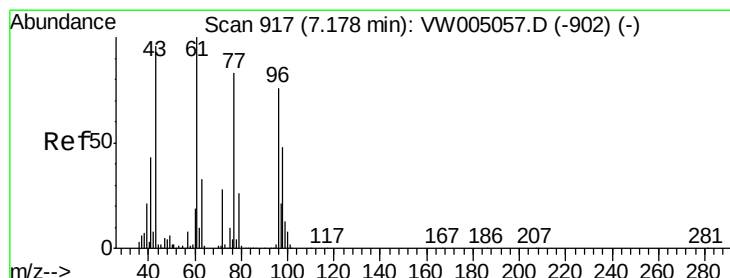
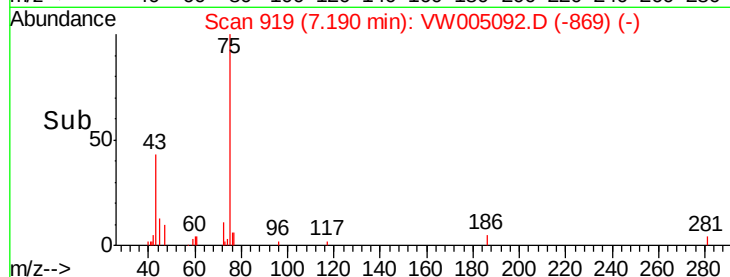
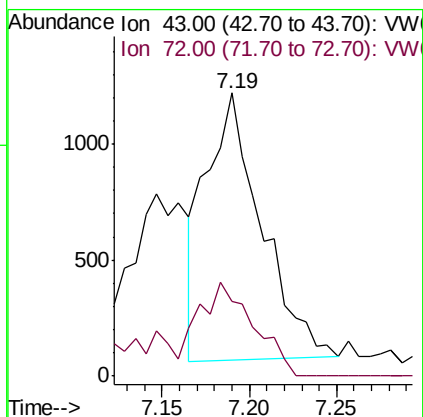
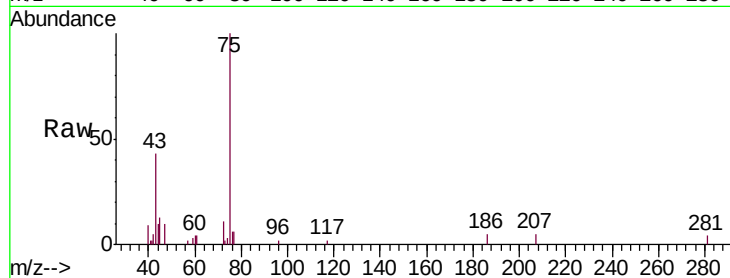
ENY-SB-09-6-6.5

Tgt Ion: 43 Resp: 2546

Ion Ratio Lower Upper

43 100

72 28.4 23.1 34.7



#26

2,2-Dichloropropane

Concen: 1.331 ug/l

RT: 7.15 min Scan# 912

Delta R.T. -0.03 min

Lab File: VW005092.D

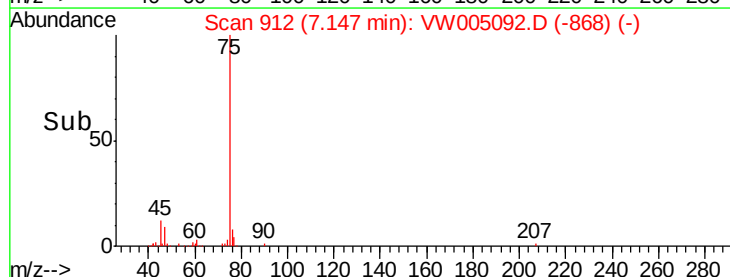
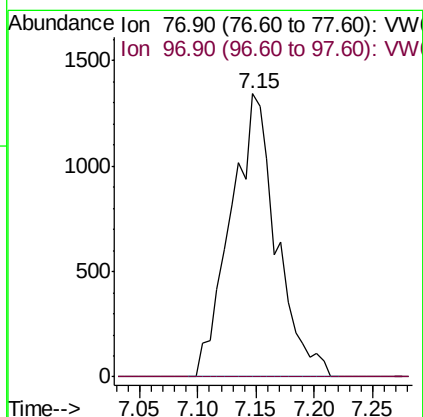
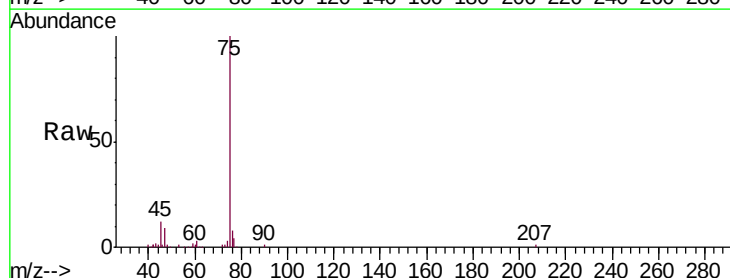
Acq: 04 Sep 2018 20:39

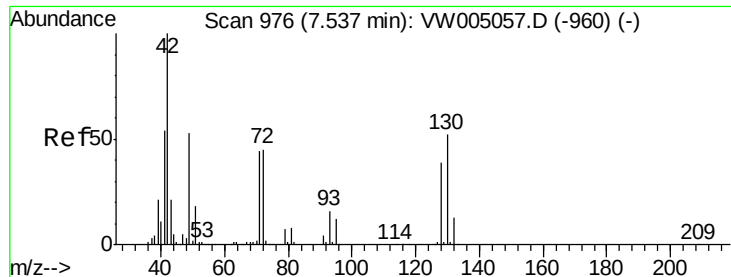
Tgt Ion: 77 Resp: 3663

Ion Ratio Lower Upper

77 100

97 0.0 12.2 36.6#

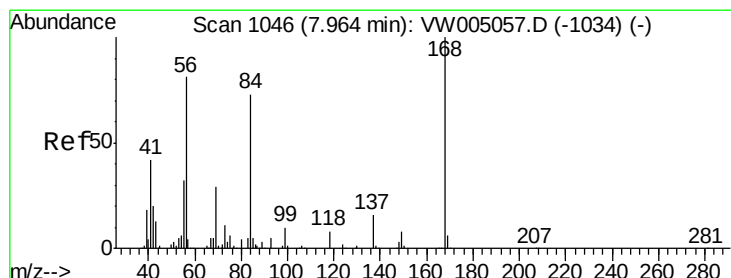
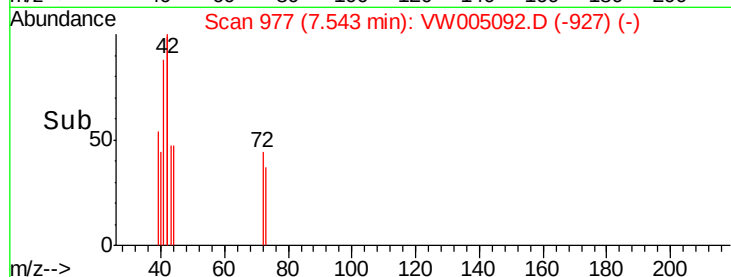
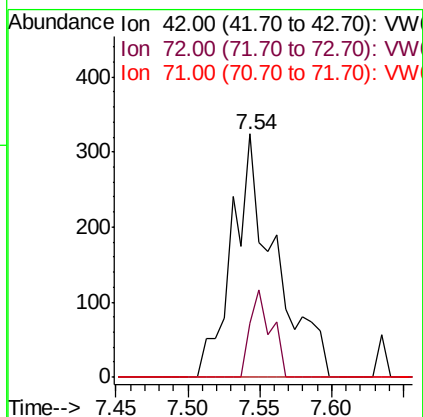
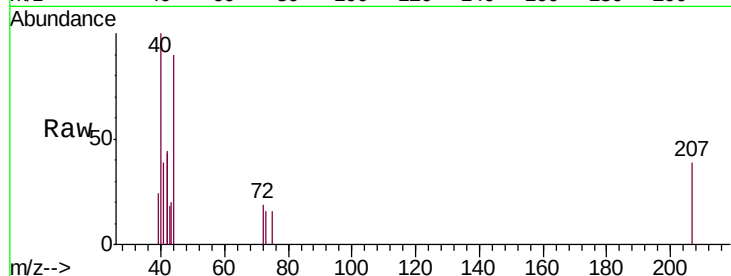




#29
Tetrahydrofuran
Concen: 2.254 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW005092.D
Acq: 04 Sep 2018 20:39

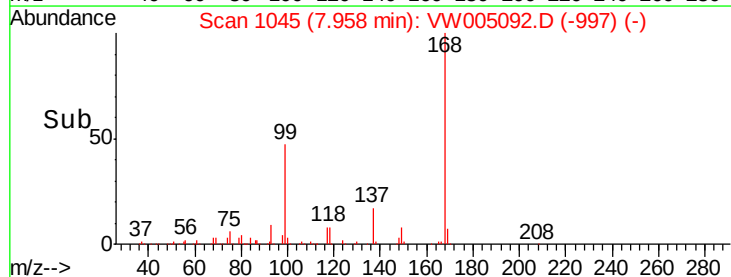
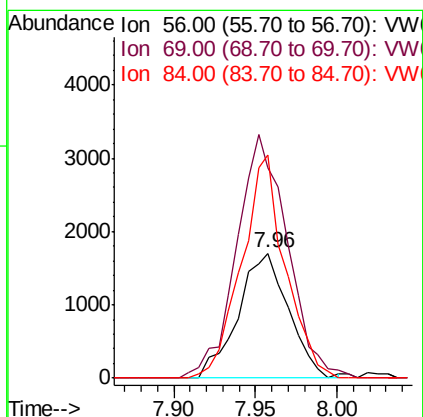
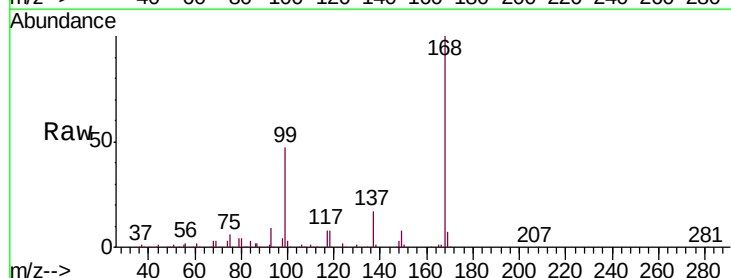
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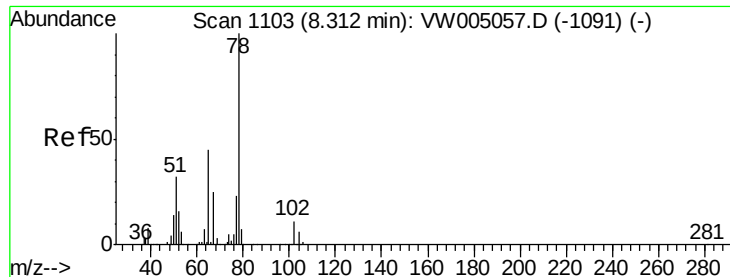
Tgt Ion: 42 Resp: 669
Ion Ratio Lower Upper
42 100
72 17.5 37.0 55.4#
71 0.0 35.0 52.6#



#31
Cyclohexane
Concen: 1.112 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.01 min
Lab File: VW005092.D
Acq: 04 Sep 2018 20:39

Tgt Ion: 56 Resp: 3648
Ion Ratio Lower Upper
56 100
69 164.5 28.2 42.2#
84 179.3 71.8 107.8#

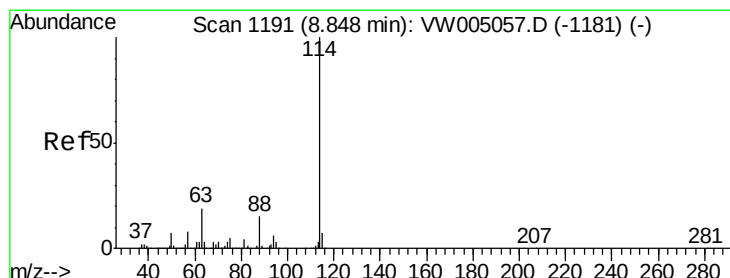
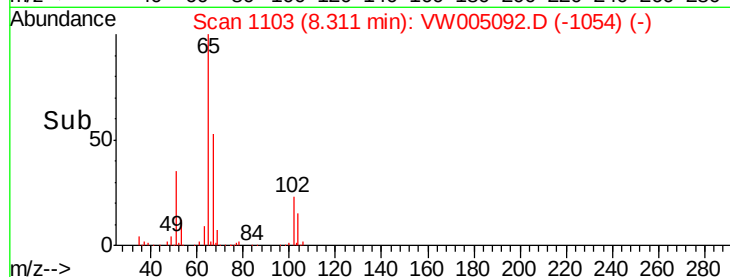
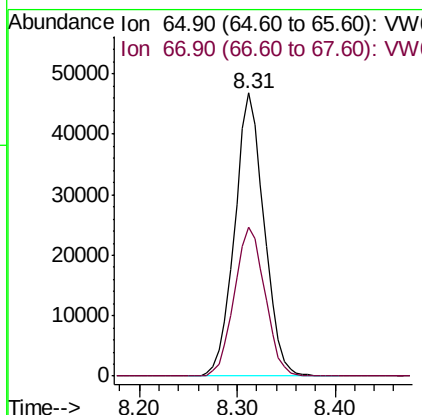
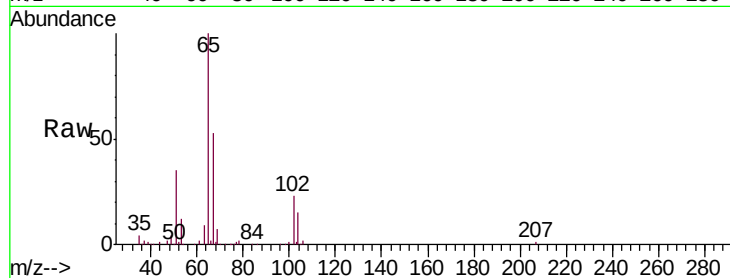




#33
 1,2-Dichloroethane-d4
 Concen: 58.402 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW005092.D
 Acq: 04 Sep 2018 20:39

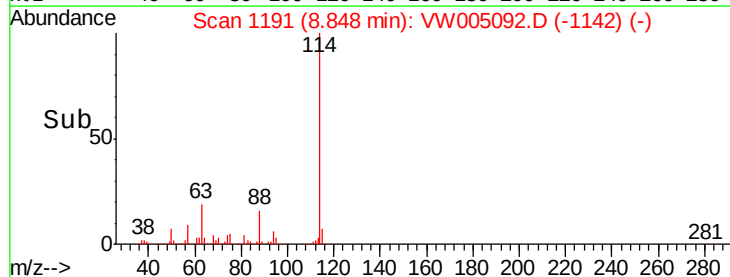
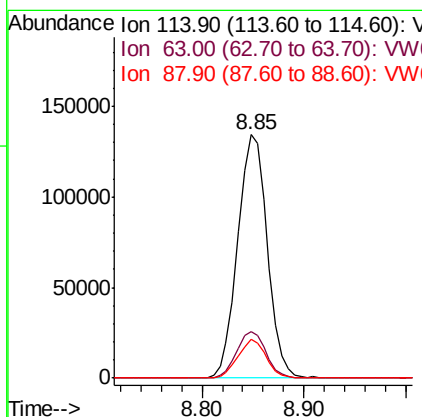
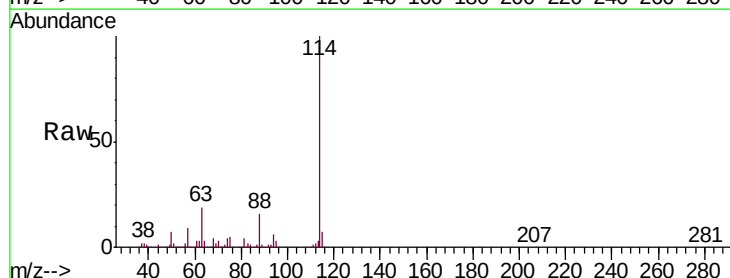
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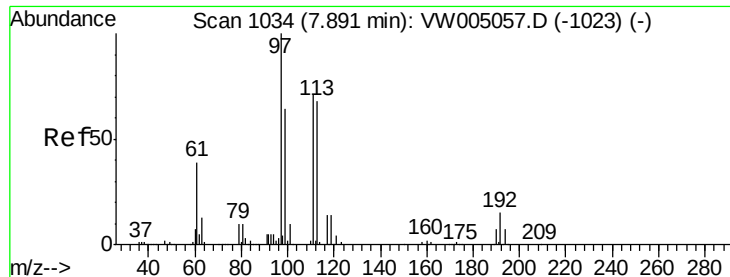
Tgt Ion: 65 Resp: 97538
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005092.D
 Acq: 04 Sep 2018 20:39

Tgt Ion: 114 Resp: 270848
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.0
 88 15.8 0.0 30.2

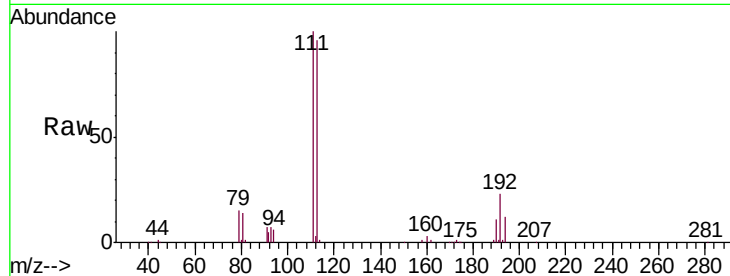




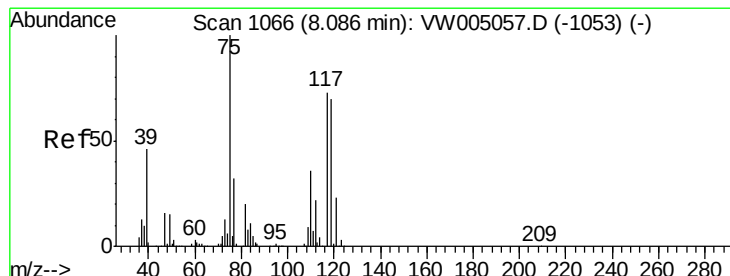
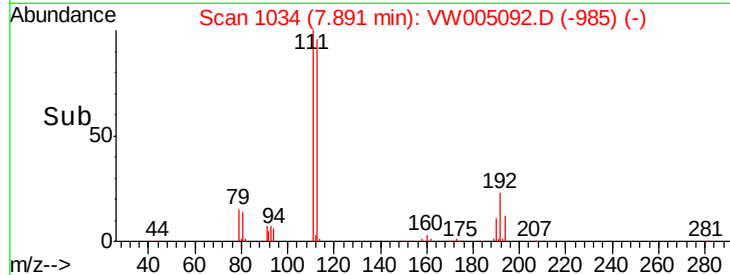
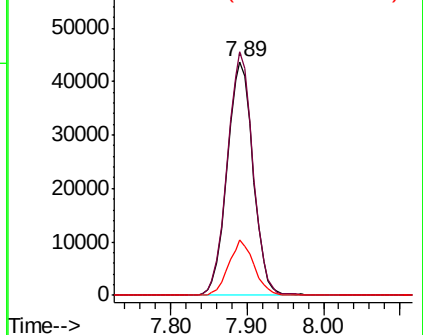
#35
 Dibromofluoromethane
 Concen: 65.241 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005092.D
 Acq: 04 Sep 2018 20:39

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-09-6-6.5

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.2	123.2
192	23.0	18.1	27.1

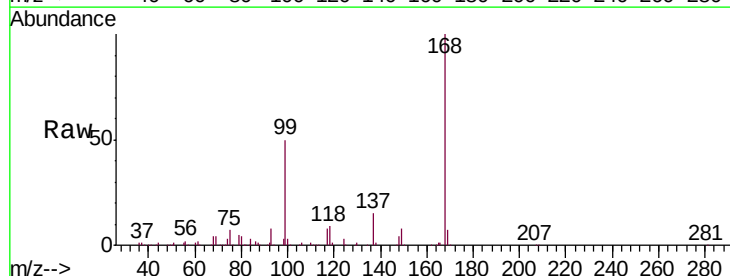


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 5.244 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW005092.D
 Acq: 04 Sep 2018 20:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.9	56.7#
77	0.0	25.5	38.3#



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

