

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW052518\
 Data File : VW002865.D
 Acq On : 25 May 2018 01:26
 Operator : JC/SY
 Sample : J3024-02RE
 Misc : 6.19G/10ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Quant Time: May 25 08:52:55 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 03:32:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	75457	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	145378	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	85837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	9991	50.00	ug/l	0.00

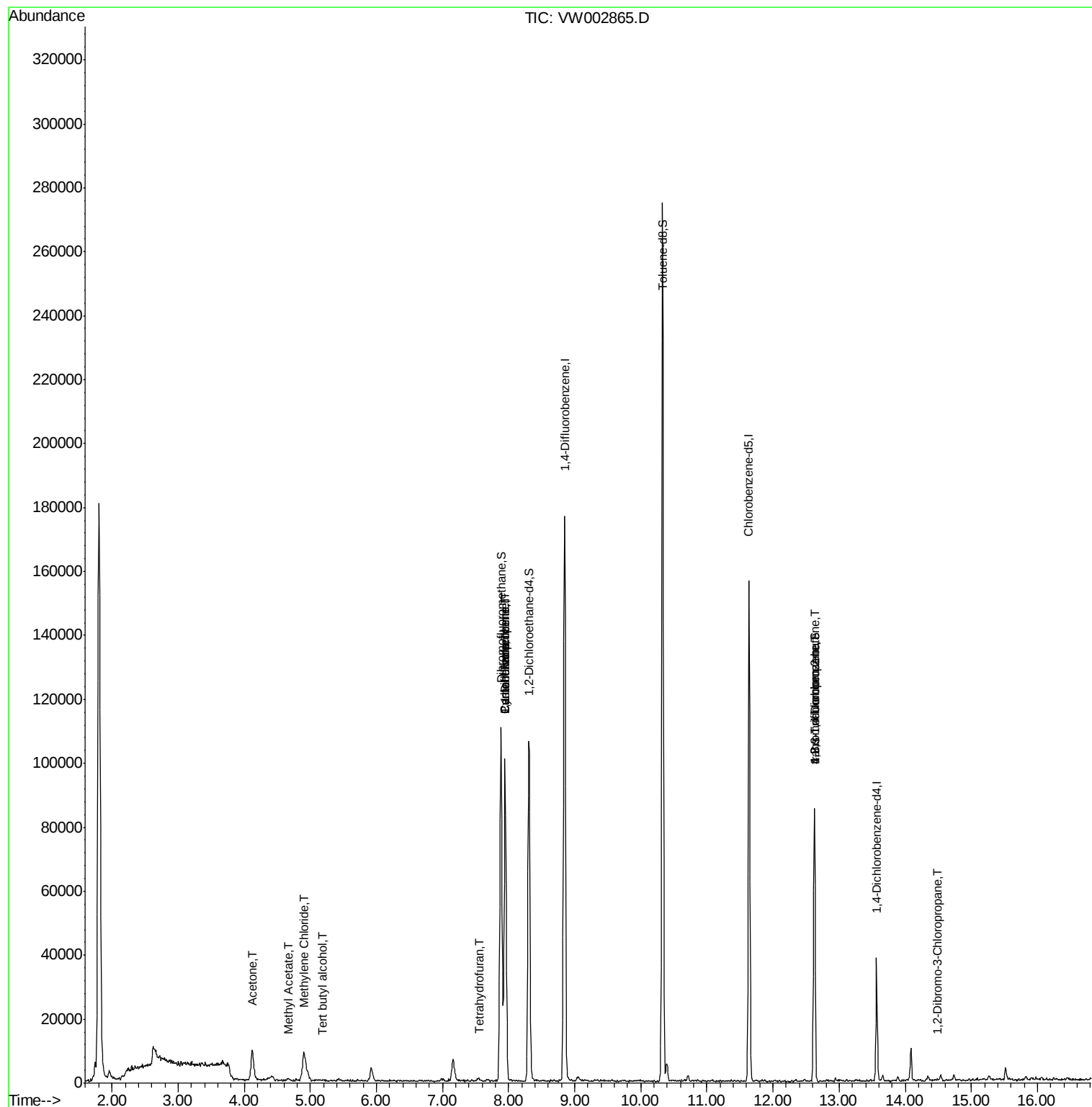
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	83924	107.63	ug/l	0.00
Spiked Amount			Recovery	=	215.26%	
35) Dibromofluoromethane	7.88	113	75172	81.51	ug/l	0.00
Spiked Amount			Recovery	=	163.02%	
50) Toluene-d8	10.33	98	176078	50.18	ug/l	0.00
Spiked Amount			Recovery	=	100.36%	
62) 4-Bromofluorobenzene	12.63	95	22358	17.43	ug/l	0.00
Spiked Amount			Recovery	=	34.86%	

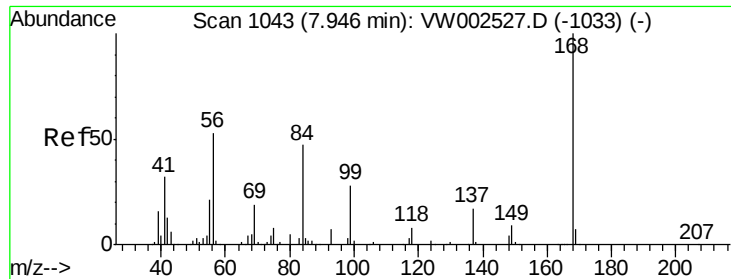
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	307	5.12	ug/l #	72
16) Acetone	4.12	43	16758	101.80	ug/l	91
18) Methyl Acetate	4.67	43	1098	2.29	ug/l #	65
20) Methylene Chloride	4.90	84	7858	9.79	ug/l	98
29) Tetrahydrofuran	7.55	42	512	3.52	ug/l #	69
31) Cyclohexane	7.94	56	2056	1.86	ug/l #	62
36) 1,1-Dichloropropene	7.95	75	5831	4.55	ug/l #	49
38) Carbon Tetrachloride	7.95	117	7141	5.68	ug/l #	19
76) 1,2,3-Trichloropropane	12.63	75	11914	126.15	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	11914	343.95	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	14.49	75	44	2.00	ug/l #	1

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VW002865.D

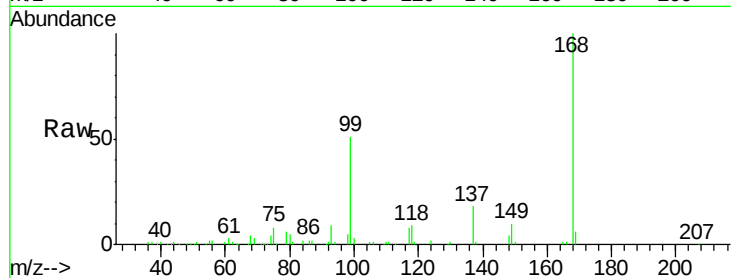
Acq: 25 May 2018 01:26

Tot Ion:168 Resp: 75457

Ion Ratio Lower Upper

168 100

99 50.8 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

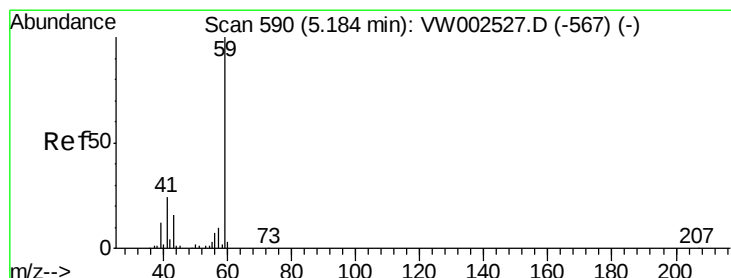
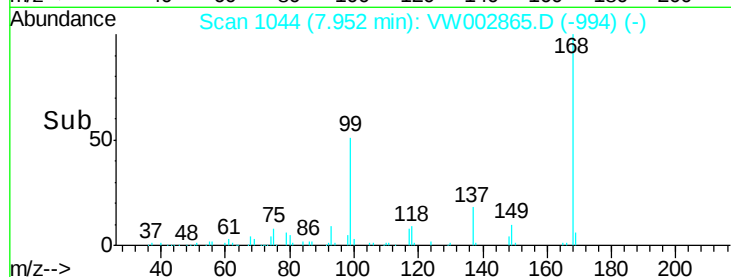
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#11

Tert butyl alcohol

Concen: 5.12 ug/l

RT: 5.18 min Scan# 590

Delta R.T. 0.00 min

Lab File: VW002865.D

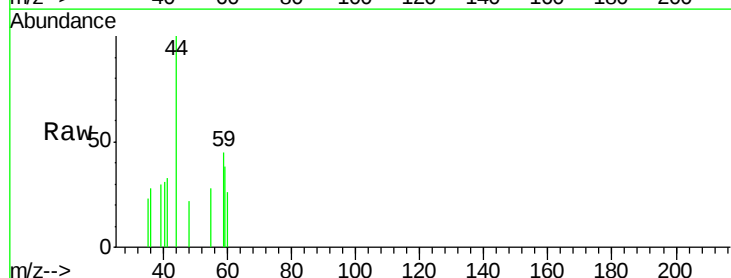
Acq: 25 May 2018 01:26

Tgt Ion: 59 Resp: 307

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

200

150

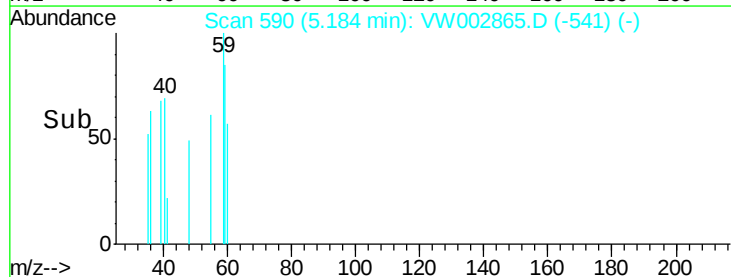
100

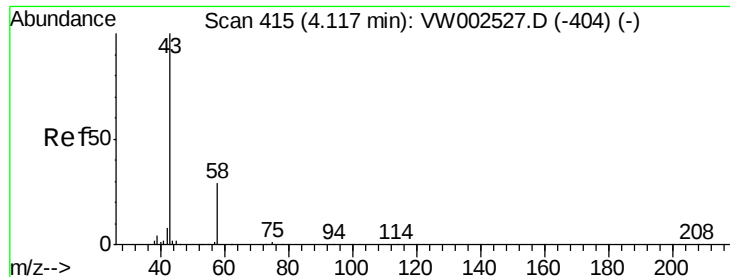
50

0

5.15 5.20

Time-->





#16

Acetone

Concen: 101.80 ug/l

RT: 4.12 min Scan# 415

Delta R.T. 0.00 min

Lab File: VW002865.D

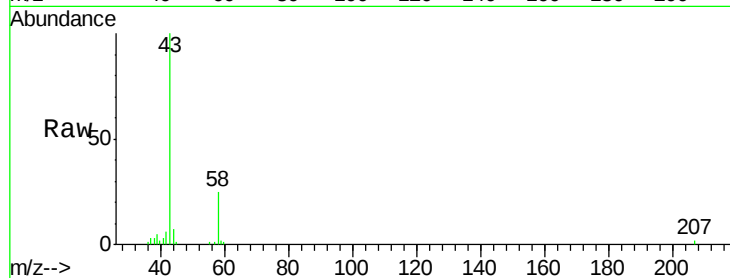
Acq: 25 May 2018 01:26

Tot Ion: 43 Resp: 16758

Ion Ratio Lower Upper

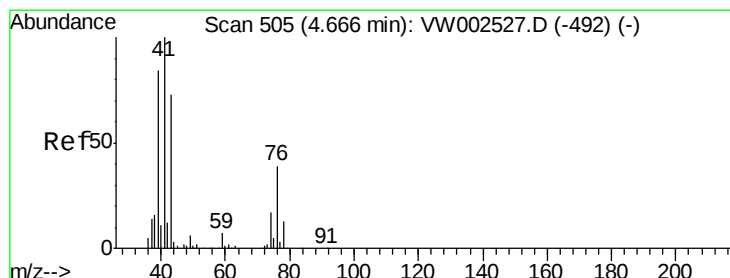
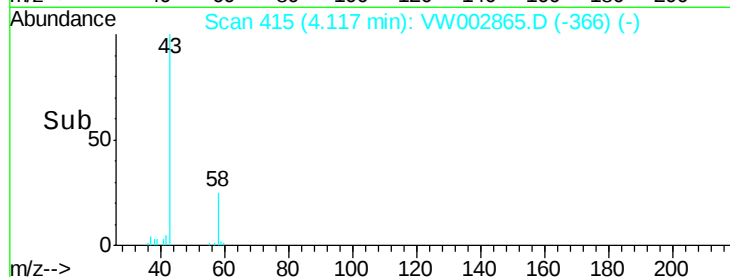
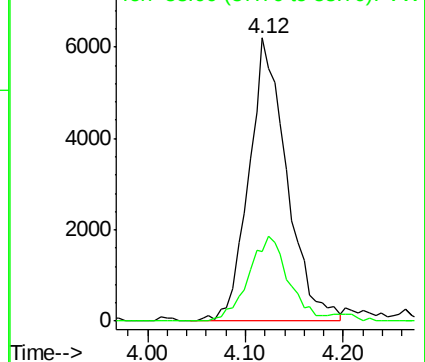
43 100

58 24.6 23.4 35.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: 2.29 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.00 min

Lab File: VW002865.D

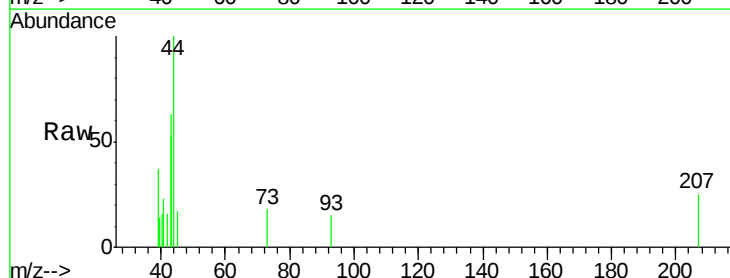
Acq: 25 May 2018 01:26

Tgt Ion: 43 Resp: 1098

Ion Ratio Lower Upper

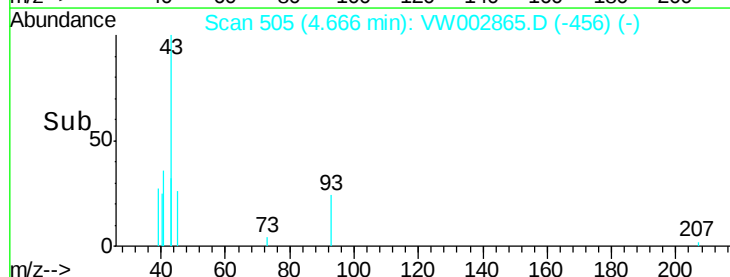
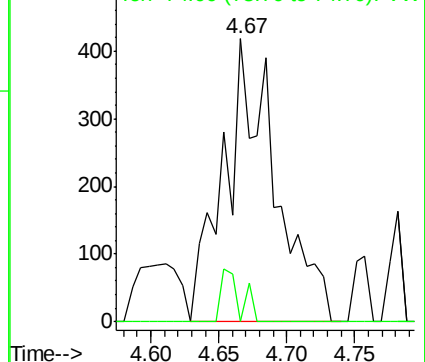
43 100

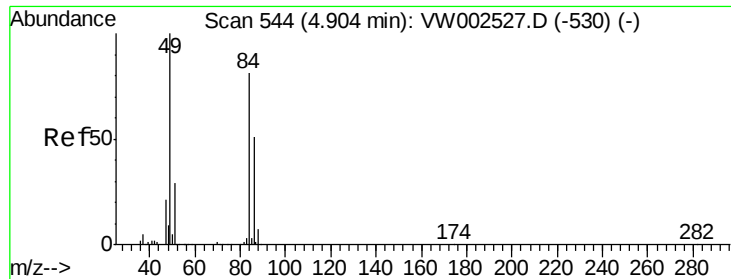
74 6.8 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

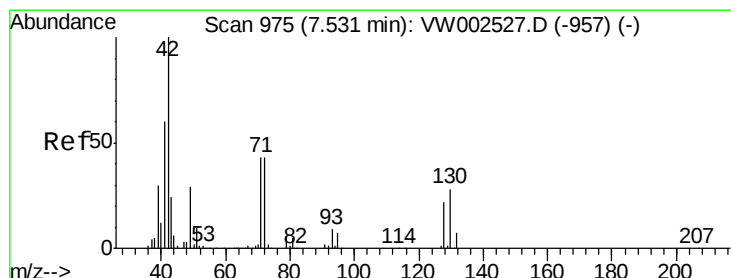
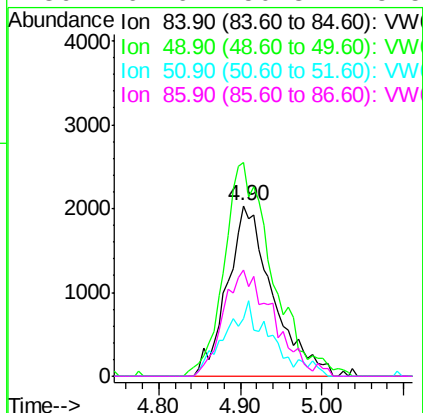
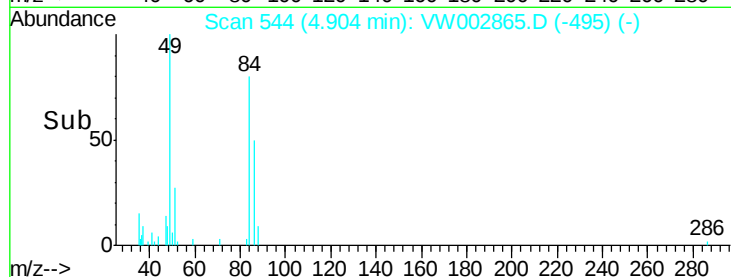
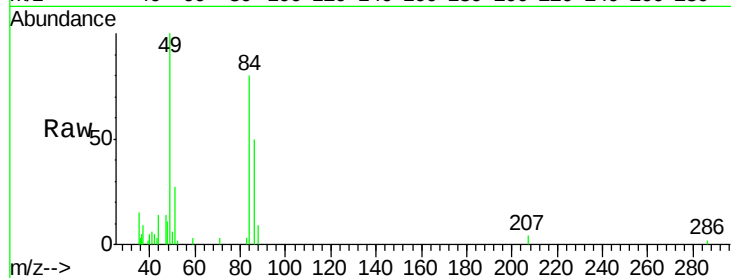
Ion 74.00 (73.70 to 74.70): VW





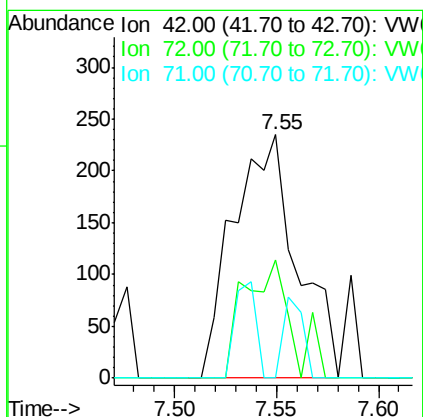
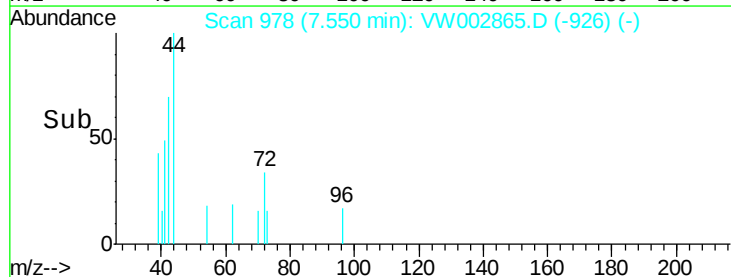
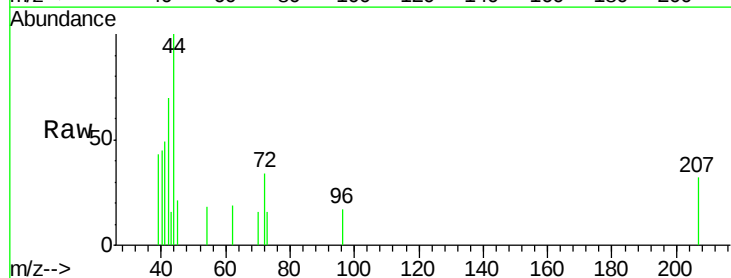
#20
Methvlene Chloride
Concen: 9.79 ug/l
RT: 4.90 min Scan# 544
Delta R.T. 0.00 min
Lab File: VW002865.D
Acq: 25 May 2018 01:26

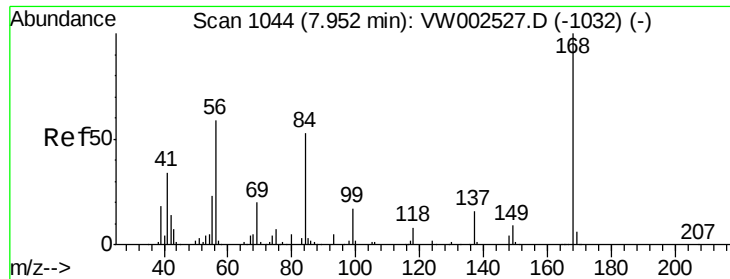
Tot Ion:	84	Resp:	7858
Ion	Ratio	Lower	Upper
84	100		
49	122.3	99.4	149.0
51	34.1	29.0	43.6
86	62.6	50.3	75.5



#29
Tetrahydrofuran
Concen: 3.52 ug/l
RT: 7.55 min Scan# 978
Delta R.T. 0.02 min
Lab File: VW002865.D
Acq: 25 May 2018 01:26

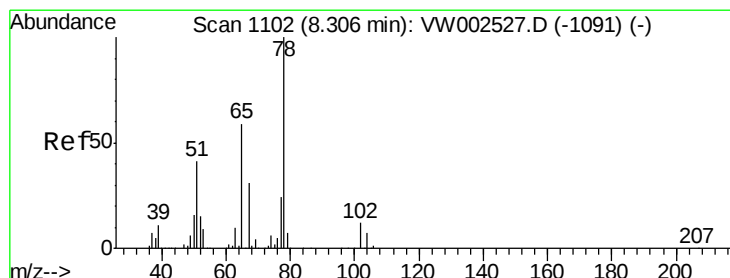
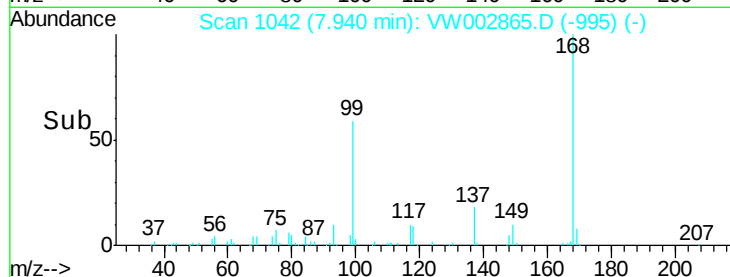
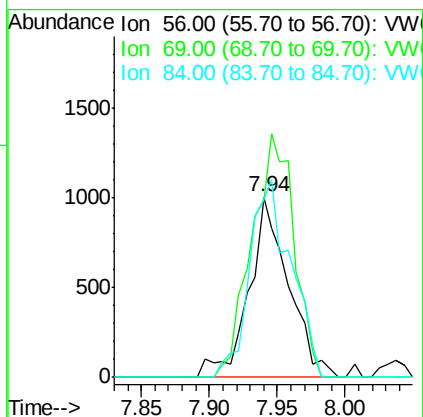
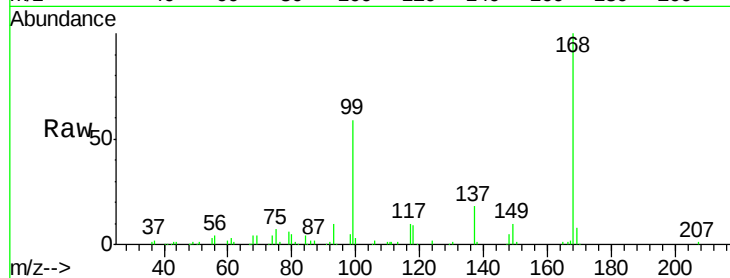
Tgt Ion:	42	Resp:	512
Ion	Ratio	Lower	Upper
42	100		
72	35.5	35.0	52.4
71	10.2	33.0	49.6#





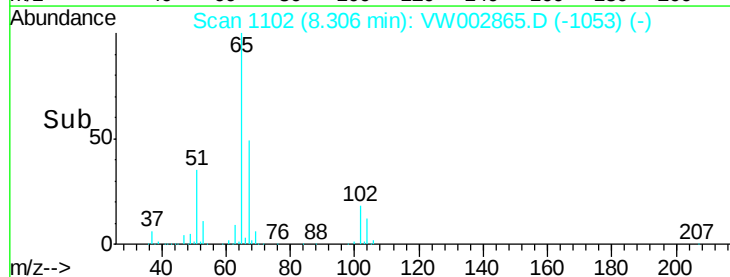
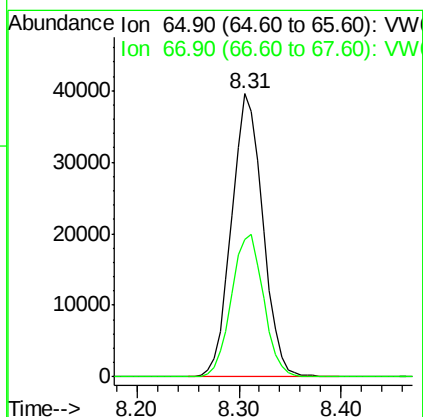
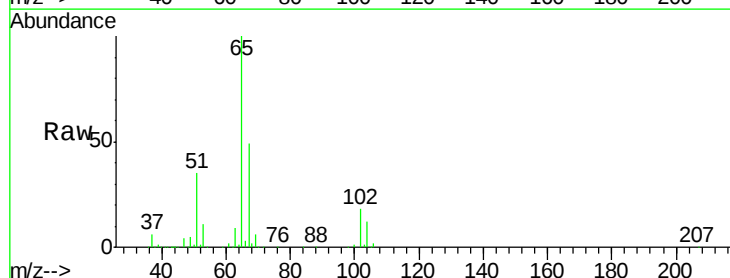
#31
Cyclohexane
Concen: 1.86 ug/l
RT: 7.94 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VW002865.D
Acq: 25 May 2018 01:26

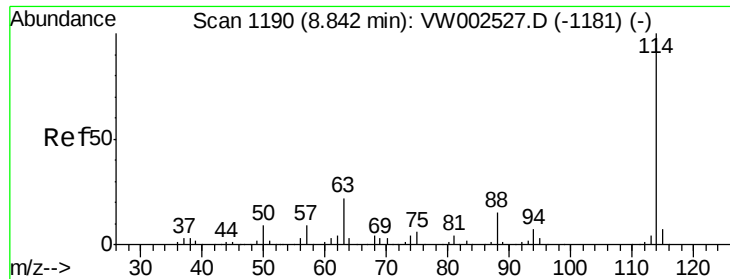
Tot Ion: 56 Resp: 2056
Ion Ratio Lower Upper
56 100
69 98.4 27.0 40.4#
84 99.2 72.2 108.2



#33
1,2-Dichloroethane-d4
Concen: 107.63 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VW002865.D
Acq: 25 May 2018 01:26

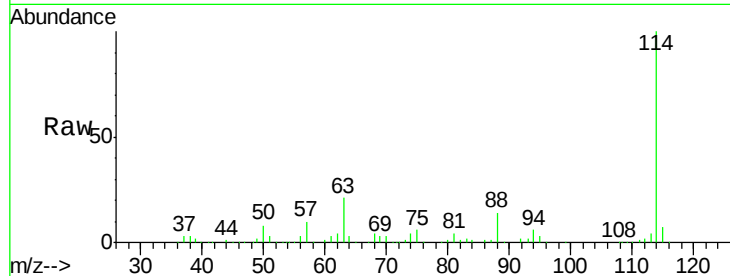
Tgt Ion: 65 Resp: 83924
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.4





#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: VW002865.D
 Acq: 25 May 2018 01:26

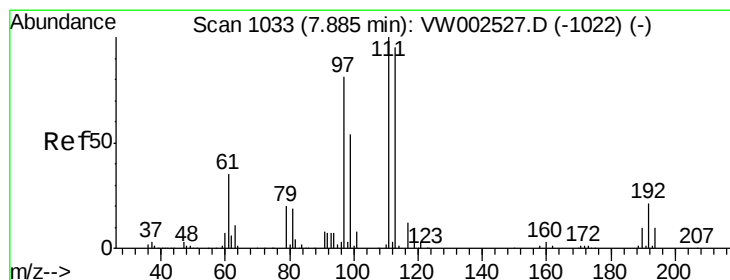
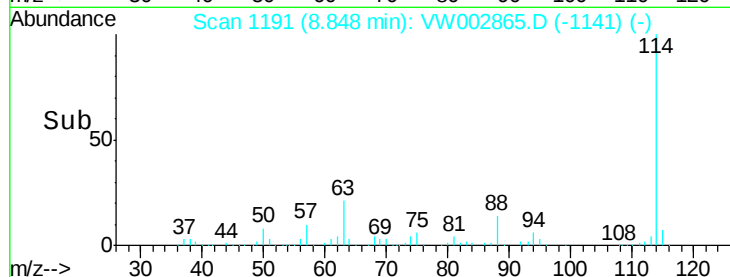
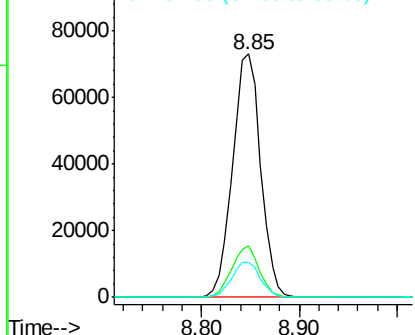
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	43.2
88	14.4	0.0	29.2



Abundance Ion 113.90 (113.60 to 114.60): V

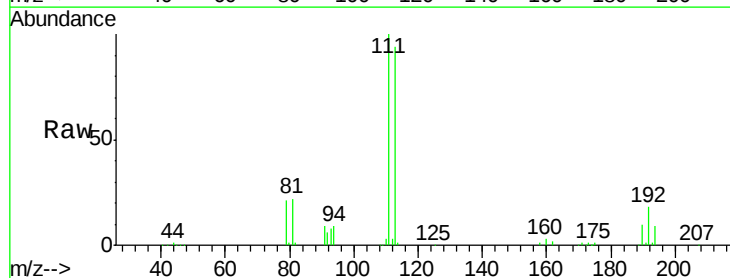
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 81.51 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW002865.D
 Acq: 25 May 2018 01:26

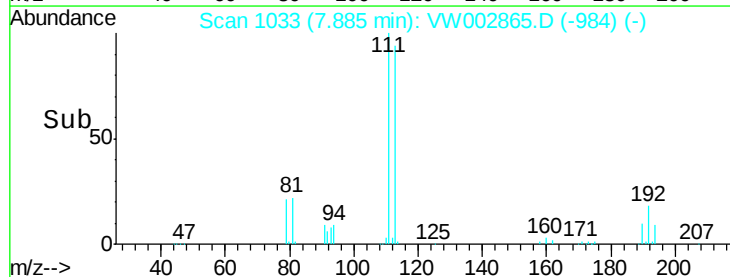
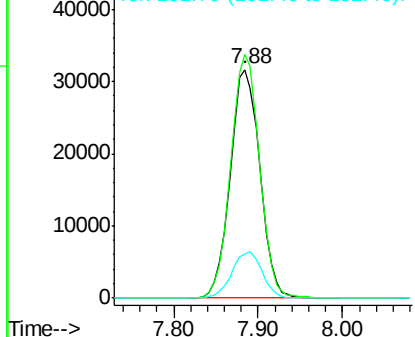
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.8	122.8
192	20.7	17.5	26.3

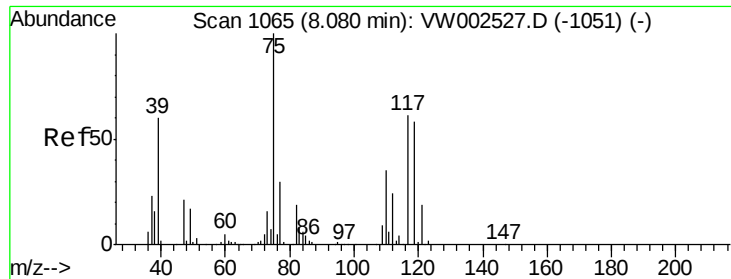


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.55 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW002865.D

Acq: 25 May 2018 01:26

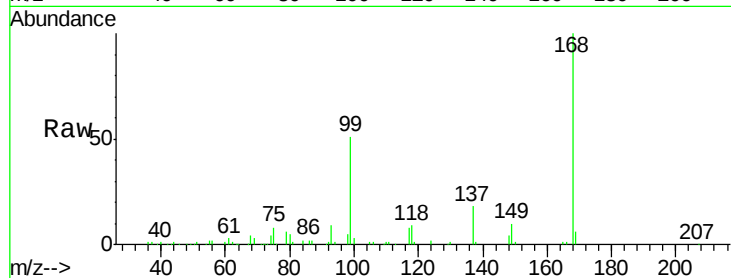
Tot Ion: 75 Resp: 5831

Ion Ratio Lower Upper

75 100

110 8.8 17.8 53.5#

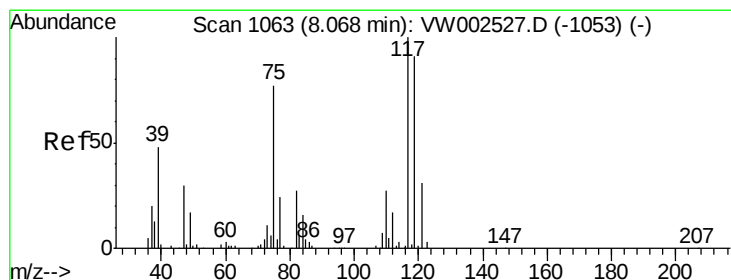
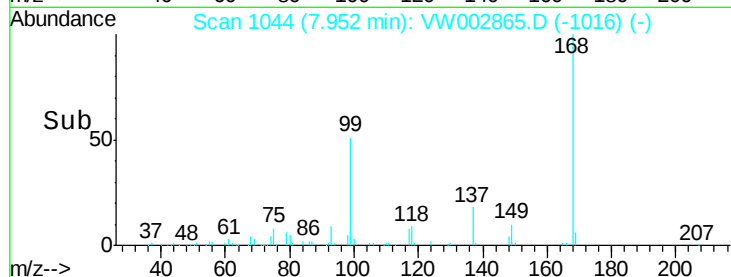
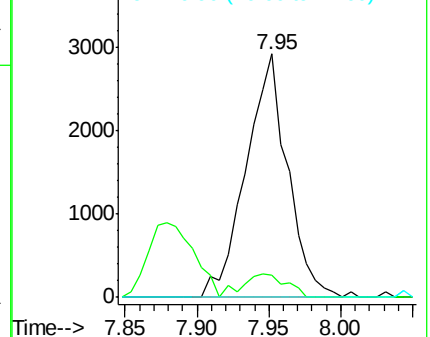
77 0.0 24.5 36.7#



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



#38

Carbon Tetrachloride

Concen: 5.68 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.12 min

Lab File: VW002865.D

Acq: 25 May 2018 01:26

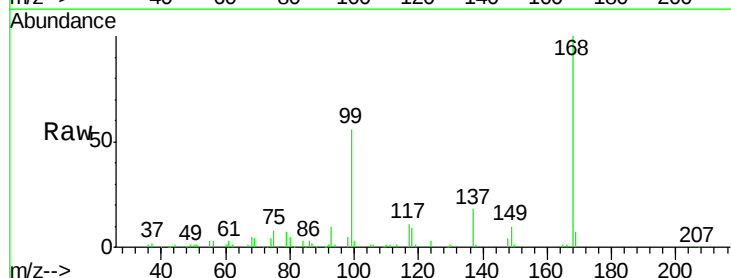
Tgt Ion: 117 Resp: 7141

Ion Ratio Lower Upper

117 100

119 6.5 73.1 109.7#

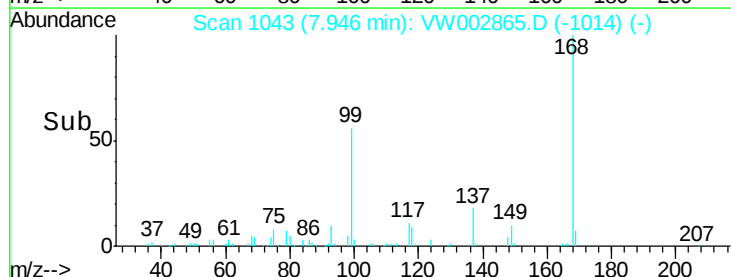
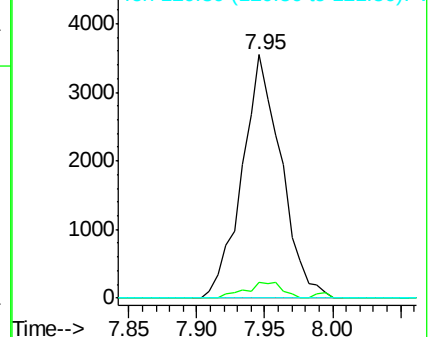
121 0.0 24.4 36.6#

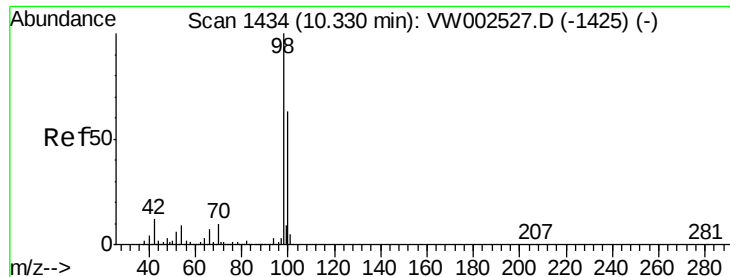


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 50.18 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW002865.D

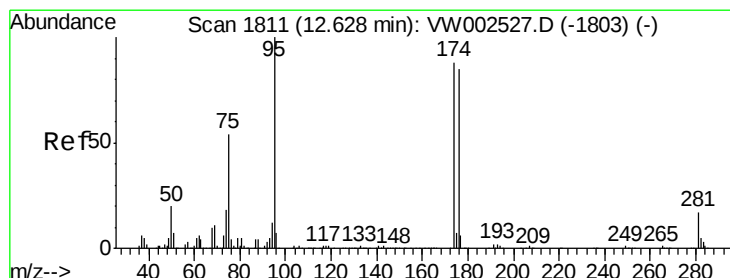
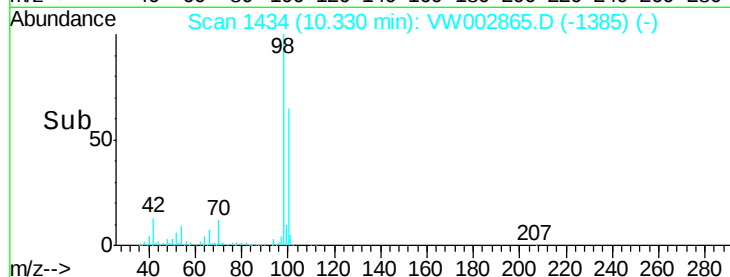
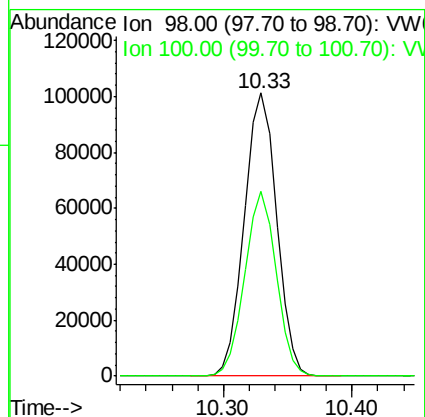
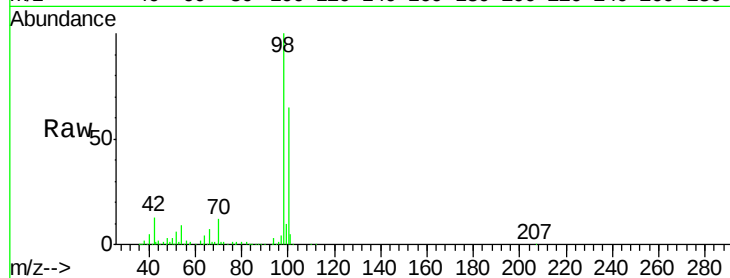
Acq: 25 May 2018 01:26

Tot Ion: 98 Resp: 176078

Ion Ratio Lower Upper

98 100

100 63.2 51.0 76.4



#62

4-Bromofluorobenzene

Concen: 17.43 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW002865.D

Acq: 25 May 2018 01:26

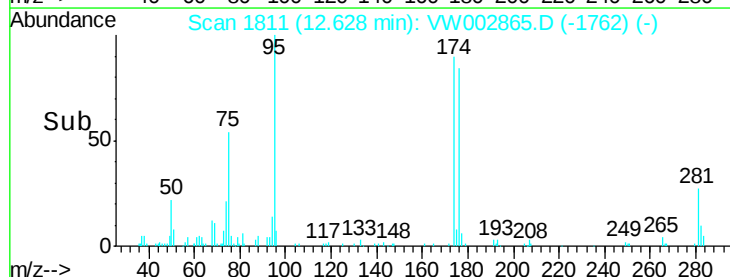
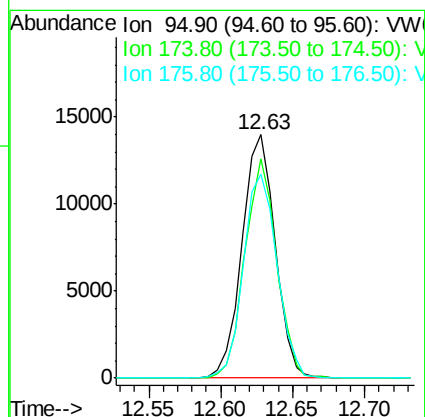
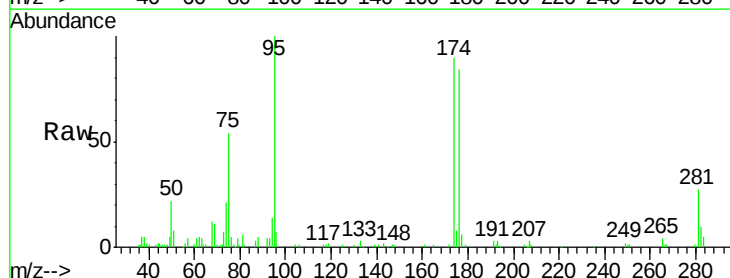
Tgt Ion: 95 Resp: 22358

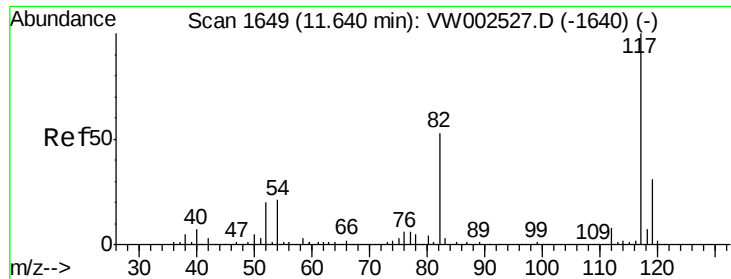
Ion Ratio Lower Upper

95 100

174 85.8 0.0 176.6

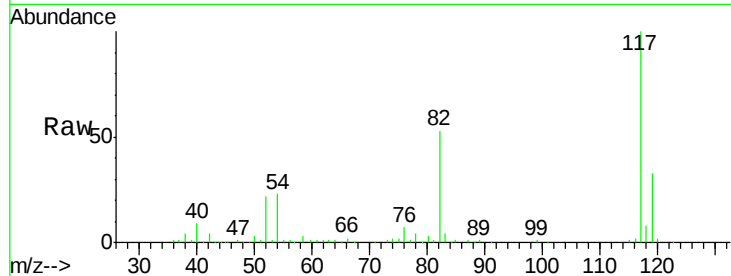
176 84.8 0.0 172.2



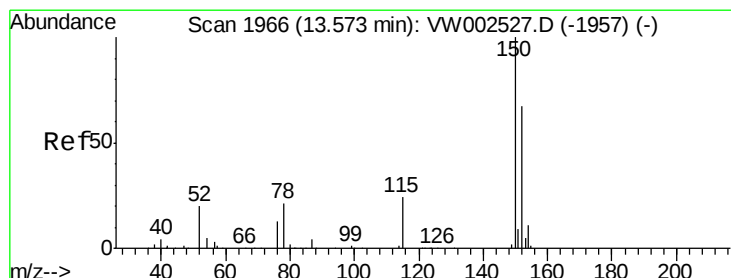
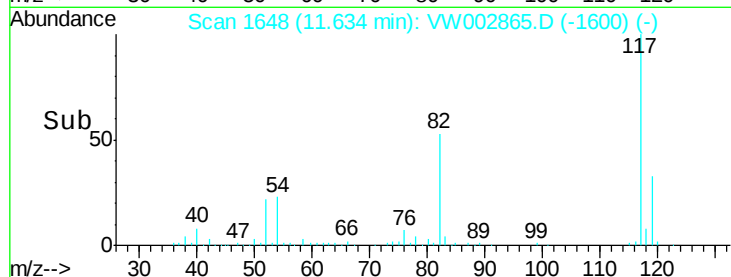
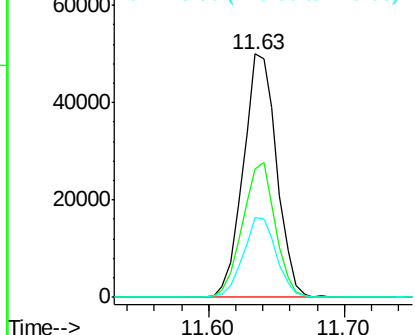


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW002865.D
Acq: 25 May 2018 01:26

Tot Ion:117 Resp: 85837
Ion Ratio Lower Upper
117 100
82 52.5 42.6 64.0
119 32.5 25.0 37.6

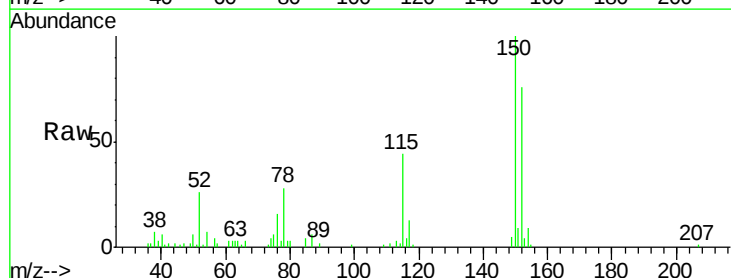


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

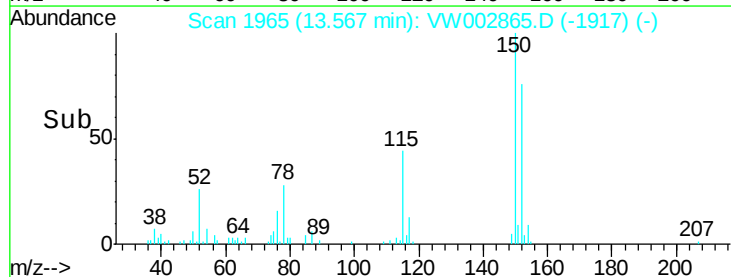
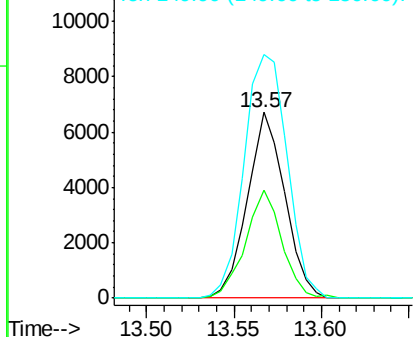


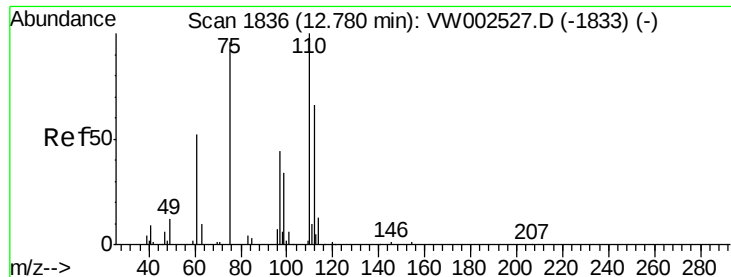
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.01 min
Lab File: VW002865.D
Acq: 25 May 2018 01:26

Tgt Ion:152 Resp: 9991
Ion Ratio Lower Upper
152 100
115 56.6 28.0 84.0
150 150.9 0.0 345.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 126.15 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW002865.D

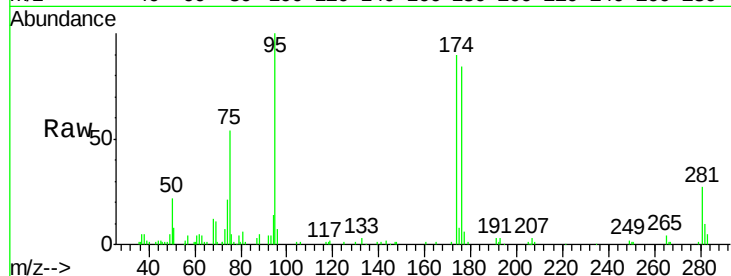
Acq: 25 May 2018 01:26

Tot Ion: 75 Resp: 11914

Ion Ratio Lower Upper

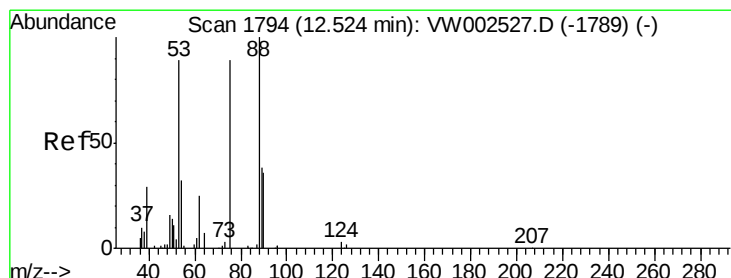
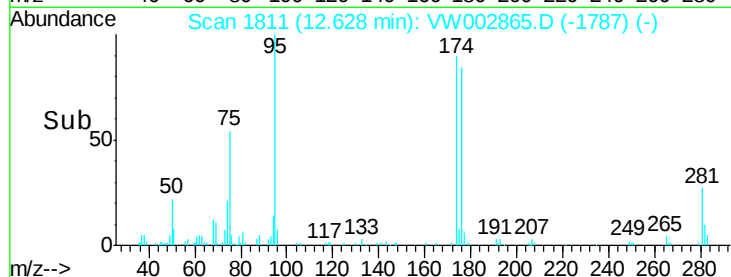
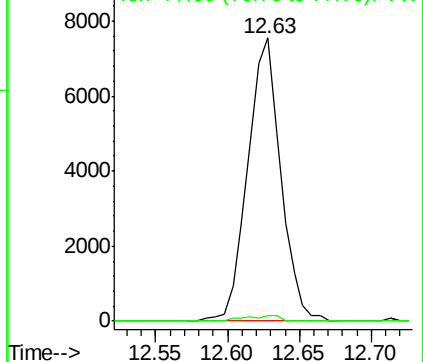
75 100

77 2.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#81

trans-1,4-Dichloro-2-butene

Concen: 343.95 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.10 min

Lab File: VW002865.D

Acq: 25 May 2018 01:26

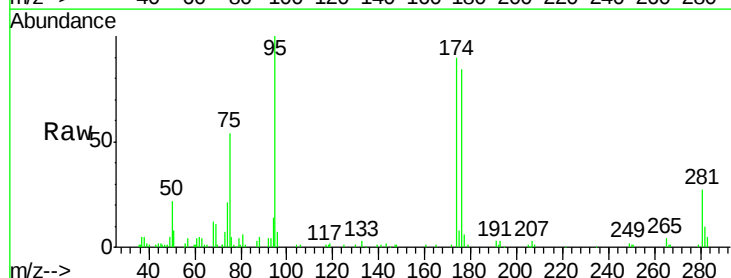
Tgt Ion: 75 Resp: 11914

Ion Ratio Lower Upper

75 100

53 0.2 82.6 124.0#

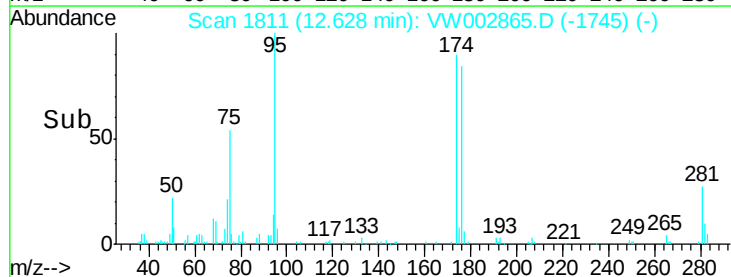
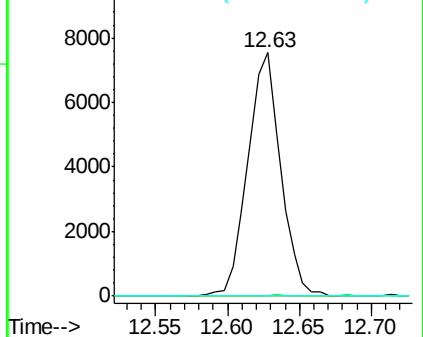
89 0.0 39.2 58.8#

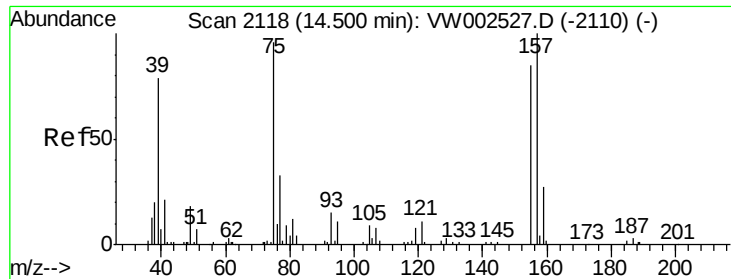


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.00 ug/l
 RT: 14.49 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: VW002865.D
 Acq: 25 May 2018 01:26

Tot Ion	Ratio	Lower	Upper
75	100		
155	0.0	42.8	128.4#
157	0.0	57.4	172.0#

