

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW052518\
 Data File : VW002863.D
 Acq On : 25 May 2018 00:34
 Operator : JC/SY
 Sample : J3024-07
 Misc : 5.20G/10ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: May 25 08:52:19 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	90979	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	161111	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	98908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	13998	50.00	ug/l	0.00

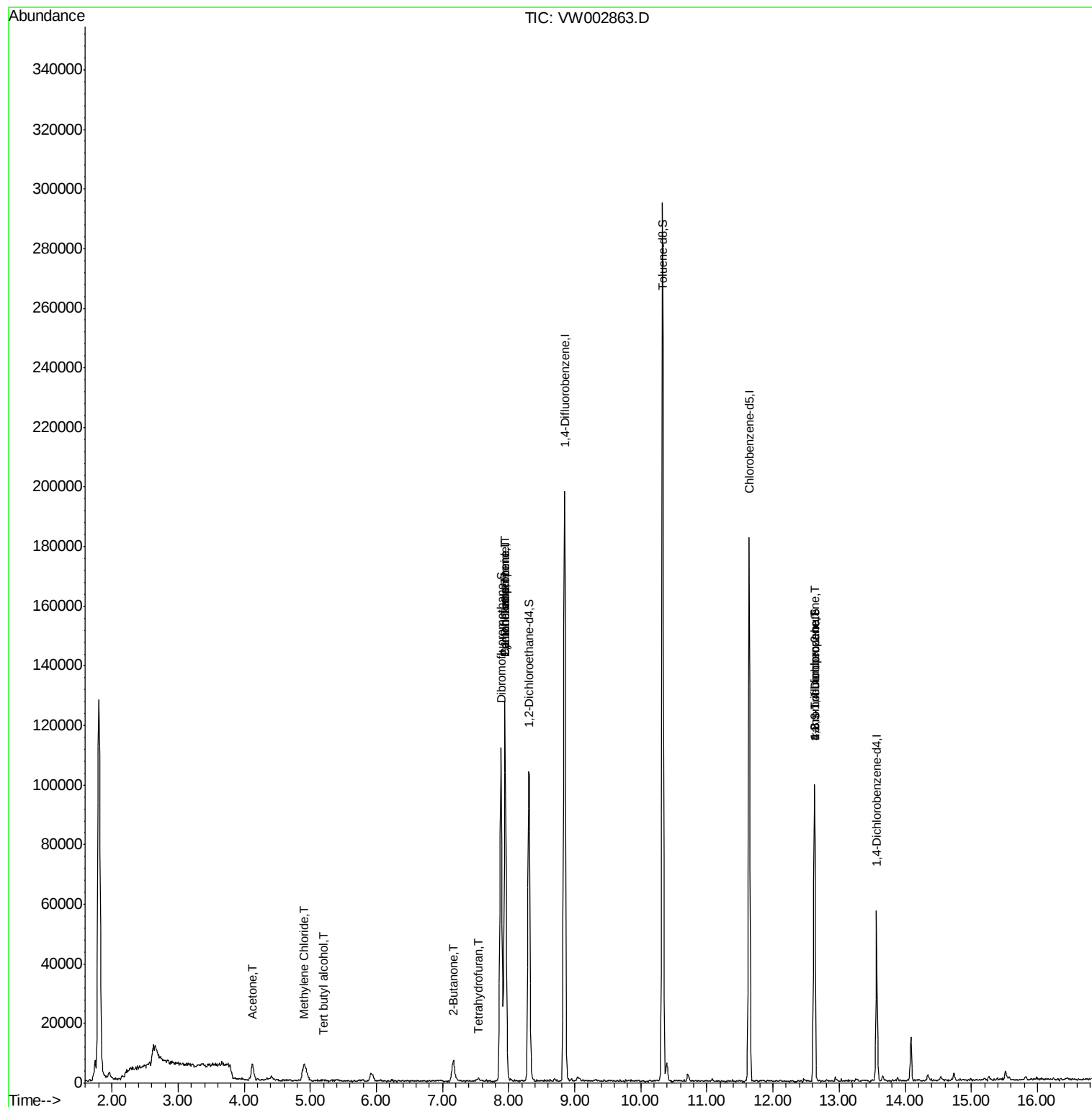
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	83386	88.70	ug/l	0.00
Spiked Amount			Recovery	=	177.40%	
35) Dibromofluoromethane	7.88	113	74514	72.90	ug/l	0.00
Spiked Amount			Recovery	=	145.80%	
50) Toluene-d8	10.33	98	187507	48.22	ug/l	0.00
Spiked Amount			Recovery	=	96.44%	
62) 4-Bromofluorobenzene	12.63	95	25681	18.06	ug/l	0.00
Spiked Amount			Recovery	=	36.12%	

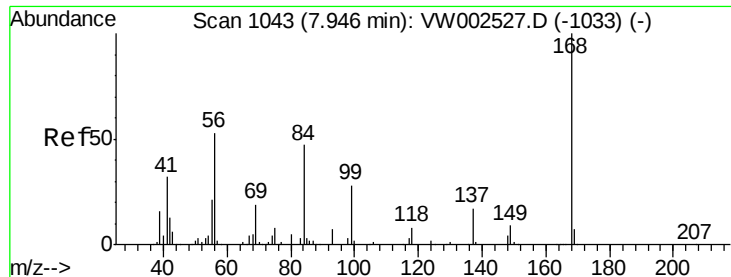
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	179	2.48	ug/l #	72
16) Acetone	4.12	43	9813	49.44	ug/l	93
20) Methylene Chloride	4.90	84	5864	4.95	ug/l #	89
25) 2-Butanone	7.16	43	535	1.91	ug/l #	49
29) Tetrahydrofuran	7.54	42	679	3.87	ug/l #	60
31) Cyclohexane	7.95	56	2286	1.71	ug/l #	34
36) 1,1-Dichloropropene	7.95	75	7289	5.13	ug/l #	48
38) Carbon Tetrachloride	7.95	117	8700	6.25	ug/l #	18
76) 1,2,3-Trichloropropane	12.63	75	14017	105.93	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	14017	288.83	ug/l #	8

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VW002863.D

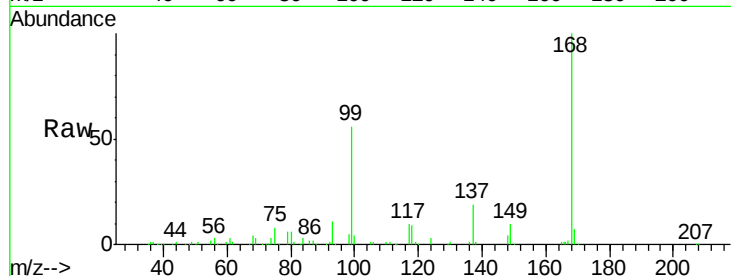
Acq: 25 May 2018 00:34

Tot Ion:168 Resp: 90979

Ion Ratio Lower Upper

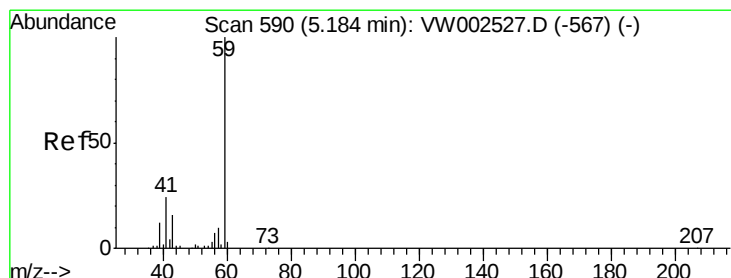
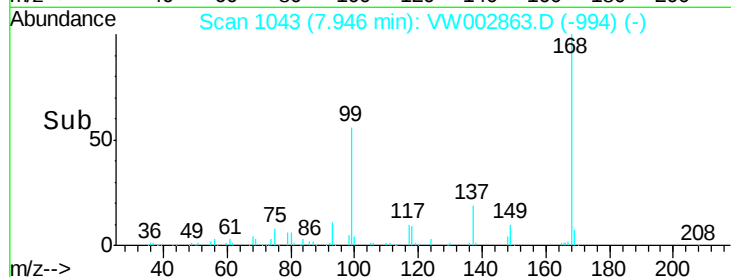
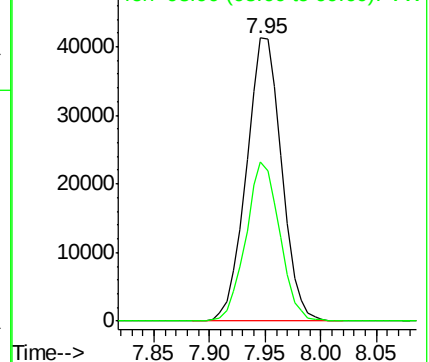
168 100

99 56.5 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.48 ug/l

RT: 5.20 min Scan# 592

Delta R.T. 0.01 min

Lab File: VW002863.D

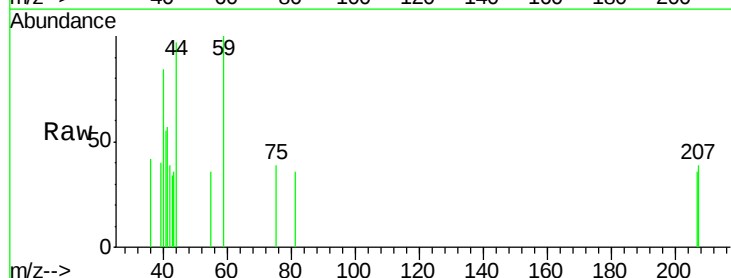
Acq: 25 May 2018 00:34

Tgt Ion: 59 Resp: 179

Ion Ratio Lower Upper

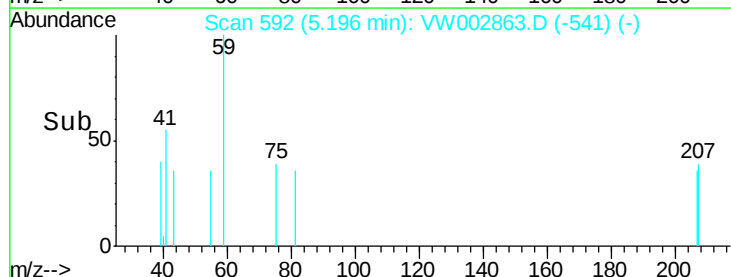
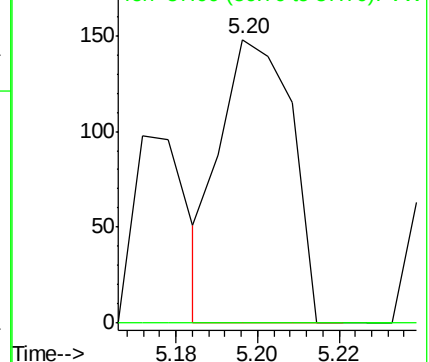
59 100

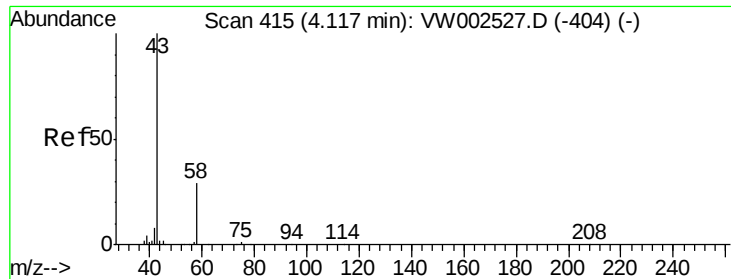
57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 49.44 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

Lab File: VW002863.D

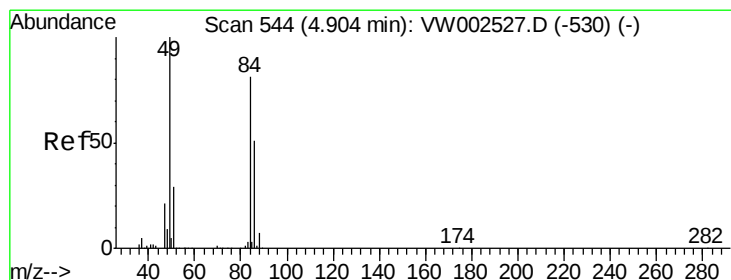
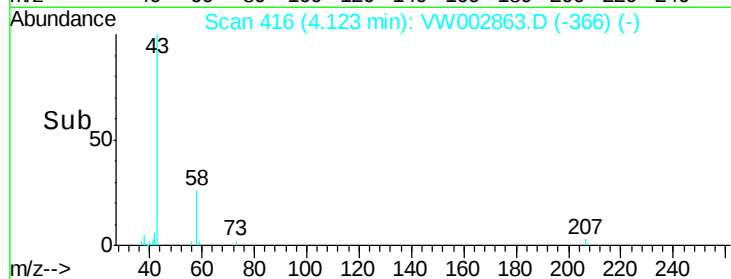
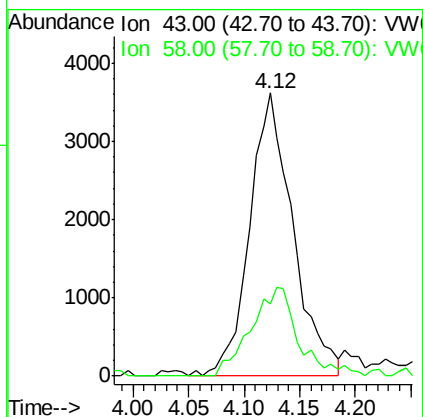
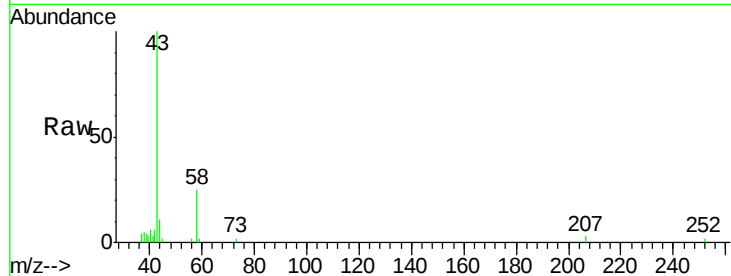
Acq: 25 May 2018 00:34

Tot Ion: 43 Resp: 9813

Ion Ratio Lower Upper

43 100

58 25.3 23.4 35.0



#20

Methylene Chloride

Concen: 4.95 ug/l

RT: 4.90 min Scan# 544

Delta R.T. 0.00 min

Lab File: VW002863.D

Acq: 25 May 2018 00:34

Tgt Ion: 84 Resp: 5864

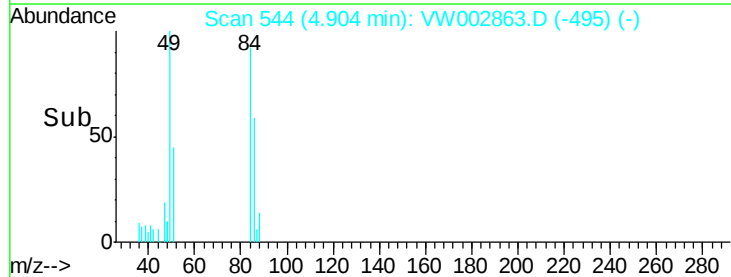
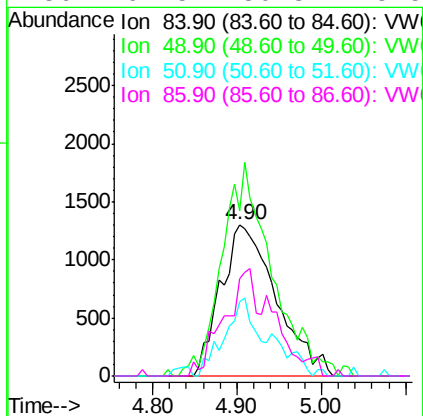
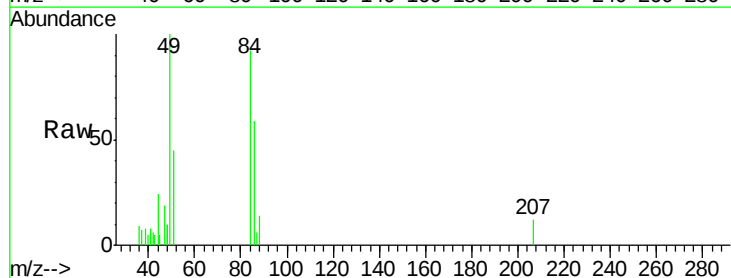
Ion Ratio Lower Upper

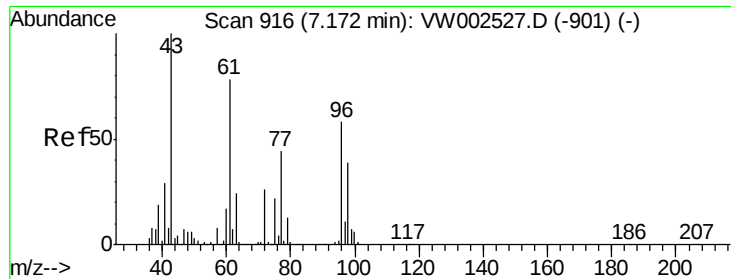
84 100

49 109.1 99.4 149.0

51 48.9 29.0 43.6#

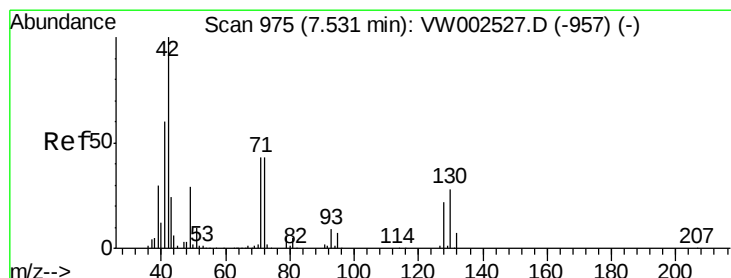
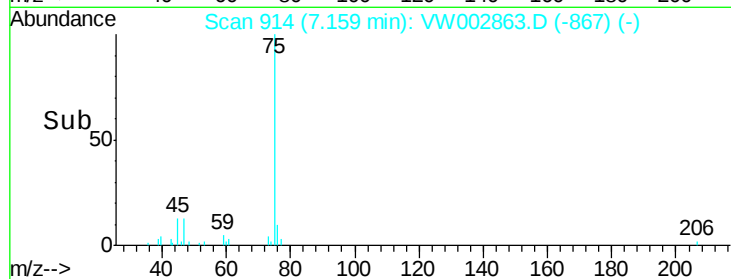
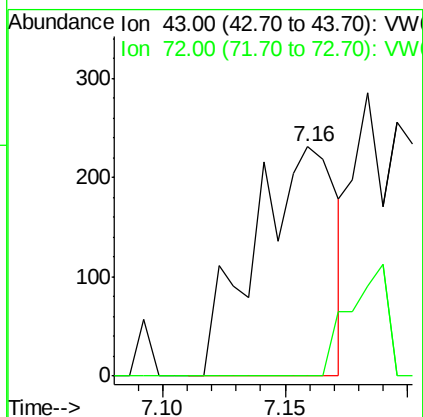
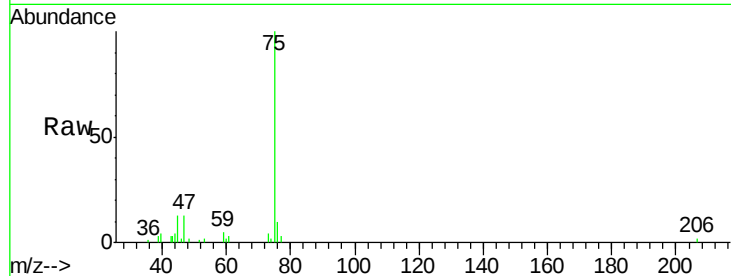
86 64.5 50.3 75.5





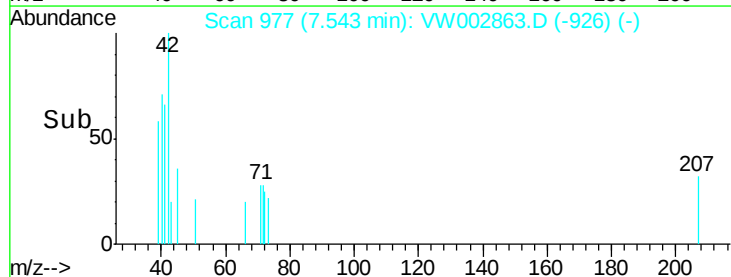
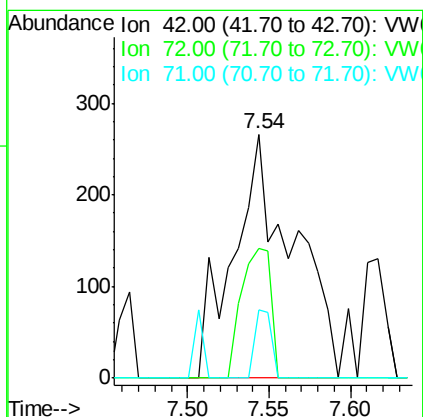
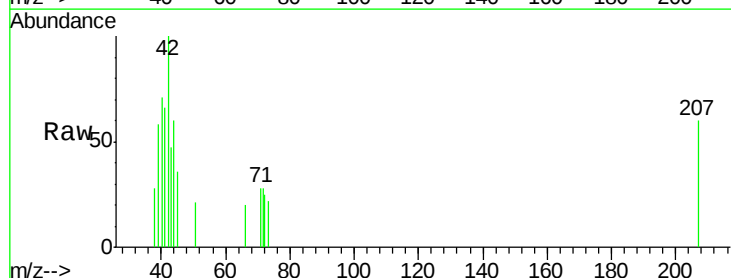
#25
2-Butanone
Concen: 1.91 ug/l
RT: 7.16 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW002863.D
Acq: 25 May 2018 00:34

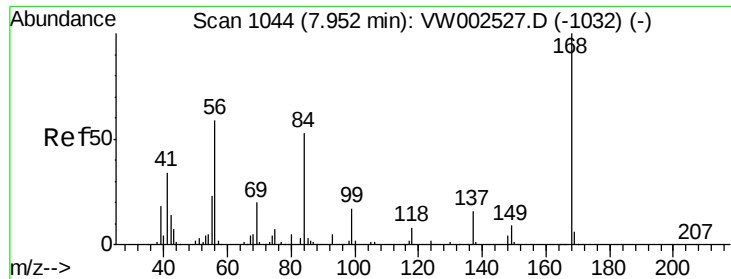
Tot Ion: 43 Resp: 535
Ion Ratio Lower Upper
43 100
72 0.0 20.9 31.3#



#29
Tetrahydrofuran
Concen: 3.87 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW002863.D
Acq: 25 May 2018 00:34

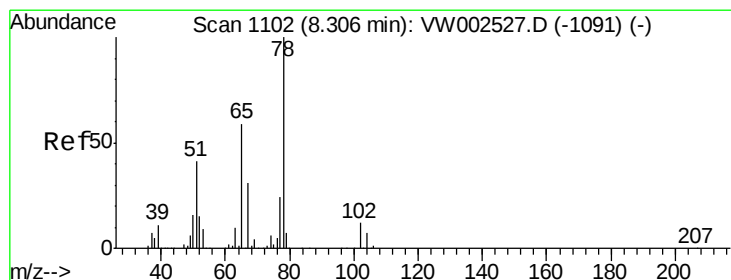
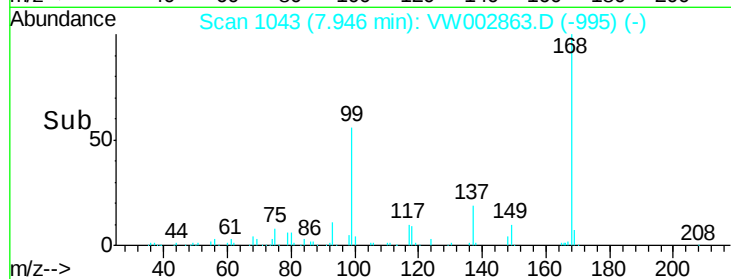
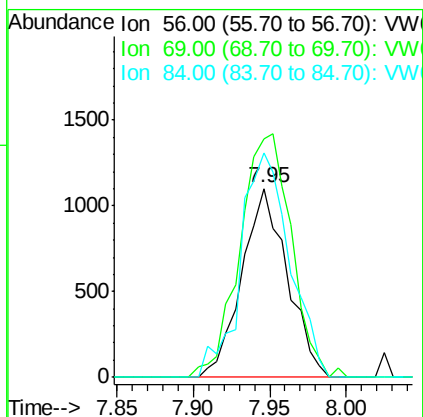
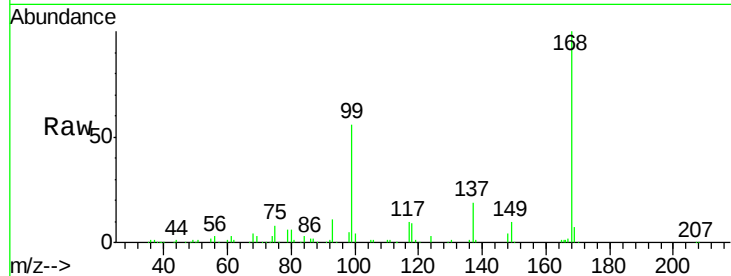
Tgt Ion: 42 Resp: 679
Ion Ratio Lower Upper
42 100
72 26.2 35.0 52.4#
71 7.8 33.0 49.6#





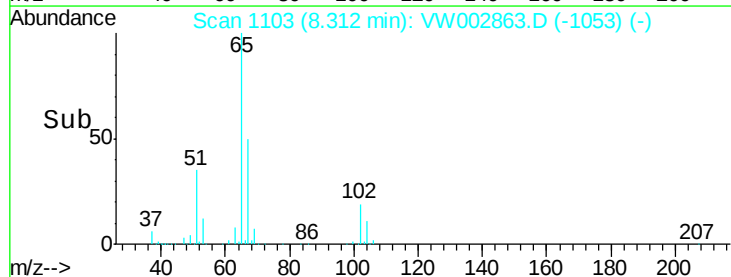
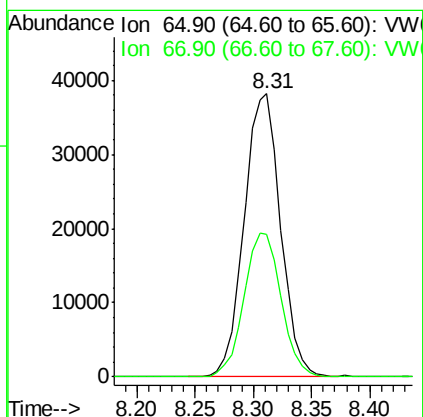
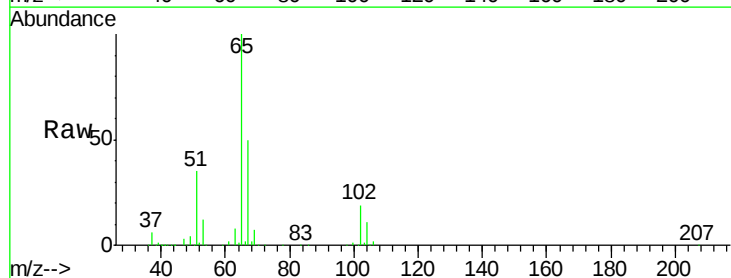
#31
Cyclohexane
Concen: 1.71 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW002863.D
Acq: 25 May 2018 00:34

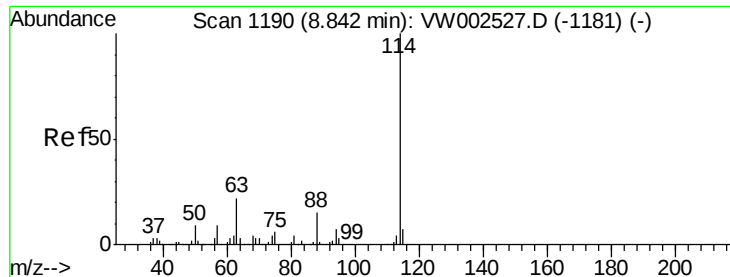
Tot Ion: 56 Resp: 2286
Ion Ratio Lower Upper
56 100
69 126.2 27.0 40.4#
84 118.7 72.2 108.2#



#33
1,2-Dichloroethane-d4
Concen: 88.70 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VW002863.D
Acq: 25 May 2018 00:34

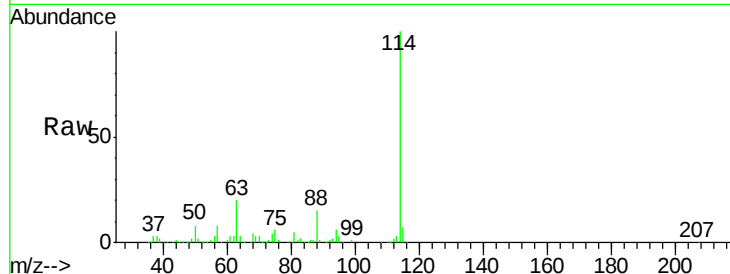
Tgt Ion: 65 Resp: 83386
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.4





#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: VW002863.D
 Acq: 25 May 2018 00:34

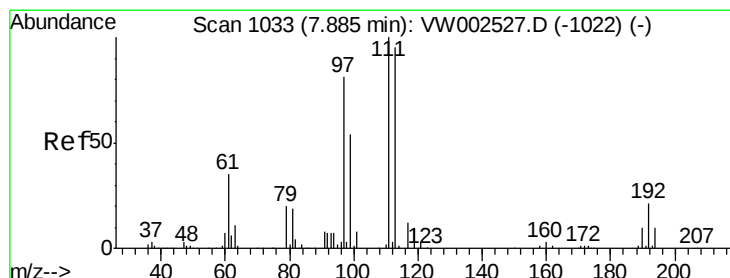
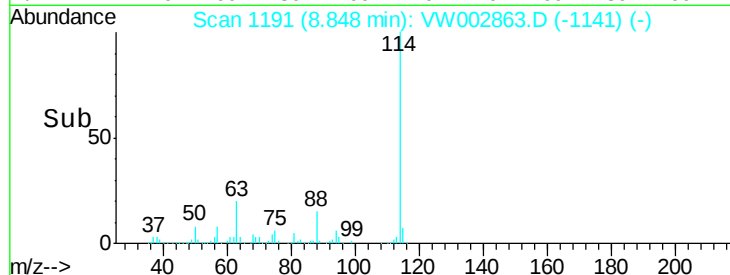
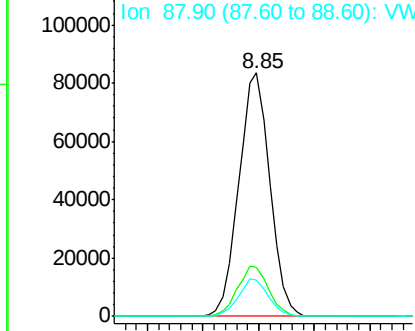
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	43.2
88	14.7	0.0	29.2



Abundance Ion 113.90 (113.60 to 114.60): V

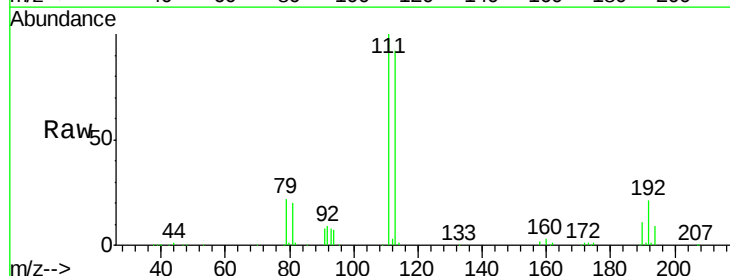
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 72.90 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002863.D
 Acq: 25 May 2018 00:34

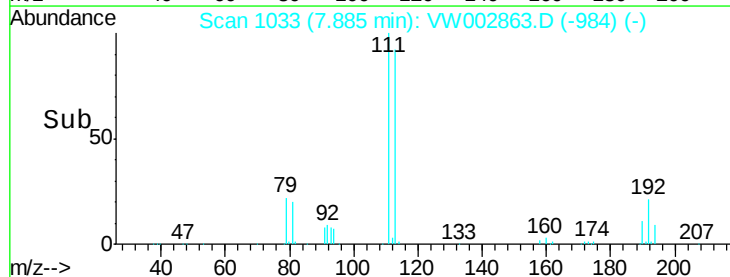
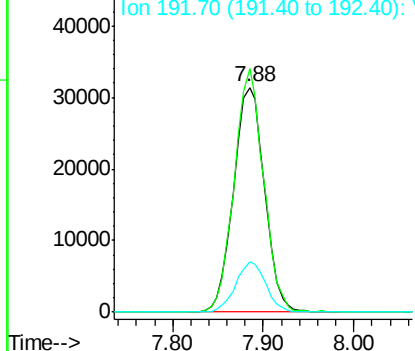
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.8	122.8
192	21.8	17.5	26.3

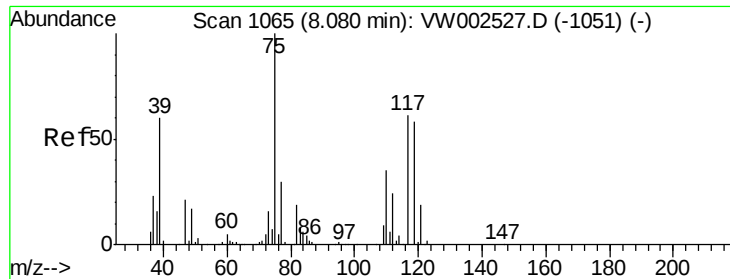


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.13 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.13 min

Lab File: VW002863.D

Acq: 25 May 2018 00:34

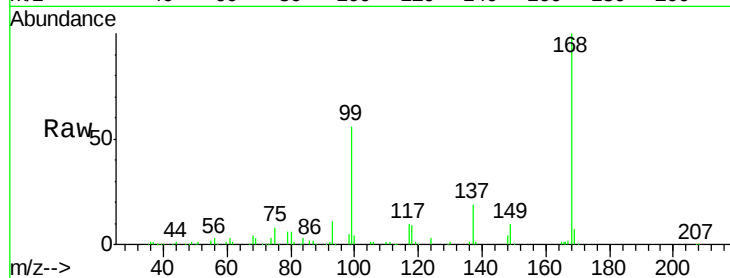
Tot Ion: 75 Resp: 7289

Ion Ratio Lower Upper

75 100

110 7.7 17.8 53.5#

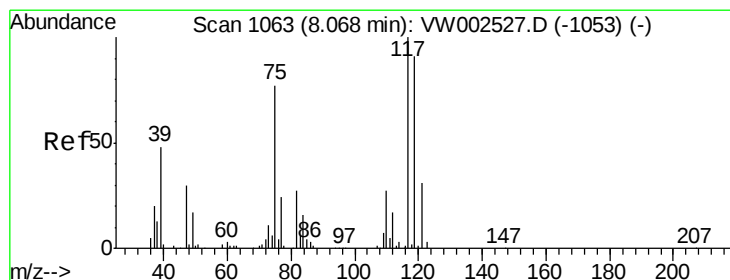
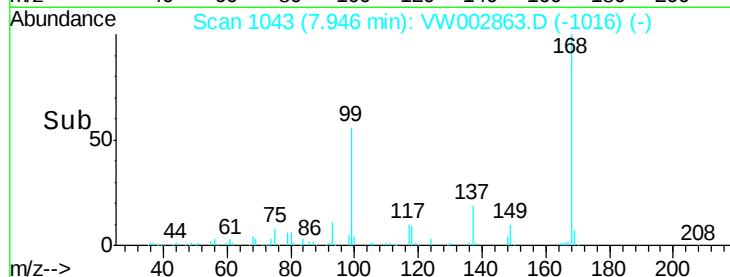
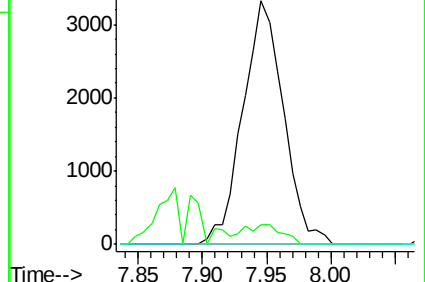
77 0.0 24.5 36.7#



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: 6.25 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.12 min

Lab File: VW002863.D

Acq: 25 May 2018 00:34

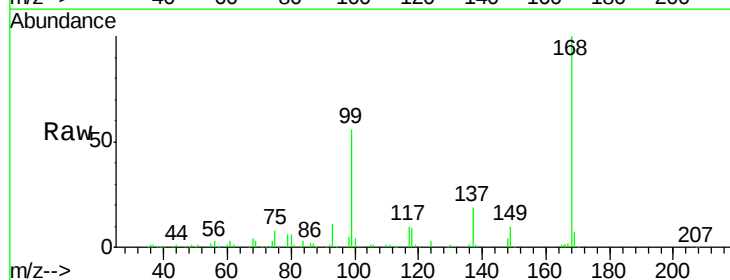
Tgt Ion: 117 Resp: 8700

Ion Ratio Lower Upper

117 100

119 5.3 73.1 109.7#

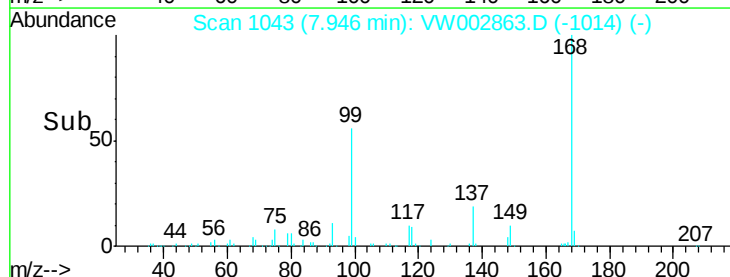
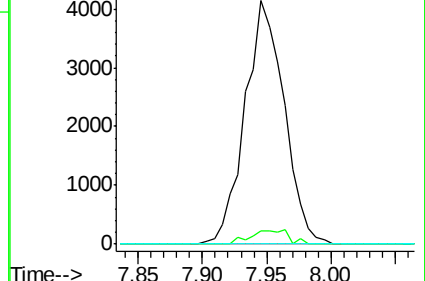
121 0.0 24.4 36.6#

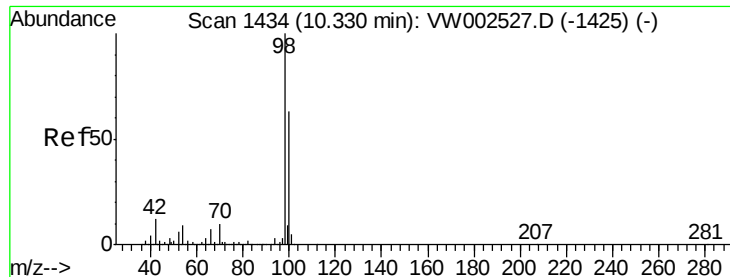


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 48.22 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002863.D

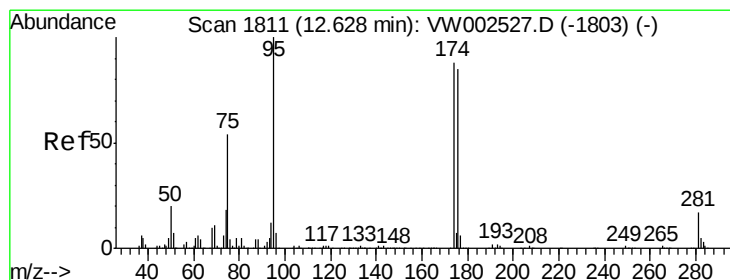
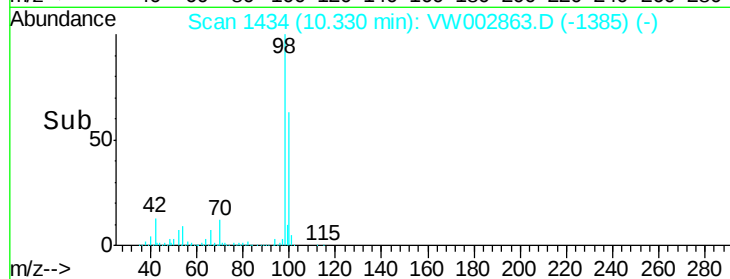
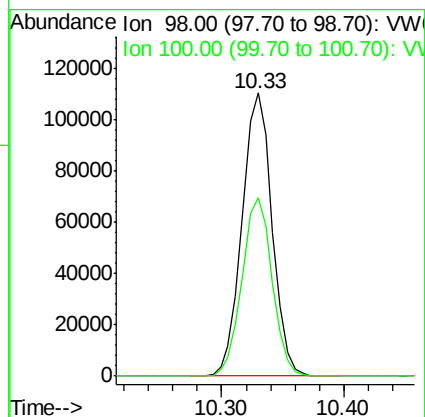
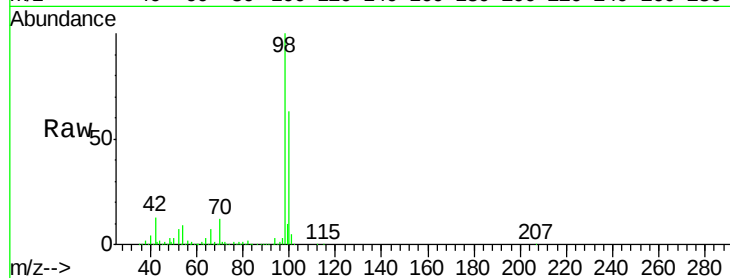
Acq: 25 May 2018 00:34

Tot Ion: 98 Resp: 187507

Ion Ratio Lower Upper

98 100

100 63.3 51.0 76.4



#62

4-Bromofluorobenzene

Concen: 18.06 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002863.D

Acq: 25 May 2018 00:34

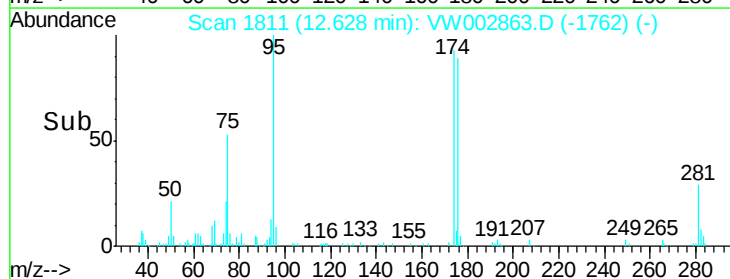
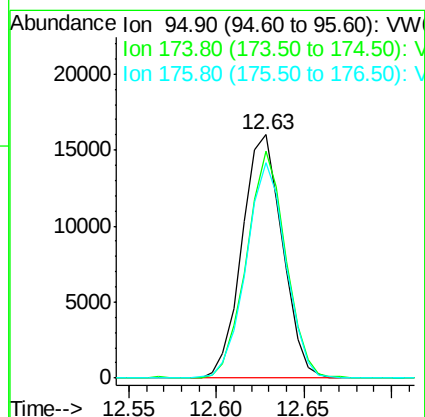
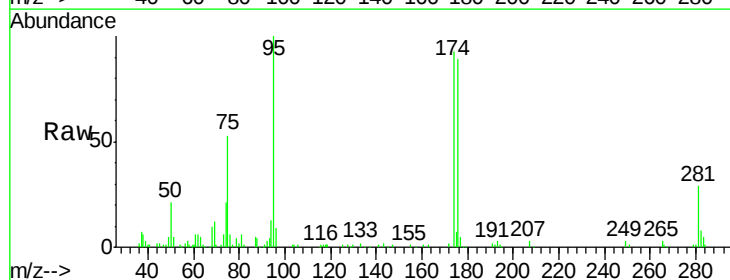
Tgt Ion: 95 Resp: 25681

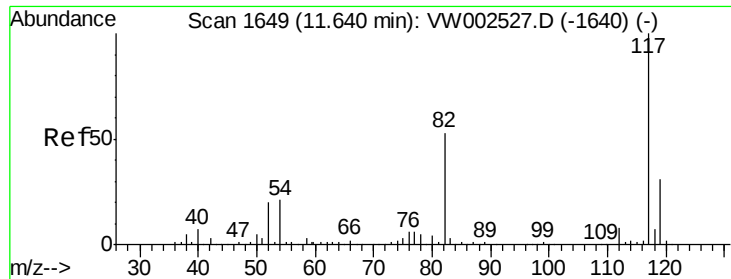
Ion Ratio Lower Upper

95 100

174 90.7 0.0 176.6

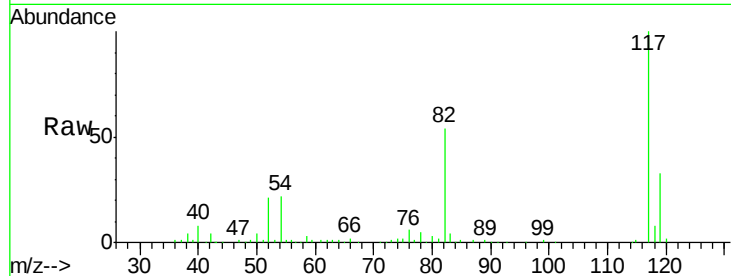
176 87.0 0.0 172.2



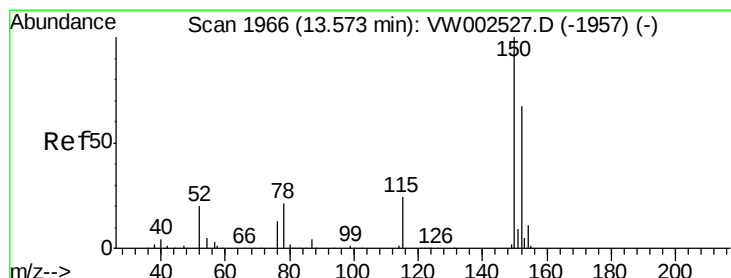
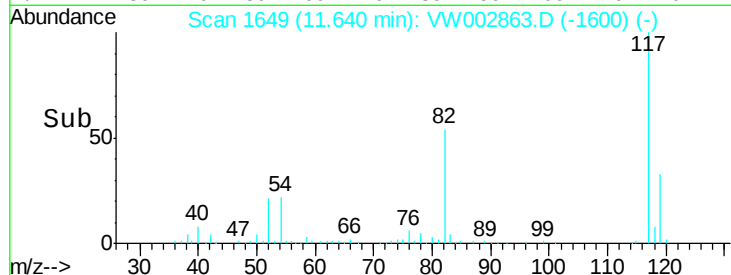
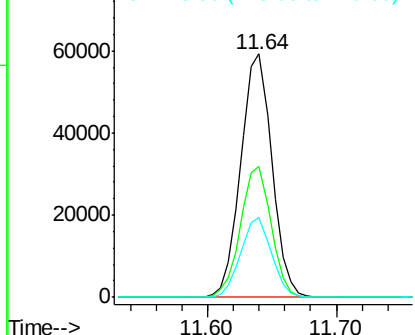


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002863.D
Acq: 25 May 2018 00:34

Tot Ion:117 Resp: 98908
Ion Ratio Lower Upper
117 100
82 54.0 42.6 64.0
119 32.6 25.0 37.6

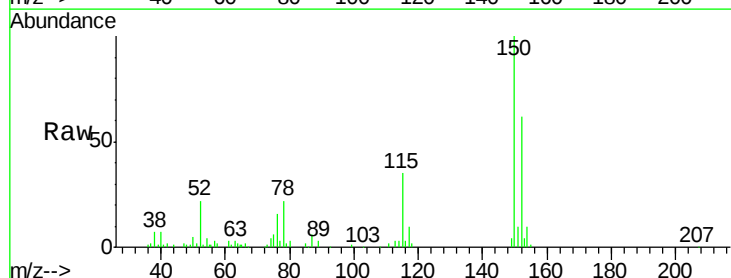


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

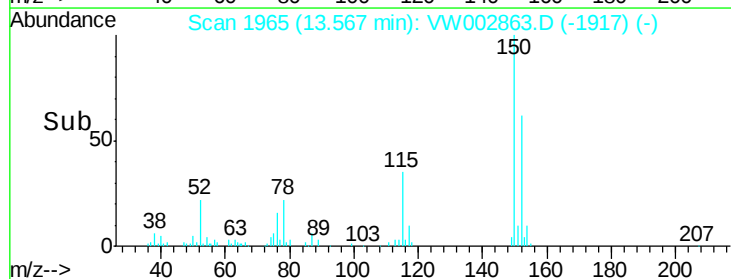
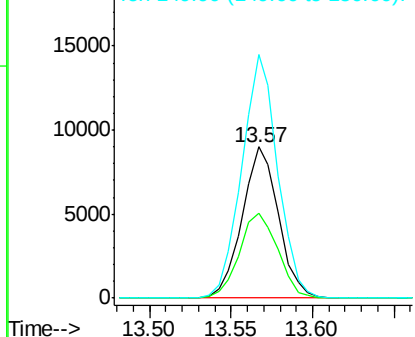


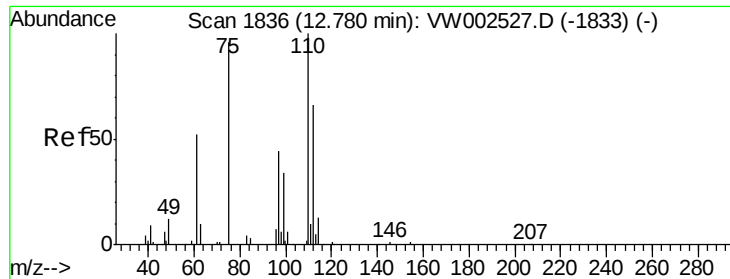
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.01 min
Lab File: VW002863.D
Acq: 25 May 2018 00:34

Tgt Ion:152 Resp: 13998
Ion Ratio Lower Upper
152 100
115 59.2 28.0 84.0
150 158.7 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: 105.93 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW002863.D

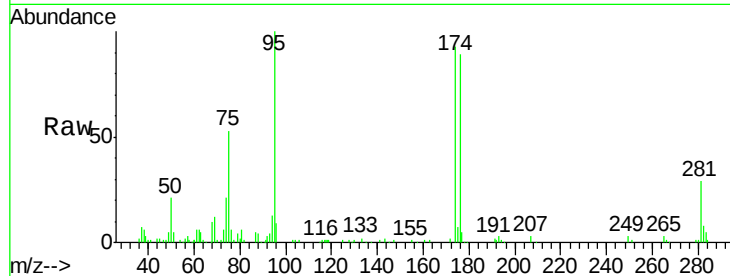
Acq: 25 May 2018 00:34

Tot Ion: 75 Resp: 14017

Ion Ratio Lower Upper

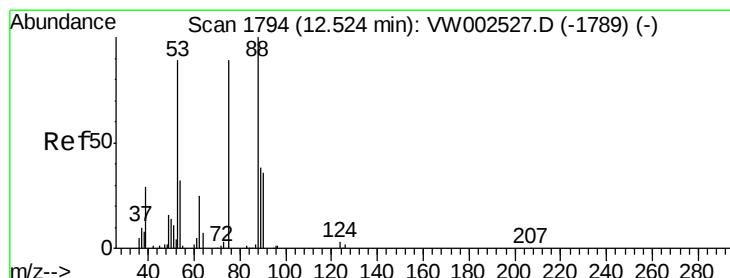
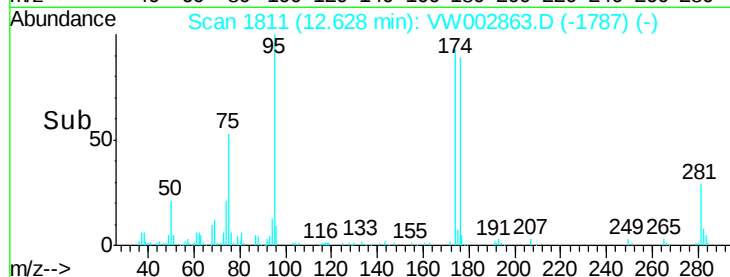
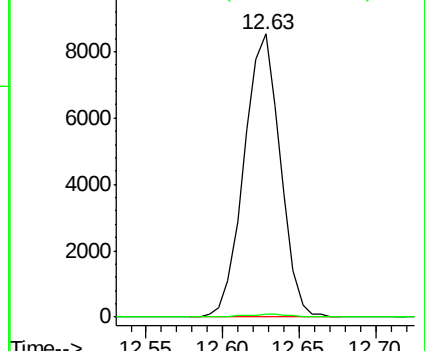
75 100

77 1.3 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: 288.83 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.10 min

Lab File: VW002863.D

Acq: 25 May 2018 00:34

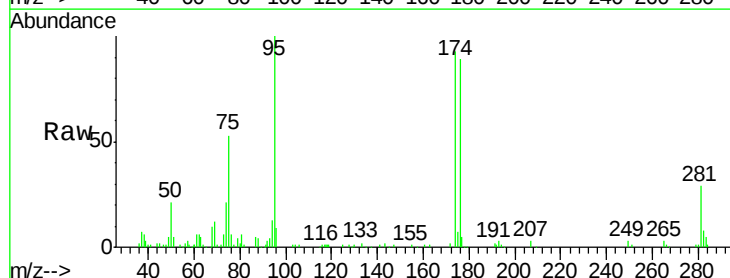
Tgt Ion: 75 Resp: 14017

Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.3 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

