

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052518\
 Data File : VW002878.D
 Acq On : 25 May 2018 17:25
 Operator : JC/SY
 Sample : J3078-07
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 26 00:40:41 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	114475	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	207069	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	171235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	68912	50.00	ug/l	0.00

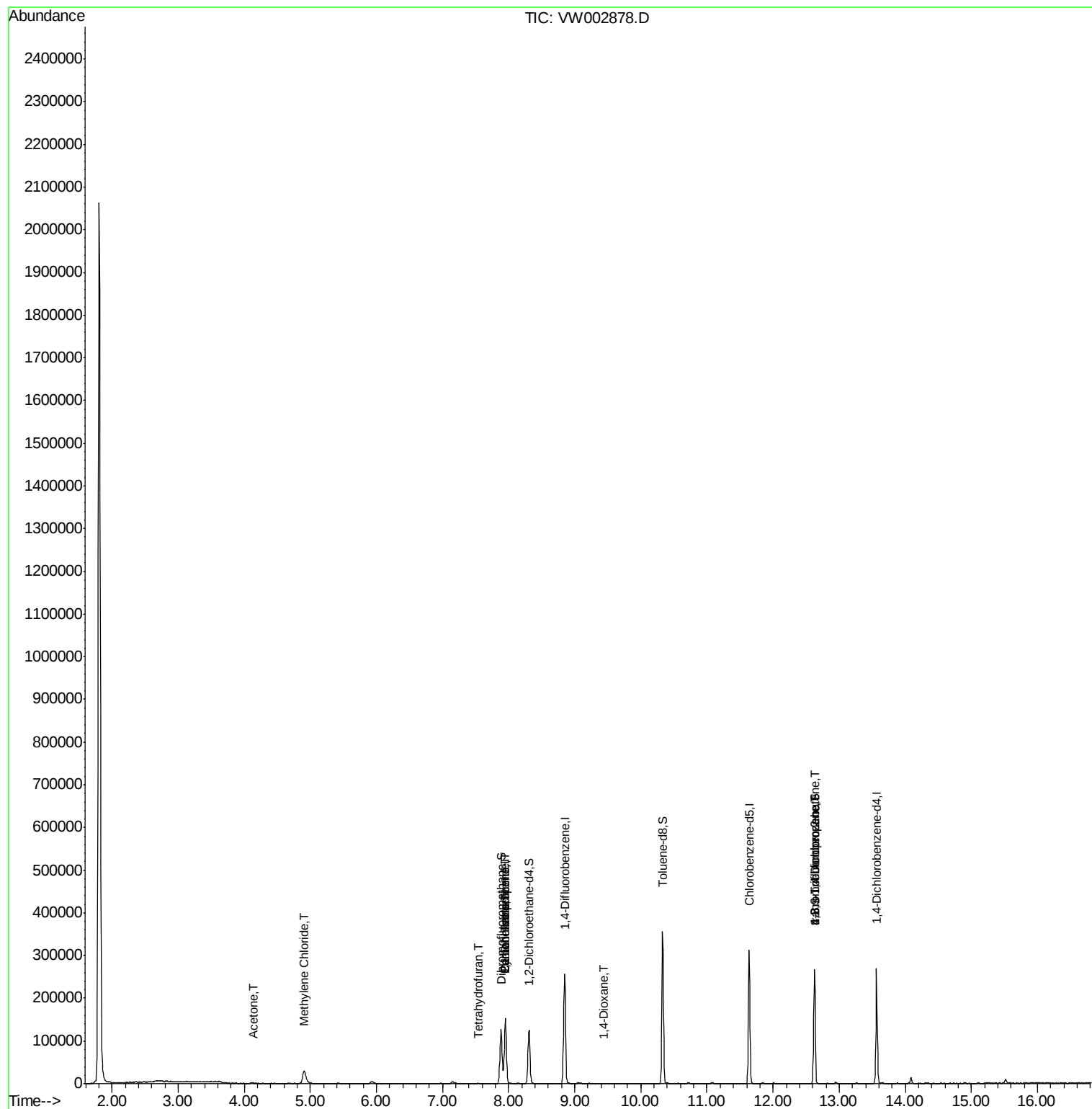
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	99765	84.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	168.68%	
35) Dibromofluoromethane	7.88	113	87524	66.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	133.26%	
50) Toluene-d8	10.33	98	223975	44.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.62%	
62) 4-Bromofluorobenzene	12.63	95	75998	41.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.18%	

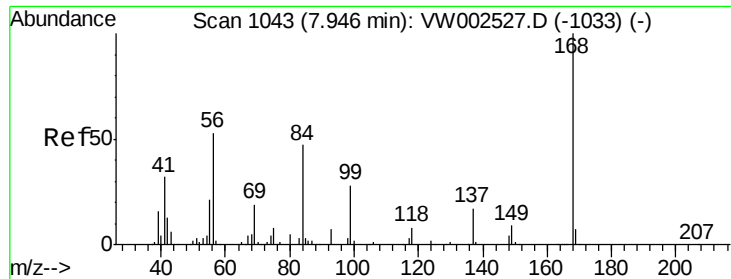
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	682	2.73	ug/l #	78
20) Methylene Chloride	4.91	84	24953	23.67	ug/l	98
29) Tetrahydrofuran	7.54	42	235	1.07	ug/l #	46
31) Cyclohexane	7.95	56	2645	1.57	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	8890	4.87	ug/l #	50
38) Carbon Tetrachloride	7.95	117	11244	6.28	ug/l #	17
49) 1,4-Dioxane	9.44	88	25	1.97	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	39306	60.34	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	39306	164.52	ug/l #	8

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

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QLast Update : Tue May 15 03:32:11 2018
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: VW002878.D

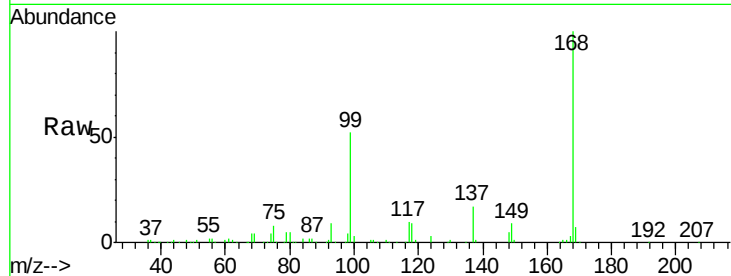
Acq: 25 May 2018 17:25

Tgt Ion: 168 Resp: 114475

Ion Ratio Lower Upper

168 100

99 52.0 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

60000

50000

40000

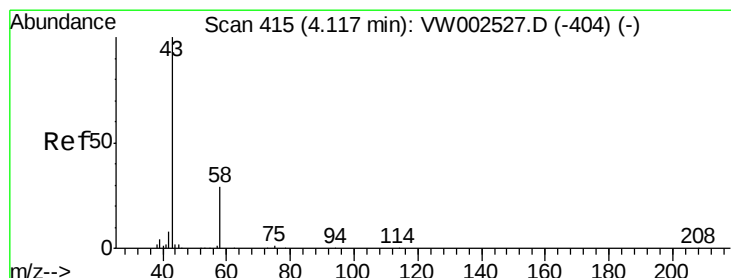
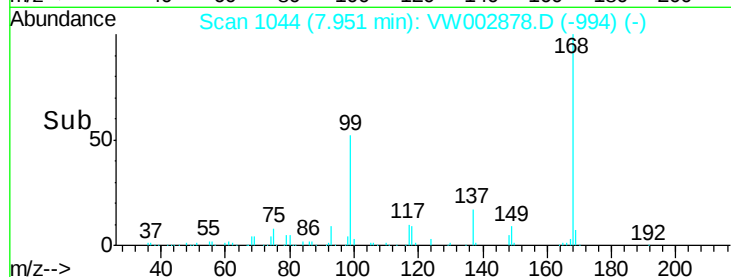
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 2.73 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW002878.D

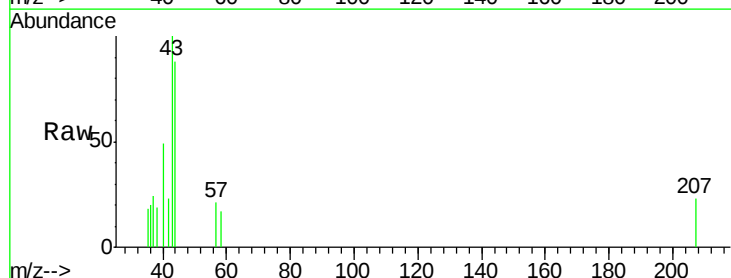
Acq: 25 May 2018 17:25

Tgt Ion: 43 Resp: 682

Ion Ratio Lower Upper

43 100

58 17.3 23.4 35.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

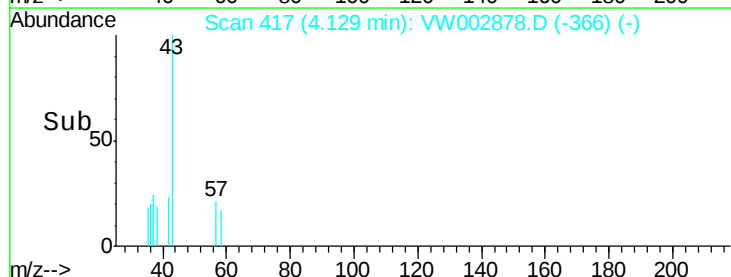
300

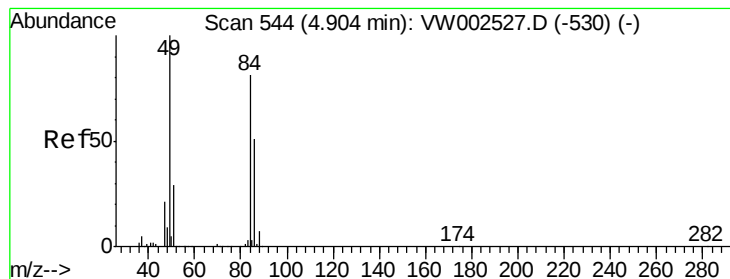
200

100

0

Time-->





#20

Methylene Chloride

Concen: 23.67 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.01 min

Lab File: VW002878.D

Acq: 25 May 2018 17:25

Tgt Ion: 84 Resp: 24953

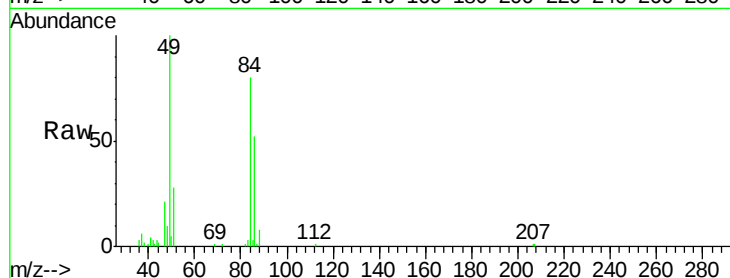
Ion Ratio Lower Upper

84 100

49 125.4 99.4 149.0

51 34.9 29.0 43.6

86 65.7 50.3 75.5

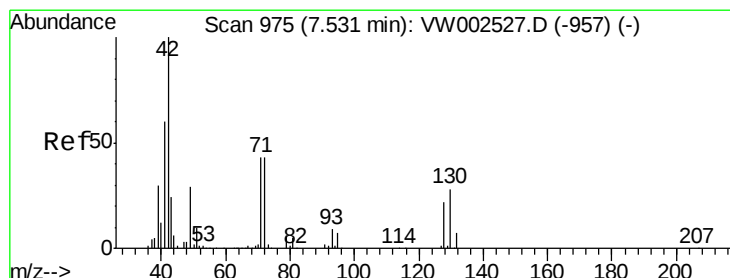
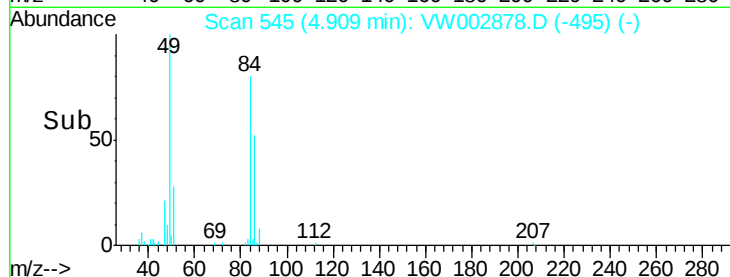
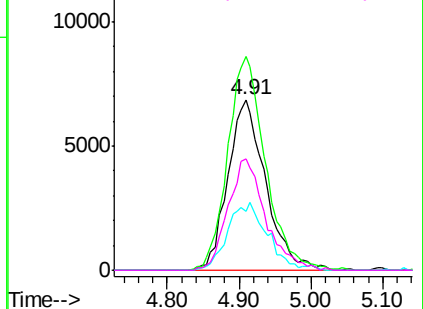


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#29

Tetrahydrofuran

Concen: 1.07 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.01 min

Lab File: VW002878.D

Acq: 25 May 2018 17:25

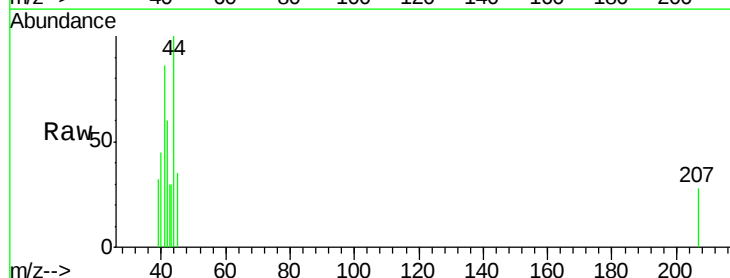
Tgt Ion: 42 Resp: 235

Ion Ratio Lower Upper

42 100

72 0.0 35.0 52.4#

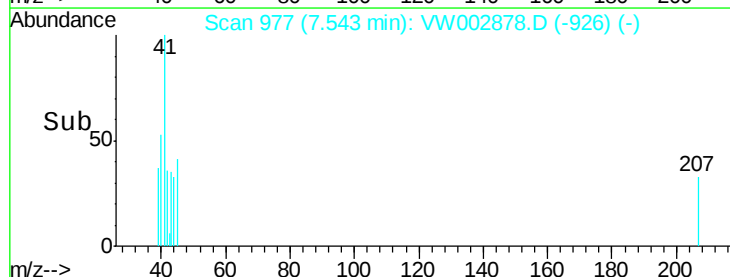
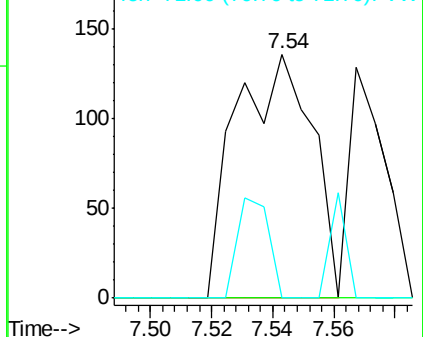
71 16.6 33.0 49.6#

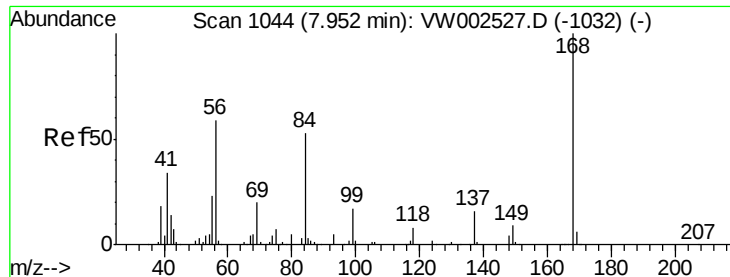


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW





#31

Cyclohexane

Concen: 1.57 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW002878.D

Acq: 25 May 2018 17:25

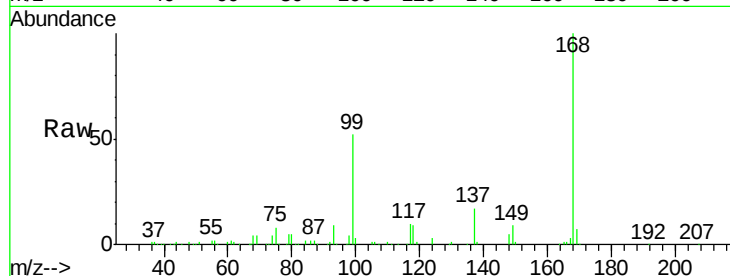
Tgt Ion: 56 Resp: 2645

Ion Ratio Lower Upper

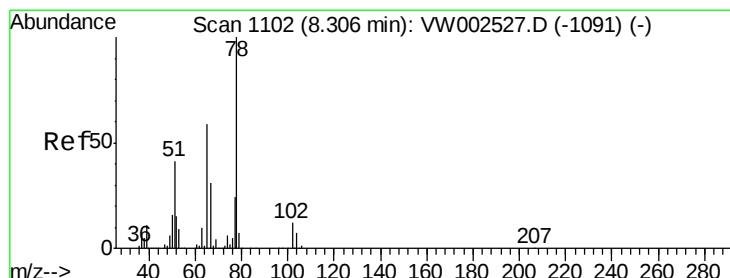
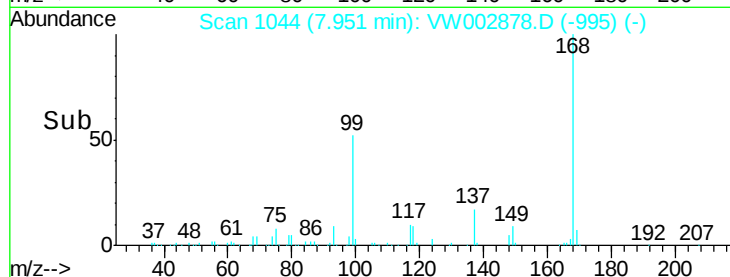
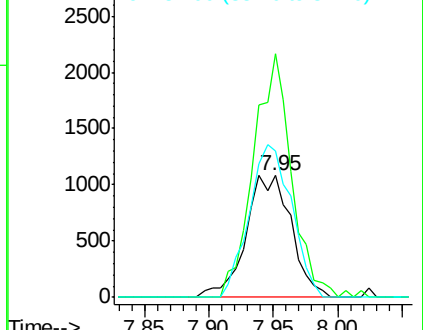
56 100

69 199.6 27.0 40.4#

84 119.7 72.2 108.2#



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: 84.34 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW002878.D

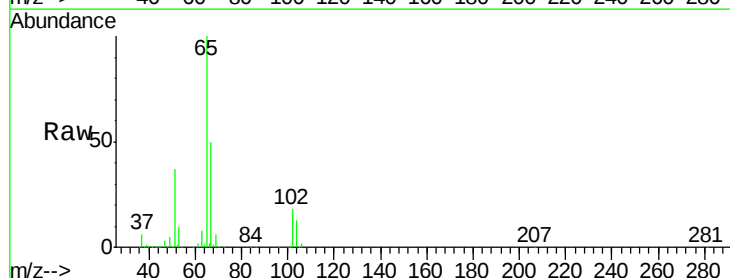
Acq: 25 May 2018 17:25

Tgt Ion: 65 Resp: 99765

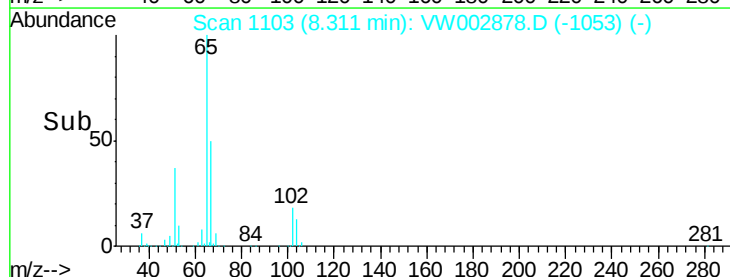
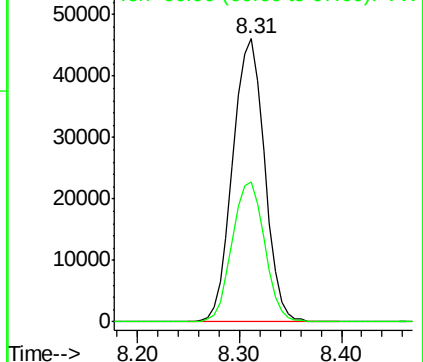
Ion Ratio Lower Upper

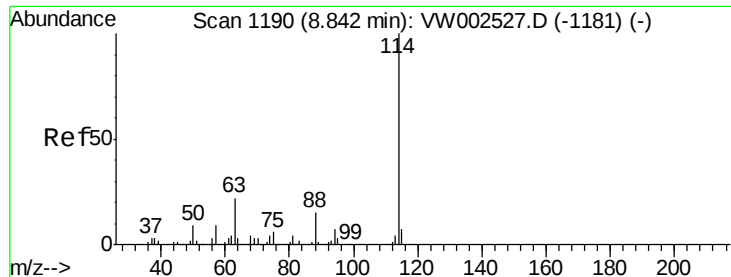
65 100

67 50.4 0.0 104.4



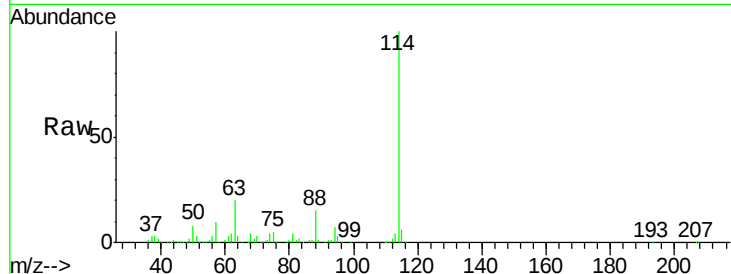
Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW



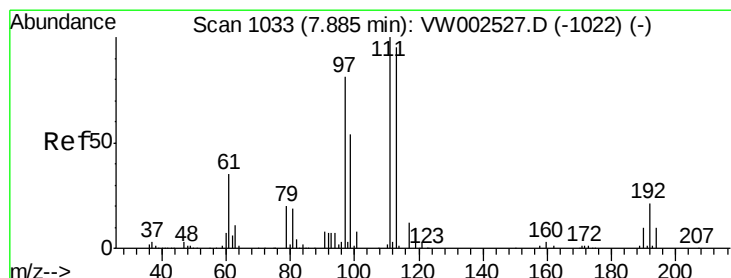
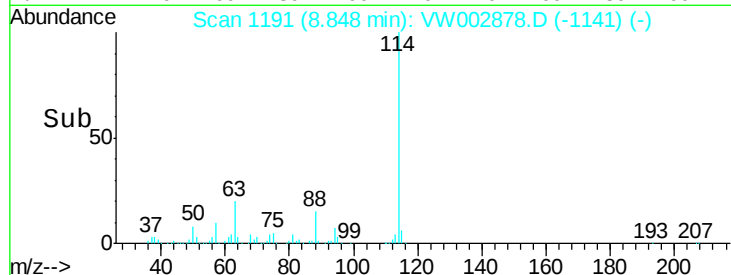
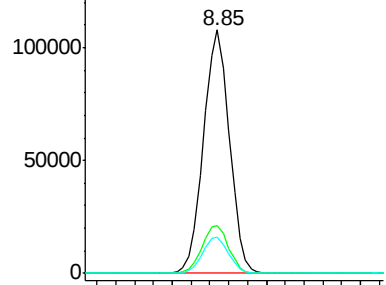


#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: VW002878.D
 Acq: 25 May 2018 17:25

Tgt Ion:	114	Resp:	207069
Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	43.2
88	15.0	0.0	29.2

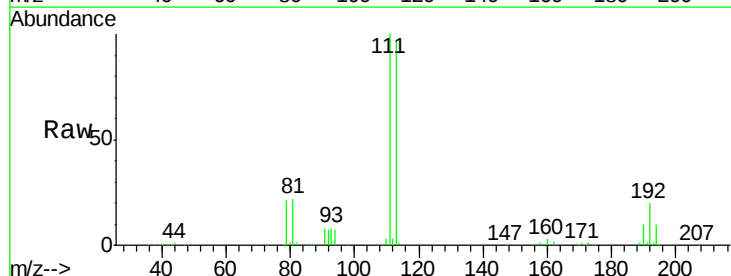


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

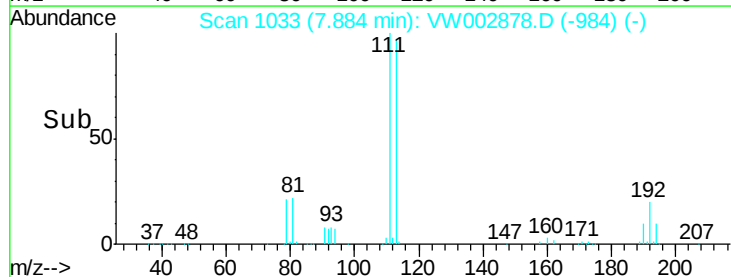
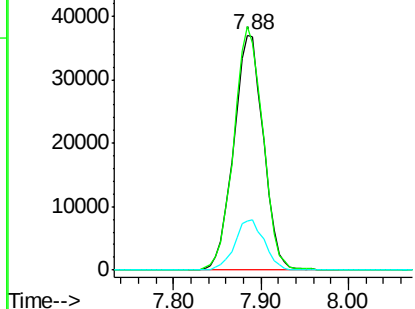


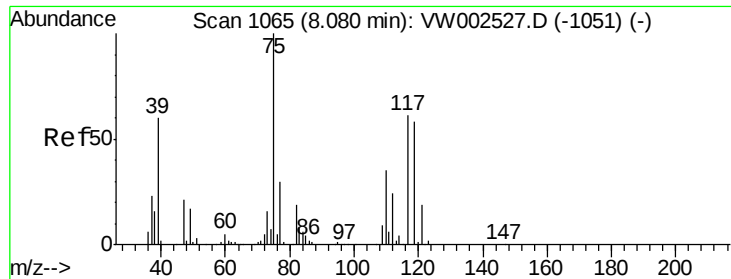
#35
 Dibromofluoromethane
 Concen: 66.63 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002878.D
 Acq: 25 May 2018 17:25

Tgt Ion:	113	Resp:	87524
Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.8	122.8
192	21.2	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: 4.87 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW002878.D

Acq: 25 May 2018 17:25

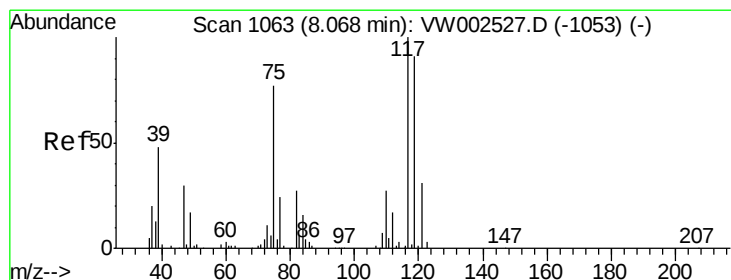
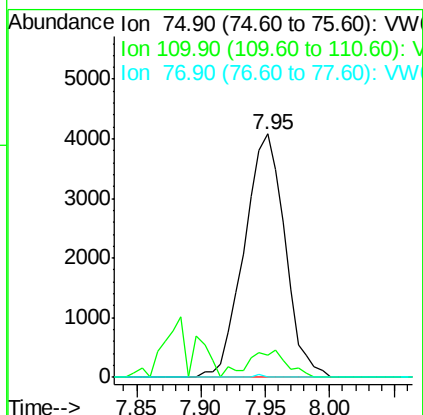
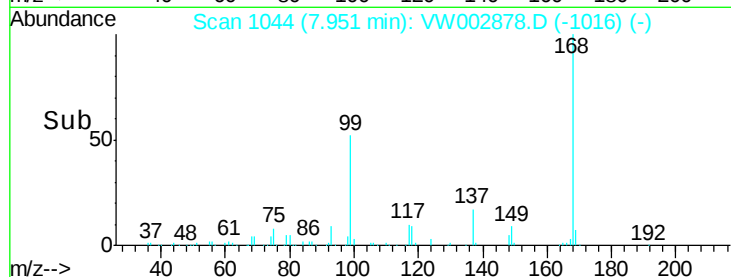
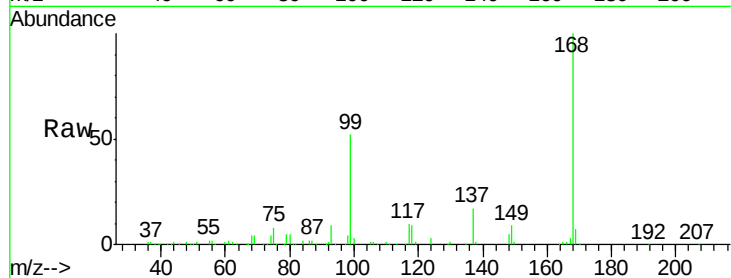
Tgt Ion: 75 Resp: 8890

Ion Ratio Lower Upper

75 100

110 9.7 17.8 53.5#

77 0.2 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.28 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.12 min

Lab File: VW002878.D

Acq: 25 May 2018 17:25

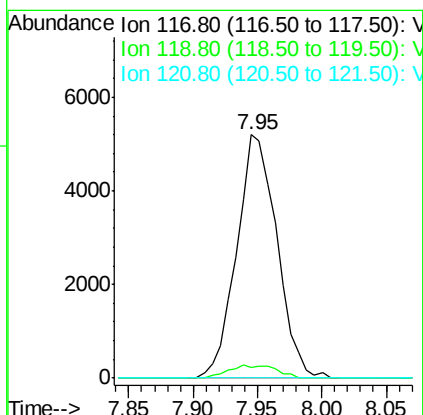
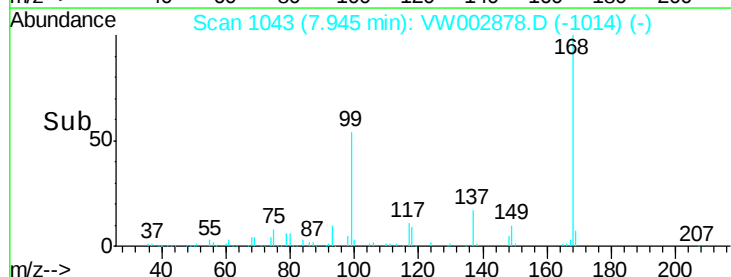
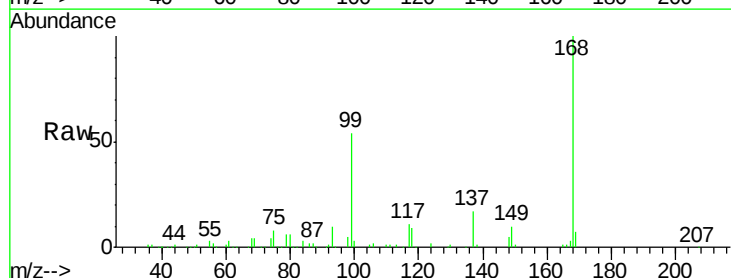
Tgt Ion: 117 Resp: 11244

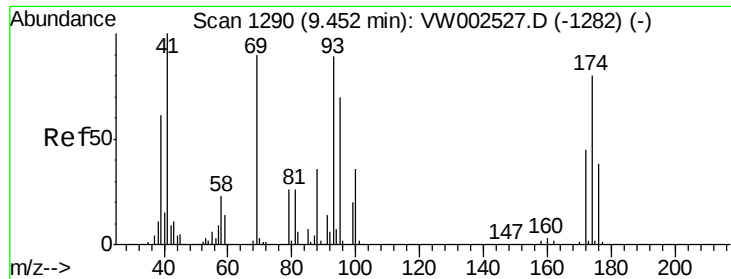
Ion Ratio Lower Upper

117 100

119 4.5 73.1 109.7#

121 0.0 24.4 36.6#





#49

1,4-Dioxane

Concen: 1.97 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VW002878.D

Acq: 25 May 2018 17:25

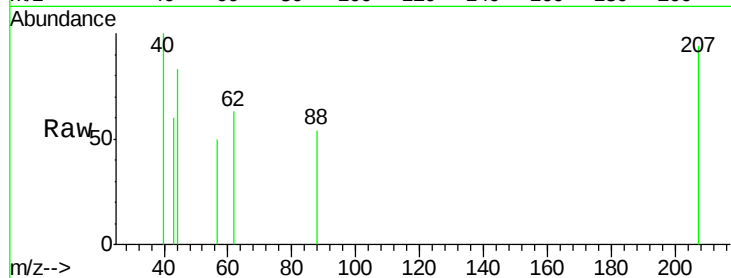
Tgt Ion: 88 Resp: 25

Ion Ratio Lower Upper

88 100

43 808.0 27.0 40.4#

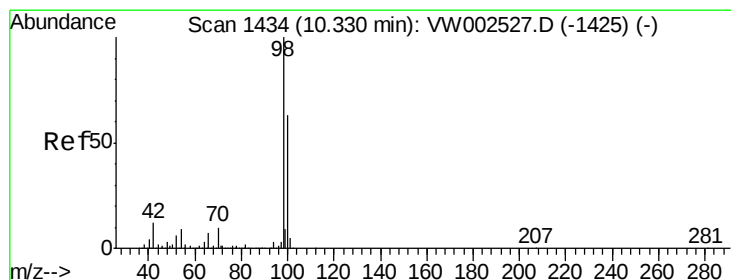
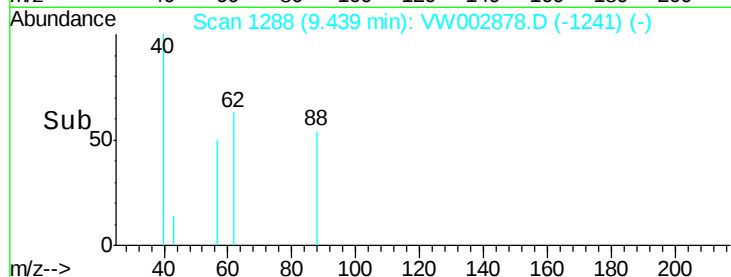
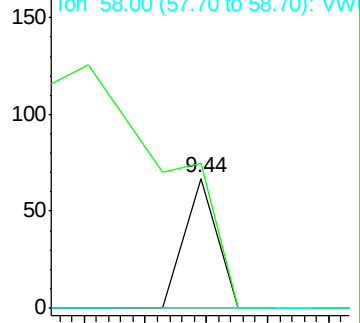
58 0.0 56.9 85.3#



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 44.81 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002878.D

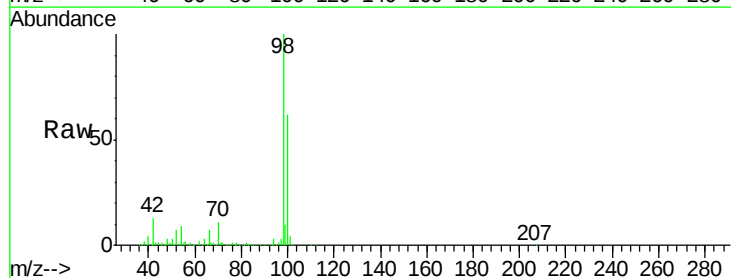
Acq: 25 May 2018 17:25

Tgt Ion: 98 Resp: 223975

Ion Ratio Lower Upper

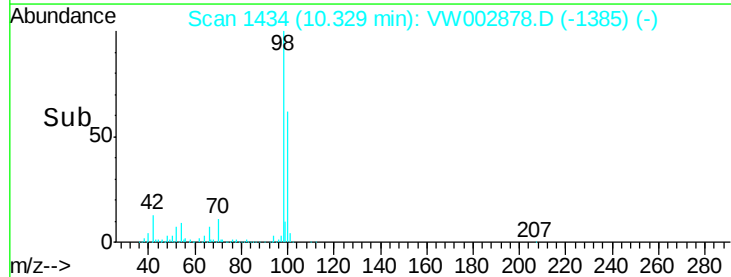
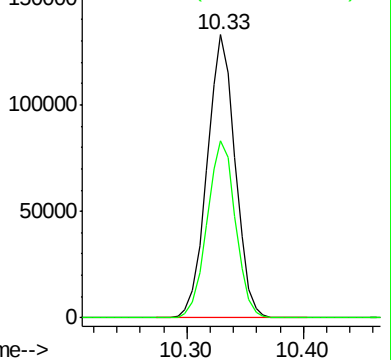
98 100

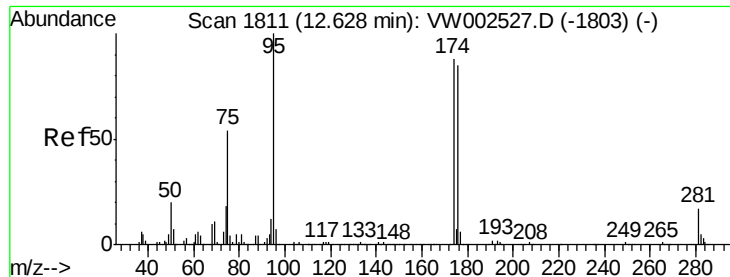
100 63.1 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VW

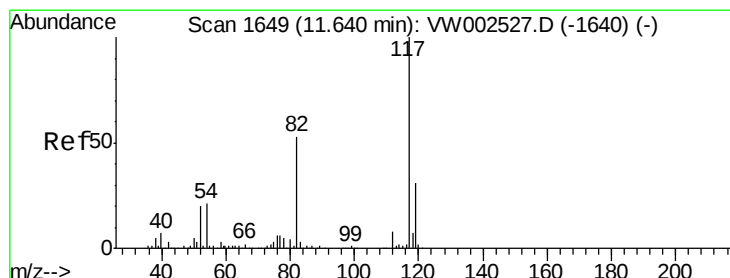
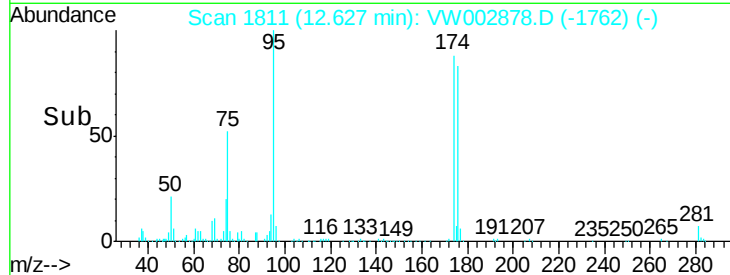
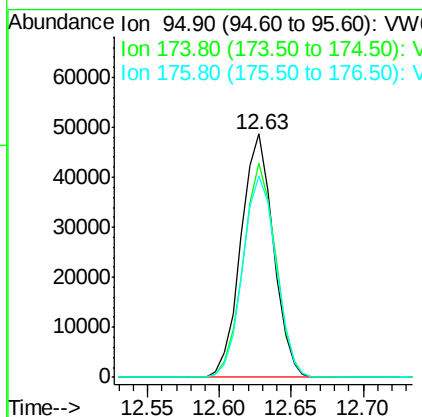
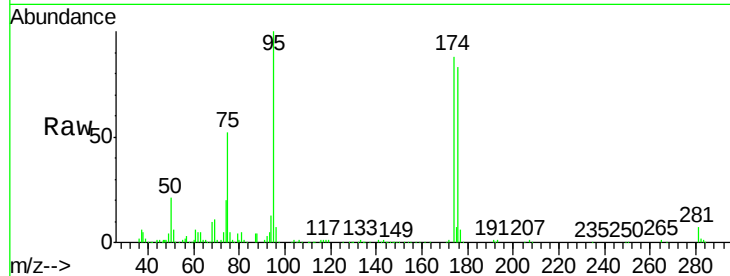
Ion 100.00 (99.70 to 100.70): VW





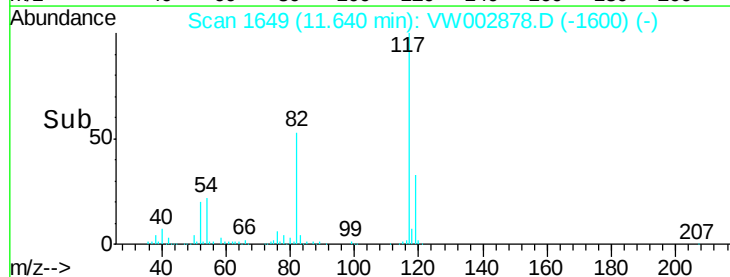
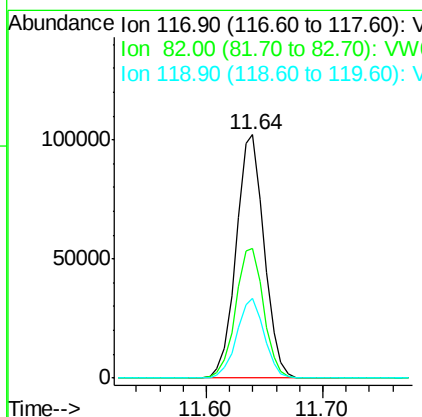
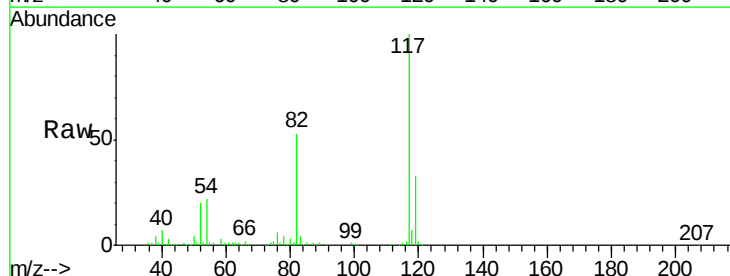
#62
4-Bromofluorobenzene
Concen: 41.59 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW002878.D
Acq: 25 May 2018 17:25

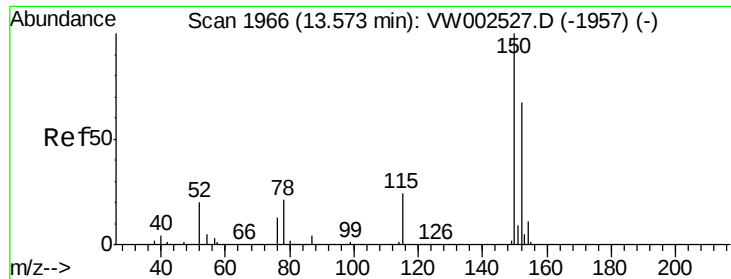
Tgt Ion: 95 Resp: 75998
Ion Ratio Lower Upper
95 100
174 88.4 0.0 176.6
176 85.1 0.0 172.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002878.D
Acq: 25 May 2018 17:25

Tgt Ion: 117 Resp: 171235
Ion Ratio Lower Upper
117 100
82 53.1 42.6 64.0
119 32.8 25.0 37.6

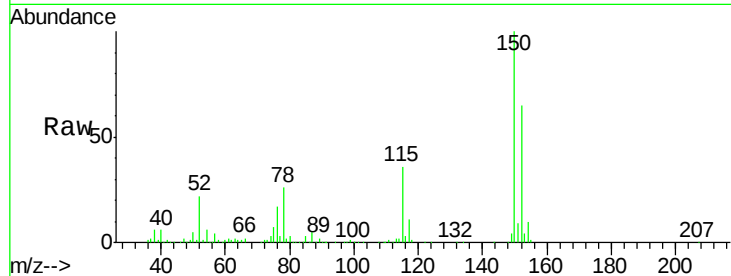




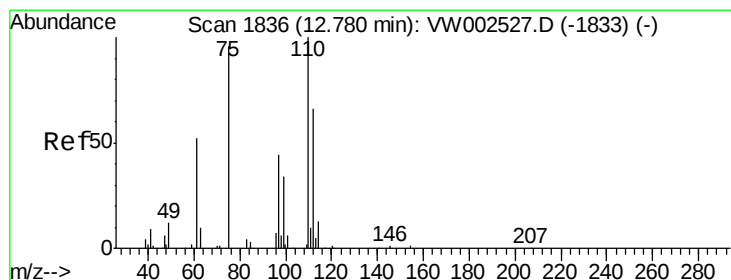
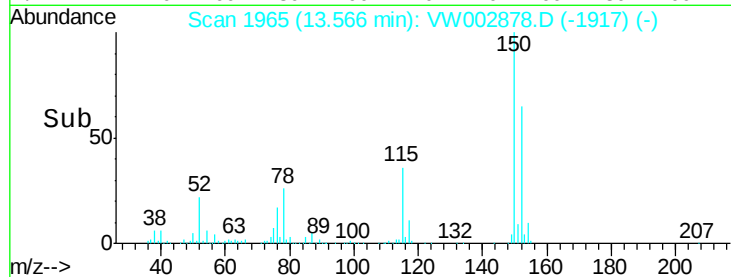
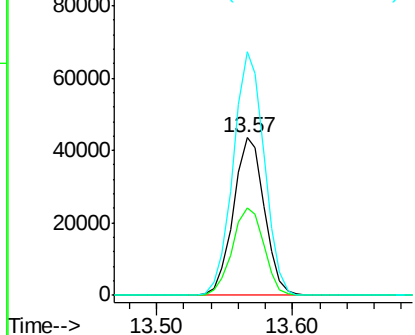
#72

1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.01 min
Lab File: VW002878.D
Acq: 25 May 2018 17:25

Tgt Ion: 152 Resp: 68912
Ion Ratio Lower Upper
152 100
115 56.5 28.0 84.0
150 154.8 0.0 345.4



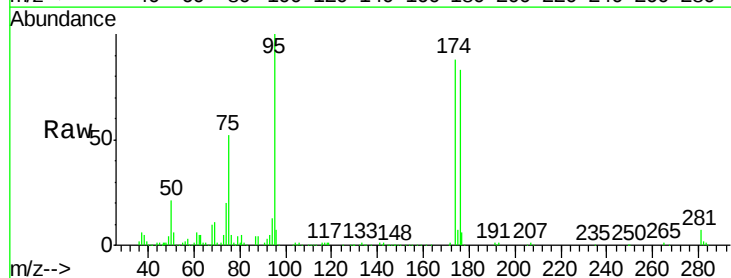
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



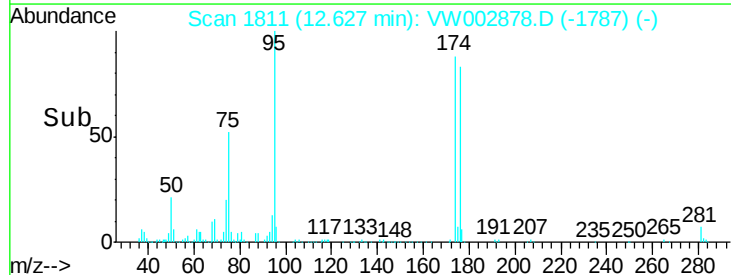
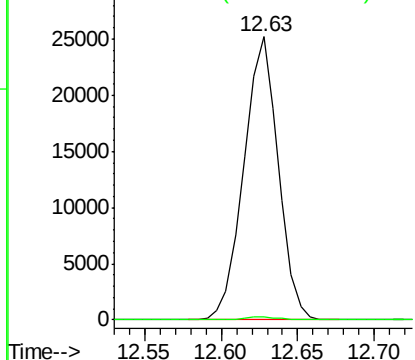
#76

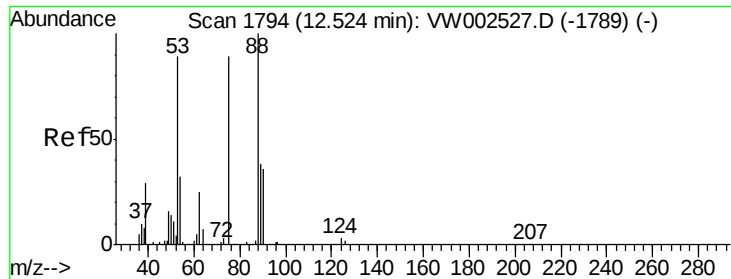
1,2,3-Trichloropropane
Concen: 60.34 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. -0.15 min
Lab File: VW002878.D
Acq: 25 May 2018 17:25

Tgt Ion: 75 Resp: 39306
Ion Ratio Lower Upper
75 100
77 1.0 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: 164.52 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.10 min
 Lab File: VW002878.D
 Acq: 25 May 2018 17:25

Tgt Ion:	75	Resp:	39306
Ion	Ratio	Lower	Upper
75	100		
53	0.4	82.6	124.0#
89	0.1	39.2	58.8#

