

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052518\
 Data File : VW002879.D
 Acq On : 25 May 2018 17:50
 Operator : JC/SY
 Sample : J3078-10
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 26 00:41:18 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	151369	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	239990	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	218952	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	104342	50.00	ug/l	0.00

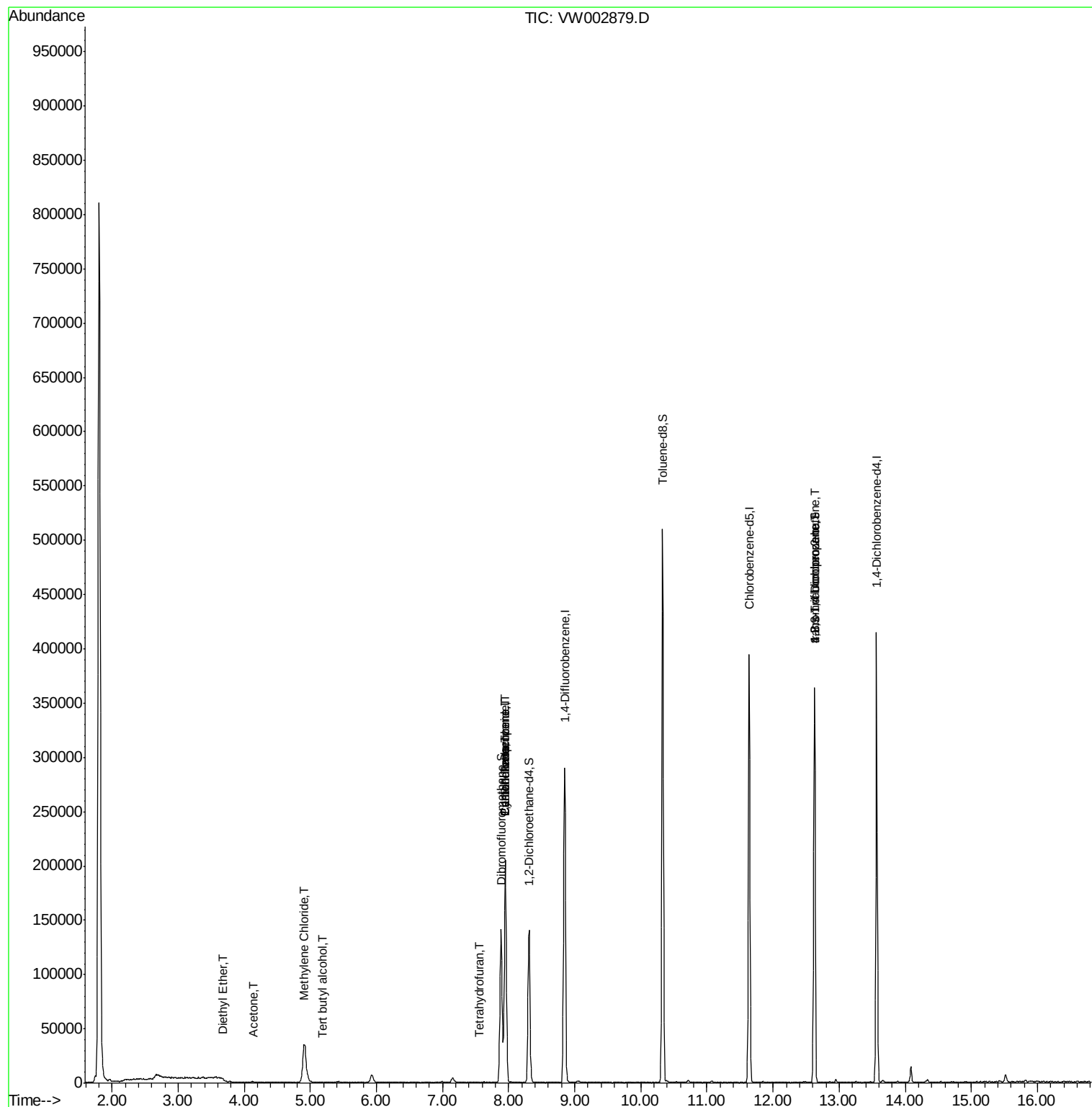
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	110113	70.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	140.80%	
35) Dibromofluoromethane	7.88	113	97319	63.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.84%	
50) Toluene-d8	10.33	98	321783	55.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.10%	
62) 4-Bromofluorobenzene	12.63	95	106185	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	

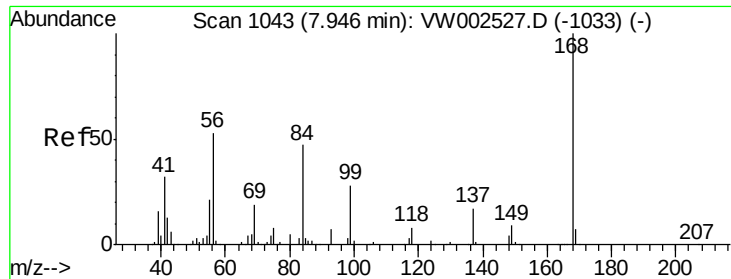
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.67	74	1367	1.48	ug/l	93
11) Tert butyl alcohol	5.19	59	192	1.60	ug/l #	72
16) Acetone	4.14	43	1292	3.91	ug/l	94
20) Methylene Chloride	4.92	84	31583	22.53	ug/l	98
29) Tetrahydrofuran	7.55	42	460	1.58	ug/l #	51
31) Cyclohexane	7.95	56	3478	1.57	ug/l #	6
36) 1,1-Dichloropropene	7.95	75	12064	5.70	ug/l #	50
38) Carbon Tetrachloride	7.95	117	15085	7.27	ug/l #	18
76) 1,2,3-Trichloropropane	12.63	75	56001	56.78	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	56001	154.80	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# 1044

Delta R.T. 0.01 min

Lab File: VW002879.D

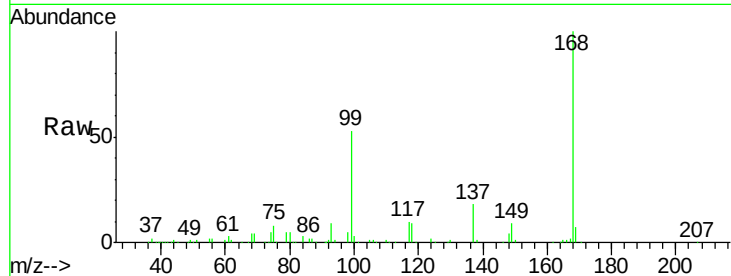
Acq: 25 May 2018 17:50

Tgt Ion: 168 Resp: 151369

Ion Ratio Lower Upper

168 100

99 53.1 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

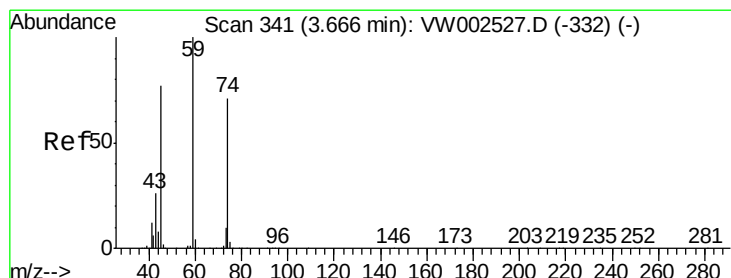
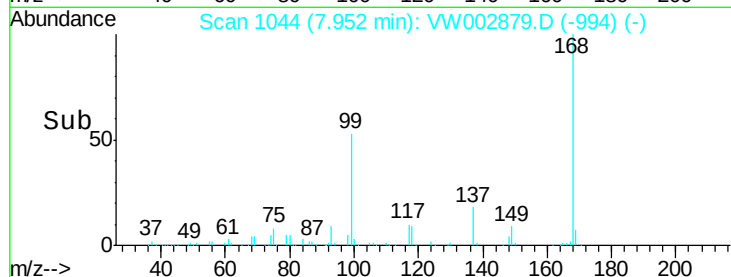
40000

20000

0

Time-->

7.90 8.00



#8

Diethyl Ether

Concen: 1.48 ug/l

RT: 3.67 min Scan# 342

Delta R.T. 0.01 min

Lab File: VW002879.D

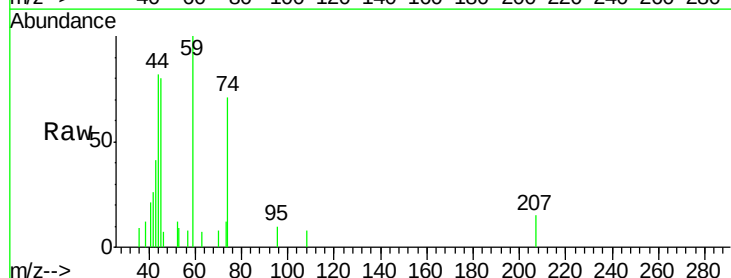
Acq: 25 May 2018 17:50

Tgt Ion: 74 Resp: 1367

Ion Ratio Lower Upper

74 100

45 97.0 52.3 156.8



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.67

600

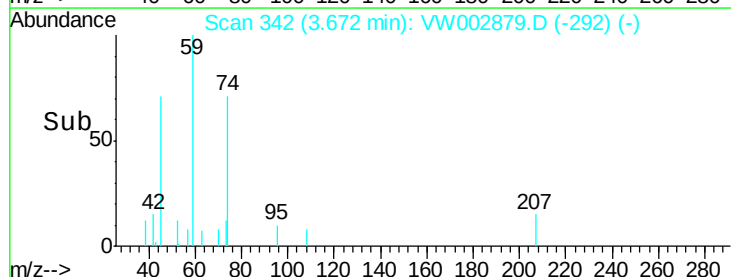
400

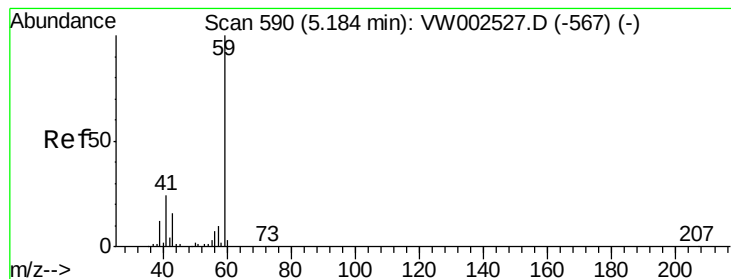
200

0

Time-->

3.55 3.60 3.65 3.70 3.75





#11

Tert butyl alcohol

Concen: 1.60 ug/l

RT: 5.19 min Scan# 591

Delta R.T. 0.01 min

Lab File: VW002879.D

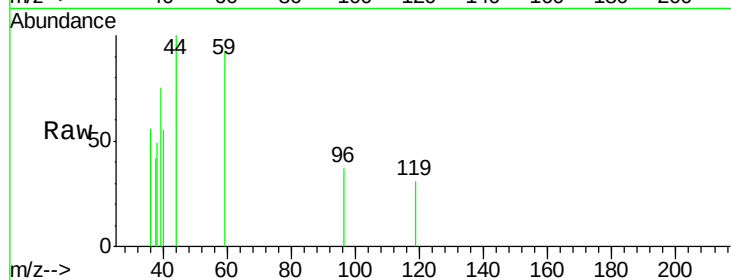
Acq: 25 May 2018 17:50

Tgt Ion: 59 Resp: 192

Ion Ratio Lower Upper

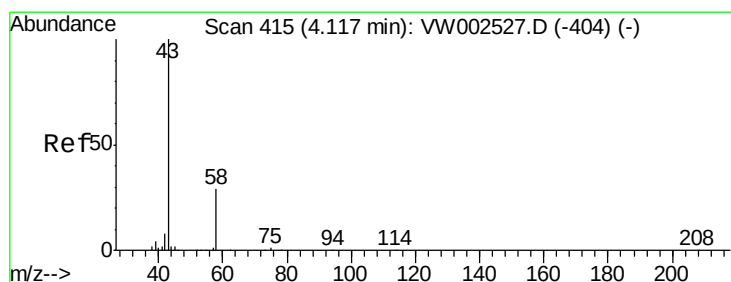
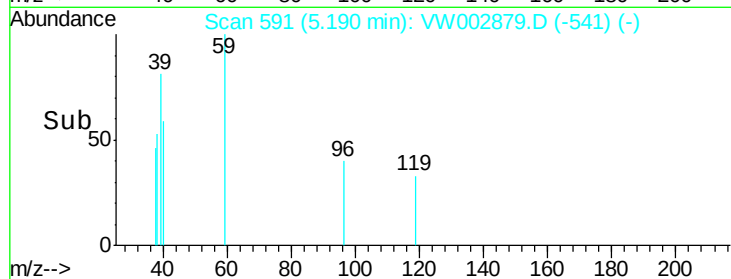
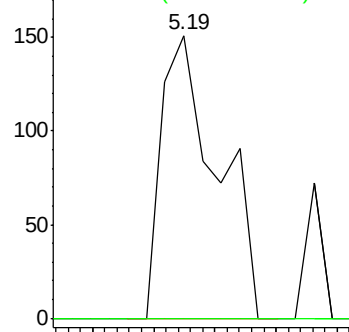
59 100

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: 3.91 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.02 min

Lab File: VW002879.D

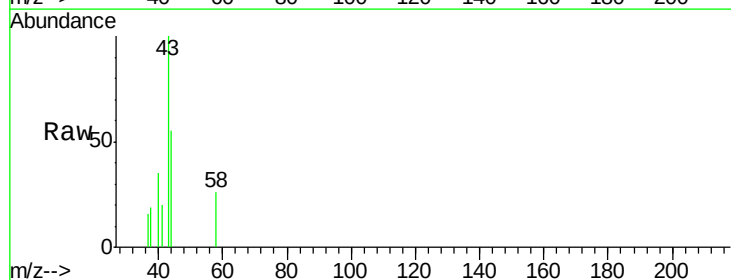
Acq: 25 May 2018 17:50

Tgt Ion: 43 Resp: 1292

Ion Ratio Lower Upper

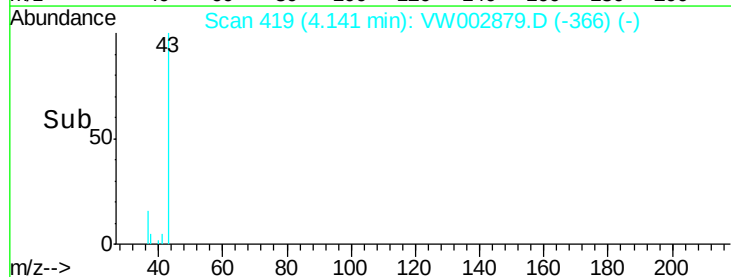
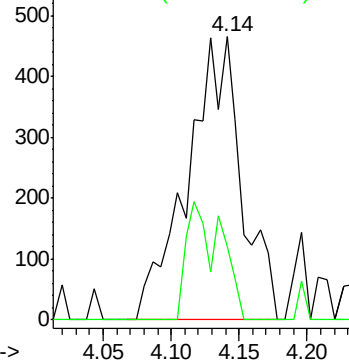
43 100

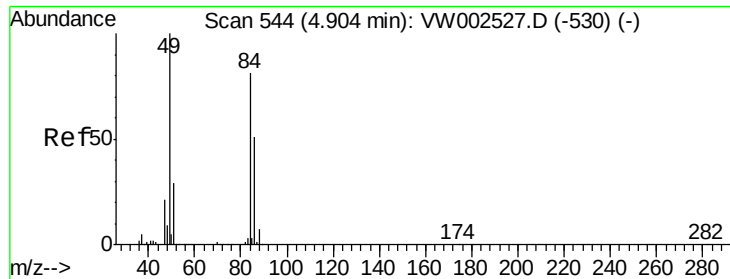
58 26.0 23.4 35.0



Abundance Ion 43.00 (42.70 to 43.70): VW

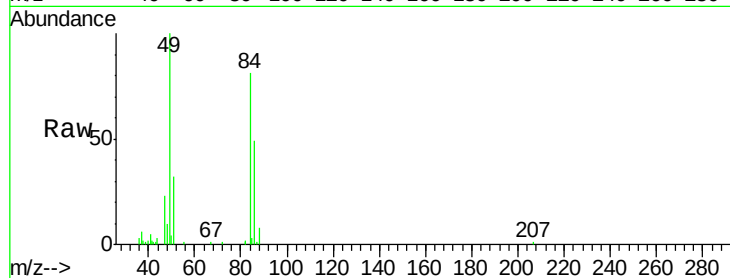
Ion 58.00 (57.70 to 58.70): VW



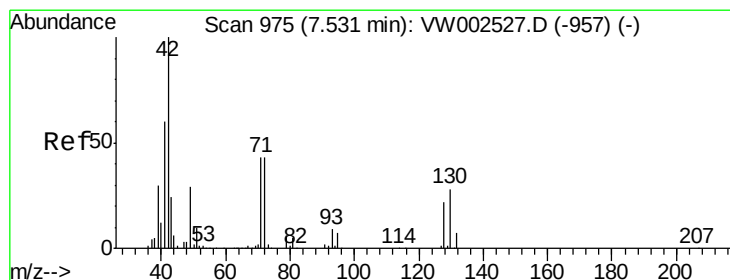
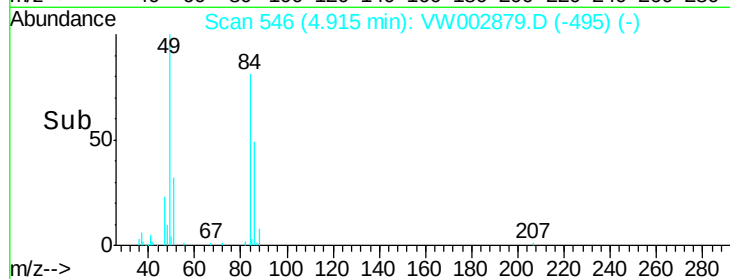
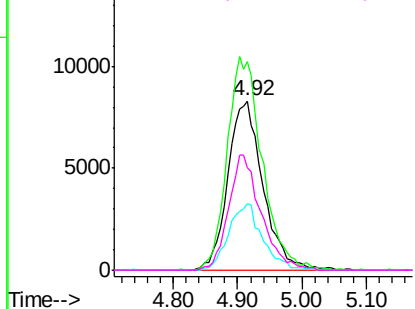


#20
Methylene Chloride
Concen: 22.53 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW002879.D
Acq: 25 May 2018 17:50

Tgt Ion:	84	Resp:	31583
Ion	Ratio	Lower	Upper
84	100		
49	123.3	99.4	149.0
51	39.0	29.0	43.6
86	60.9	50.3	75.5

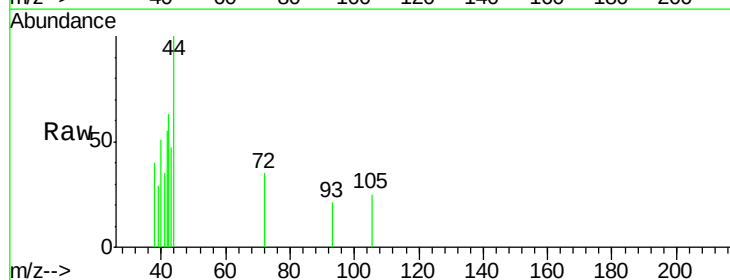


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

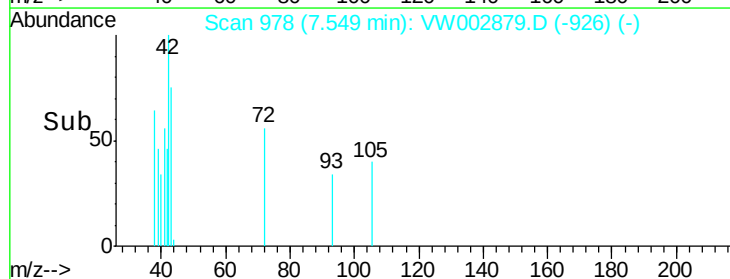
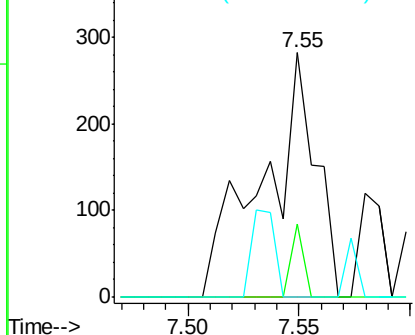


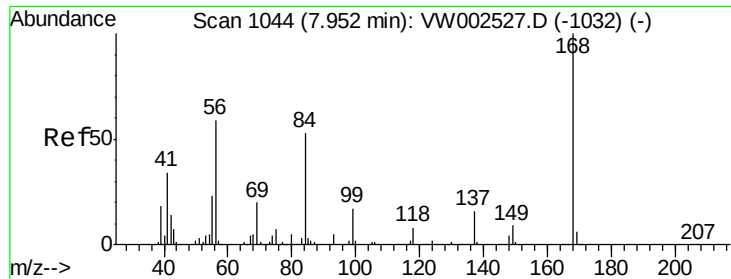
#29
Tetrahydrofuran
Concen: 1.58 ug/l
RT: 7.55 min Scan# 978
Delta R.T. 0.02 min
Lab File: VW002879.D
Acq: 25 May 2018 17:50

Tgt Ion:	42	Resp:	460
Ion	Ratio	Lower	Upper
42	100		
72	6.7	35.0	52.4#
71	15.7	33.0	49.6#



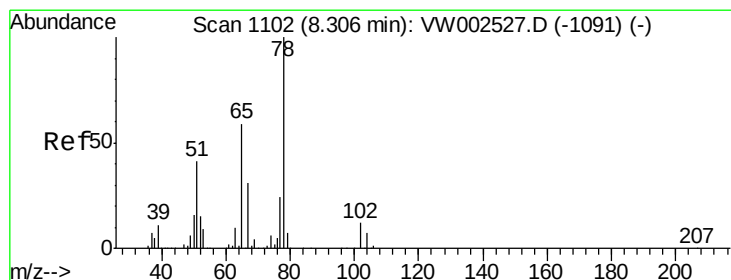
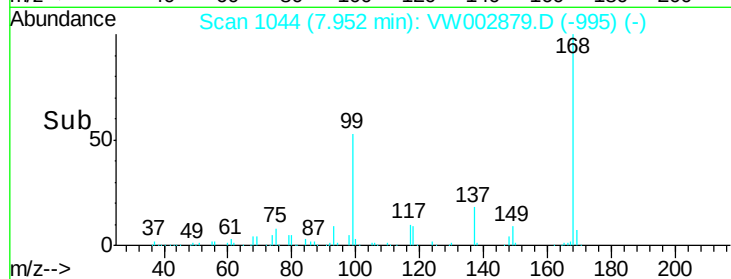
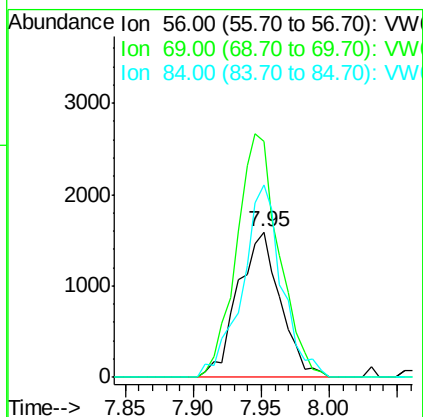
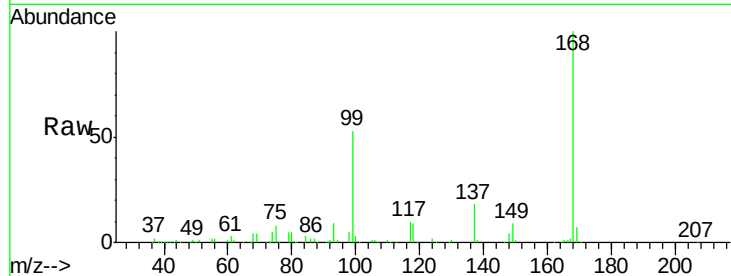
Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW





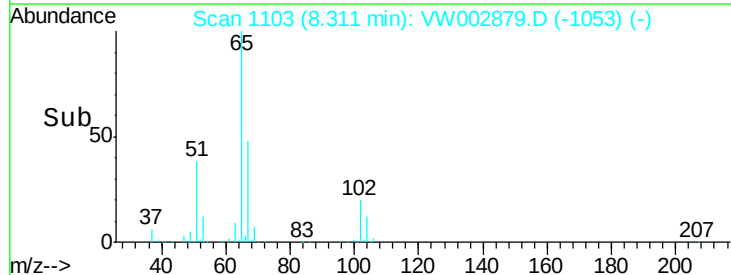
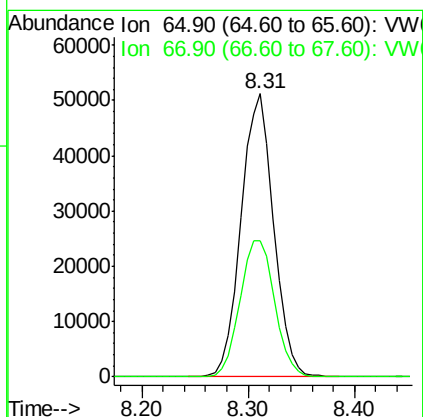
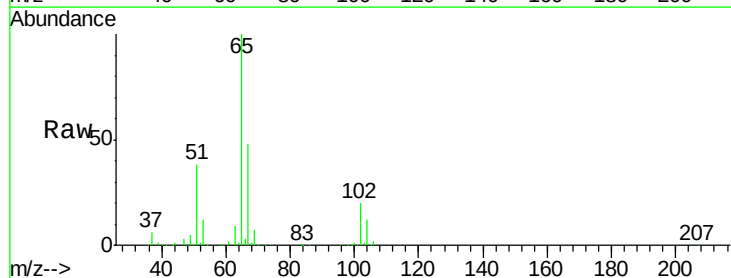
#31
Cyclohexane
Concen: 1.57 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW002879.D
Acq: 25 May 2018 17:50

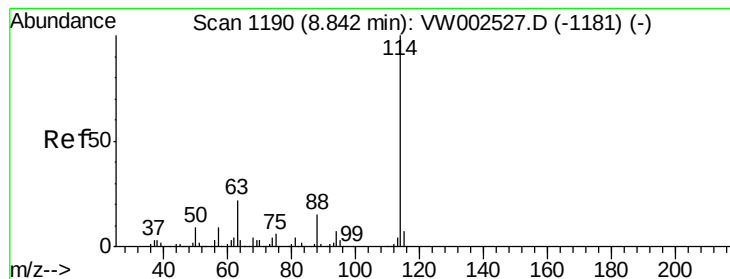
Tgt Ion: 56 Resp: 3478
Ion Ratio Lower Upper
56 100
69 162.1 27.0 40.4#
84 132.5 72.2 108.2#



#33
1,2-Dichloroethane-d4
Concen: 70.40 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VW002879.D
Acq: 25 May 2018 17:50

Tgt Ion: 65 Resp: 110113
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: VW002879.D

Acq: 25 May 2018 17:50

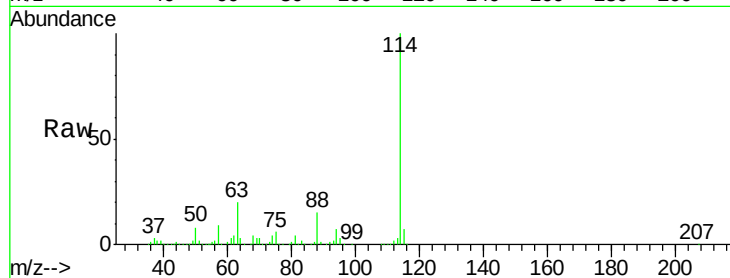
Tgt Ion:114 Resp: 239990

Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

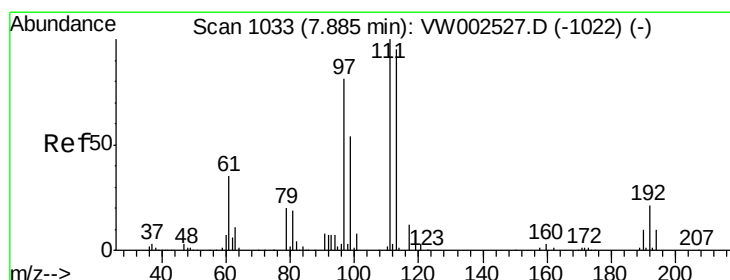
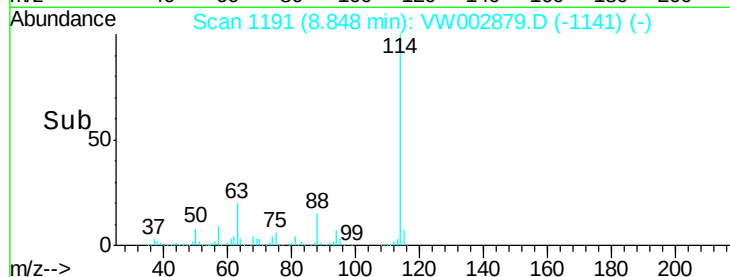
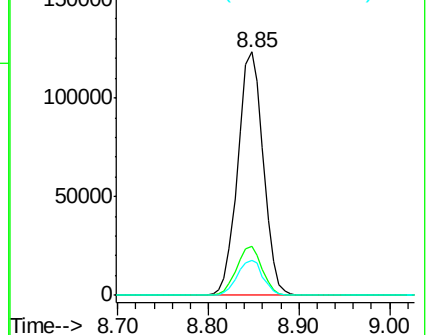
88 14.6 0.0 29.2



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: 63.92 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW002879.D

Acq: 25 May 2018 17:50

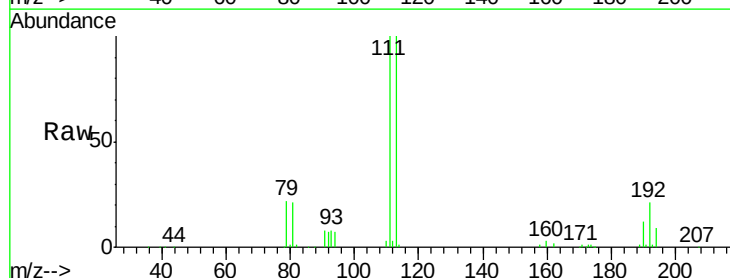
Tgt Ion:113 Resp: 97319

Ion Ratio Lower Upper

113 100

111 103.4 81.8 122.8

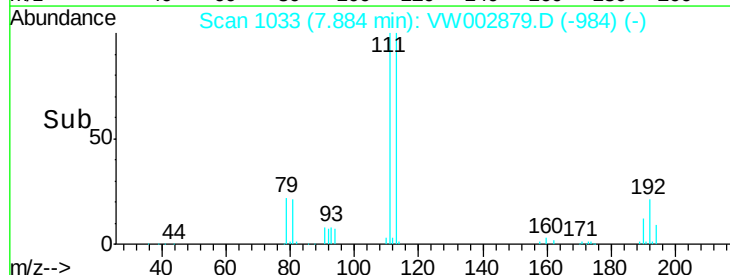
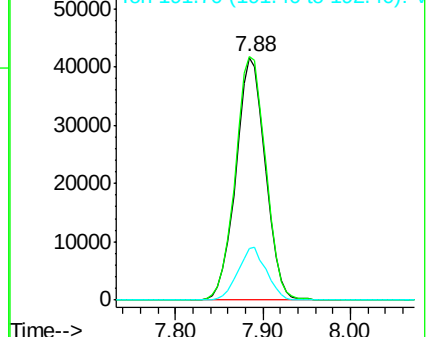
192 21.0 17.5 26.3

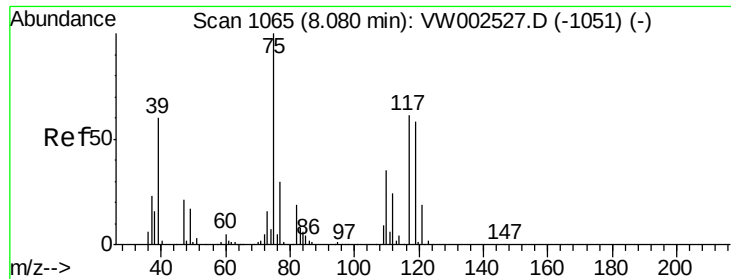


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.70 ug/l

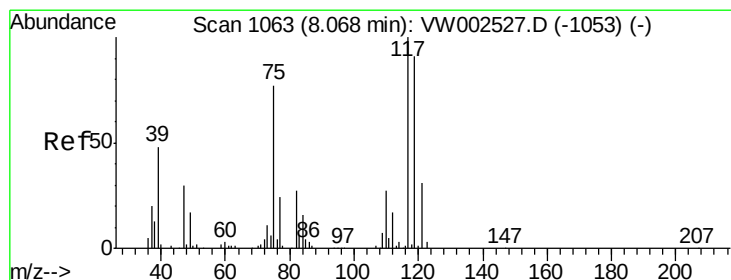
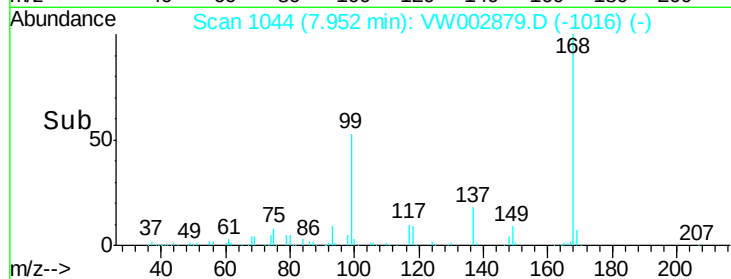
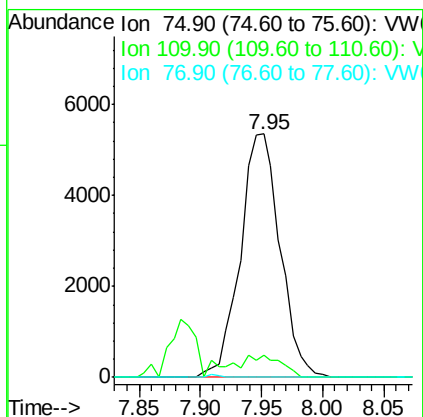
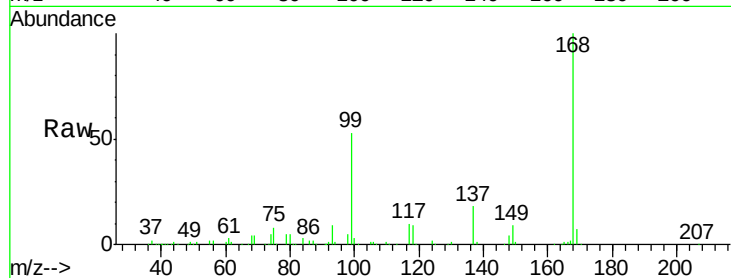
RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW002879.D

Acq: 25 May 2018 17:50

Tgt Ion:	75	Resp:	12064
Ion	Ratio	Lower	Upper
75	100		
110	9.3	17.8	53.5#
77	0.0	24.5	36.7#



#38

Carbon Tetrachloride

Concen: 7.27 ug/l

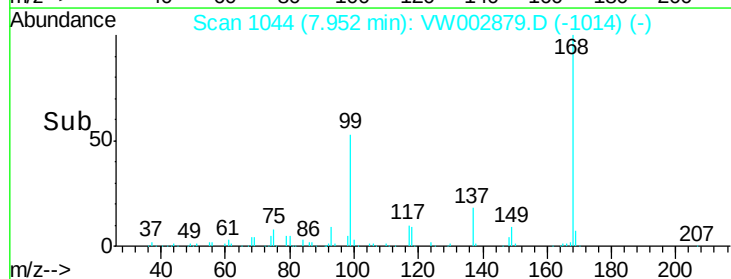
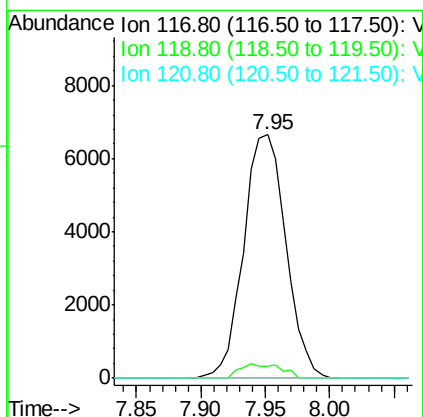
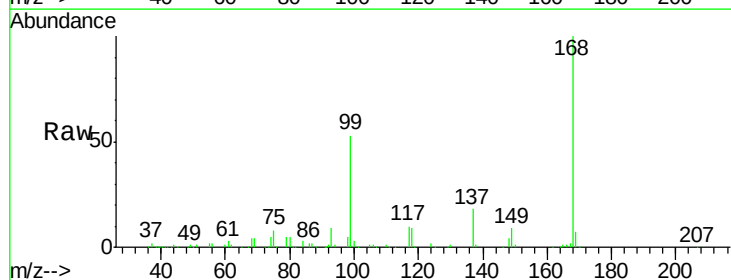
RT: 7.95 min Scan# 1044

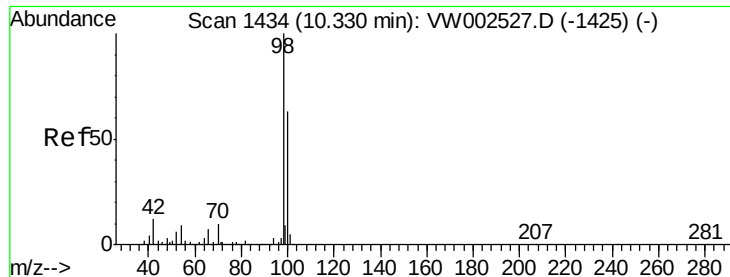
Delta R.T. -0.12 min

Lab File: VW002879.D

Acq: 25 May 2018 17:50

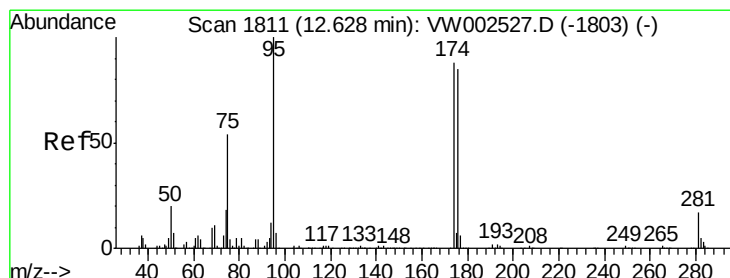
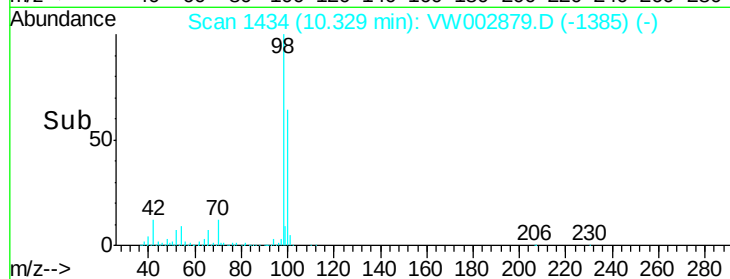
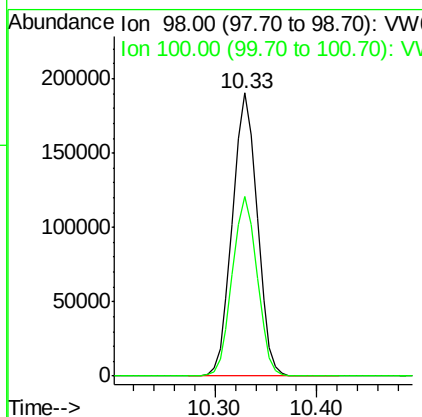
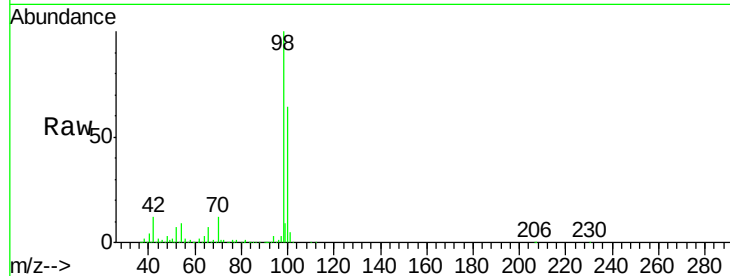
Tgt Ion:	117	Resp:	15085
Ion	Ratio	Lower	Upper
117	100		
119	4.6	73.1	109.7#
121	0.0	24.4	36.6#





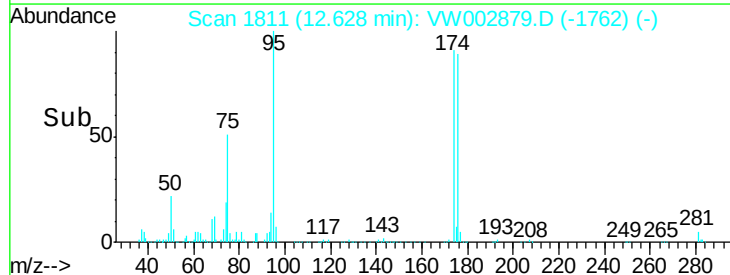
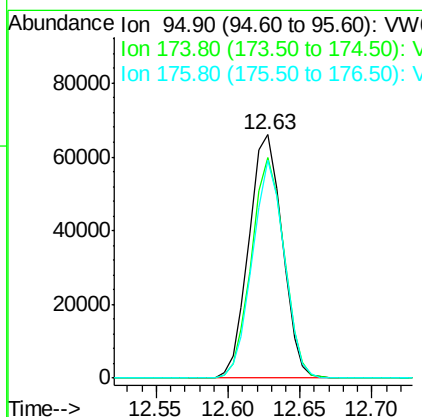
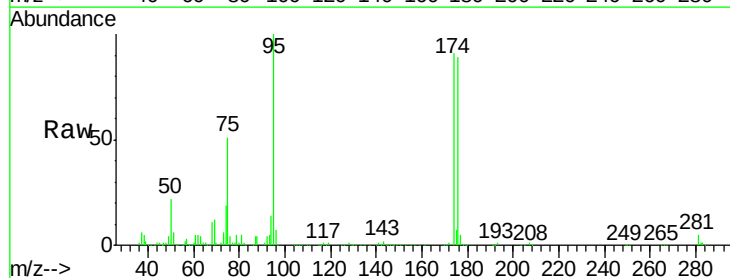
#50
Toluene-d8
Concen: 55.55 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW002879.D
Acq: 25 May 2018 17:50

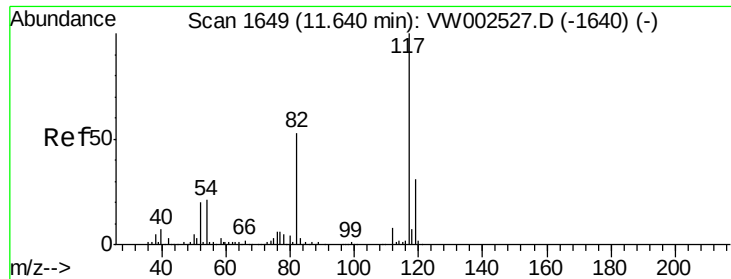
Tgt Ion: 98 Resp: 321783
Ion Ratio Lower Upper
98 100
100 63.5 51.0 76.4



#62
4-Bromofluorobenzene
Concen: 50.13 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW002879.D
Acq: 25 May 2018 17:50

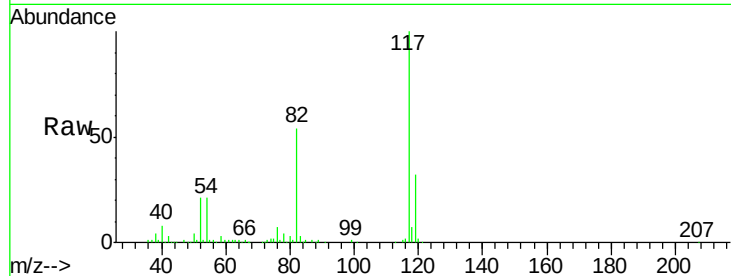
Tgt Ion: 95 Resp: 106185
Ion Ratio Lower Upper
95 100
174 88.4 0.0 176.6
176 85.2 0.0 172.2



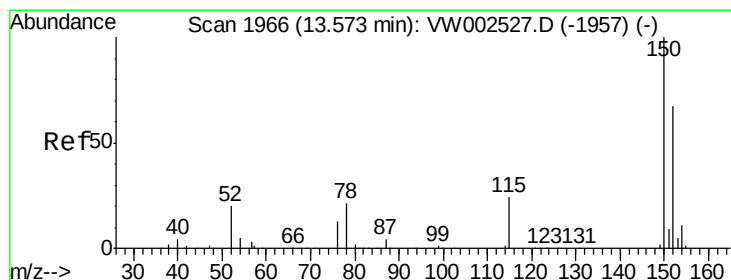
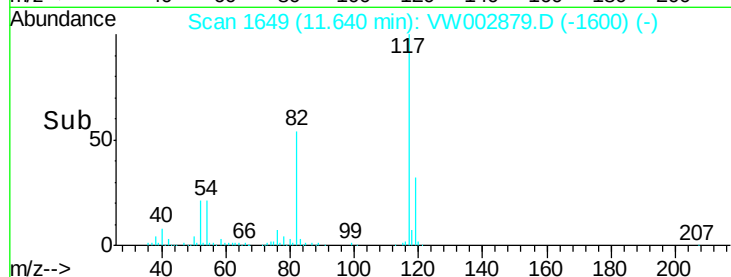
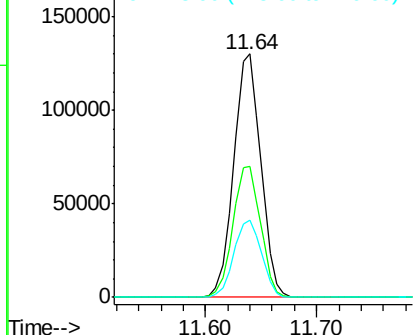


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002879.D
Acq: 25 May 2018 17:50

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.8	42.6	64.0
119	31.8	25.0	37.6

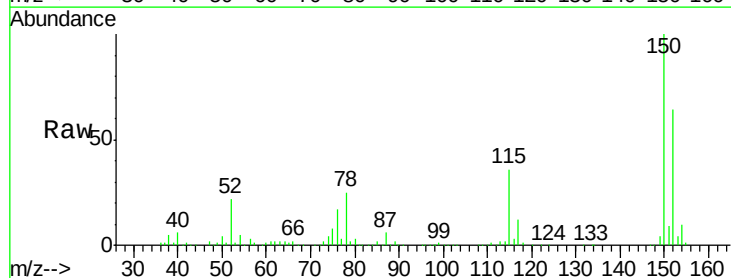


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

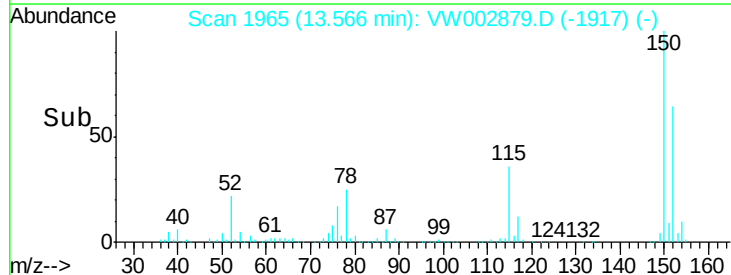
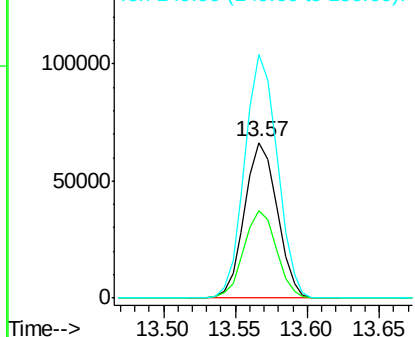


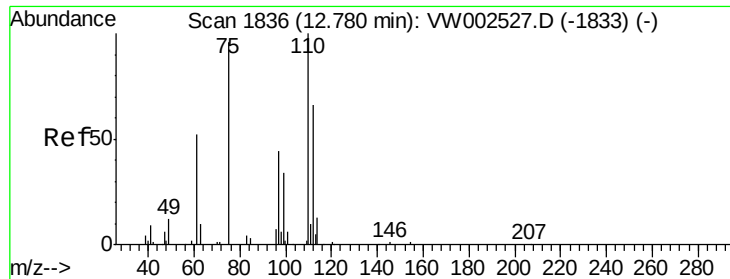
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.01 min
Lab File: VW002879.D
Acq: 25 May 2018 17:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.0	28.0	84.0
150	156.7	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: 56.78 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW002879.D

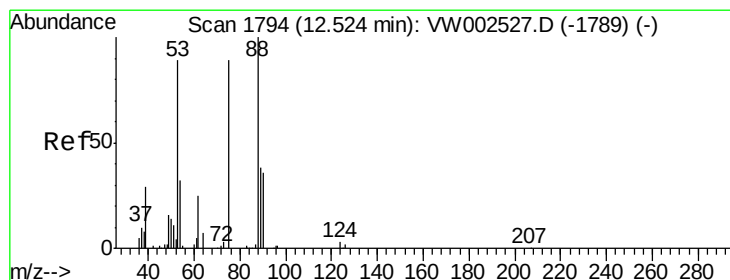
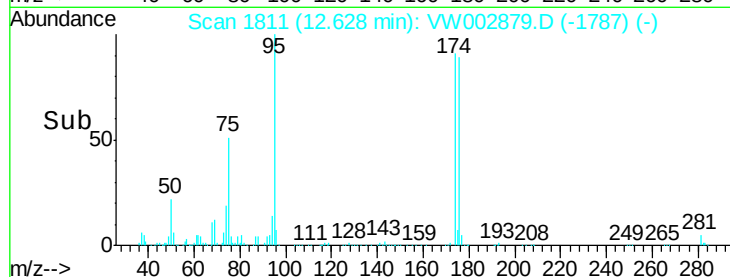
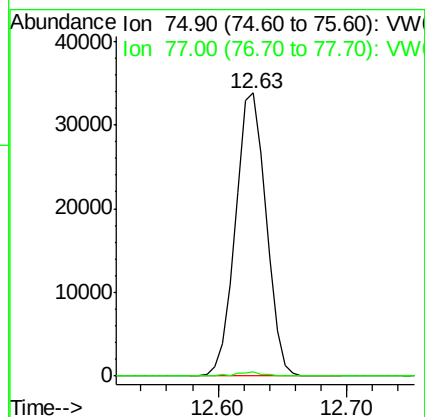
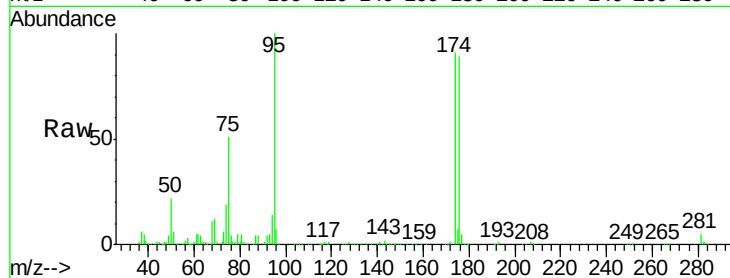
Acq: 25 May 2018 17:50

Tgt Ion: 75 Resp: 56001

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 154.80 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.10 min

Lab File: VW002879.D

Acq: 25 May 2018 17:50

Tgt Ion: 75 Resp: 56001

Ion Ratio Lower Upper

75 100

53 0.3 82.6 124.0#

89 0.0 39.2 58.8#

