

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 01:05:32 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						
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						Qvalue
20) Methylene Chloride	4.92	84	31583	22.53	ug/l	98

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

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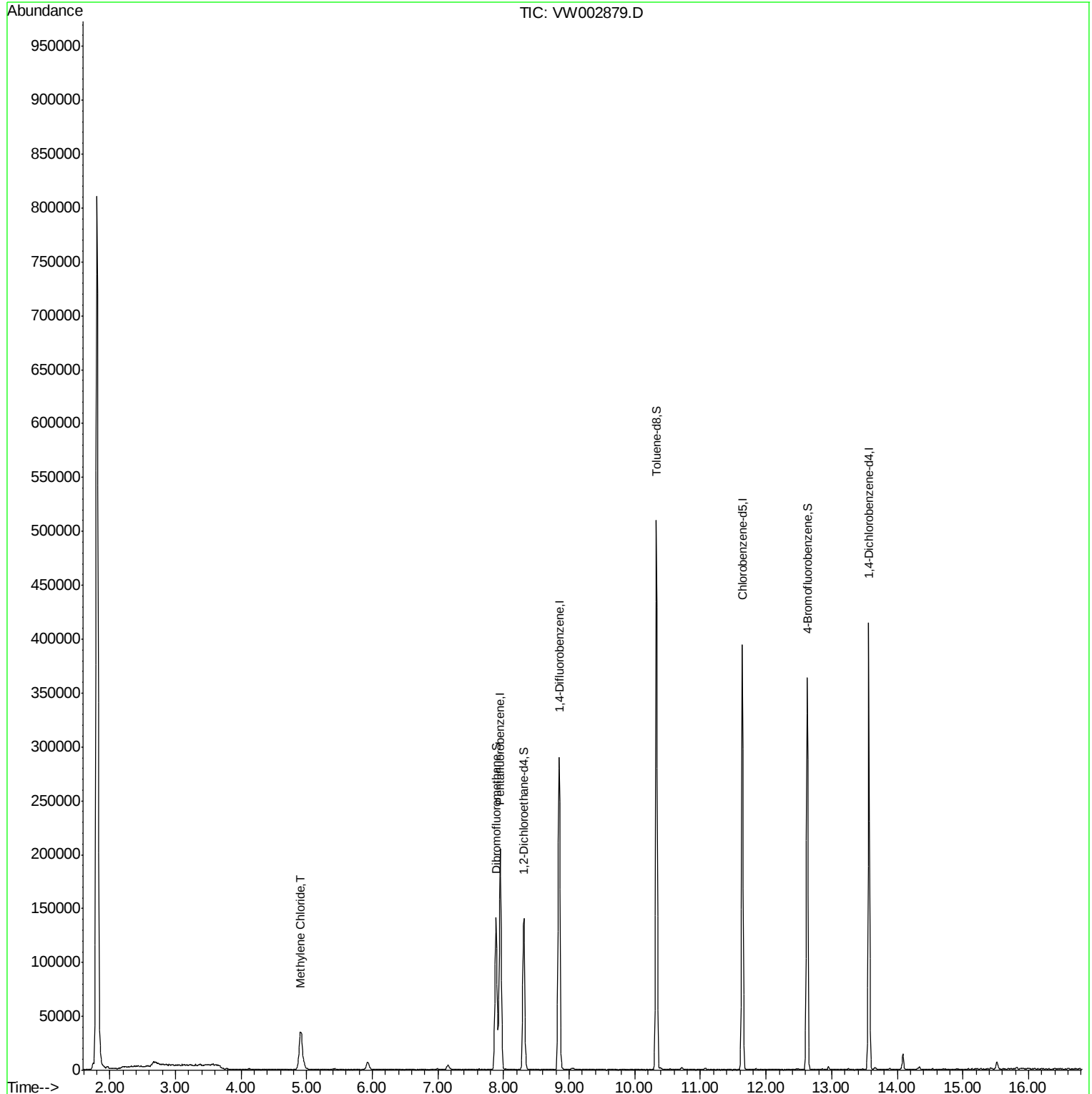
Quant Time: May 26 01:05:32 2018

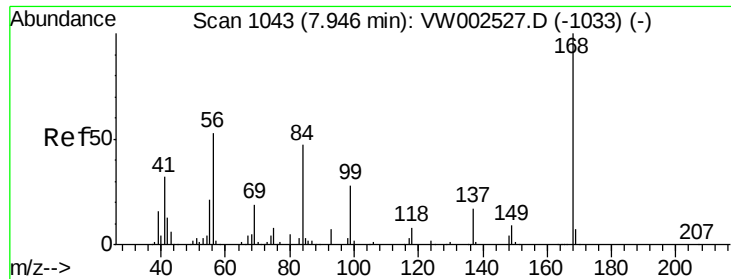
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M

Quant Title : SW846 8260

QLast Update : Tue May 15 03:32:11 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.01 min

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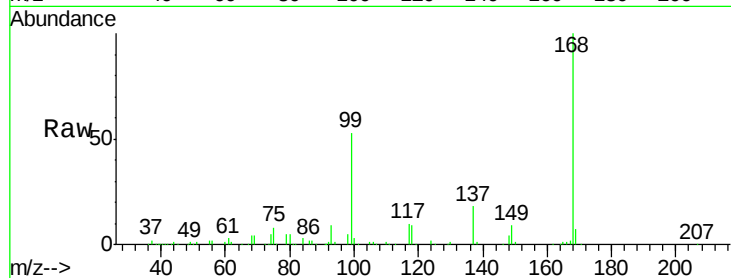
Acq: 25 May 2018 17:50

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

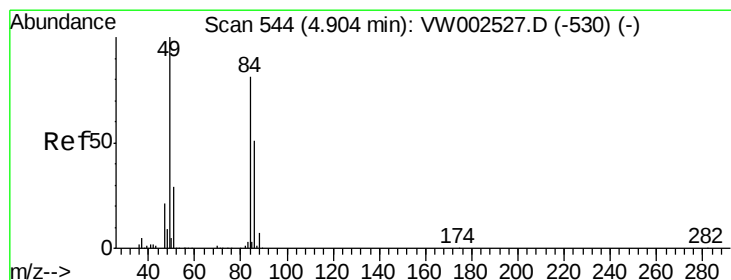
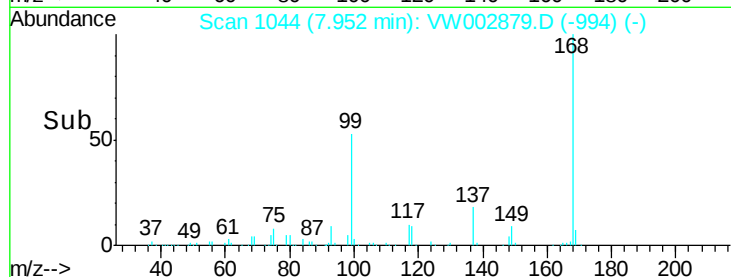
60000

40000

20000

0

Time-->



#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

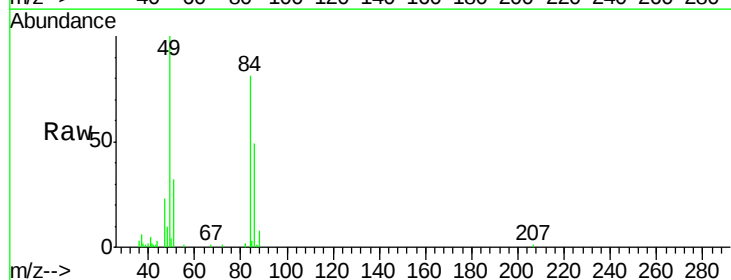
Ion Ratio Lower Upper

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

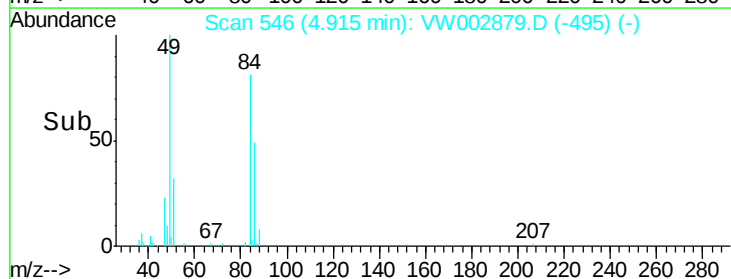
15000

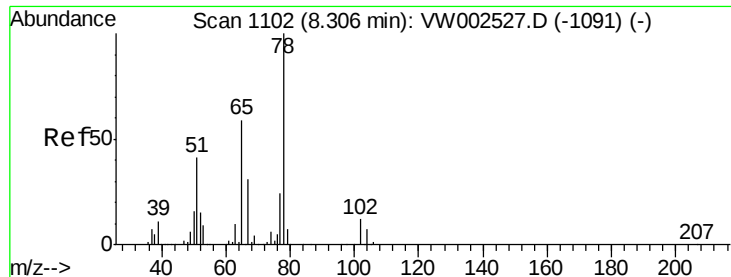
10000

5000

0

Time-->





#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

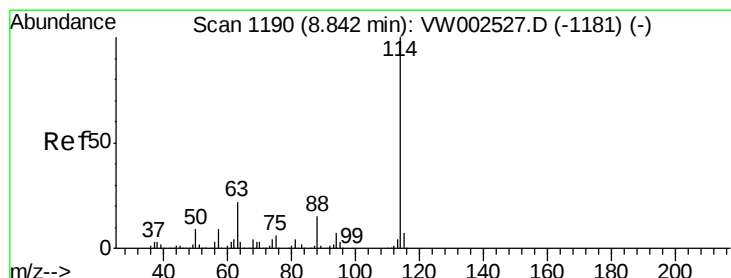
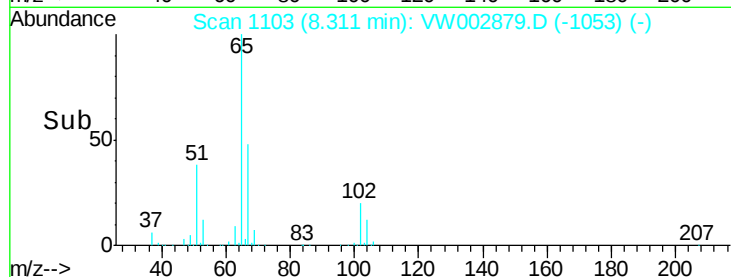
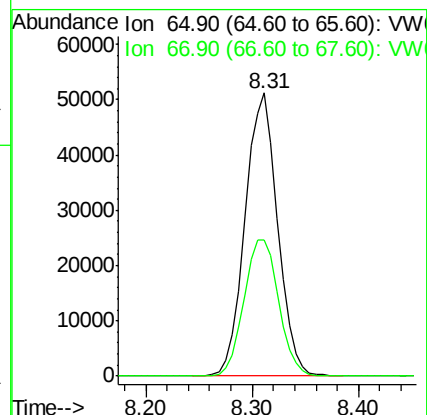
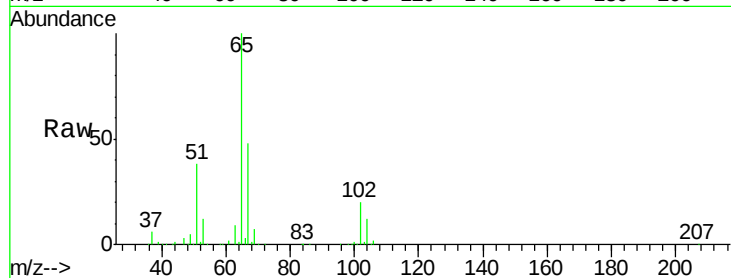
Acq: 25 May 2018 17:50

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

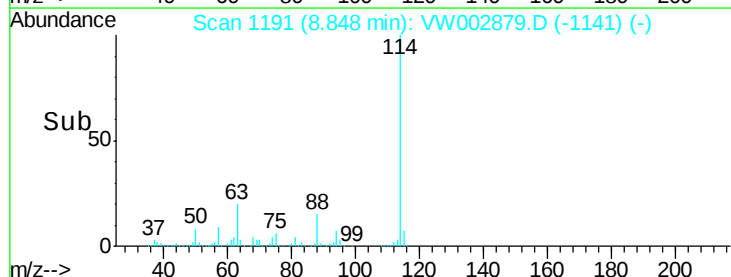
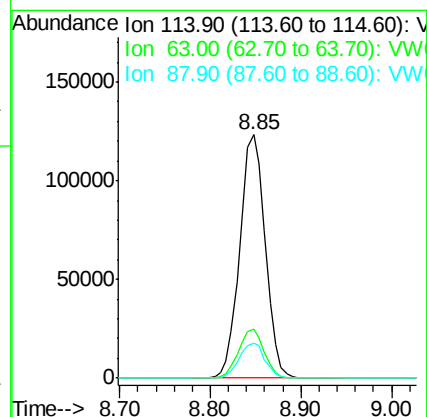
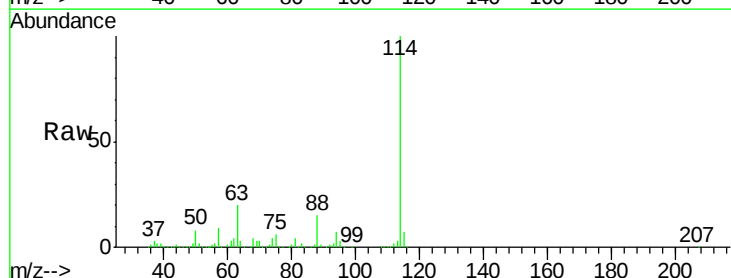
Tgt Ion: 114 Resp: 239990

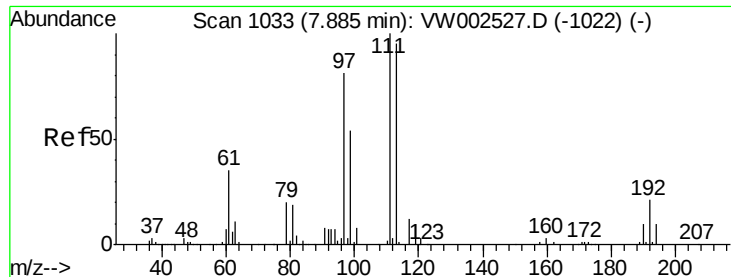
Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

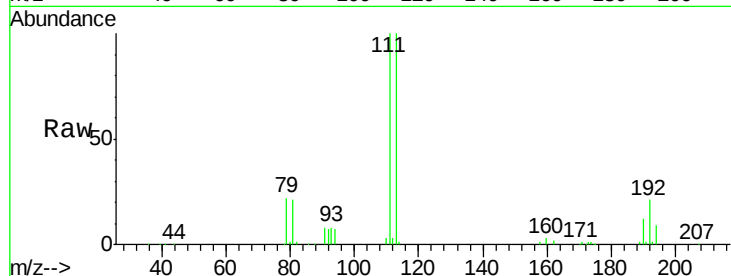
88 14.6 0.0 29.2



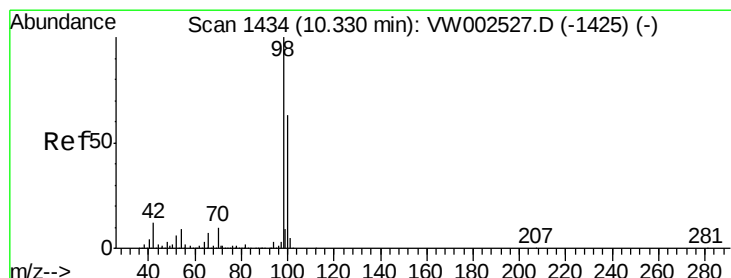
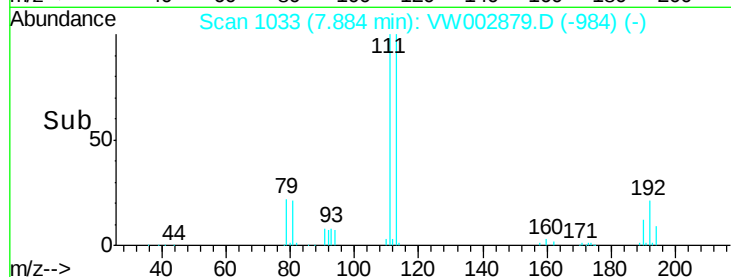
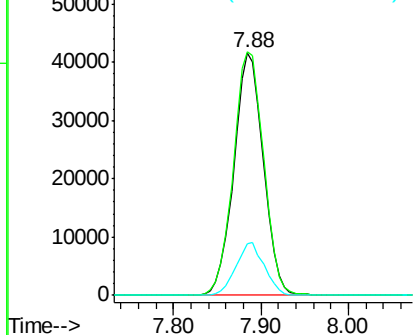


#35
Dibromofluoromethane
Concen: 63.92 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. -0.00 min
Lab File: VW002879.D
Acq: 25 May 2018 17:50

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.8	122.8
192	21.0	17.5	26.3

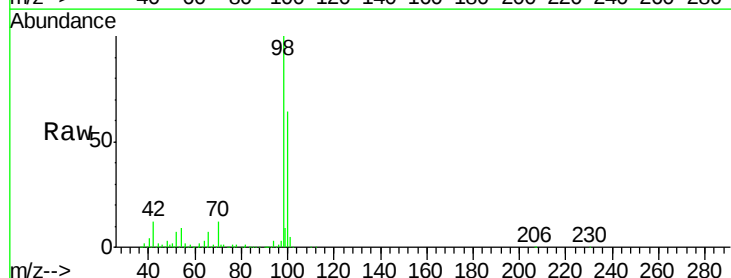


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

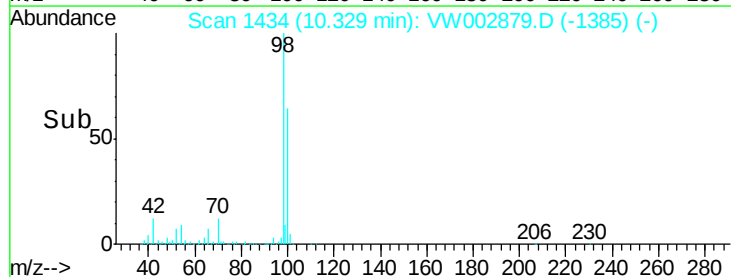
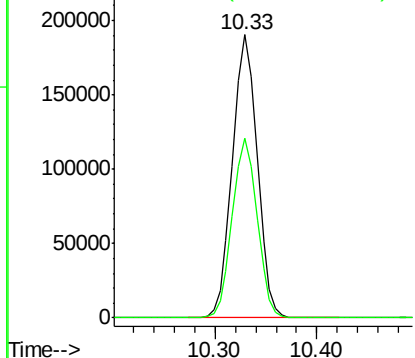


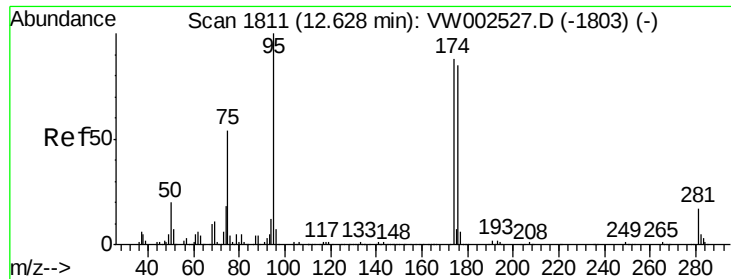
#50
Toluene-d8
Concen: 55.55 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW002879.D
Acq: 25 May 2018 17:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.0	76.4



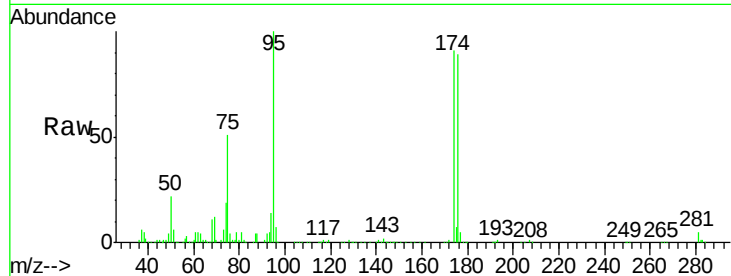
Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#62
4-Bromofluorobenzene
Concen: 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

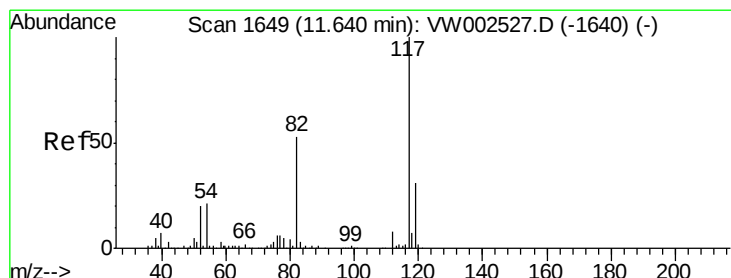
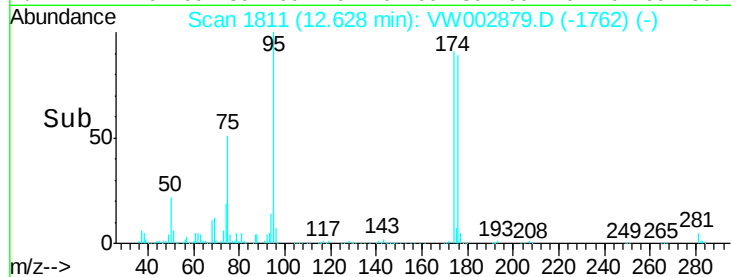
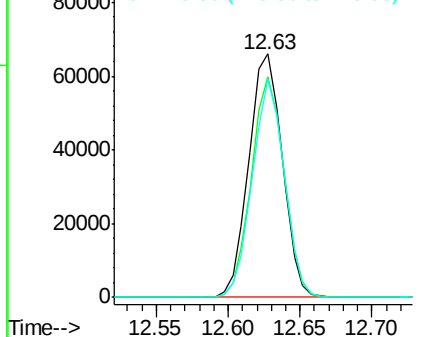
Tgt Ion	Ratio	Resp	Lower	Upper
95	100	106185		
174	88.4	0.0	176.6	
176	85.2	0.0	172.2	



Abundance Ion 94.90 (94.60 to 95.60): VW

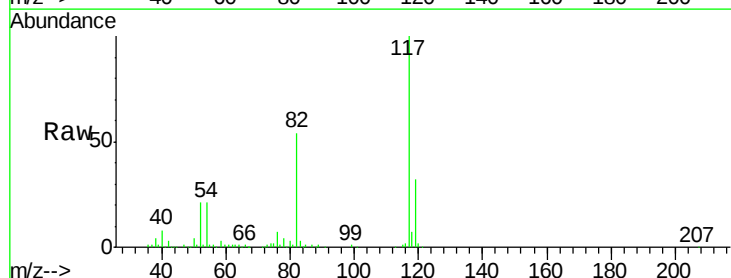
Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#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

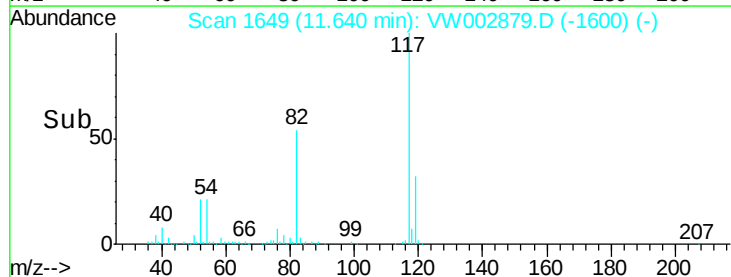
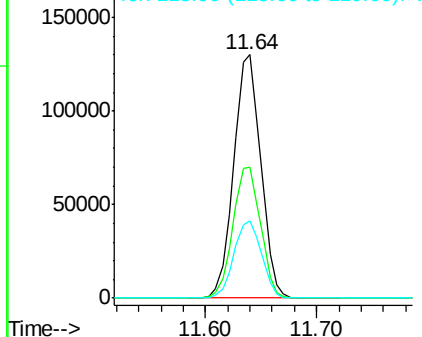
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	218952		
82	53.8	42.6	64.0	
119	31.8	25.0	37.6	

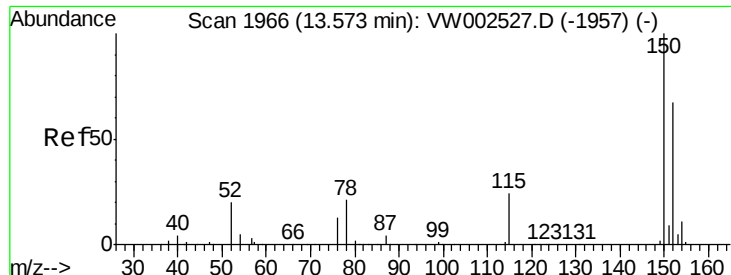


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

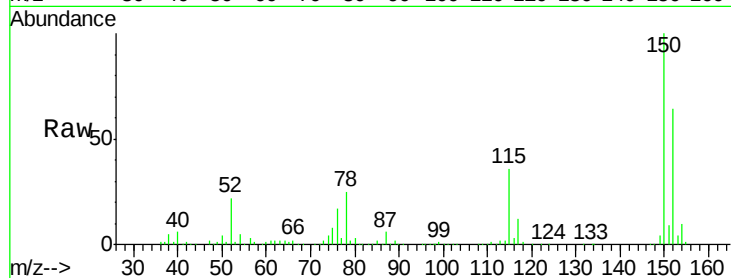
Ion 118.90 (118.60 to 119.60): VW





#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:	152	Resp:	104342
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

