

Data File : VW002883.D
Acq On : 25 May 2018 19:34
Operator : JC/SY
Sample : J3078-07RE
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 26 01:12:03 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	119975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	196855	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	179519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	82311	50.00	ug/l	0.00

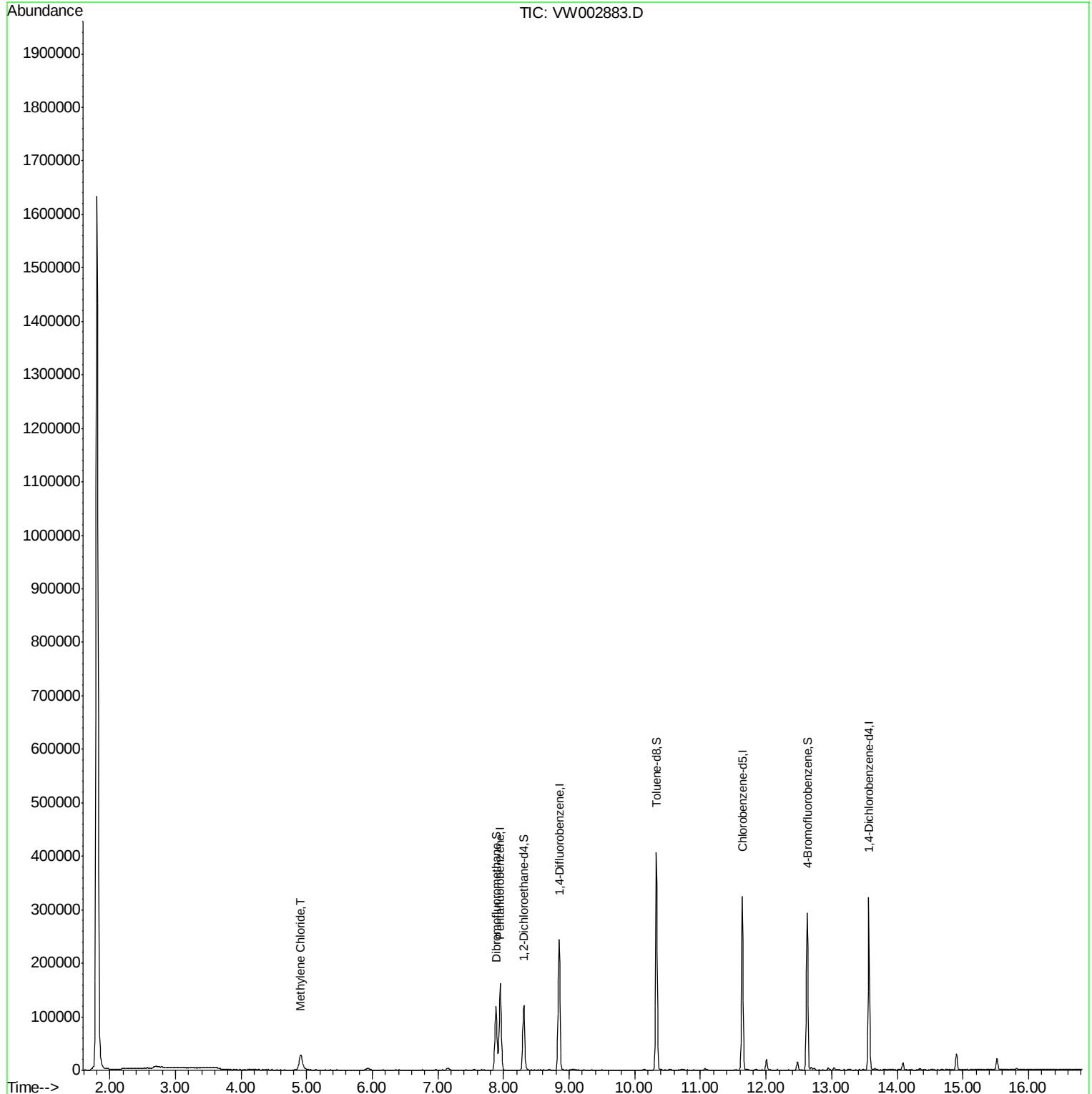
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	91335	73.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	147.34%	
35) Dibromofluoromethane	7.88	113	82580	66.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.24%	
50) Toluene-d8	10.33	98	263127	55.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.76%	
62) 4-Bromofluorobenzene	12.63	95	85032	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	

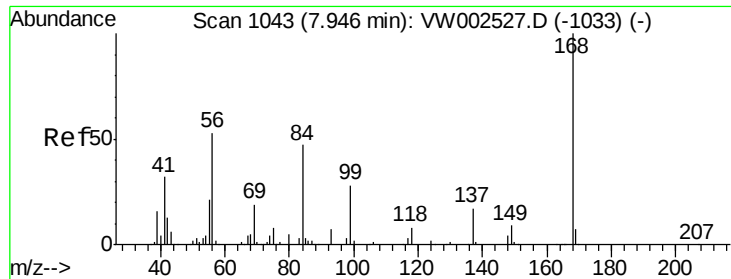
Target Compounds						Qvalue
20) Methylene Chloride	4.90	84	24832	22.32	ug/l	89

(#) = 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

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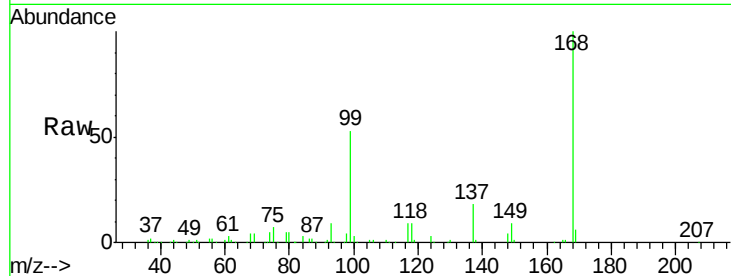
Acq: 25 May 2018 19:34

Tgt Ion: 168 Resp: 119975

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

50000

40000

30000

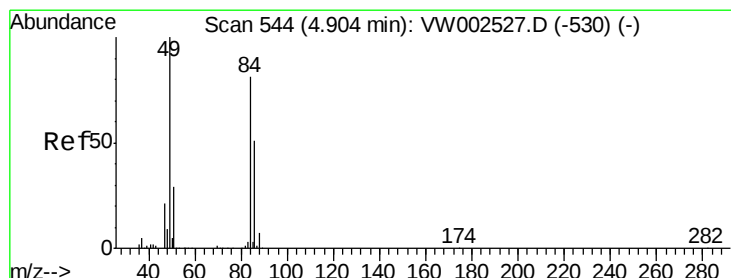
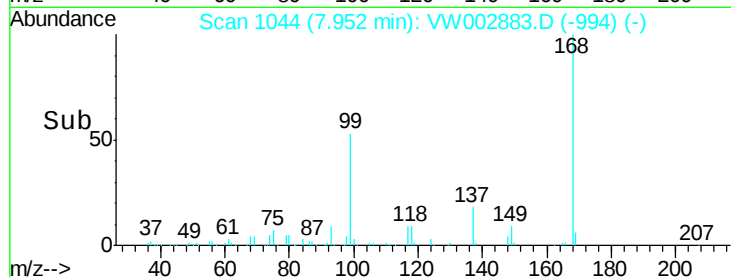
20000

10000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#20

Methylene Chloride

Concen: 22.32 ug/l

RT: 4.90 min Scan# 544

Delta R.T. 0.00 min

Lab File: VW002883.D

Acq: 25 May 2018 19:34

Tgt Ion: 84 Resp: 24832

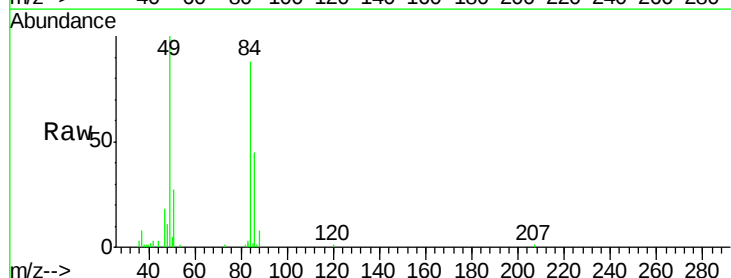
Ion Ratio Lower Upper

84 100

49 113.5 99.4 149.0

51 30.7 29.0 43.6

86 51.7 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

4.90

12000

10000

8000

6000

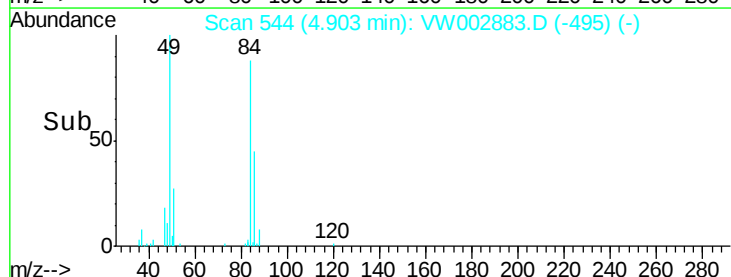
4000

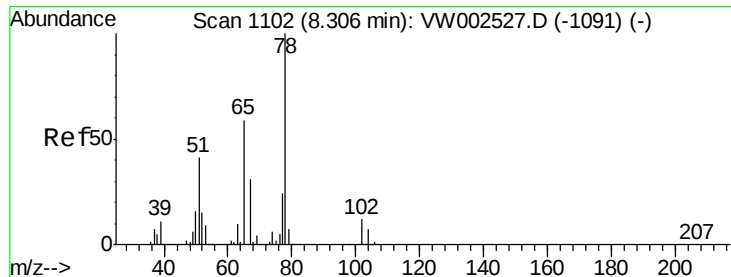
2000

0

Time-->

4.80 4.90 5.00 5.10





#33

1,2-Dichloroethane-d4

Concen: 73.67 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW002883.D

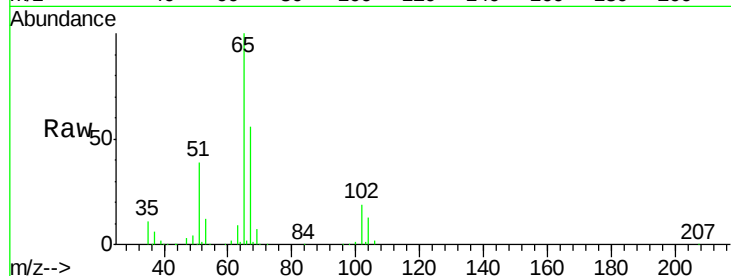
Acq: 25 May 2018 19:34

Tgt Ion: 65 Resp: 91335

Ion Ratio Lower Upper

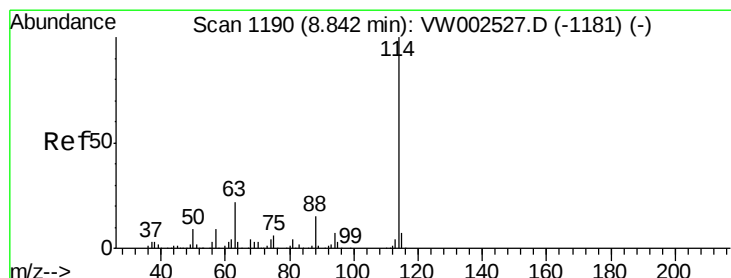
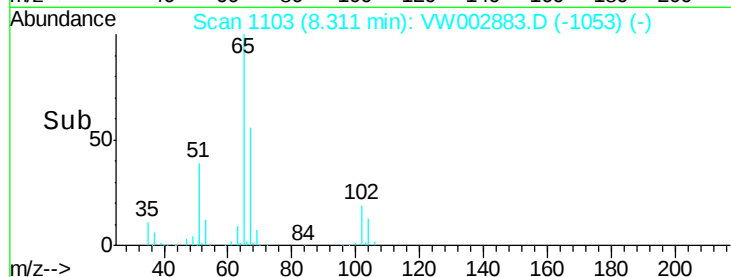
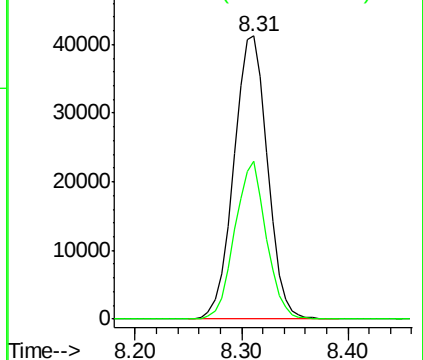
65 100

67 52.4 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: VW002883.D

Acq: 25 May 2018 19:34

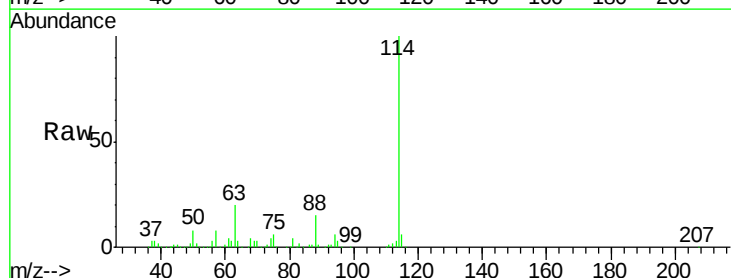
Tgt Ion: 114 Resp: 196855

Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

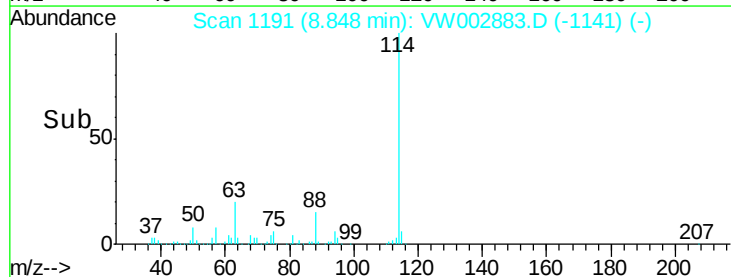
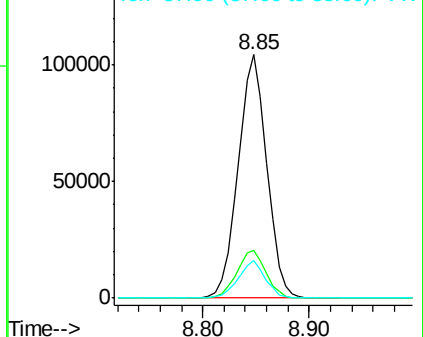
88 15.2 0.0 29.2

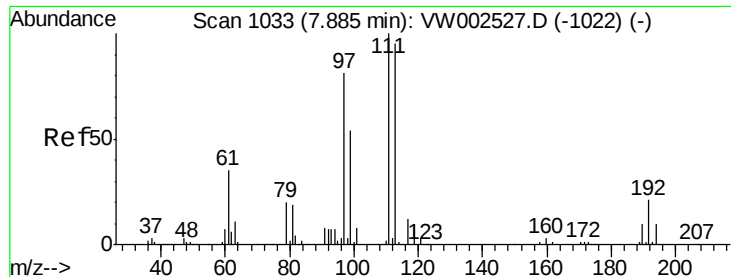


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

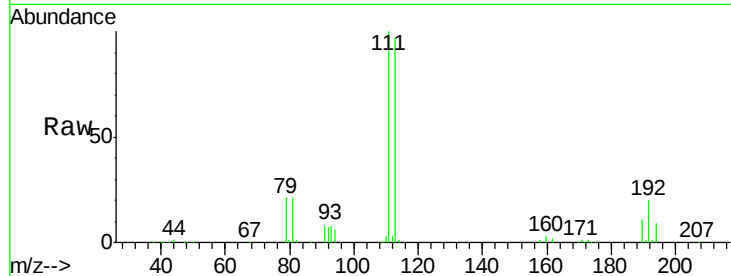
Ion 87.90 (87.60 to 88.60): VW



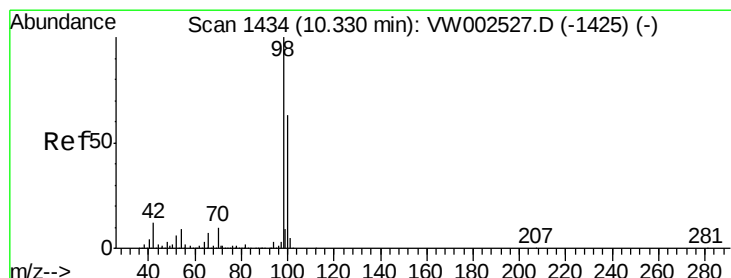
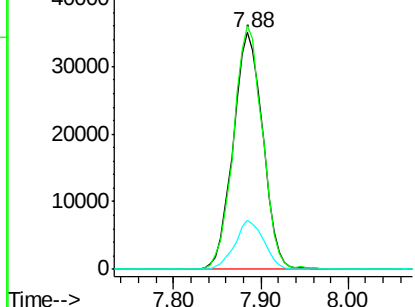
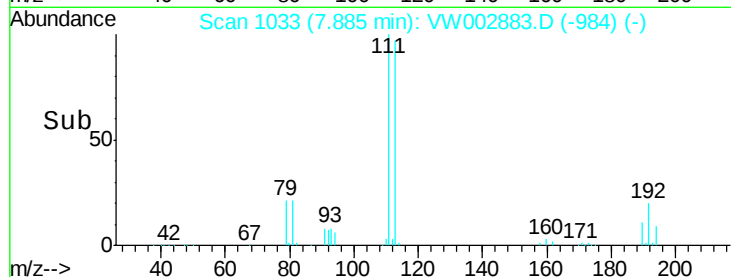


#35
 Dibromofluoromethane
 Concen: 66.12 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002883.D
 Acq: 25 May 2018 19:34

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.6	81.8	122.8
192	20.1	17.5	26.3

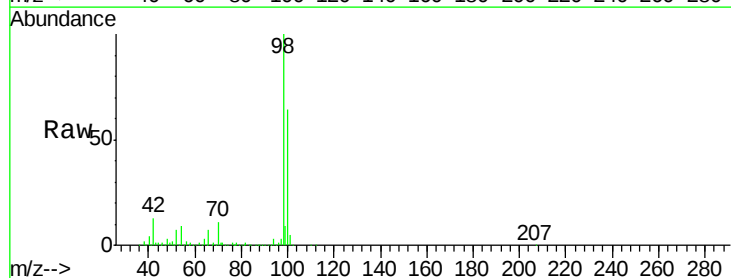


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

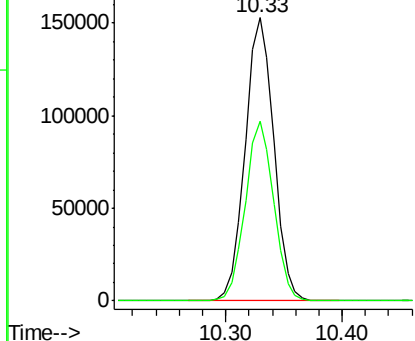
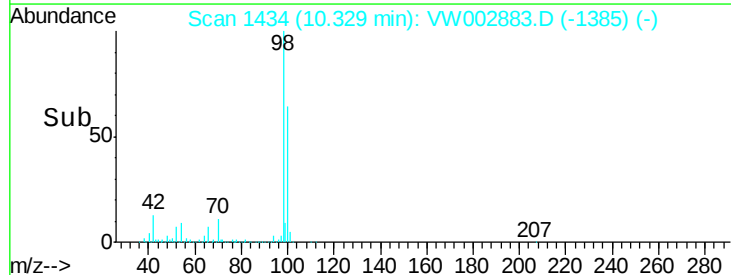


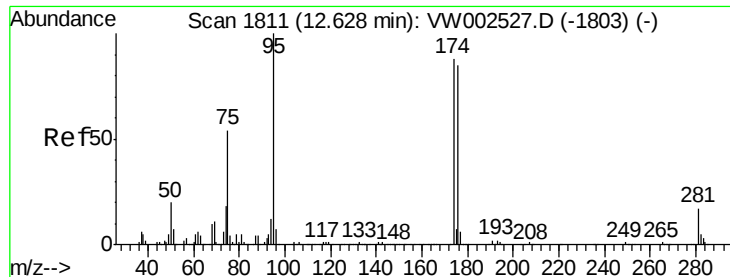
#50
 Toluene-d8
 Concen: 55.38 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW002883.D
 Acq: 25 May 2018 19:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.8	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: 48.94 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002883.D

Acq: 25 May 2018 19:34

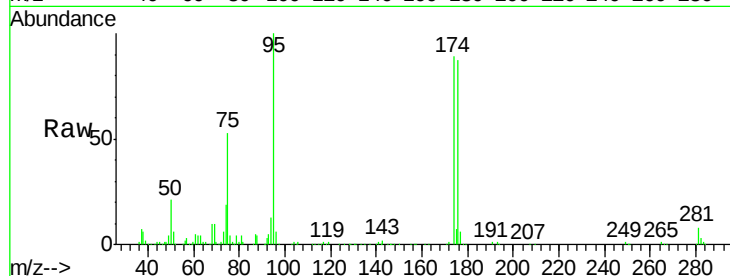
Tgt Ion: 95 Resp: 85032

Ion Ratio Lower Upper

95 100

174 90.0 0.0 176.6

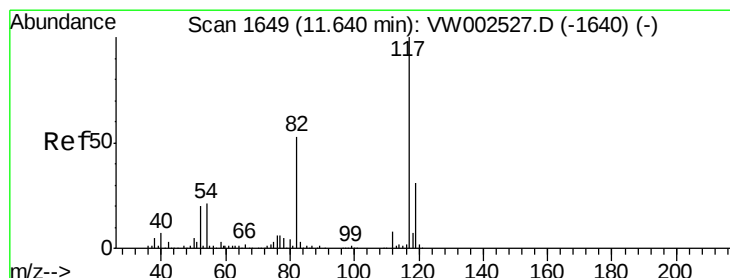
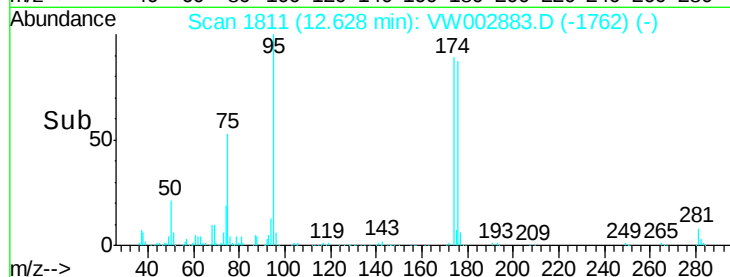
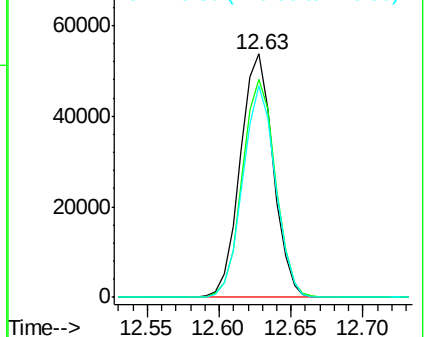
176 85.8 0.0 172.2



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: VW002883.D

Acq: 25 May 2018 19:34

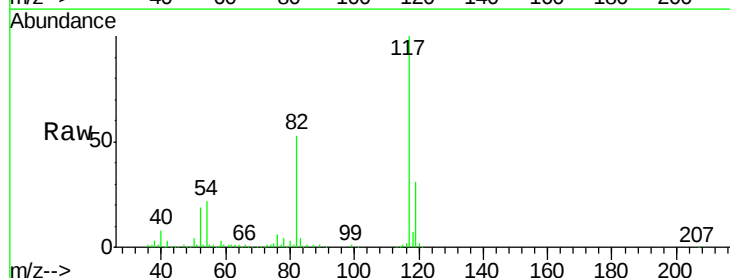
Tgt Ion: 117 Resp: 179519

Ion Ratio Lower Upper

117 100

82 53.1 42.6 64.0

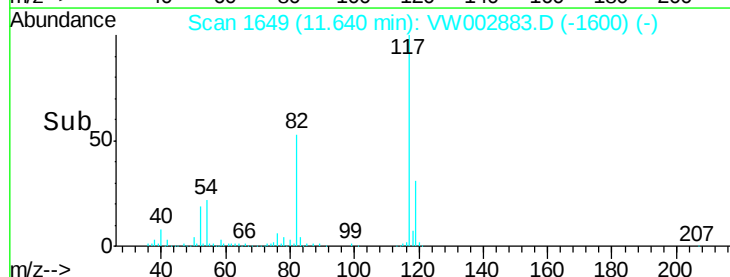
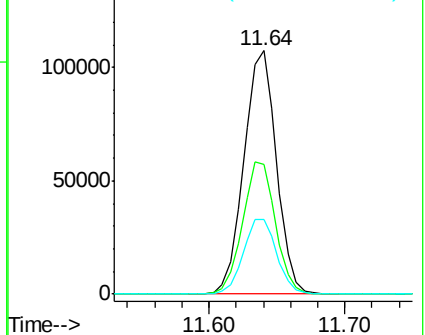
119 30.9 25.0 37.6

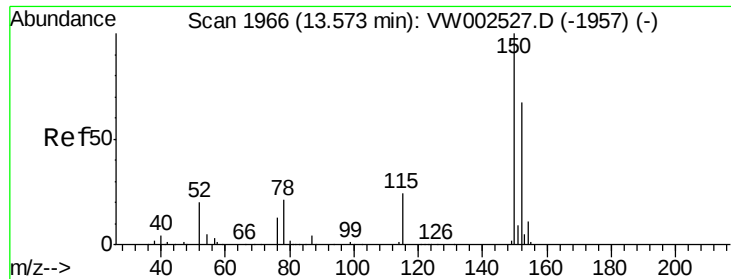


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW002883.D

Acq: 25 May 2018 19:34

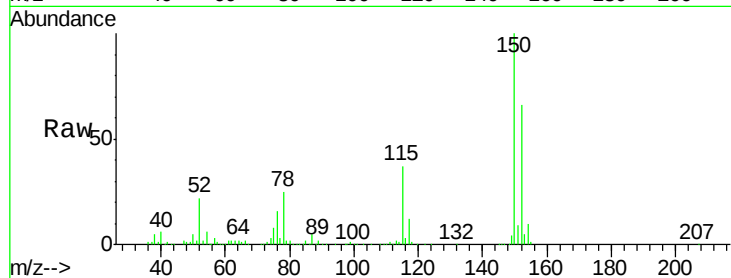
Tgt Ion:152 Resp: 82311

Ion Ratio Lower Upper

152 100

115 55.3 28.0 84.0

150 155.2 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

