

Data File : VW002881.D
Acq On : 25 May 2018 18:42
Operator : JC/SY
Sample : J3078-01RE
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 26 01:08:38 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	135164	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	221360	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	203486	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	91618	50.00	ug/l	0.00

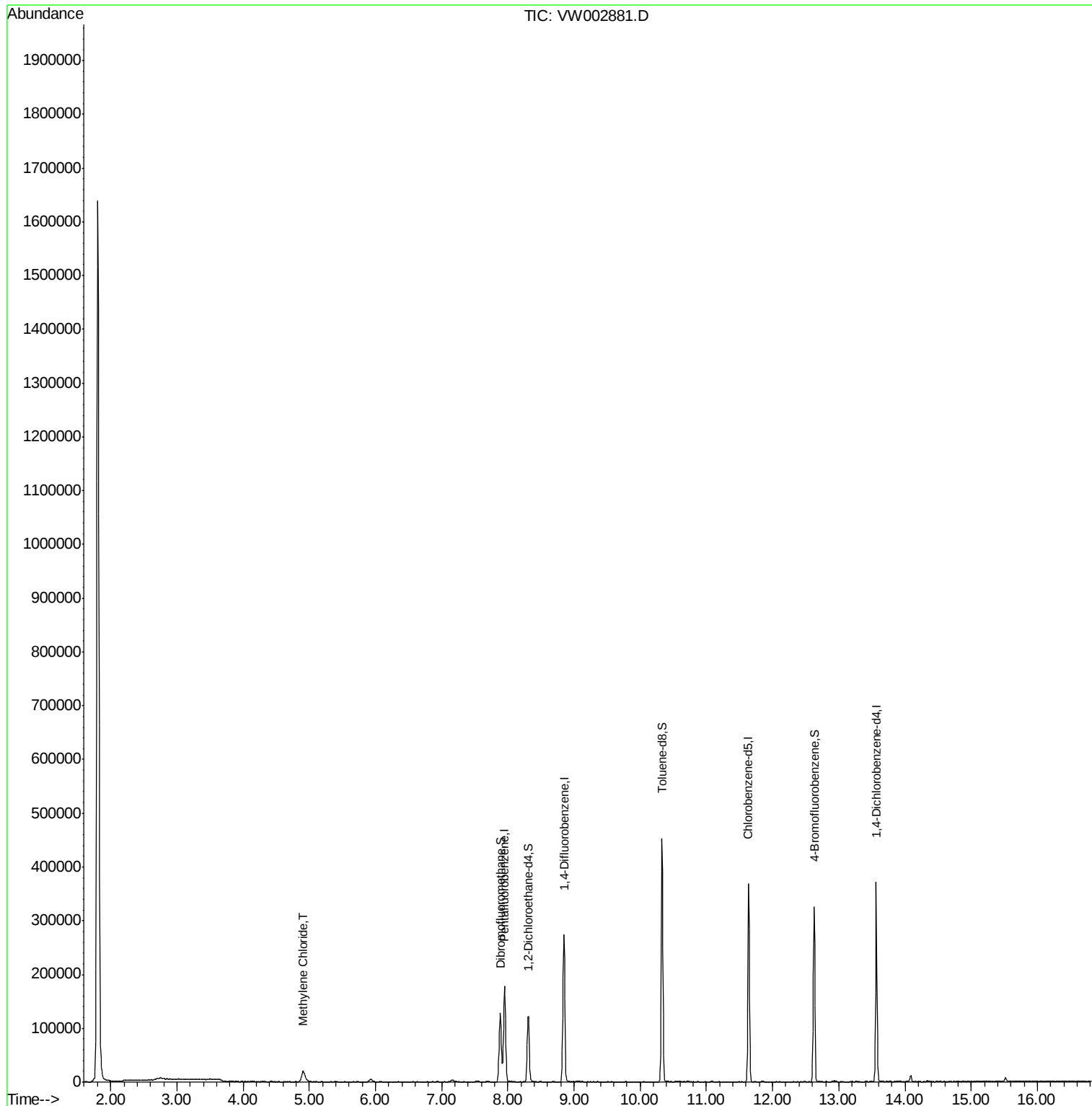
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	98275	70.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	140.72%	
35) Dibromofluoromethane	7.88	113	88694	63.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.32%	
50) Toluene-d8	10.33	98	288445	53.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.98%	
62) 4-Bromofluorobenzene	12.63	95	91841	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	

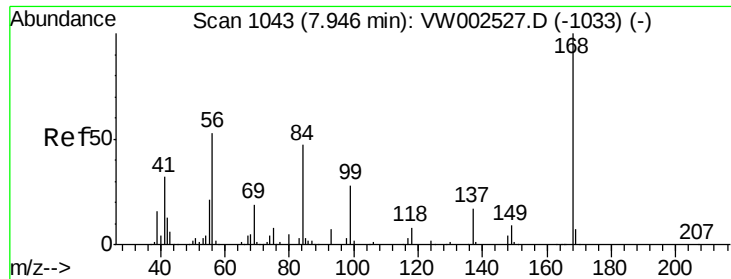
Target Compounds						Qvalue
20) Methylene Chloride	4.91	84	16592	12.06	ug/l	95

(#) = 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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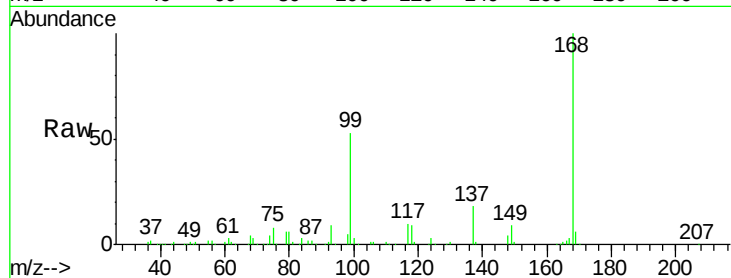
Acq: 25 May 2018 18:42

Tgt Ion: 168 Resp: 135164

Ion Ratio Lower Upper

168 100

99 53.2 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

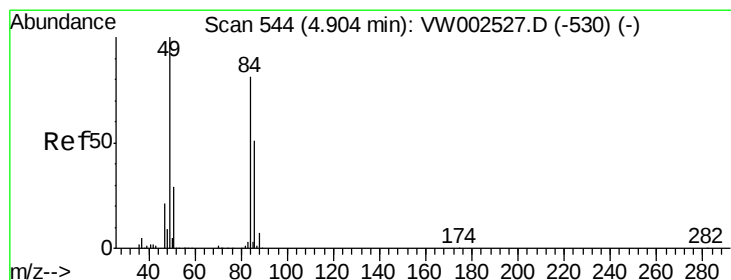
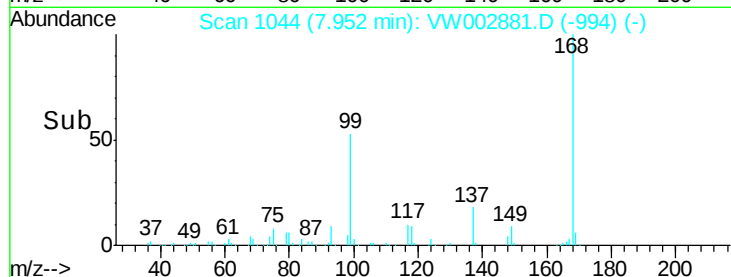
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 12.06 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.01 min

Lab File: VW002881.D

Acq: 25 May 2018 18:42

Tgt Ion: 84 Resp: 16592

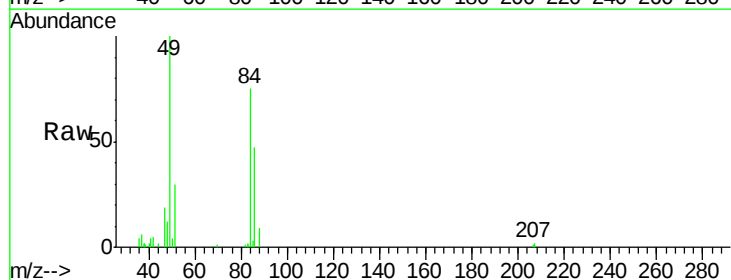
Ion Ratio Lower Upper

84 100

49 132.7 99.4 149.0

51 39.6 29.0 43.6

86 62.2 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

4.91

8000

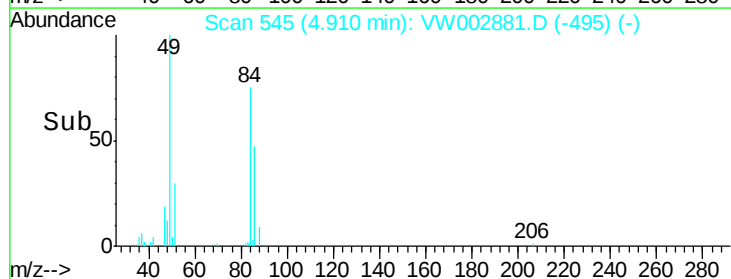
6000

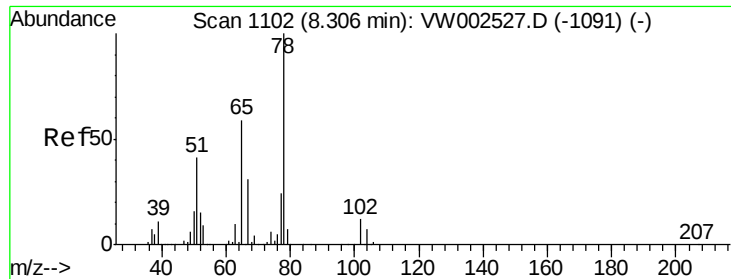
4000

2000

0

Time--> 4.80 4.90 5.00





#33

1,2-Dichloroethane-d4

Concen: 70.36 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW002881.D

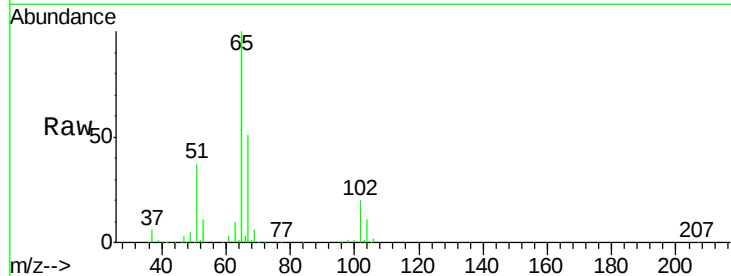
Acq: 25 May 2018 18:42

Tgt Ion: 65 Resp: 98275

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

40000

30000

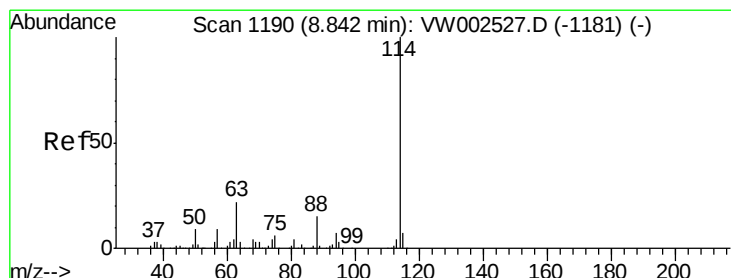
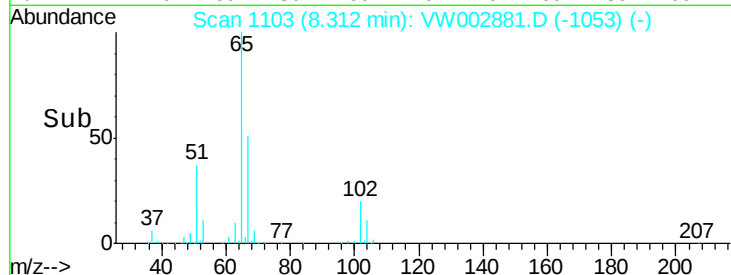
20000

10000

0

8.20 8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.01 min

Lab File: VW002881.D

Acq: 25 May 2018 18:42

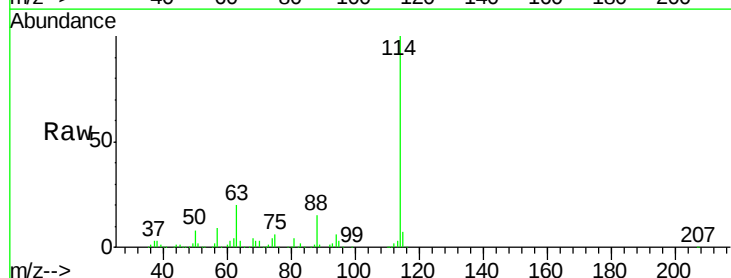
Tgt Ion: 114 Resp: 221360

Ion Ratio Lower Upper

114 100

63 19.8 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

150000

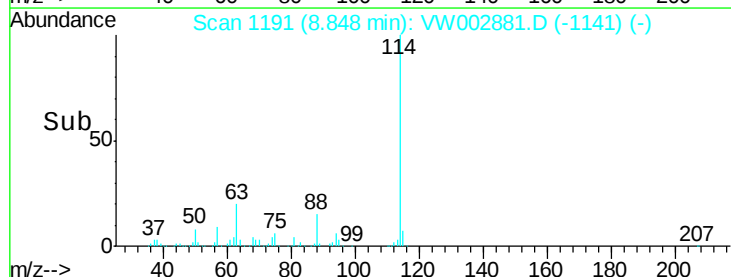
100000

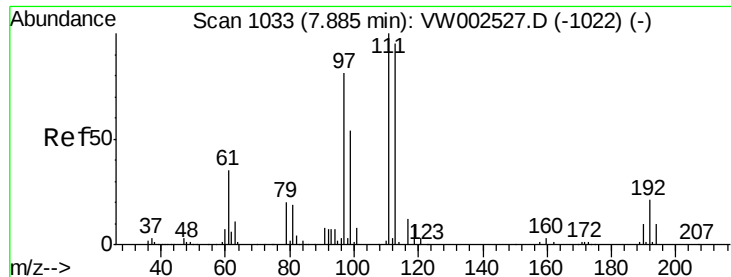
50000

0

8.80 8.85 8.90

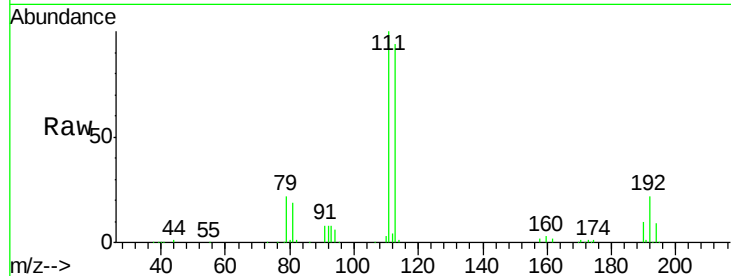
Time-->



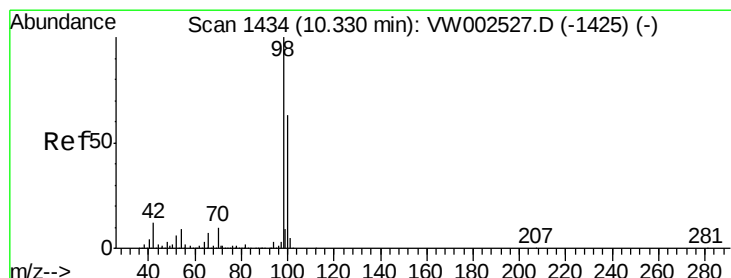
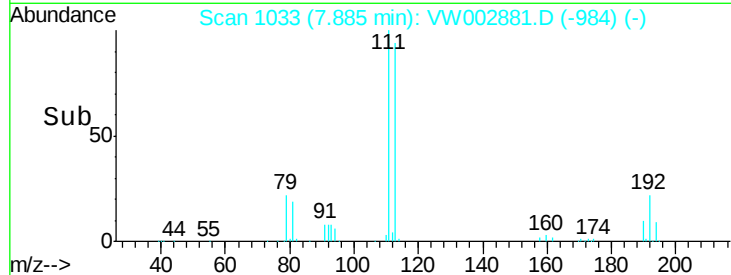
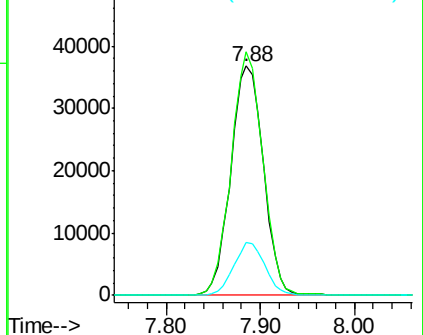


#35
Dibromofluoromethane
Concen: 63.16 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW002881.D
Acq: 25 May 2018 18:42

Tgt Ion: 113 Resp: 88694
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.8
192 22.0 17.5 26.3

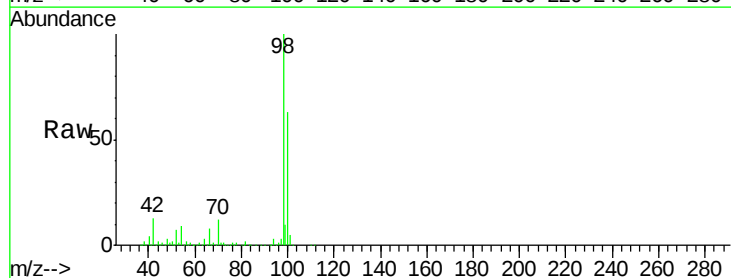


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

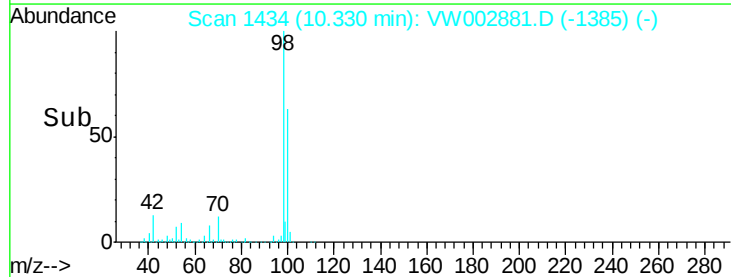
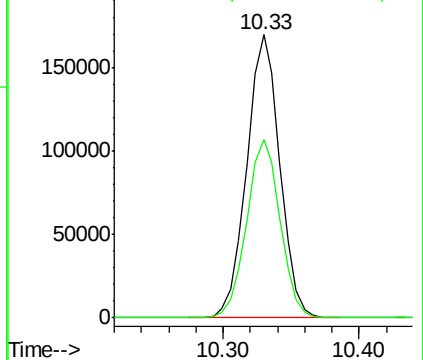


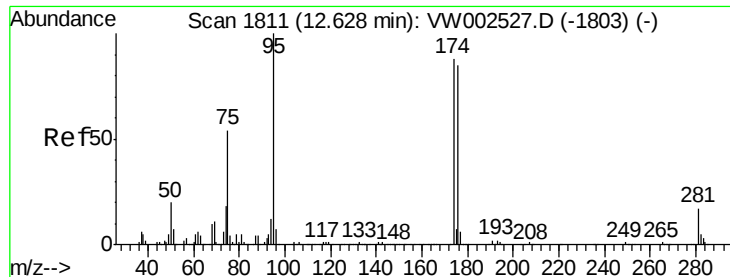
#50
Toluene-d8
Concen: 53.99 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW002881.D
Acq: 25 May 2018 18:42

Tgt Ion: 98 Resp: 288445
Ion Ratio Lower Upper
98 100
100 63.7 51.0 76.4



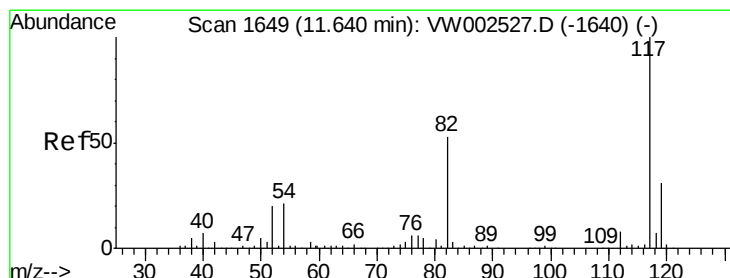
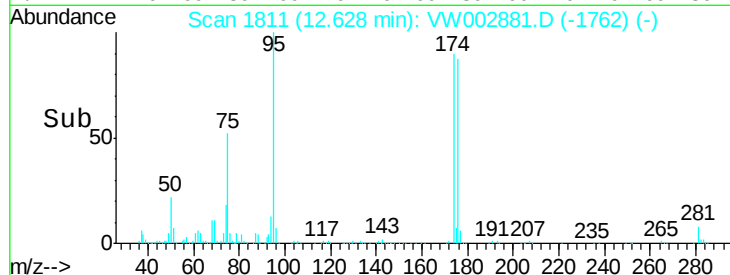
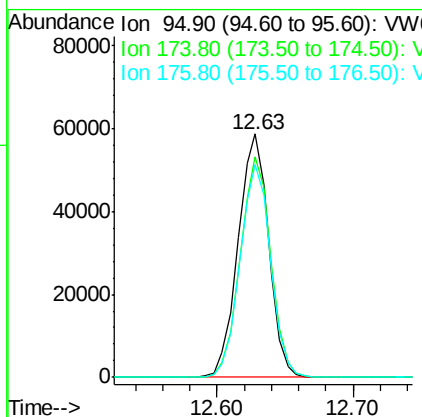
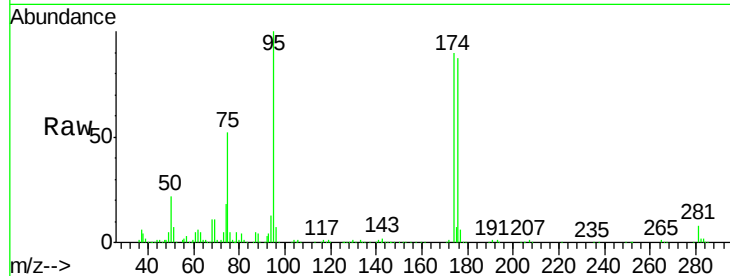
Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





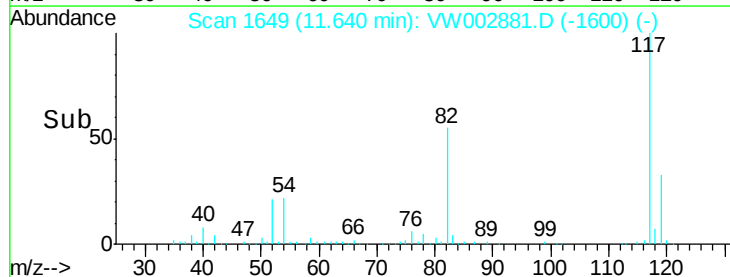
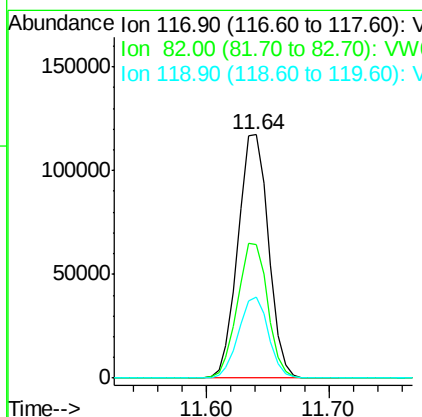
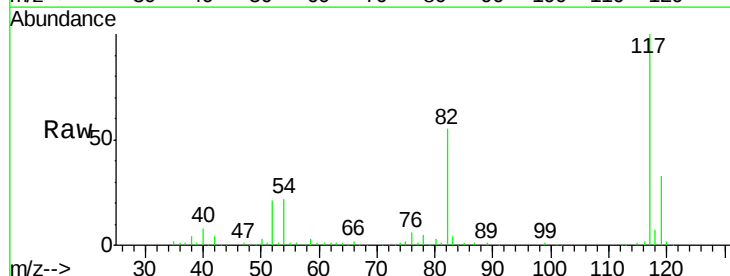
#62
4-Bromofluorobenzene
Concen: 47.01 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW002881.D
Acq: 25 May 2018 18:42

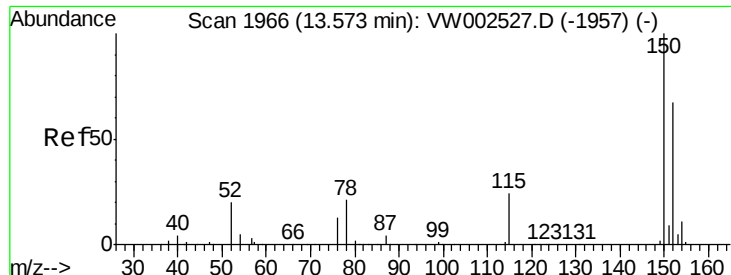
Tgt Ion: 95 Resp: 91841
Ion Ratio Lower Upper
95 100
174 90.4 0.0 176.6
176 87.5 0.0 172.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW002881.D
Acq: 25 May 2018 18:42

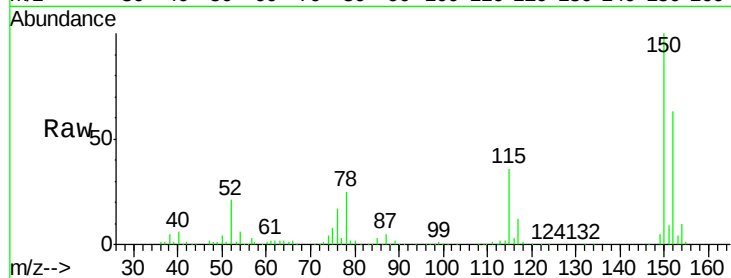
Tgt Ion: 117 Resp: 203486
Ion Ratio Lower Upper
117 100
82 54.6 42.6 64.0
119 33.5 25.0 37.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.57 min Scan# 1965
 Delta R.T. -0.01 min
 Lab File: VW002881.D
 Acq: 25 May 2018 18:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.2	28.0	84.0
150	157.3	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

