

Data File : VW002866.D
Acq On : 25 May 2018 01:52
Operator : JC/SY
Sample : J3024-03RE
Misc : 5.81G/5ML/MSVOA_W/SOIL
ALS Vial : 36 Sample Multiplier: 1

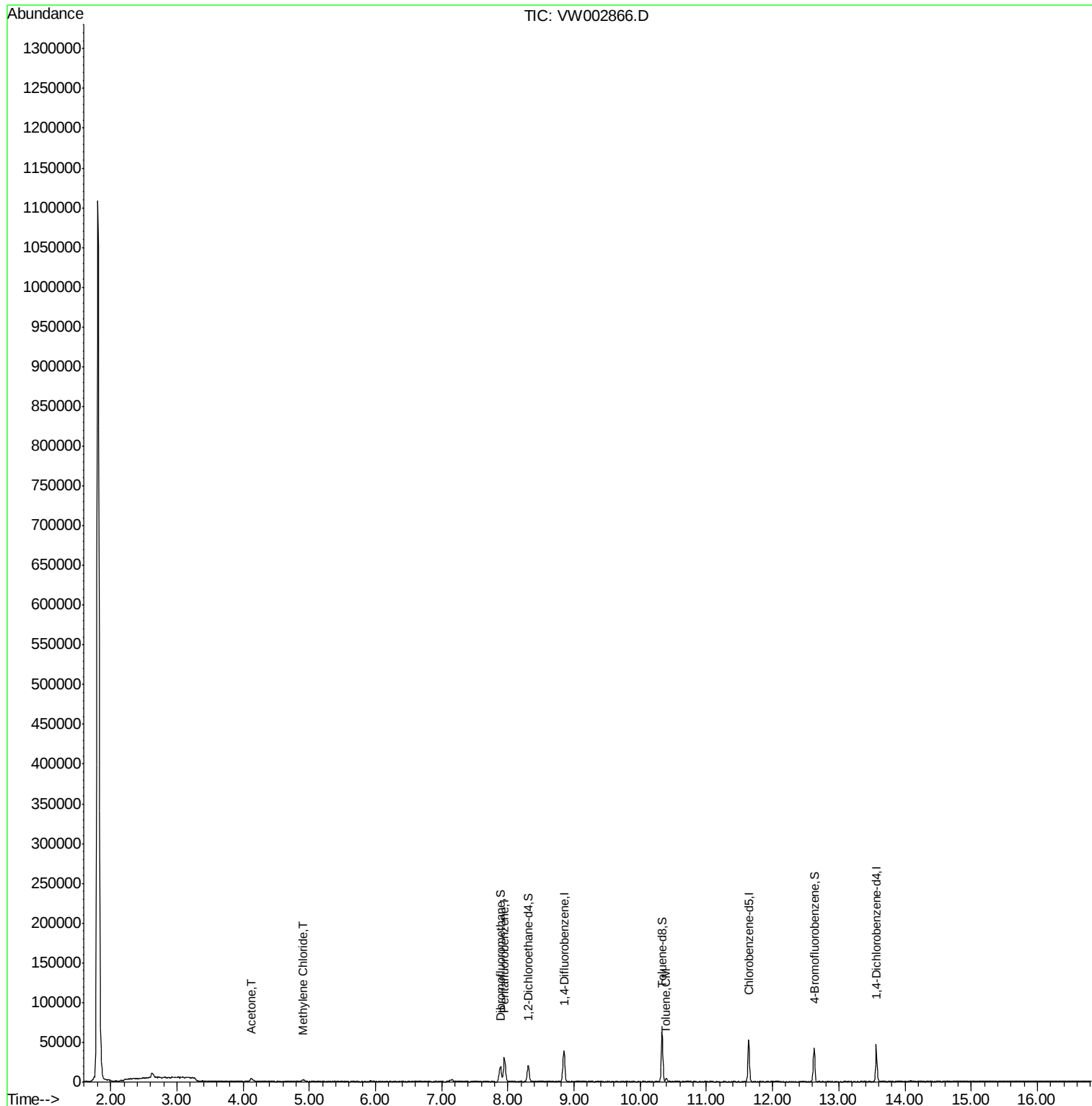
Quant Time: May 25 09:10:38 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
Quant Title : SW846 8260
QLast Update : Tue May 15 03:32:11 2018
Response via : Initial Calibration

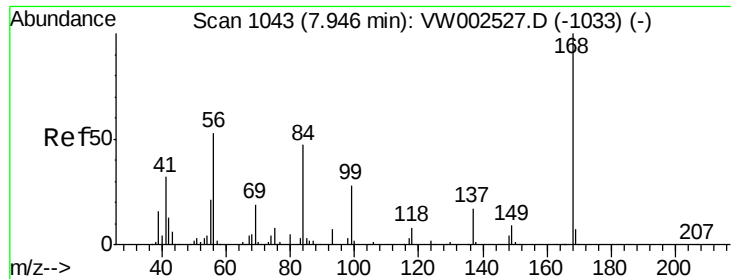
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Pentafluorobenzene	7.95	168	21607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	31004	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	28123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	12079	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	15293	68.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	136.98%	
35) Dibromofluoromethane	7.88	113	13472	68.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	136.98%	
50) Toluene-d8	10.33	98	40027	53.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.98%	
62) 4-Bromofluorobenzene	12.63	95	12044	44.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.04%	
Target Compounds						Qvalue
16) Acetone	4.12	43	6647	141.01	ug/l	96
20) Methylene Chloride	4.91	84	1407	5.03	ug/l #	69
52) Toluene	10.40	92	1690	3.40	ug/l	94
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(#) = 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: VW002866.D

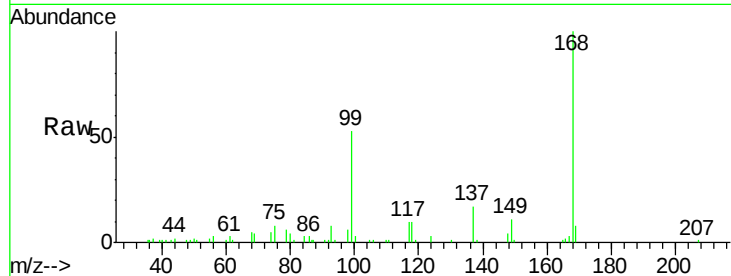
Acq: 25 May 2018 01:52

Tgt Ion: 168 Resp: 21607

Ion Ratio Lower Upper

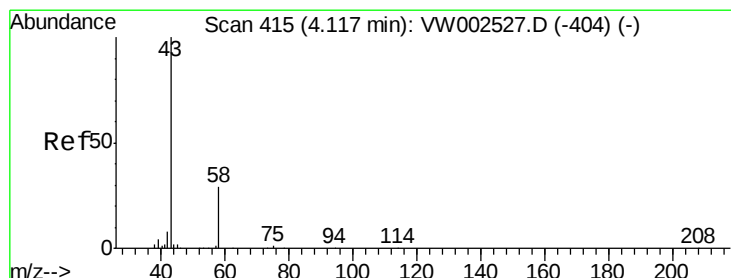
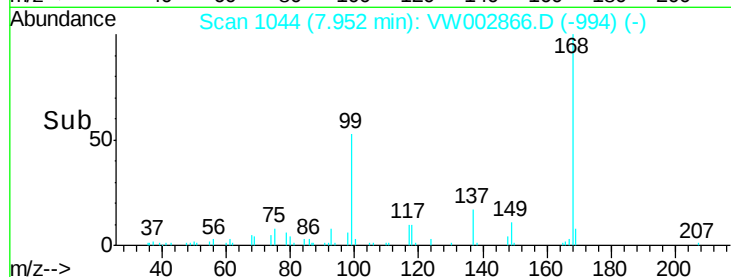
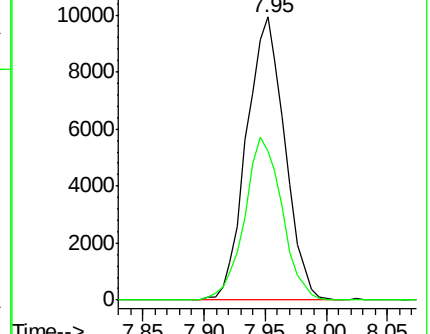
168 100

99 52.6 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 141.01 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

Lab File: VW002866.D

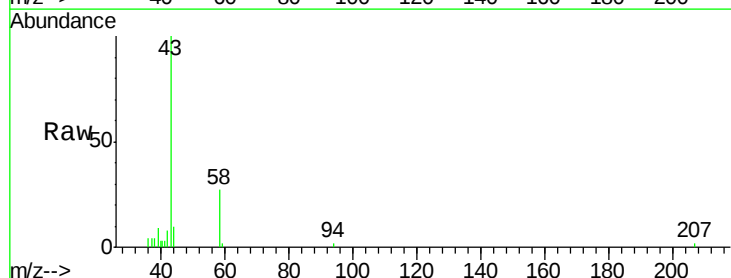
Acq: 25 May 2018 01:52

Tgt Ion: 43 Resp: 6647

Ion Ratio Lower Upper

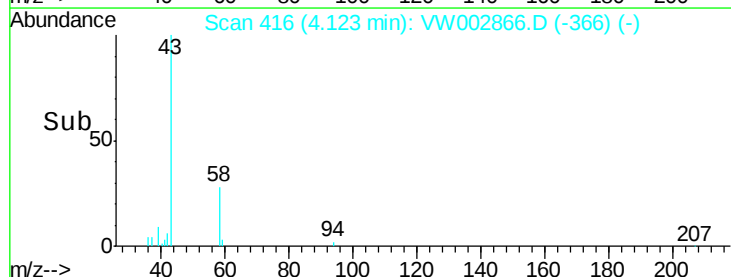
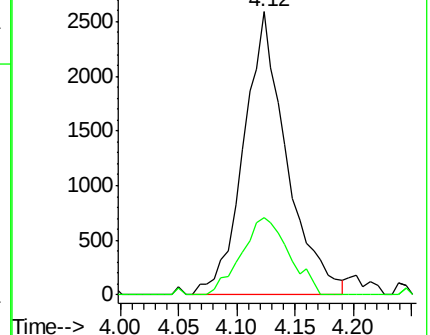
43 100

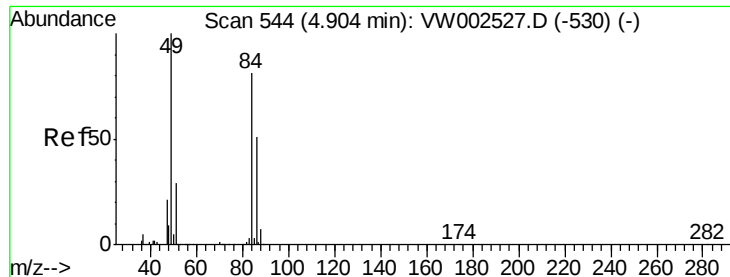
58 27.2 23.4 35.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 5.03 ug/l

RT: 4.91 min Scan# 545

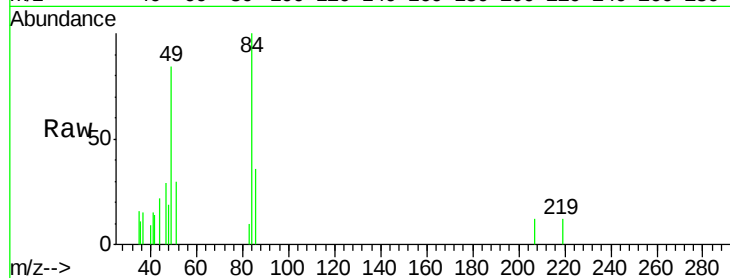
Delta R.T. 0.01 min

Lab File: VW002866.D

Acq: 25 May 2018 01:52

Tgt Ion: 84 Resp: 1407

Ion	Ratio	Lower	Upper
84	100		
49	84.5	99.4	149.0#
51	29.6	29.0	43.6
86	36.4	50.3	75.5#

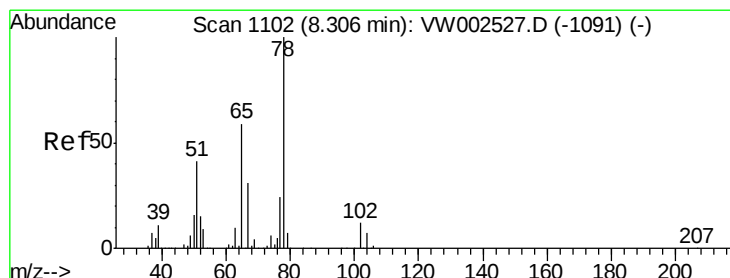
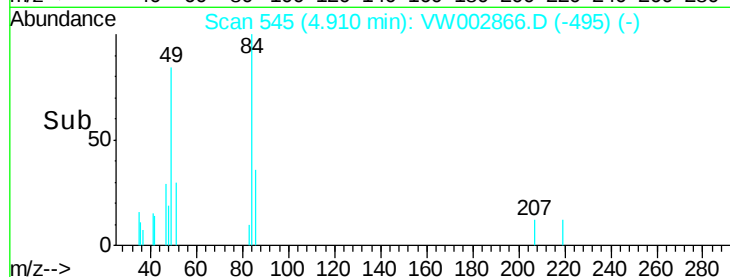
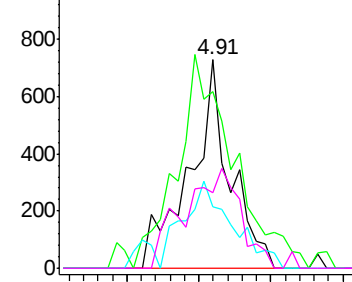


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#33

1,2-Dichloroethane-d4

Concen: 68.49 ug/l

RT: 8.31 min Scan# 1102

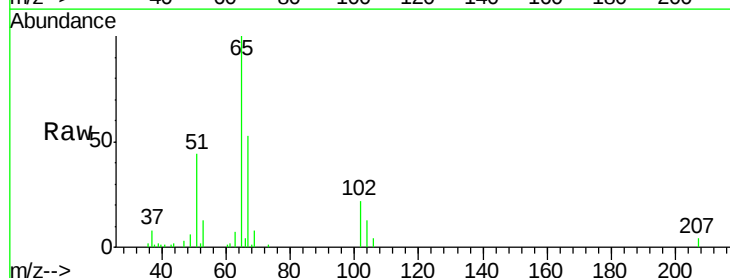
Delta R.T. -0.00 min

Lab File: VW002866.D

Acq: 25 May 2018 01:52

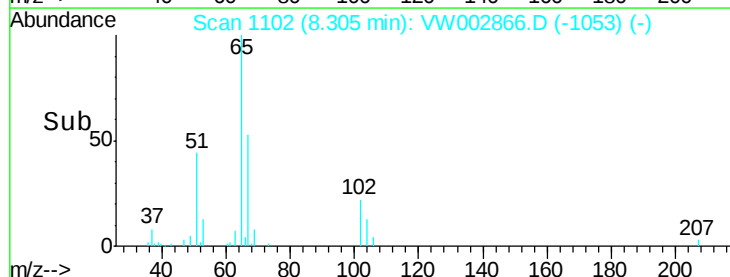
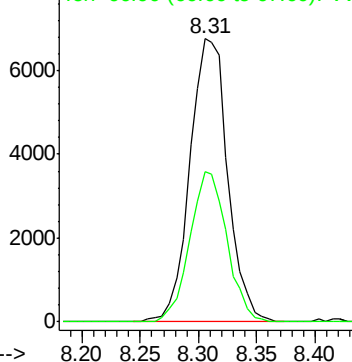
Tgt Ion: 65 Resp: 15293

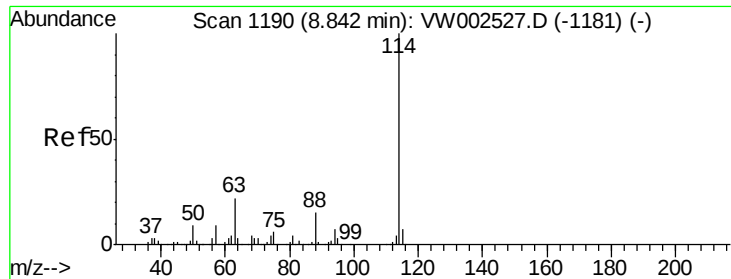
Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

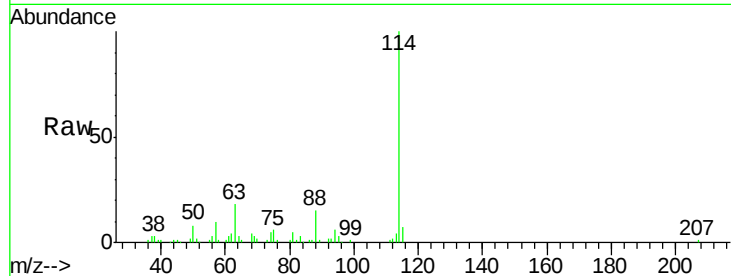
Ion 66.90 (66.60 to 67.60): VW



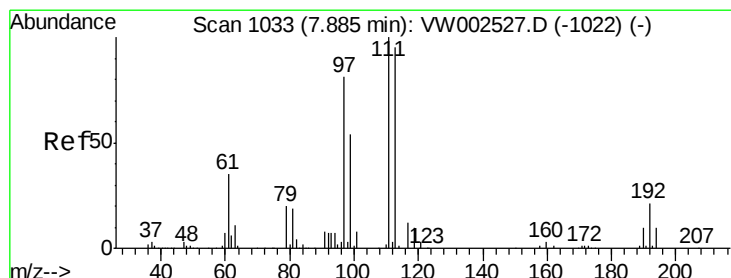
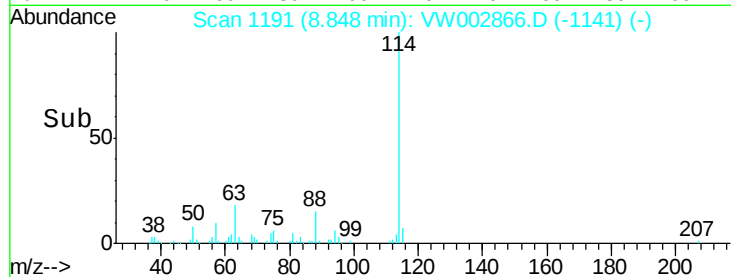
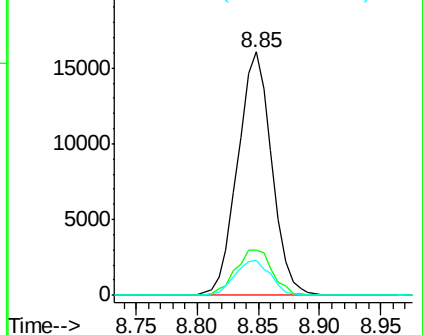


#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: VW002866.D
 Acq: 25 May 2018 01:52

Tgt Ion:114 Resp: 31004
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 43.2
 88 14.5 0.0 29.2

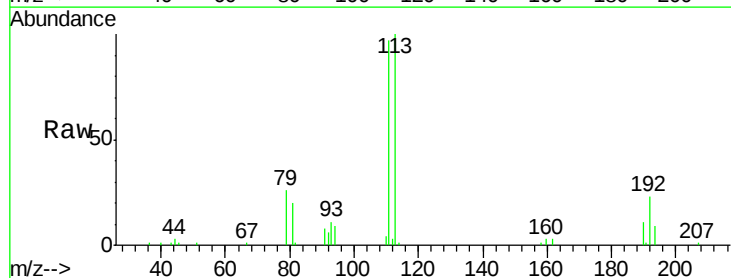


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

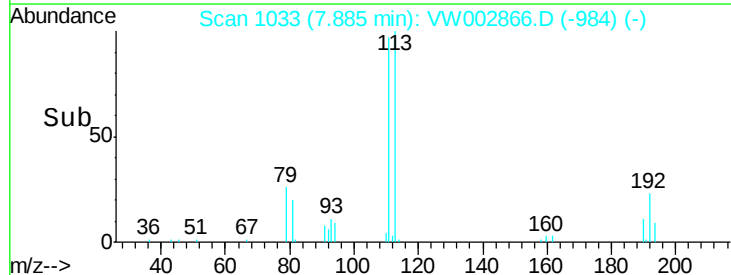
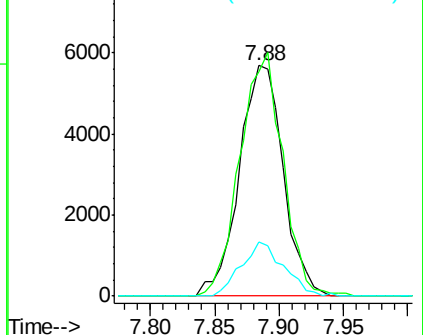


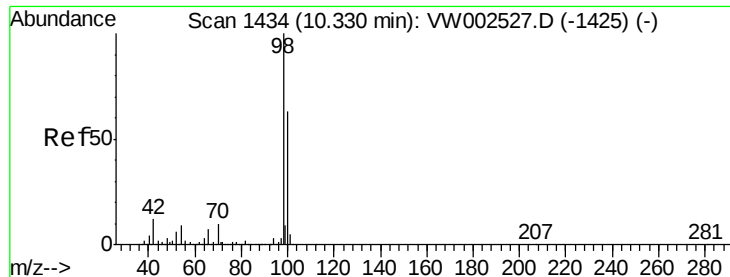
#35
 Dibromofluoromethane
 Concen: 68.49 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002866.D
 Acq: 25 May 2018 01:52

Tgt Ion:113 Resp: 13472
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.8 122.8
 192 22.7 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: 53.49 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002866.D

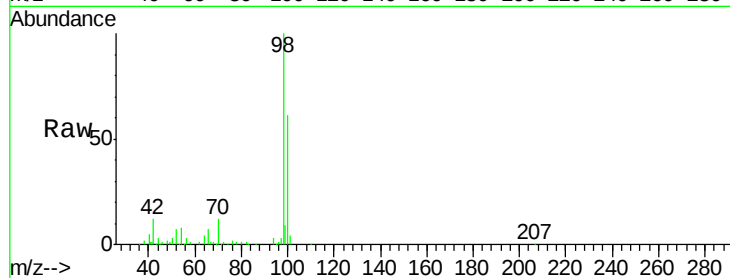
Acq: 25 May 2018 01:52

Tgt Ion: 98 Resp: 40027

Ion Ratio Lower Upper

98 100

100 62.4 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

25000

20000

15000

10000

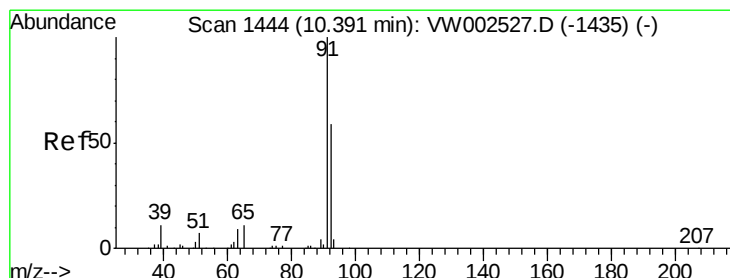
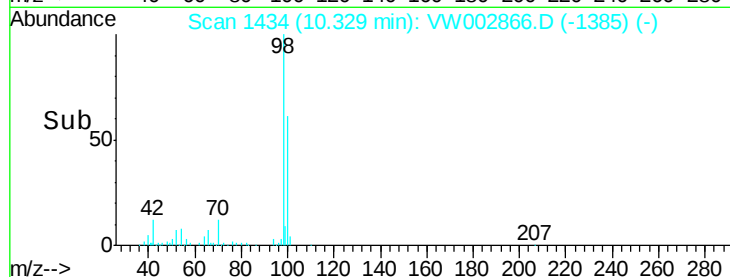
5000

0

10.33

10.40

Time-->



#52

Toluene

Concen: 3.40 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. 0.01 min

Lab File: VW002866.D

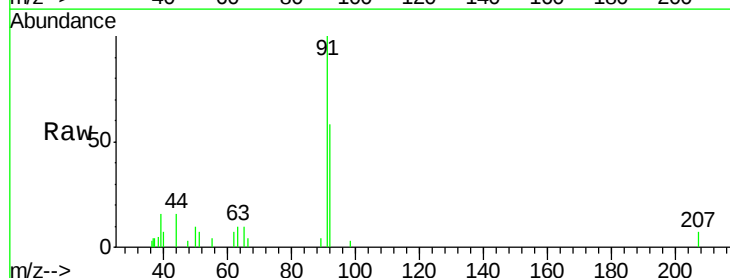
Acq: 25 May 2018 01:52

Tgt Ion: 92 Resp: 1690

Ion Ratio Lower Upper

92 100

91 181.9 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

2000

1500

1000

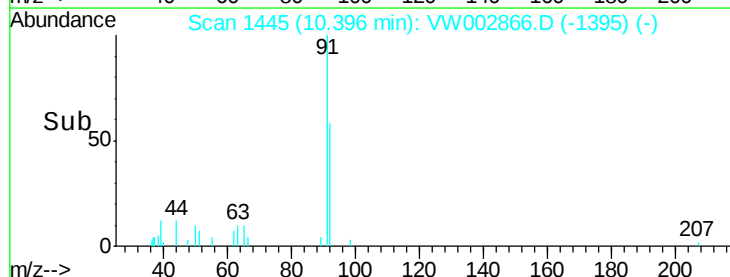
500

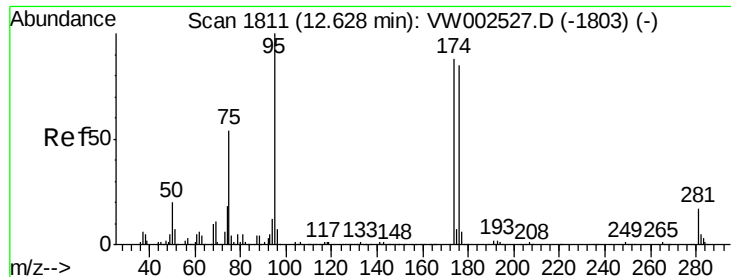
0

10.40

10.45

Time-->





#62

4-Bromofluorobenzene

Concen: 44.02 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002866.D

Acq: 25 May 2018 01:52

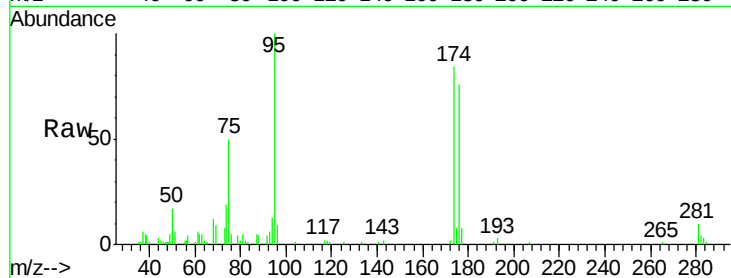
Tgt Ion: 95 Resp: 12044

Ion Ratio Lower Upper

95 100

174 88.5 0.0 176.6

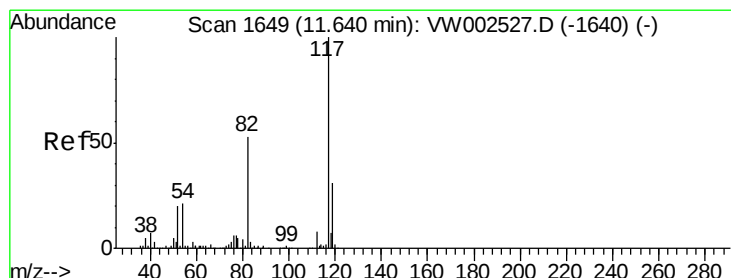
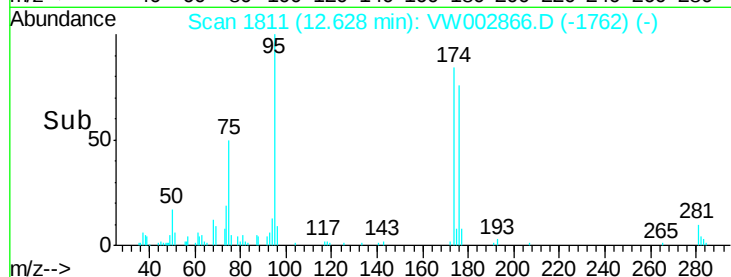
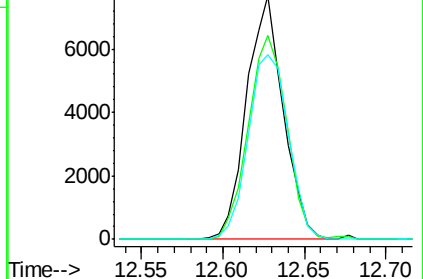
176 82.9 0.0 172.2



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: VW002866.D

Acq: 25 May 2018 01:52

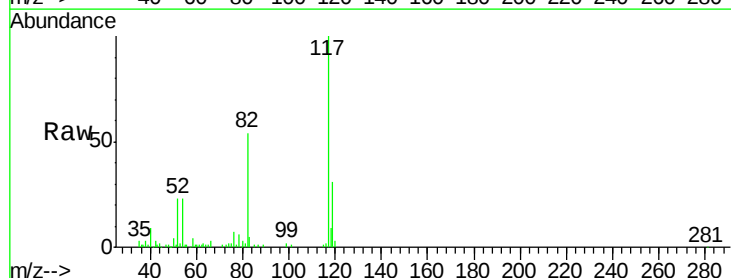
Tgt Ion: 117 Resp: 28123

Ion Ratio Lower Upper

117 100

82 54.4 42.6 64.0

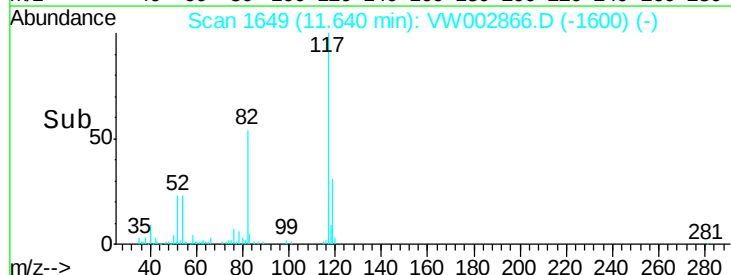
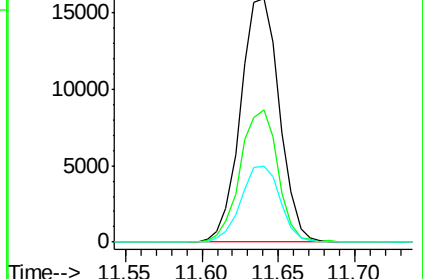
119 31.2 25.0 37.6

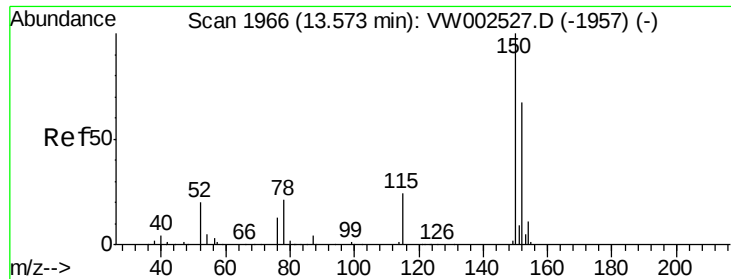


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

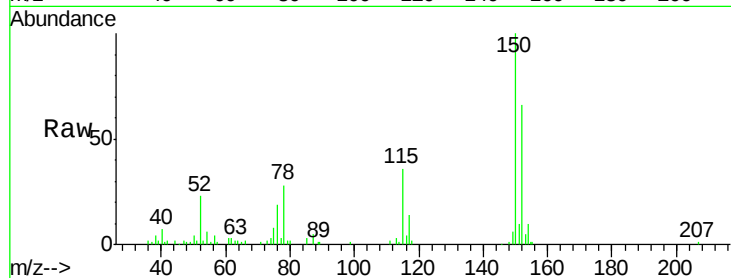




#72

1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.57 min Scan# 1965
 Delta R.T. -0.01 min
 Lab File: VW002866.D
 Acq: 25 May 2018 01:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.3	28.0	84.0
150	150.4	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

