

Data File : VW002862.D
Acq On : 25 May 2018 00:07
Operator : JC/SY
Sample : J3024-06
Misc : 6.37G/5ML/MSVOA_W/SOIL
ALS Vial : 32 Sample Multiplier: 1

Quant Time: May 25 09:03:01 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	74249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	143792	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	70053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	6654	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	78064	101.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.48%	
35) Dibromofluoromethane	7.88	113	73702	80.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	161.58%	
50) Toluene-d8	10.33	98	163776	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
62) 4-Bromofluorobenzene	12.63	95	15373	12.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	24.22%	

Target Compounds					Qvalue	
16) Acetone	4.12	43	21686	133.88	ug/l	99
20) Methylene Chloride	4.92	84	6915	8.44	ug/l	85
52) Toluene	10.40	92	2813	1.22	ug/l	96

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

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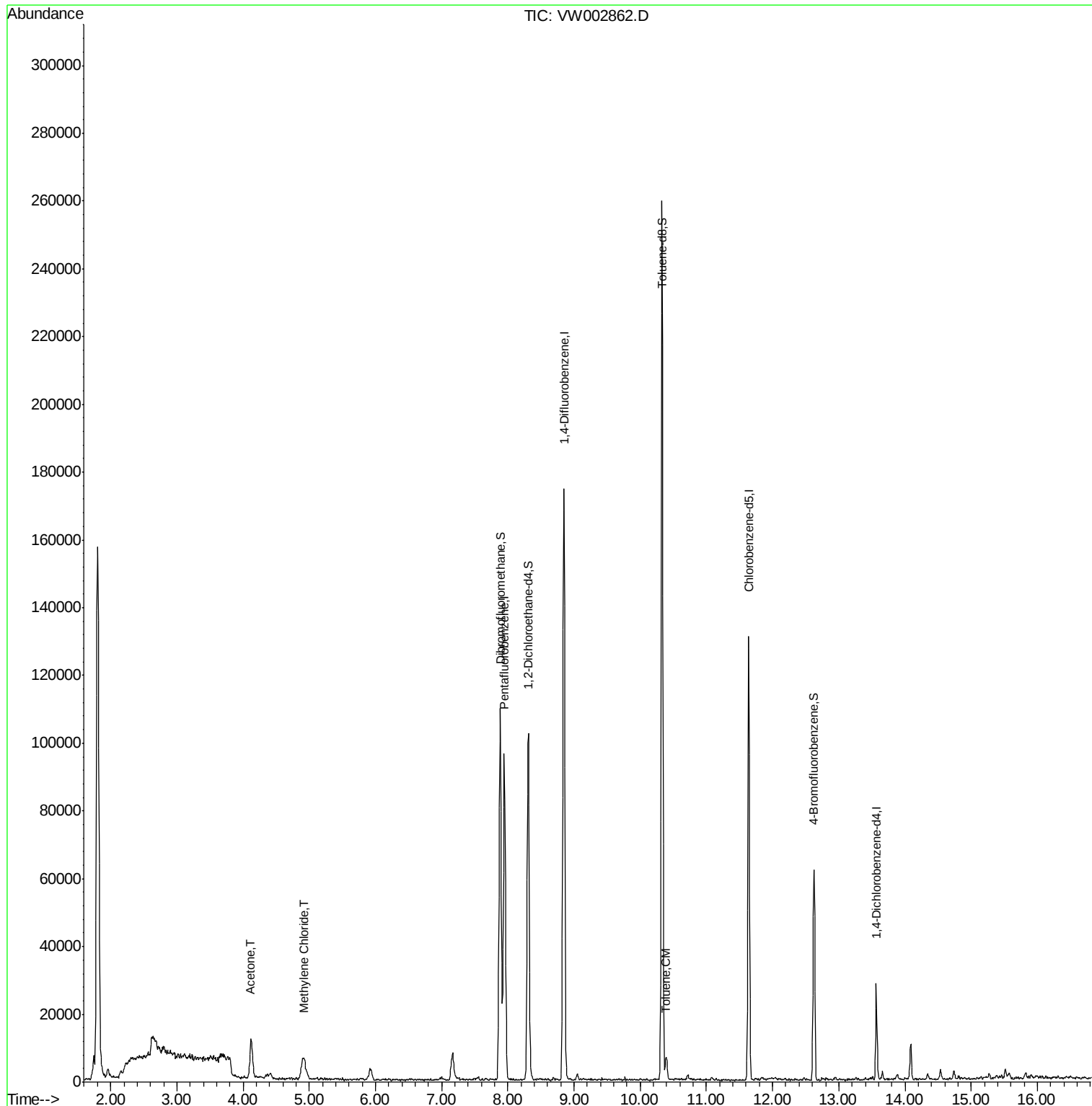
Quant Time: May 25 09:03:01 2018

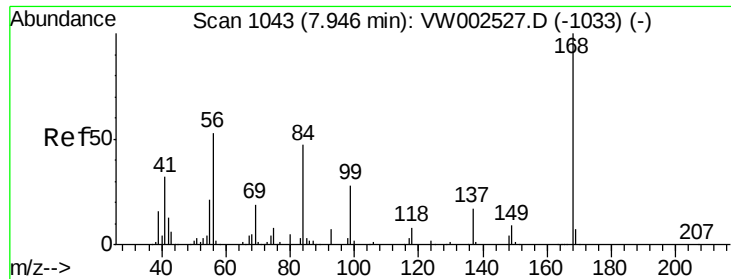
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M

Quant Title : SW846 8260

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

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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: VW002862.D

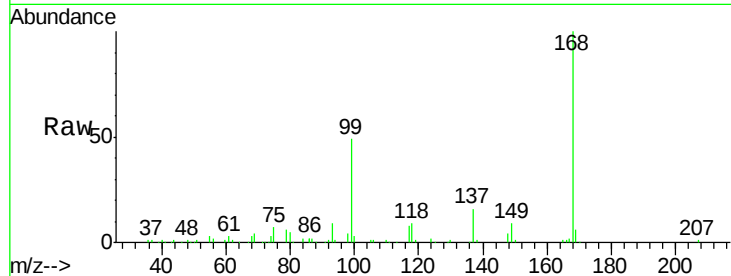
Acq: 25 May 2018 00:07

Tgt Ion: 168 Resp: 74249

Ion Ratio Lower Upper

168 100

99 49.3 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

30000

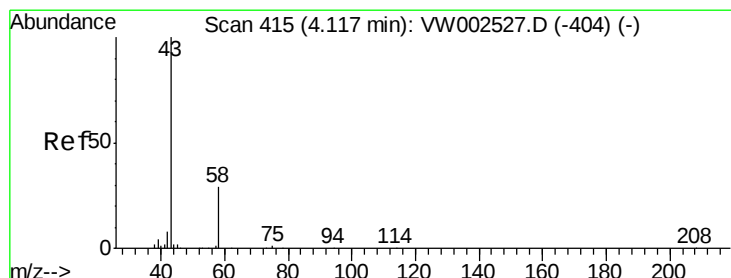
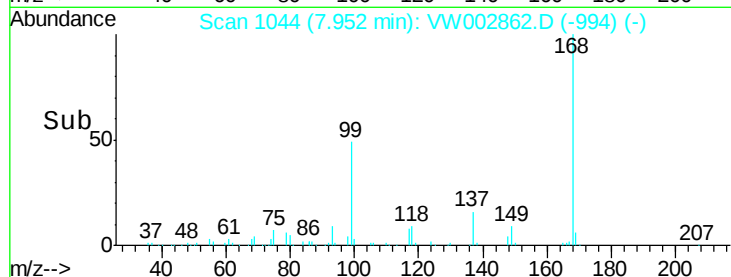
20000

10000

0

Time-->

7.90 8.00



#16

Acetone

Concen: 133.88 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

Lab File: VW002862.D

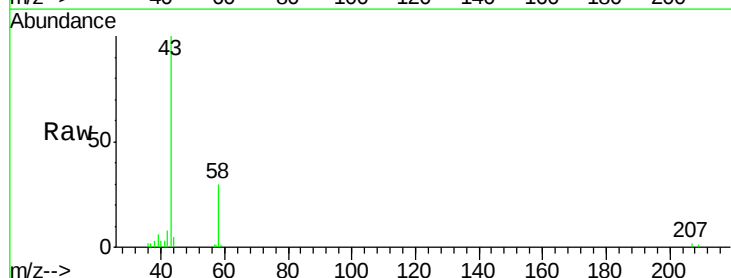
Acq: 25 May 2018 00:07

Tgt Ion: 43 Resp: 21686

Ion Ratio Lower Upper

43 100

58 29.7 23.4 35.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

8000

6000

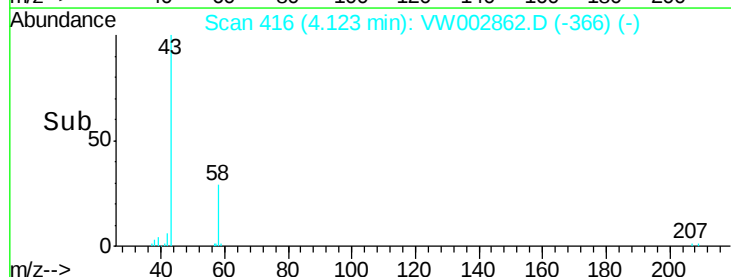
4000

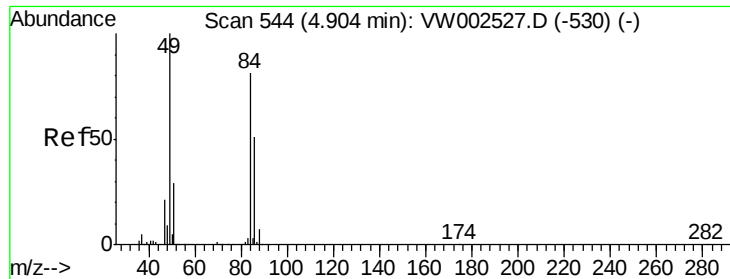
2000

0

Time-->

4.00 4.10 4.20





#20

Methylene Chloride

Concen: 8.44 ug/l

RT: 4.92 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW002862.D

Acq: 25 May 2018 00:07

Tgt Ion: 84 Resp: 6915

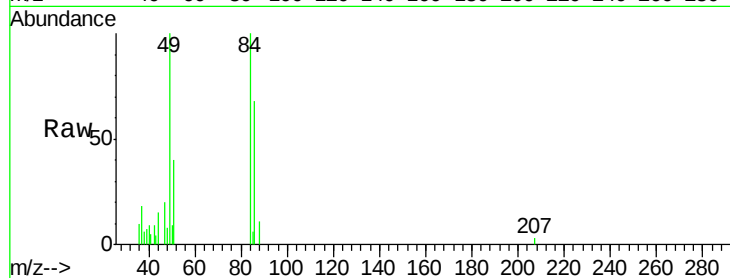
Ion Ratio Lower Upper

84 100

49 100.1 99.4 149.0

51 40.5 29.0 43.6

86 67.8 50.3 75.5



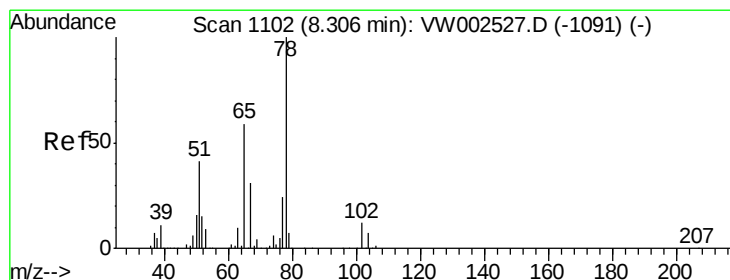
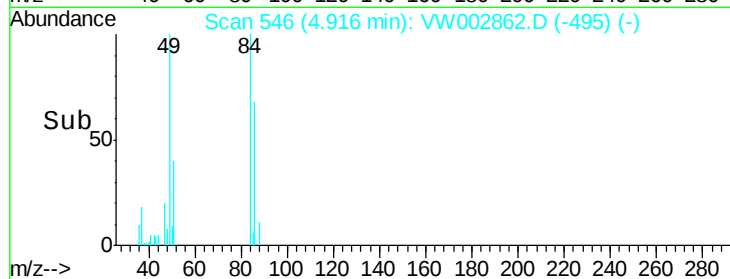
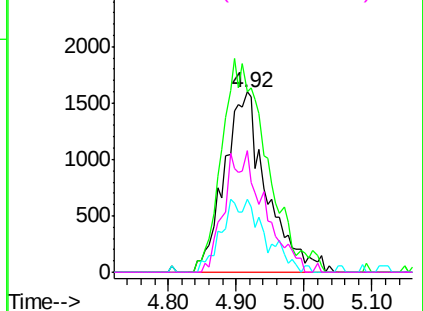
Abundance

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: 101.74 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW002862.D

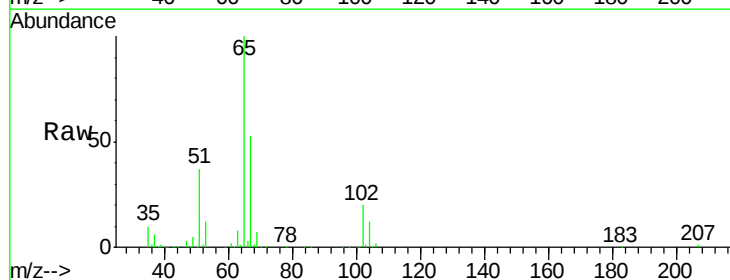
Acq: 25 May 2018 00:07

Tgt Ion: 65 Resp: 78064

Ion Ratio Lower Upper

65 100

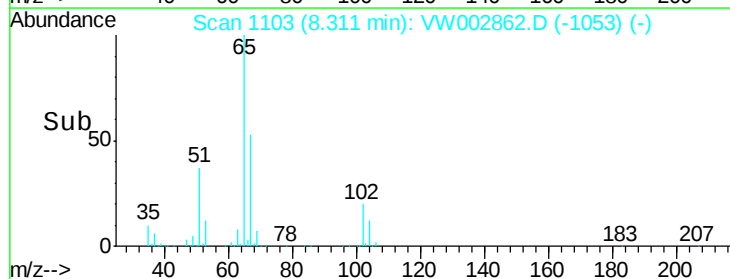
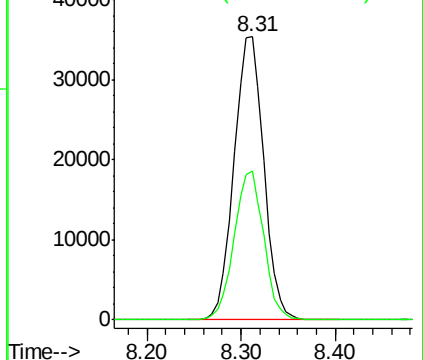
67 52.1 0.0 104.4

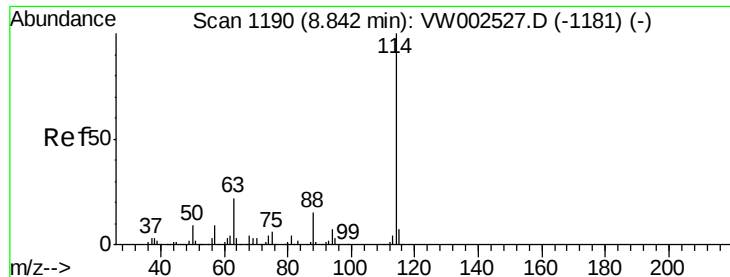


Abundance

Ion 64.90 (64.60 to 65.60): VW

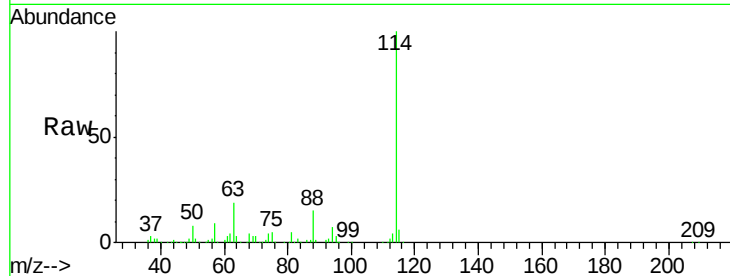
Ion 66.90 (66.60 to 67.60): VW





#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: VW002862.D
 Acq: 25 May 2018 00:07

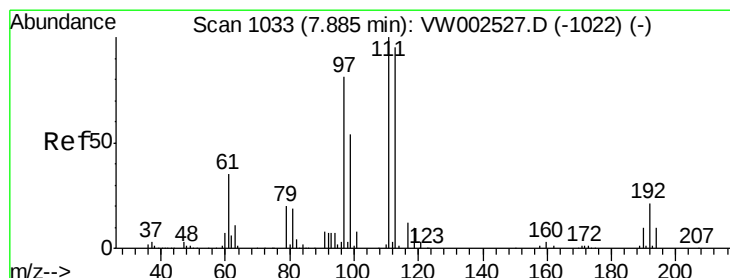
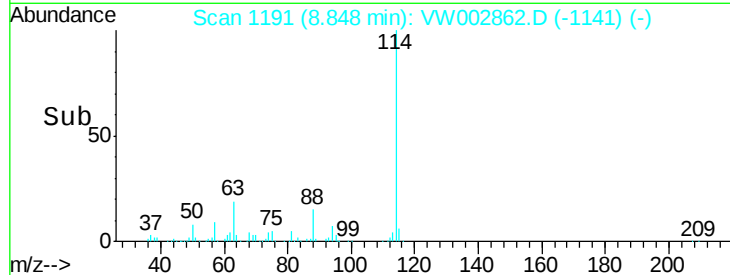
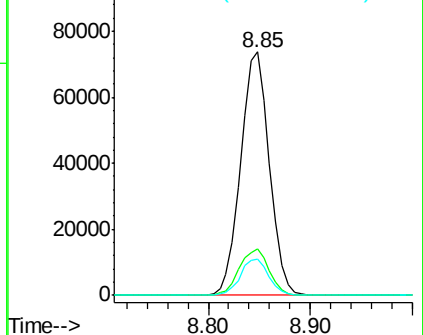
Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	43.2
88	15.0	0.0	29.2



Abundance Ion 113.90 (113.60 to 114.60): V

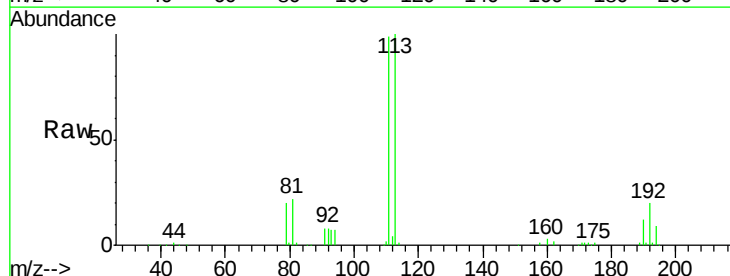
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 80.79 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002862.D
 Acq: 25 May 2018 00:07

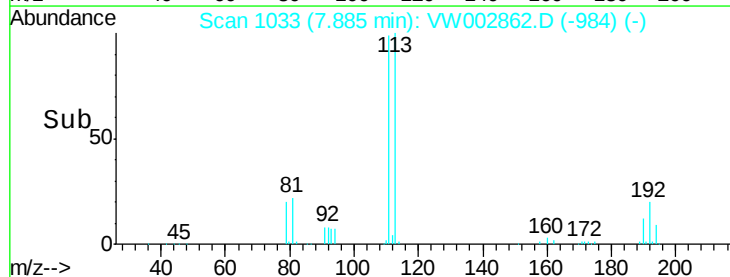
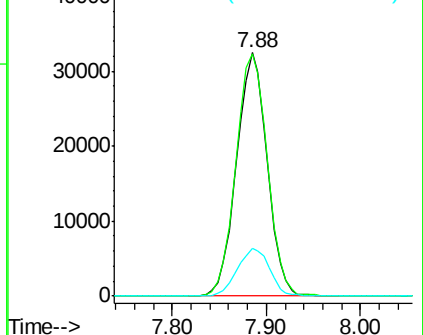
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.8
192	20.5	17.5	26.3

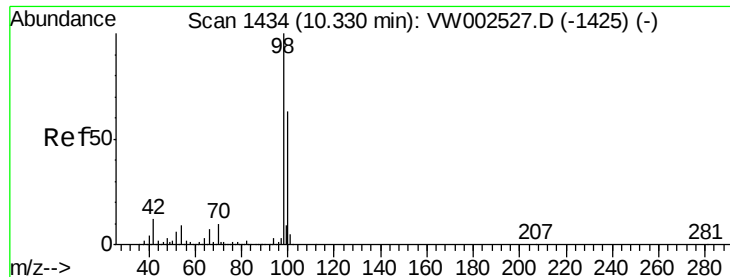


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.19 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002862.D

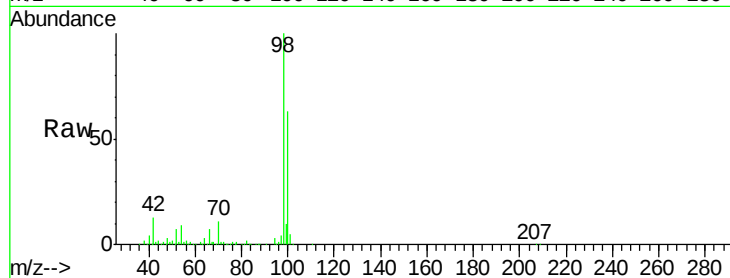
Acq: 25 May 2018 00:07

Tgt Ion: 98 Resp: 163776

Ion Ratio Lower Upper

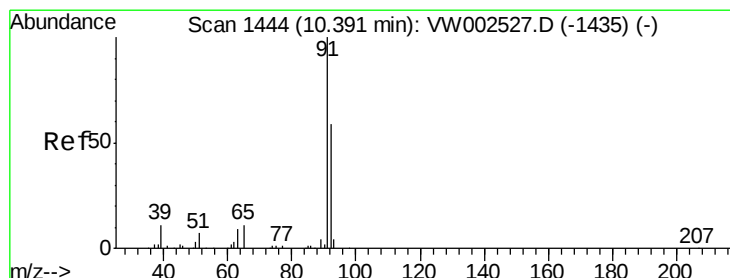
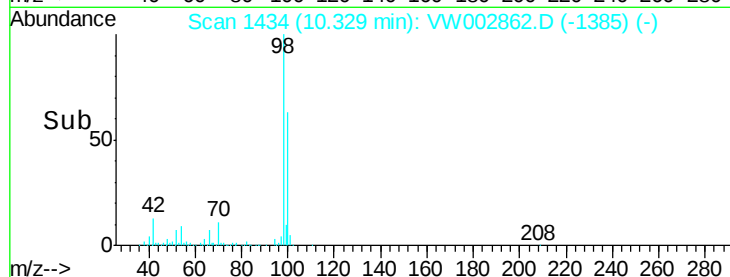
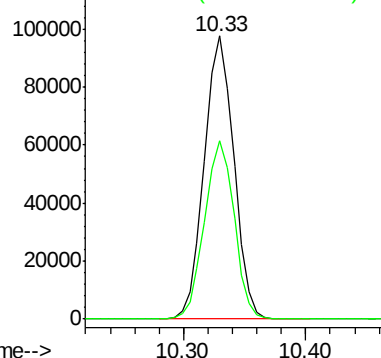
98 100

100 63.2 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#52

Toluene

Concen: 1.22 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. 0.01 min

Lab File: VW002862.D

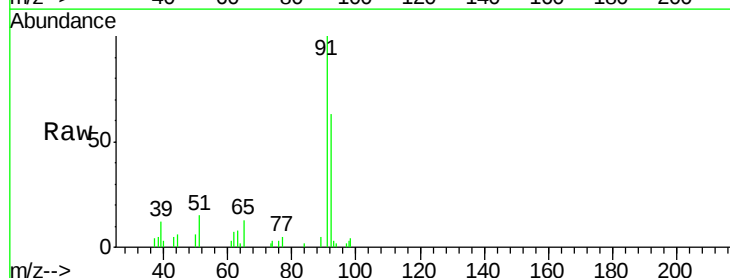
Acq: 25 May 2018 00:07

Tgt Ion: 92 Resp: 2813

Ion Ratio Lower Upper

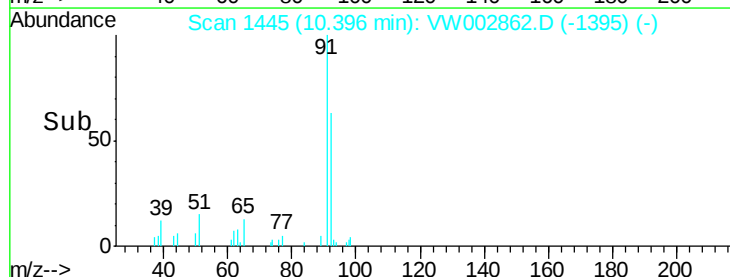
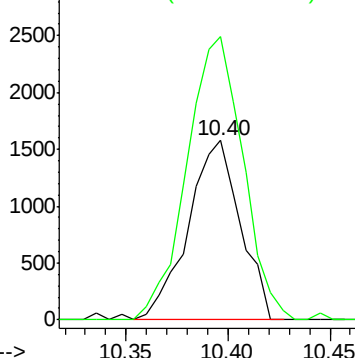
92 100

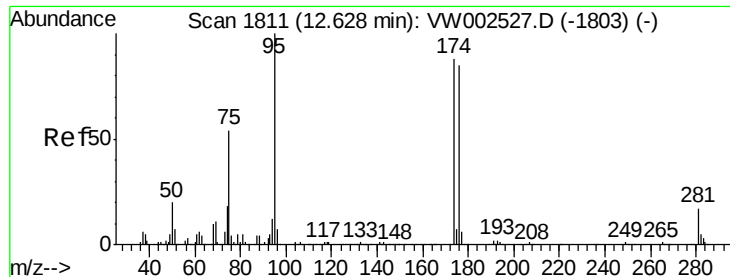
91 169.0 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#62

4-Bromofluorobenzene

Concen: 12.11 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002862.D

Acq: 25 May 2018 00:07

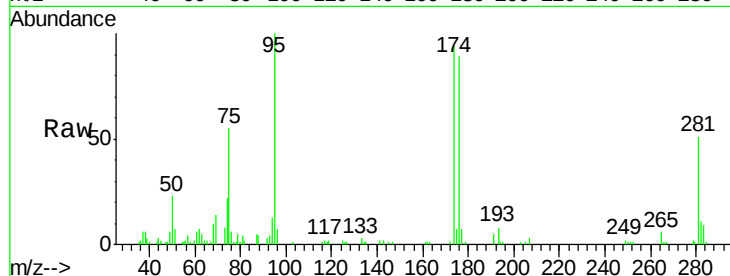
Tgt Ion: 95 Resp: 15373

Ion Ratio Lower Upper

95 100

174 88.8 0.0 176.6

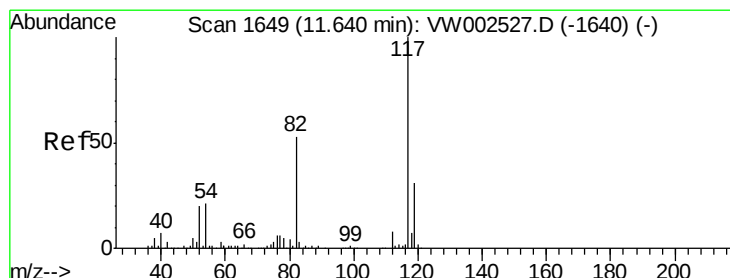
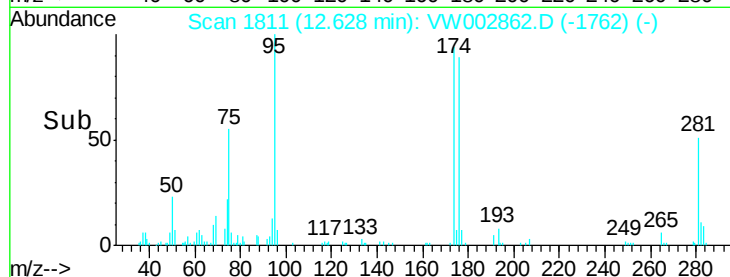
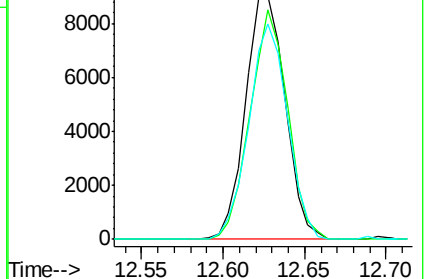
176 86.0 0.0 172.2



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: VW002862.D

Acq: 25 May 2018 00:07

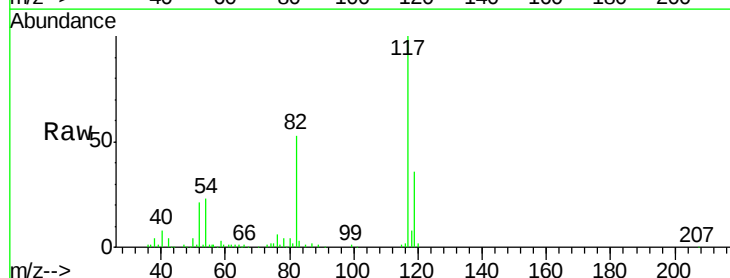
Tgt Ion: 117 Resp: 70053

Ion Ratio Lower Upper

117 100

82 52.9 42.6 64.0

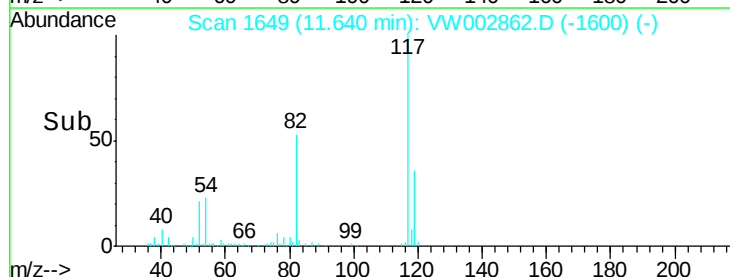
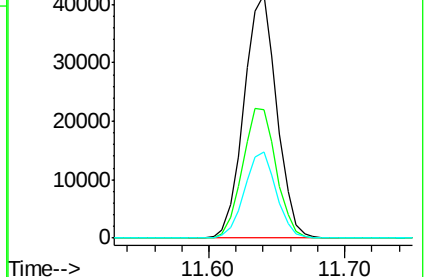
119 35.5 25.0 37.6

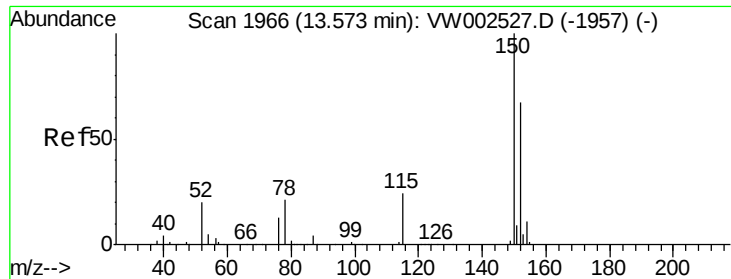


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW002862.D

Acq: 25 May 2018 00:07

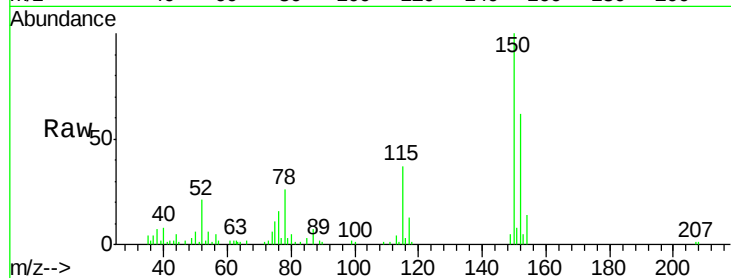
Tgt Ion:152 Resp: 6654

Ion Ratio Lower Upper

152 100

115 54.5 28.0 84.0

150 157.5 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

