

Data File : VW002864.D
Acq On : 25 May 2018 01:00
Operator : JC/SY
Sample : J3024-01RE
Misc : 6.12G/5ML/MSVOA_W/SOIL
ALS Vial : 34 Sample Multiplier: 1

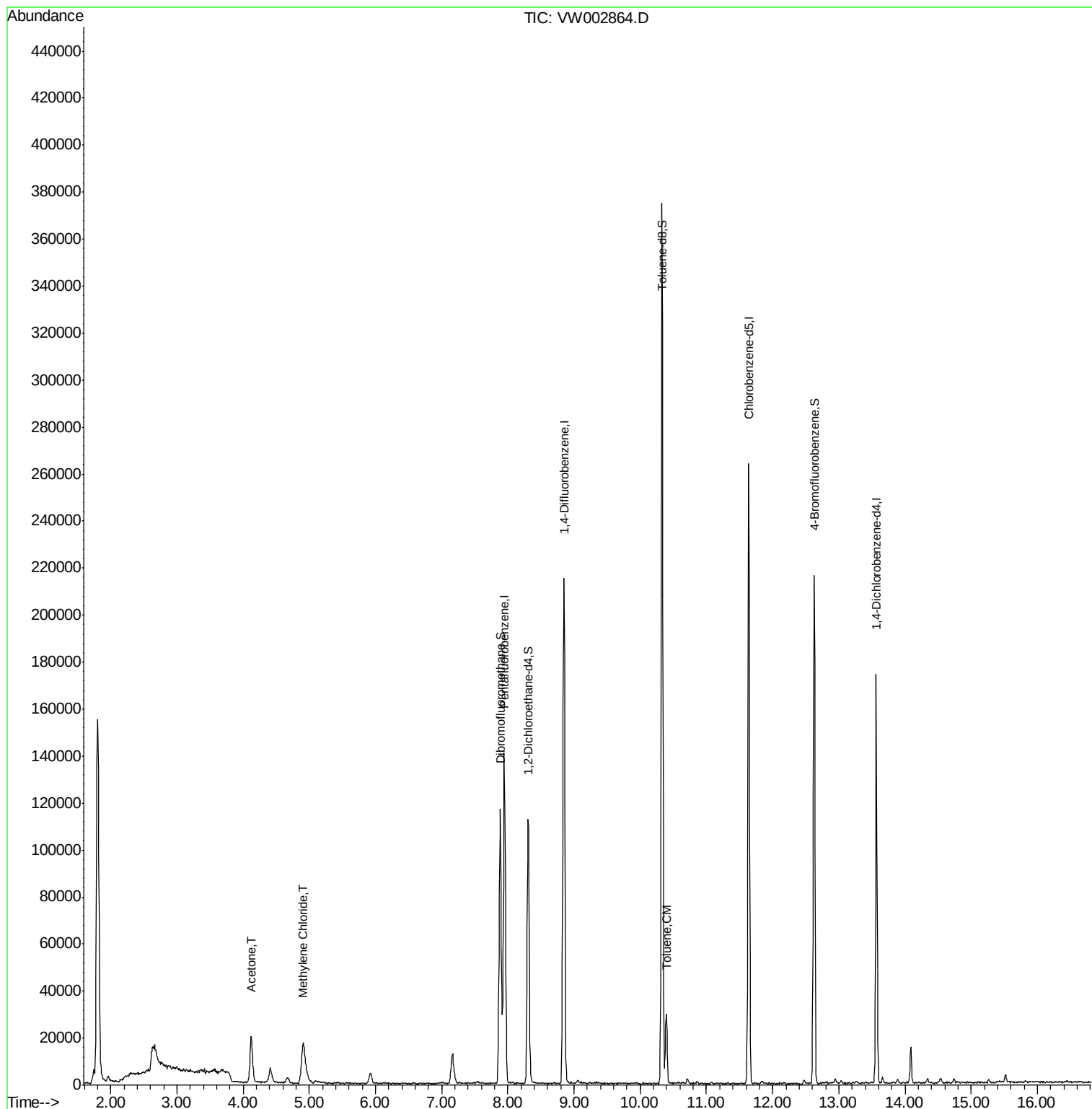
Quant Time: May 25 09:05:54 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
Quant Title : SW846 8260
QLast Update : Tue May 15 03:32:11 2018
Response via : Initial Calibration

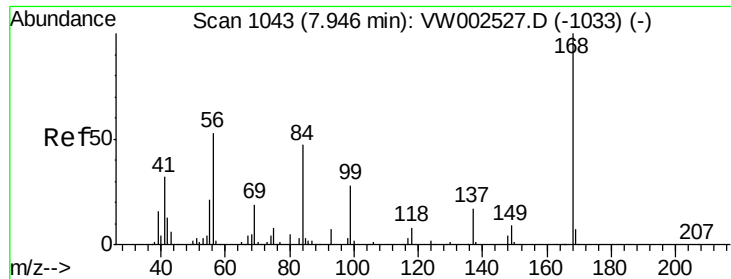
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	105106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	176769	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	146513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	42212	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	87577	80.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	161.26%	
35) Dibromofluoromethane	7.88	113	78721	70.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	140.40%	
50) Toluene-d8	10.33	98	240581	56.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.78%	
62) 4-Bromofluorobenzene	12.63	95	59855	38.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.74%	
Target Compounds						
16) Acetone	4.12	43	35043	152.83	ug/l	Qvalue 100
20) Methylene Chloride	4.91	84	16535	16.27	ug/l	96
52) Toluene	10.40	92	11786	4.16	ug/l	97

(#) = 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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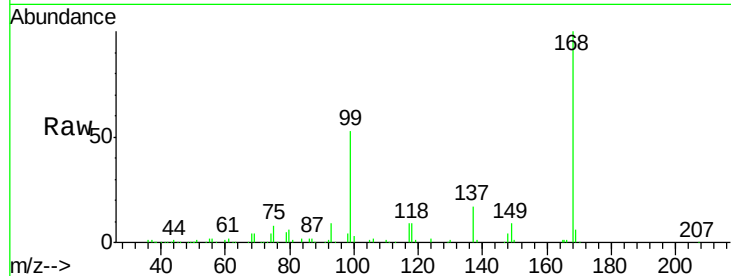
Acq: 25 May 2018 01:00

Tgt Ion: 168 Resp: 105106

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

7.95

50000

40000

30000

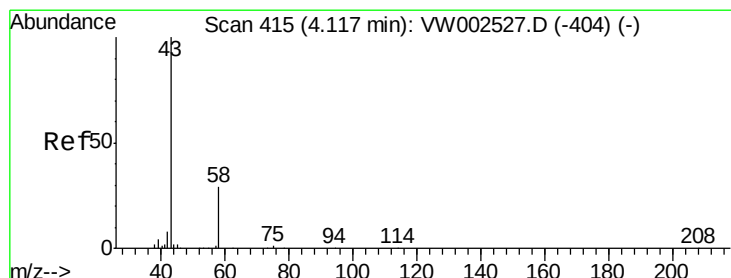
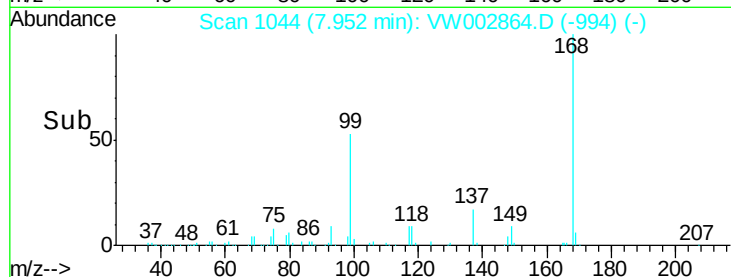
20000

10000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 152.83 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

Lab File: VW002864.D

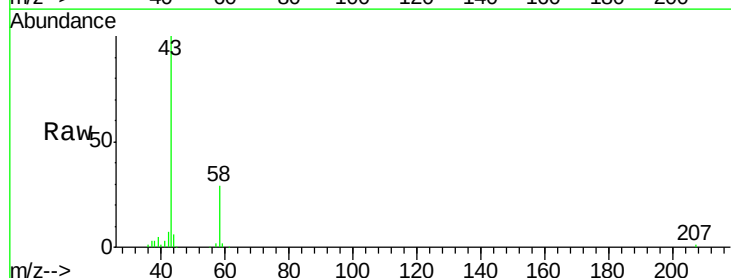
Acq: 25 May 2018 01:00

Tgt Ion: 43 Resp: 35043

Ion Ratio Lower Upper

43 100

58 29.0 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

15000

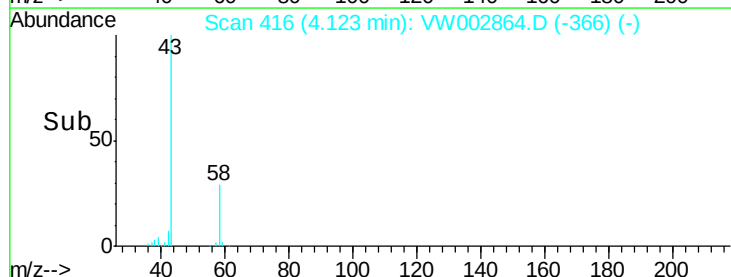
10000

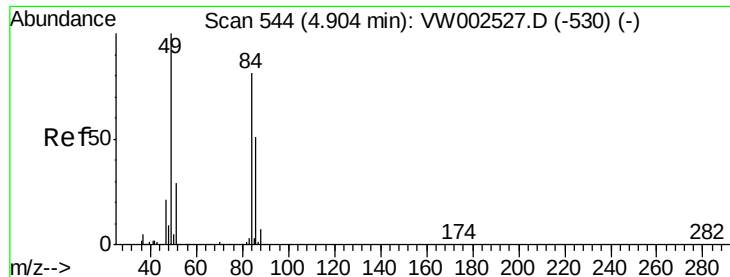
5000

0

4.00 4.10 4.20

Time-->





#20

Methylene Chloride

Concen: 16.27 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.01 min

Lab File: VW002864.D

Acq: 25 May 2018 01:00

Tgt Ion: 84 Resp: 16535

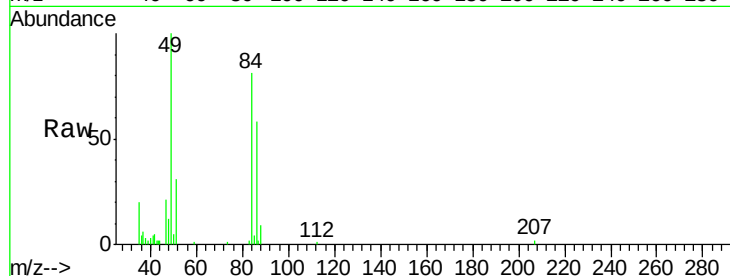
Ion Ratio Lower Upper

84 100

49 123.3 99.4 149.0

51 38.8 29.0 43.6

86 71.0 50.3 75.5

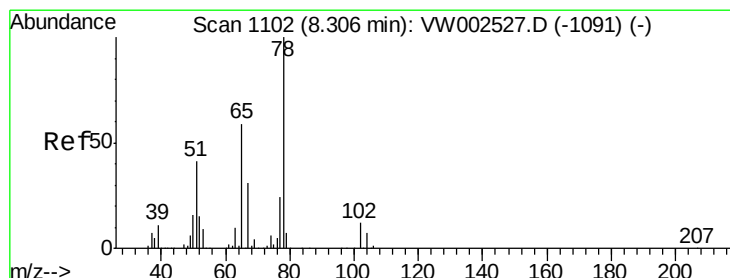
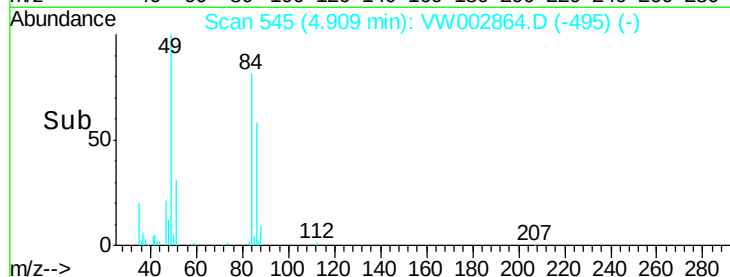
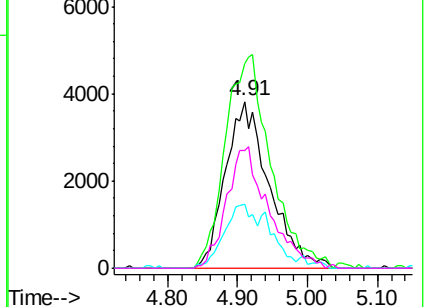


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 80.63 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW002864.D

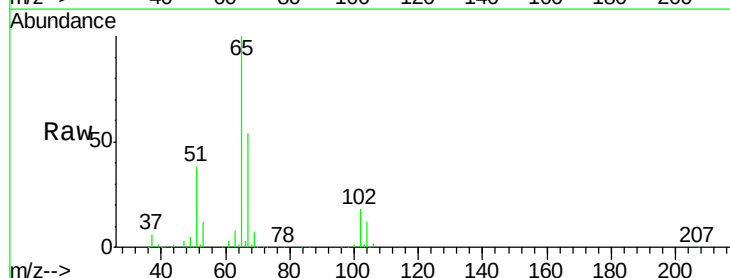
Acq: 25 May 2018 01:00

Tgt Ion: 65 Resp: 87577

Ion Ratio Lower Upper

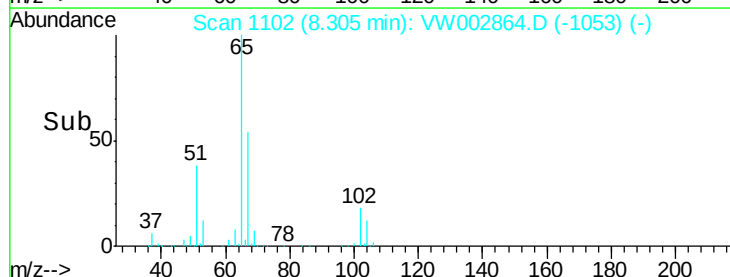
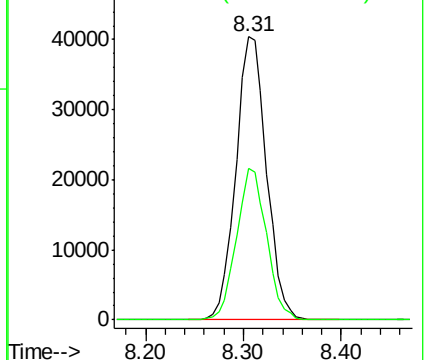
65 100

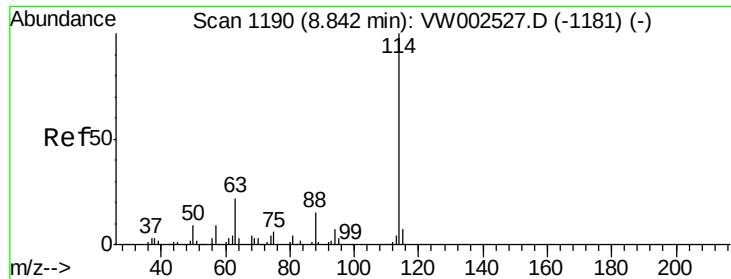
67 52.5 0.0 104.4



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: VW002864.D

Acq: 25 May 2018 01:00

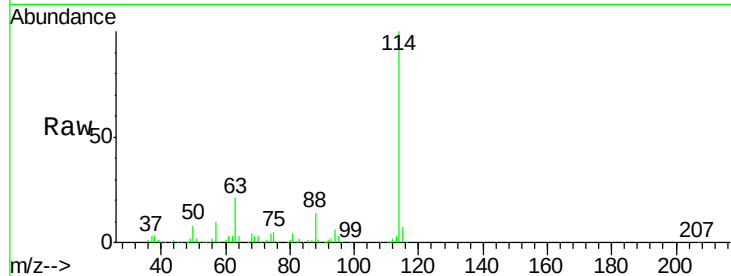
Tgt Ion:114 Resp: 176769

Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.2

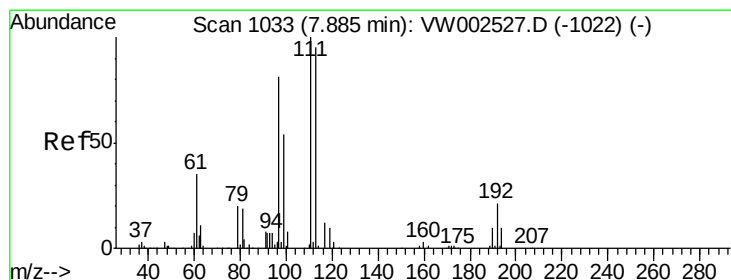
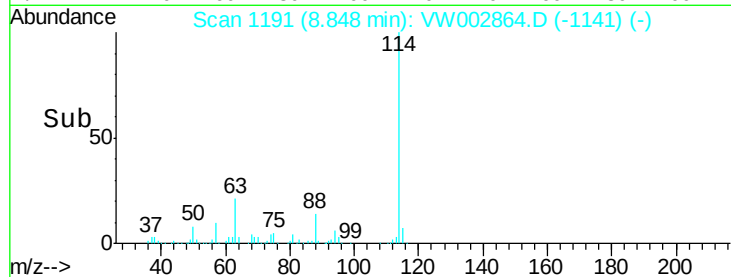
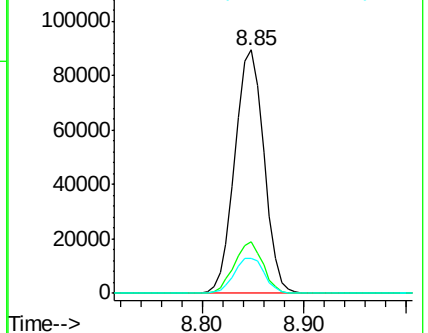
88 14.3 0.0 29.2



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: 70.20 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW002864.D

Acq: 25 May 2018 01:00

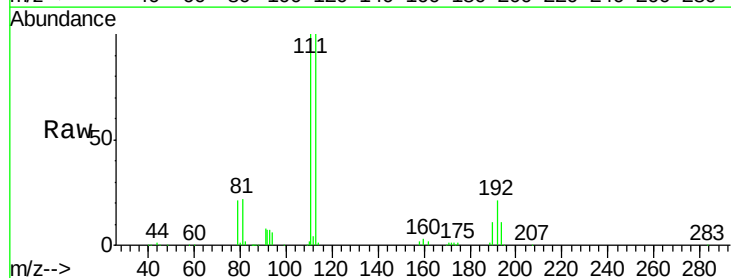
Tgt Ion:113 Resp: 78721

Ion Ratio Lower Upper

113 100

111 100.9 81.8 122.8

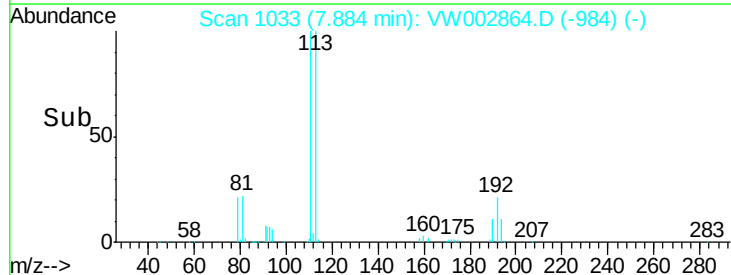
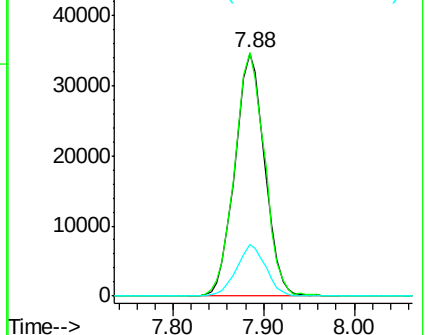
192 20.8 17.5 26.3

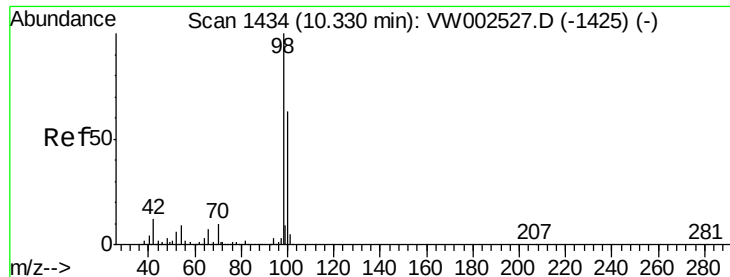


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 56.39 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002864.D

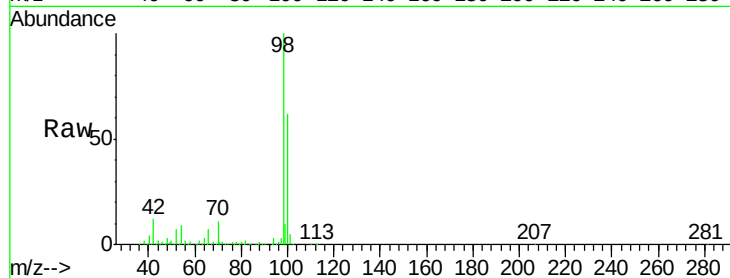
Acq: 25 May 2018 01:00

Tgt Ion: 98 Resp: 240581

Ion Ratio Lower Upper

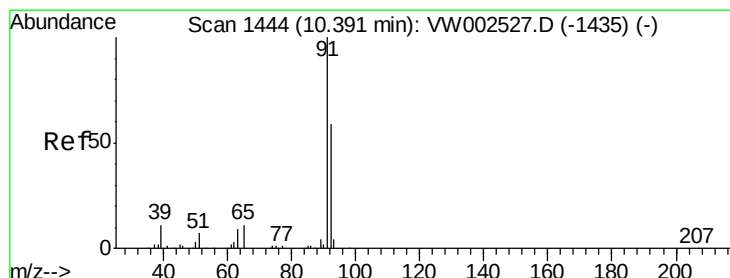
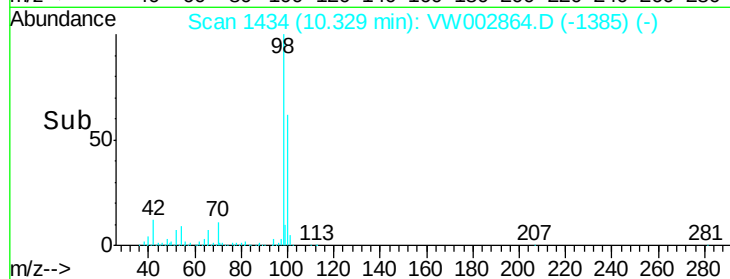
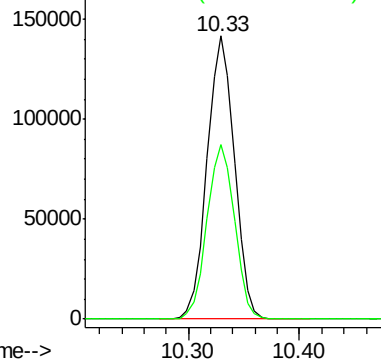
98 100

100 62.2 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: 4.16 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. 0.01 min

Lab File: VW002864.D

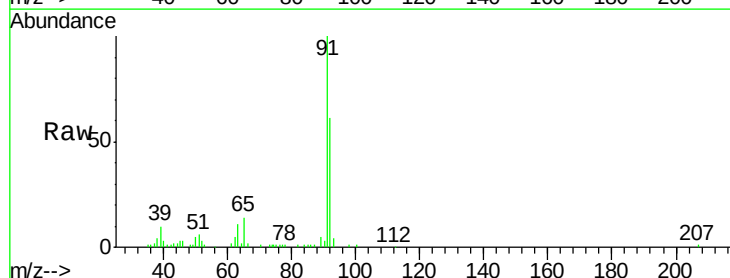
Acq: 25 May 2018 01:00

Tgt Ion: 92 Resp: 11786

Ion Ratio Lower Upper

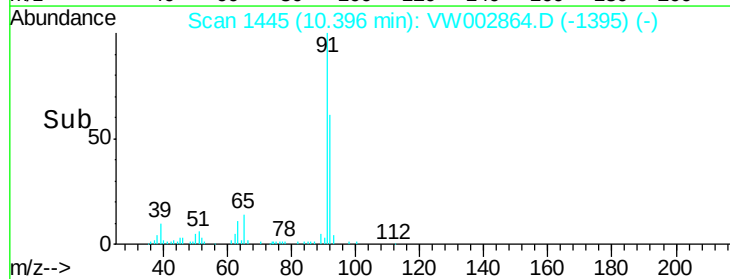
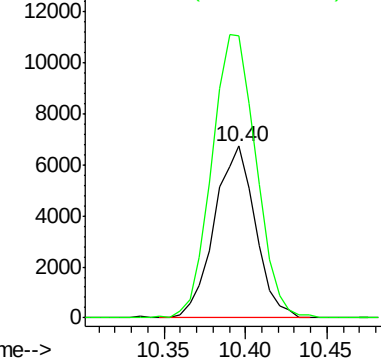
92 100

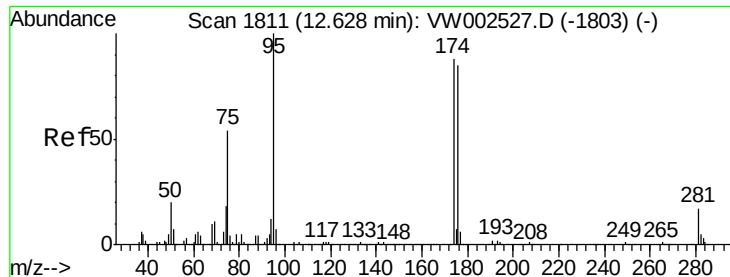
91 177.7 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VW

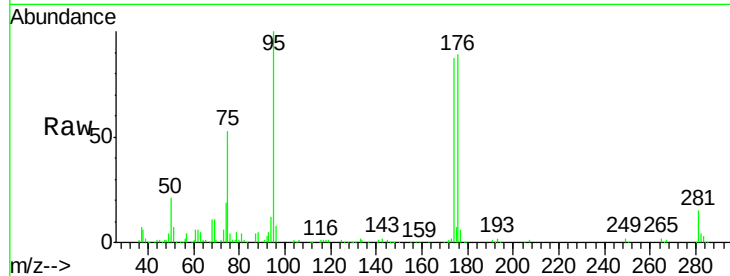
Ion 91.00 (90.70 to 91.70): VW



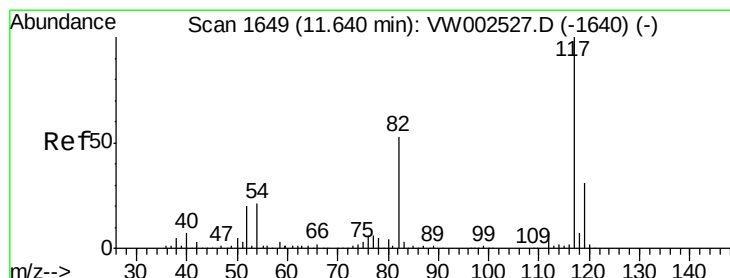
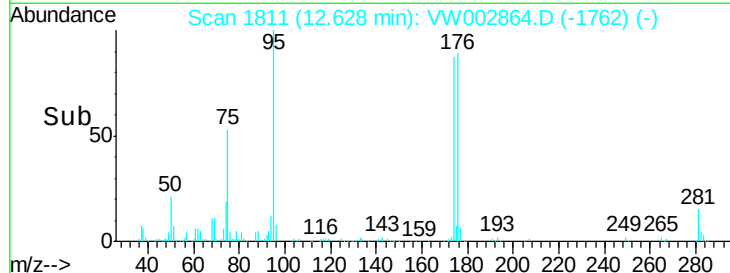
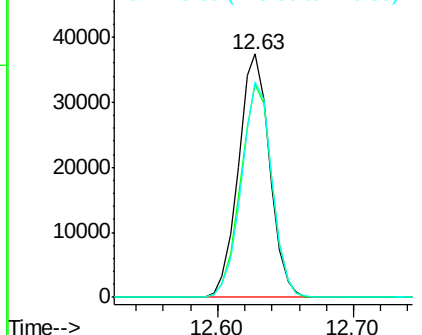


#62
4-Bromofluorobenzene
Concen: 38.37 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW002864.D
Acq: 25 May 2018 01:00

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.0	0.0	176.6
176	86.7	0.0	172.2

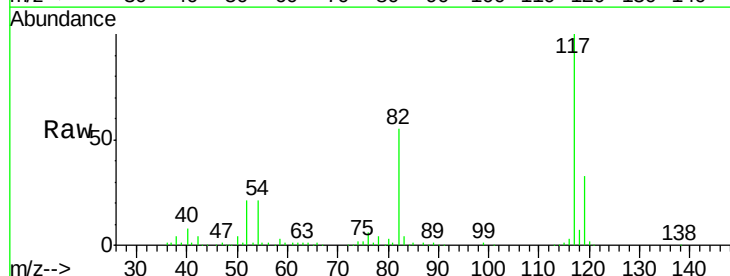


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

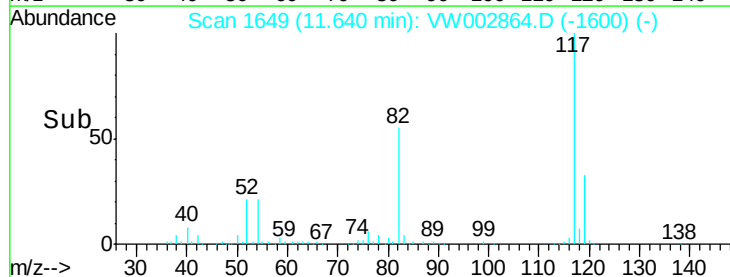
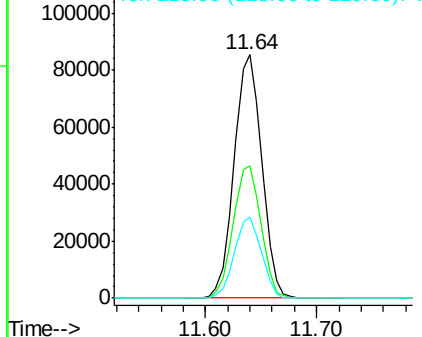


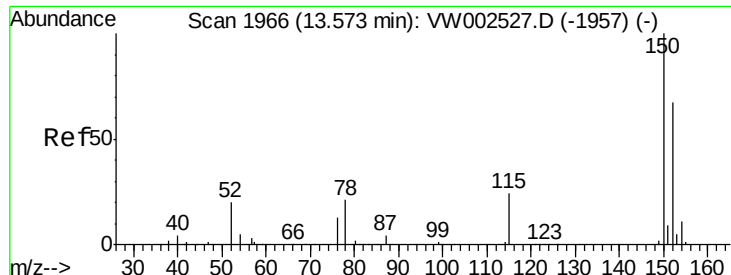
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002864.D
Acq: 25 May 2018 01:00

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.6	42.6	64.0
119	33.2	25.0	37.6



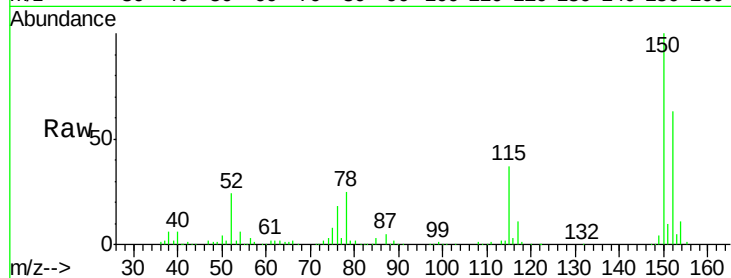
Abundance Ion 116.90 (116.60 to 117.60): VW
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): VW





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.57 min Scan# 1965
 Delta R.T. -0.01 min
 Lab File: VW002864.D
 Acq: 25 May 2018 01:00

Tgt Ion:152 Resp: 42212
 Ion Ratio Lower Upper
 152 100
 115 57.1 28.0 84.0
 150 163.1 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

