

Data File : VW002888.D
Acq On : 25 May 2018 21:43
Operator : JC/SY
Sample : J3023-03RE
Misc : 4.56G/5ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 26 01:18:53 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	117827	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	184893	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	170995	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	78366	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	88255	72.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	144.96%	
35) Dibromofluoromethane	7.88	113	76755	65.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.88%	
50) Toluene-d8	10.33	98	250818	56.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.42%	
62) 4-Bromofluorobenzene	12.63	95	82251	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	

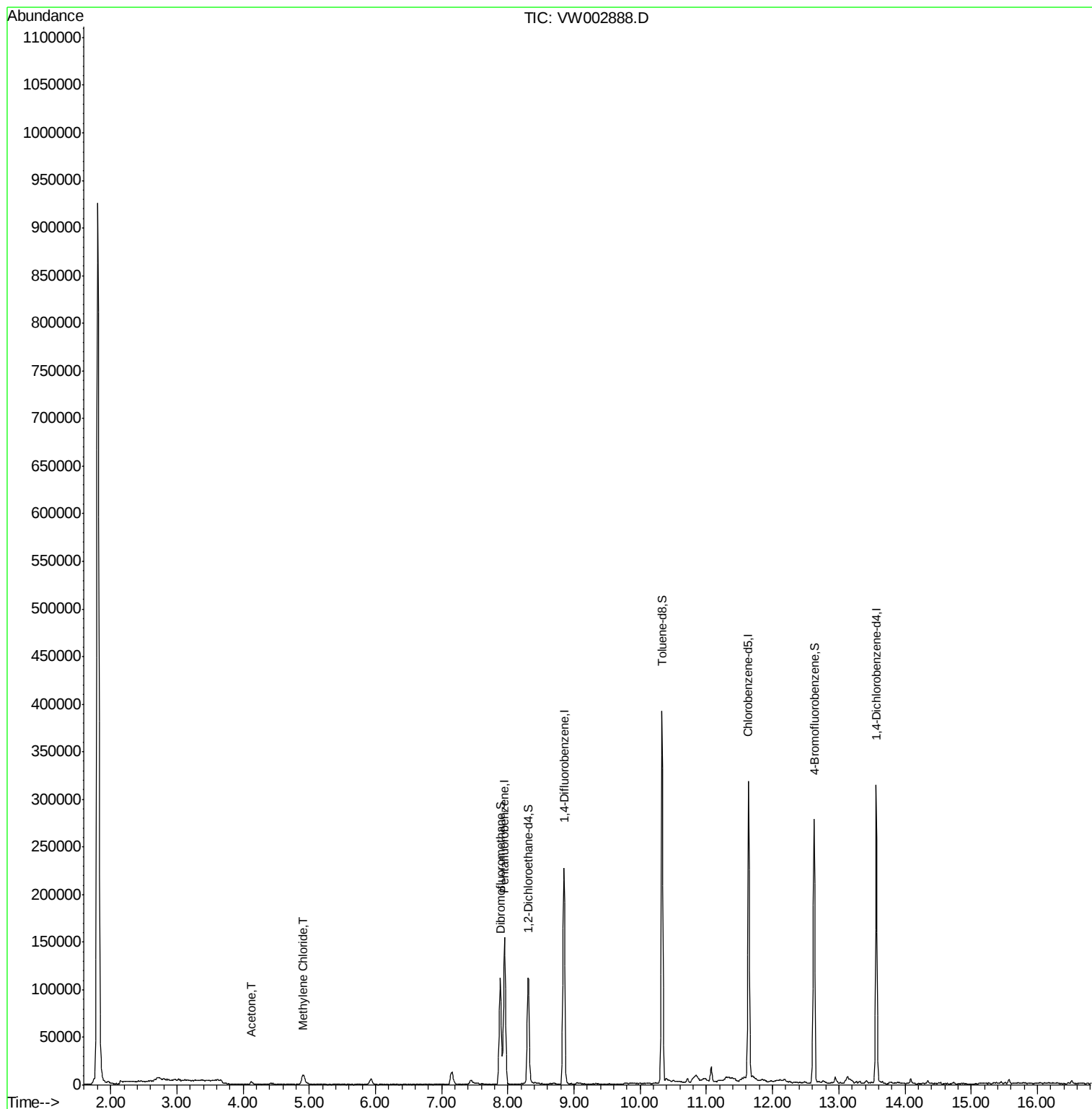
Target Compounds

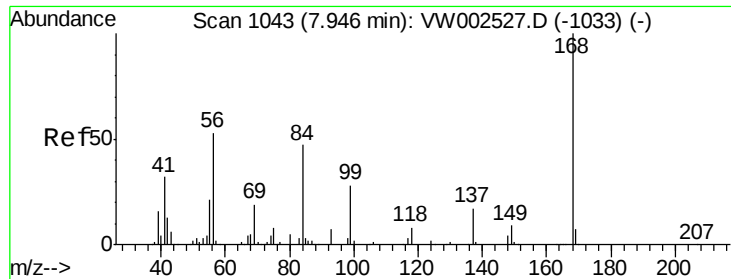
						Qvalue
16) Acetone	4.12	43	3665	14.26	ug/l	98
20) Methylene Chloride	4.90	84	7988	5.36	ug/l	90

(#) = 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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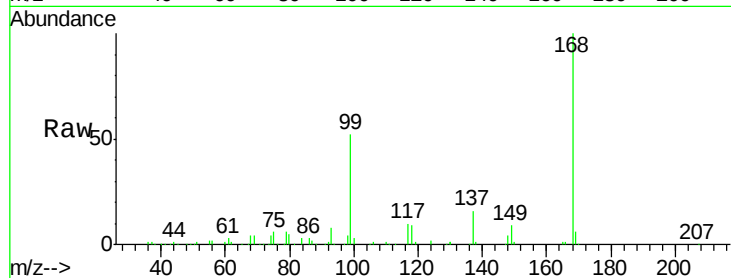
Acq: 25 May 2018 21:43

Tgt Ion: 168 Resp: 117827

Ion Ratio Lower Upper

168 100

99 51.6 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

60000

50000

40000

30000

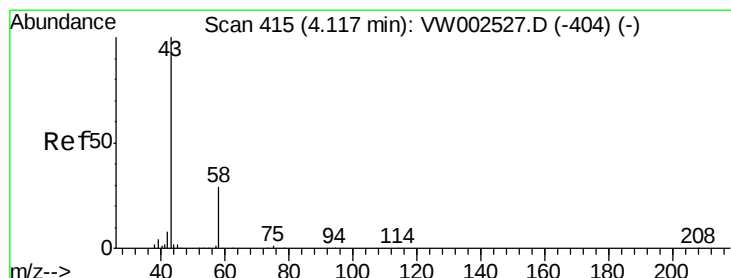
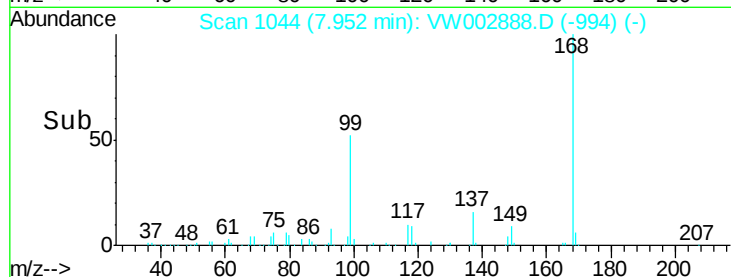
20000

10000

0

Time-->

7.90 8.00 8.10



#16

Acetone

Concen: 14.26 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

Lab File: VW002888.D

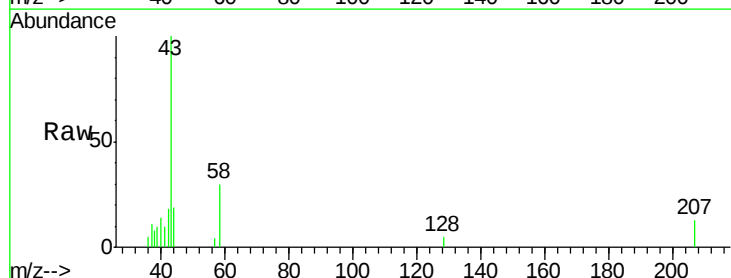
Acq: 25 May 2018 21:43

Tgt Ion: 43 Resp: 3665

Ion Ratio Lower Upper

43 100

58 30.4 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

1500

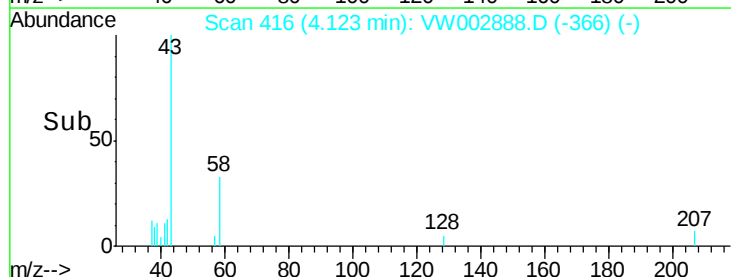
1000

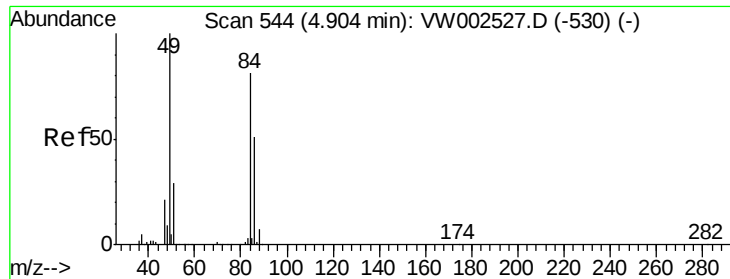
500

0

Time-->

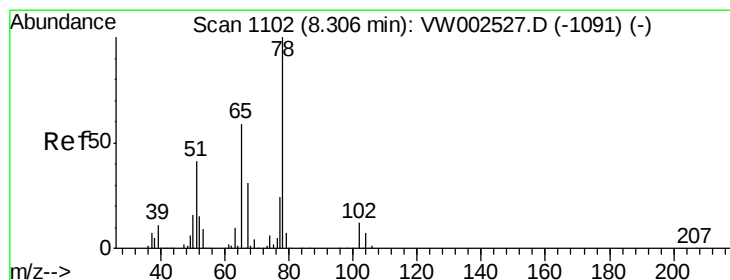
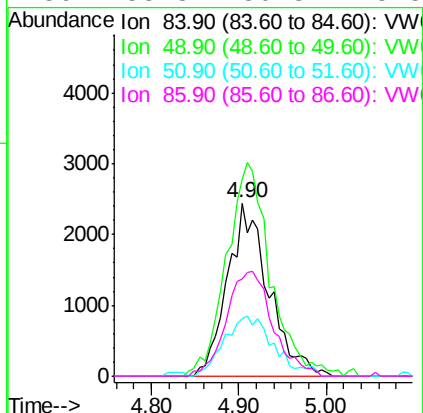
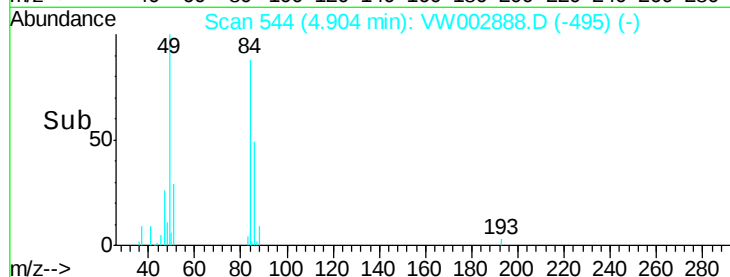
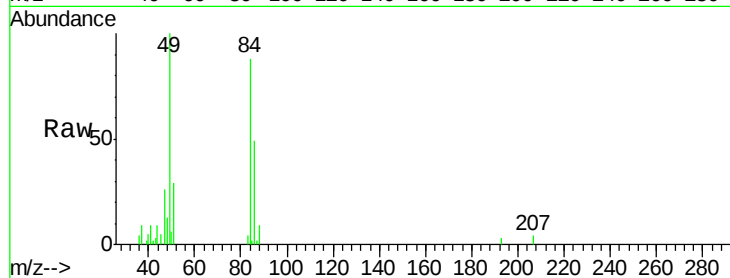
4.00 4.05 4.10 4.15 4.20





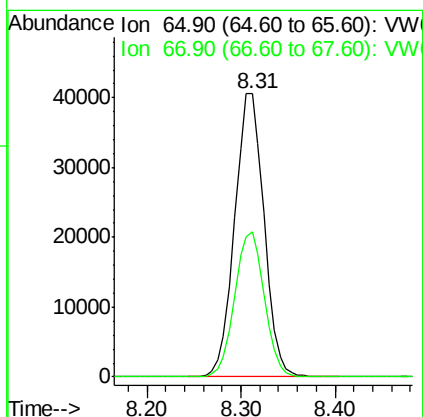
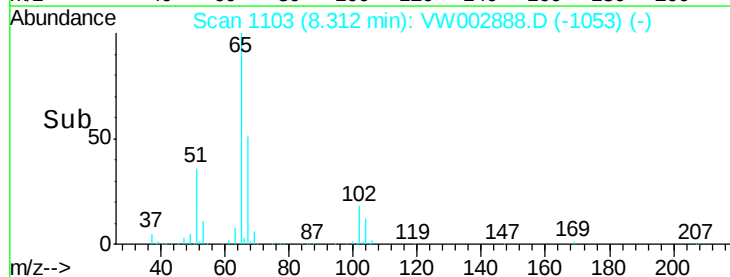
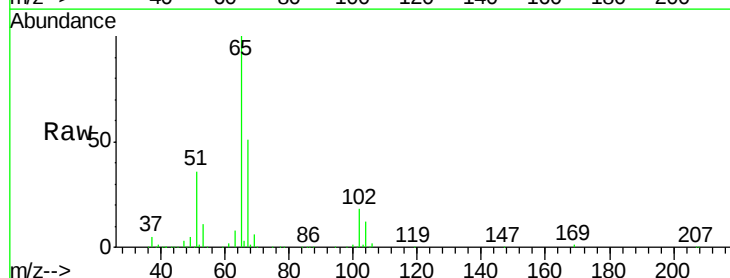
#20
Methylene Chloride
Concen: 5.36 ug/l
RT: 4.90 min Scan# 544
Delta R.T. 0.00 min
Lab File: VW002888.D
Acq: 25 May 2018 21:43

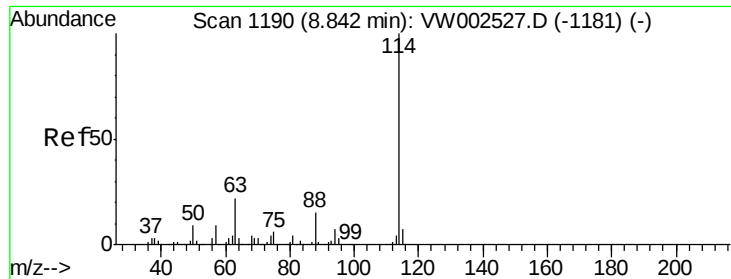
Tgt Ion:	84	Resp:	7988
Ion	Ratio	Lower	Upper
84	100		
49	110.8	99.4	149.0
51	33.5	29.0	43.6
86	55.8	50.3	75.5



#33
1,2-Dichloroethane-d4
Concen: 72.48 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VW002888.D
Acq: 25 May 2018 21:43

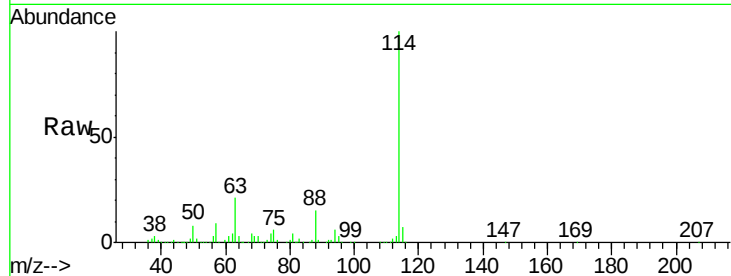
Tgt Ion:	65	Resp:	88255
Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	104.4





#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: VW002888.D
 Acq: 25 May 2018 21:43

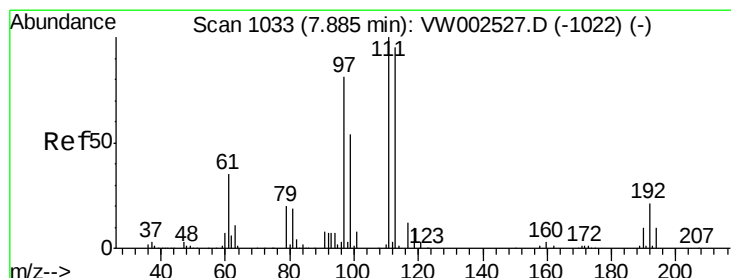
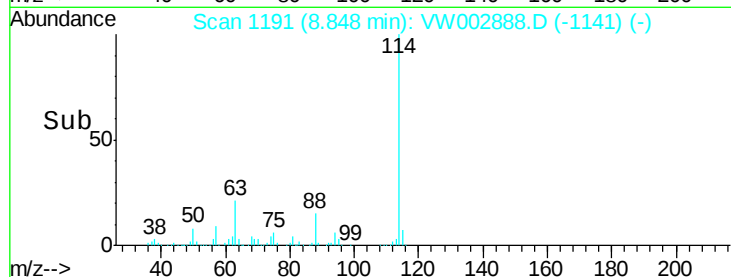
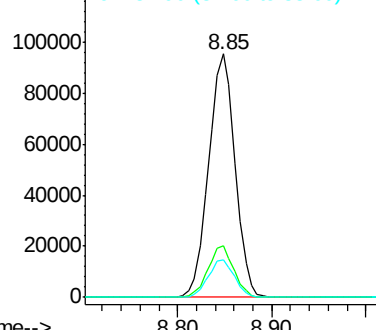
Tgt Ion:	114	Resp:	184893
Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	43.2
88	15.3	0.0	29.2



Abundance Ion 113.90 (113.60 to 114.60): V

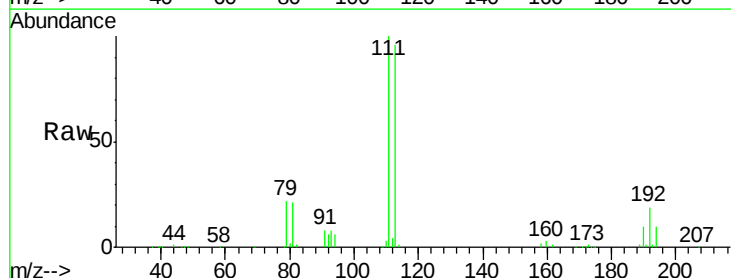
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 65.44 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002888.D
 Acq: 25 May 2018 21:43

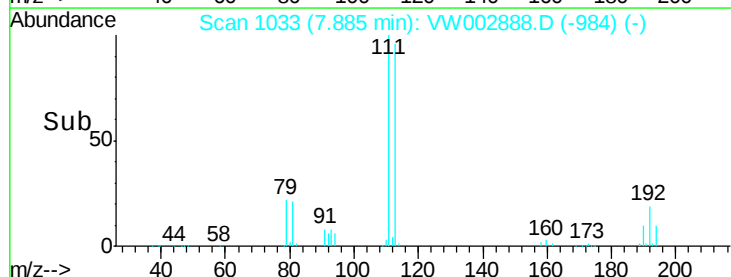
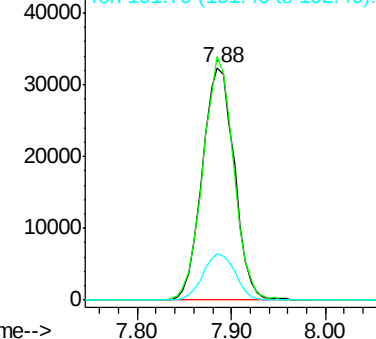
Tgt Ion:	113	Resp:	76755
Ion	Ratio	Lower	Upper
113	100		
111	100.1	81.8	122.8
192	20.1	17.5	26.3

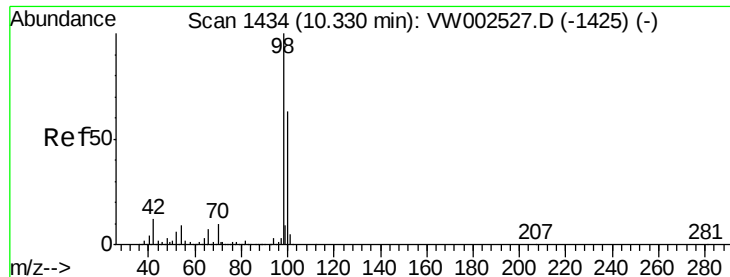


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 56.21 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002888.D

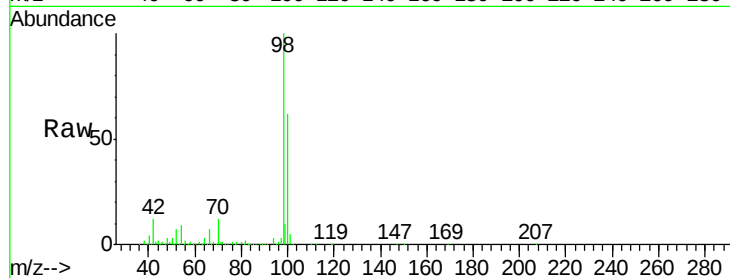
Acq: 25 May 2018 21:43

Tgt Ion: 98 Resp: 250818

Ion Ratio Lower Upper

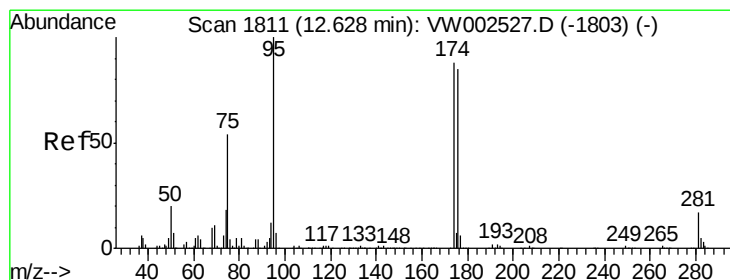
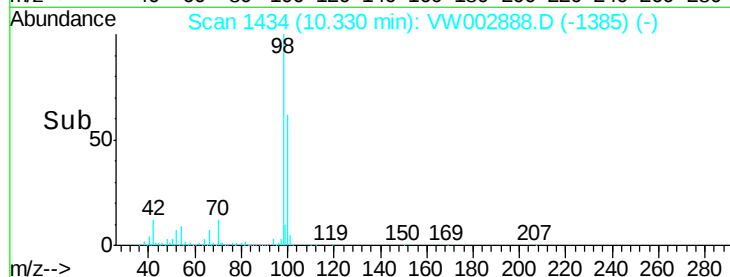
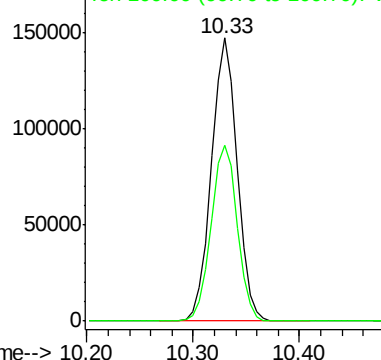
98 100

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



#62

4-Bromofluorobenzene

Concen: 50.40 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002888.D

Acq: 25 May 2018 21:43

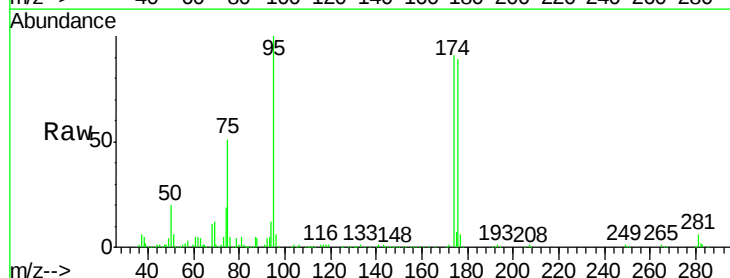
Tgt Ion: 95 Resp: 82251

Ion Ratio Lower Upper

95 100

174 88.6 0.0 176.6

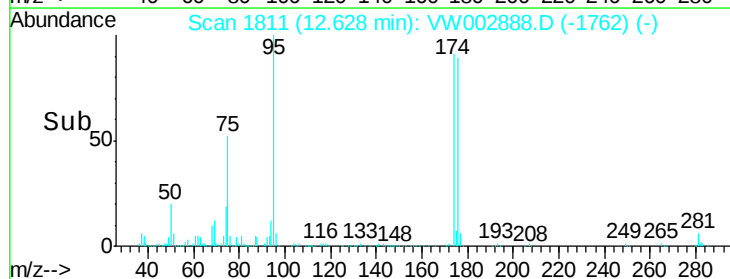
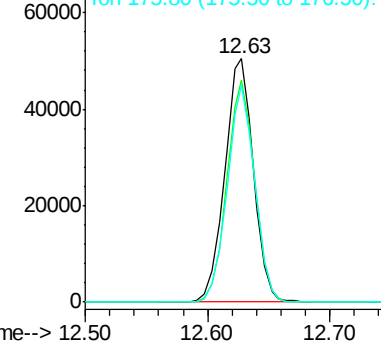
176 85.7 0.0 172.2

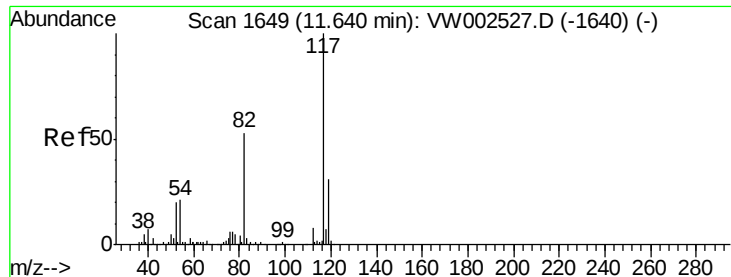


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

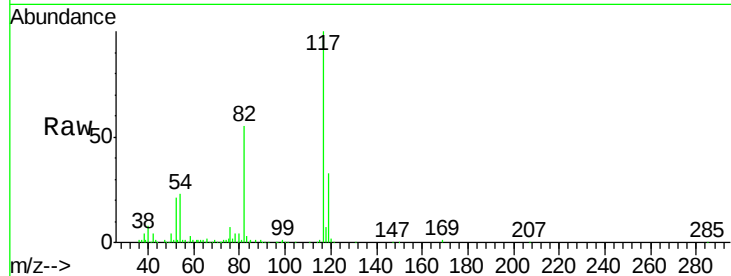
Ion 175.80 (175.50 to 176.50): V



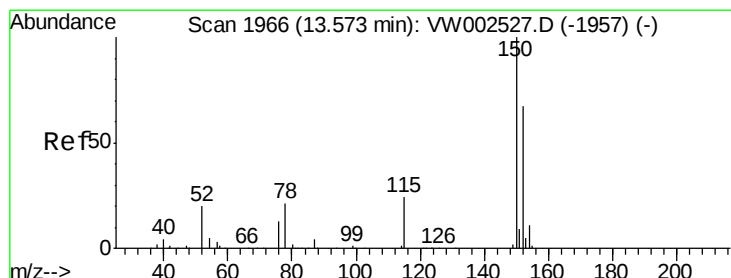
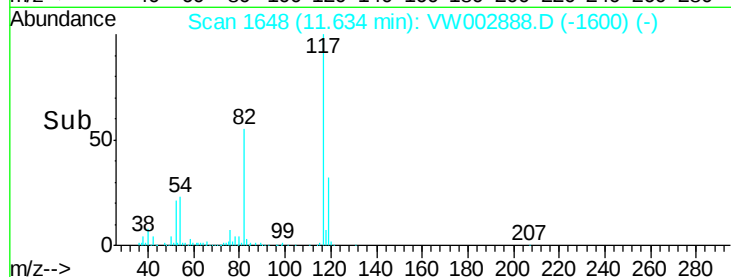
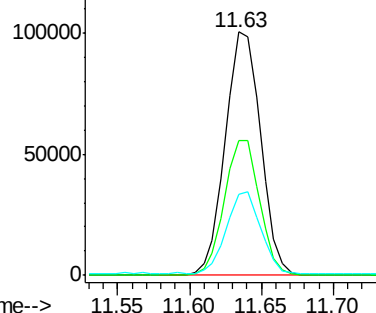


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW002888.D
Acq: 25 May 2018 21:43

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.4	42.6	64.0
119	32.4	25.0	37.6

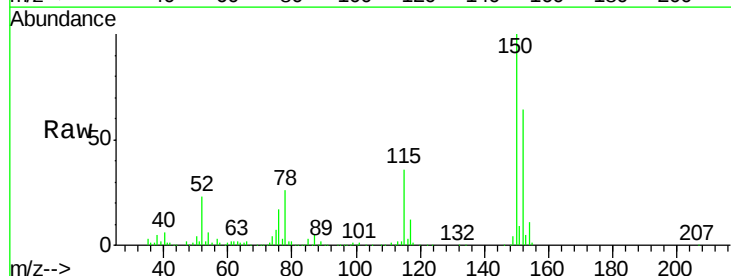


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.01 min
Lab File: VW002888.D
Acq: 25 May 2018 21:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.8	28.0	84.0
150	156.3	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

