

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051518\
 Data File : VW002579.D
 Acq On : 16 May 2018 05:08
 Operator : JC/SY
 Sample : J2785-07
 Misc : 5.06G/10ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BP-3A

Quant Time: May 16 08:03:38 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

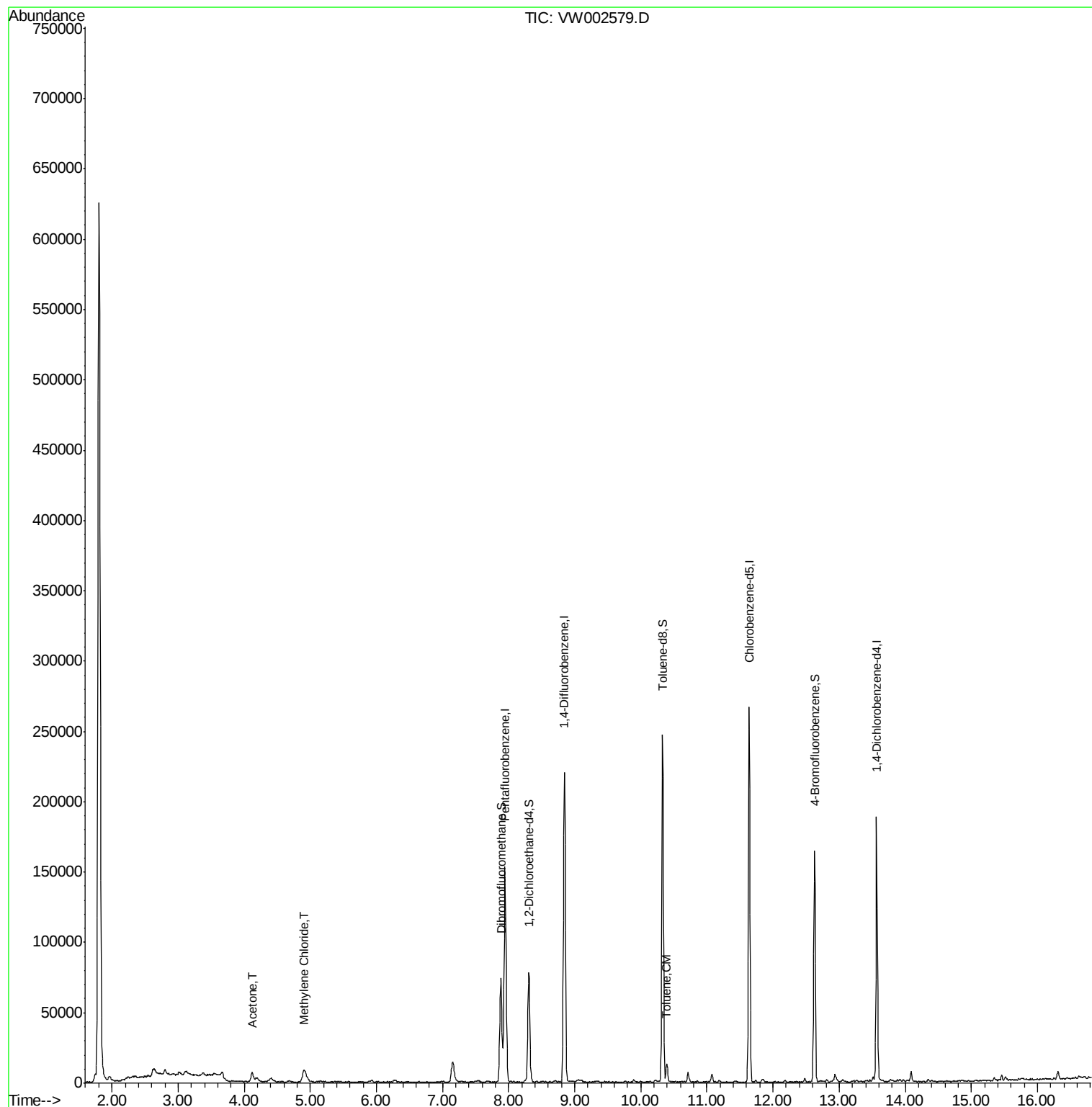
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	121065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	184002	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	142820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	48769	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	60954	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
35) Dibromofluoromethane	7.88	113	51005	43.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.38%	
50) Toluene-d8	10.33	98	162518	36.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.18%	
62) 4-Bromofluorobenzene	12.63	95	46822	28.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.66%	
Target Compounds						
16) Acetone	4.12	43	11294	42.76	ug/l	93
20) Methylene Chloride	4.90	84	8173	5.32	ug/l	90
52) Toluene	10.39	92	4827	1.64	ug/l	94

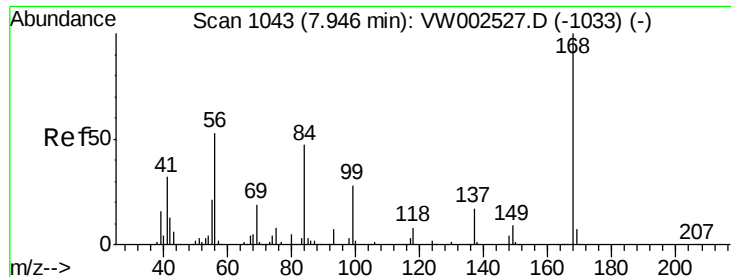
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW002579.D

Acq: 16 May 2018 05:08

Instrument :

MSVOA_W

ClientSampleId :

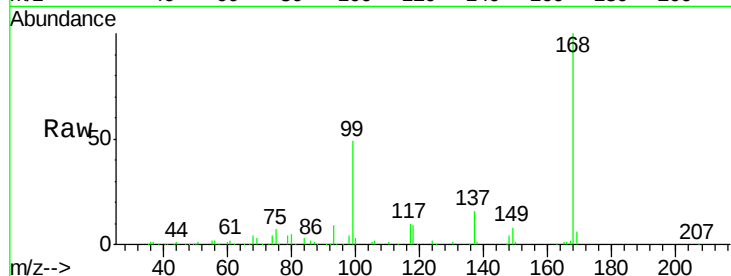
BP-3A

Tot Ion:168 Resp: 121065

Ion Ratio Lower Upper

168 100

99 49.1 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

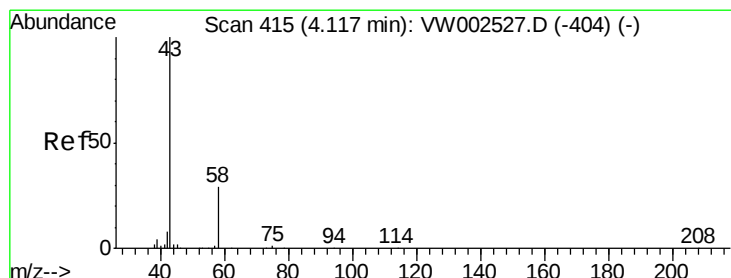
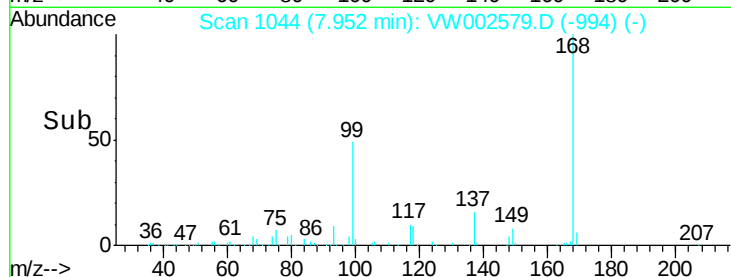
30000

20000

10000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 42.76 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

Lab File: VW002579.D

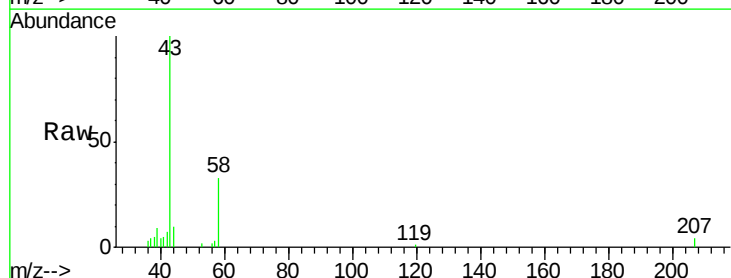
Acq: 16 May 2018 05:08

Tgt Ion: 43 Resp: 11294

Ion Ratio Lower Upper

43 100

58 32.8 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

4000

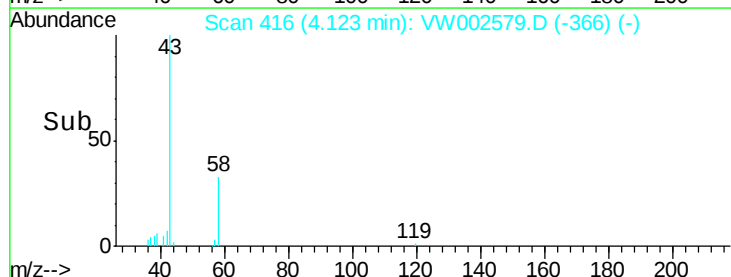
3000

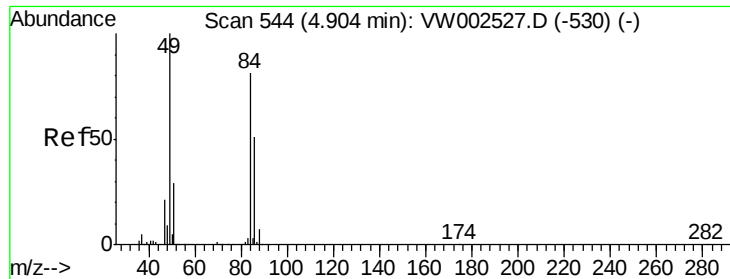
2000

1000

0

Time--> 4.00 4.10 4.20

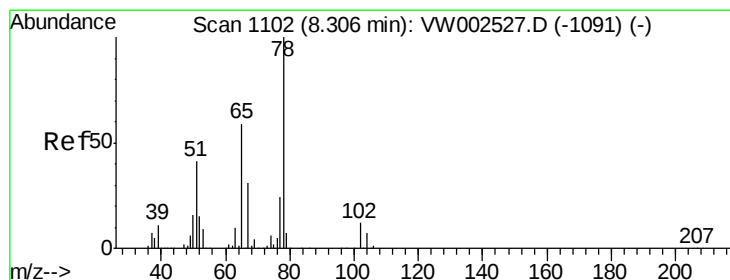
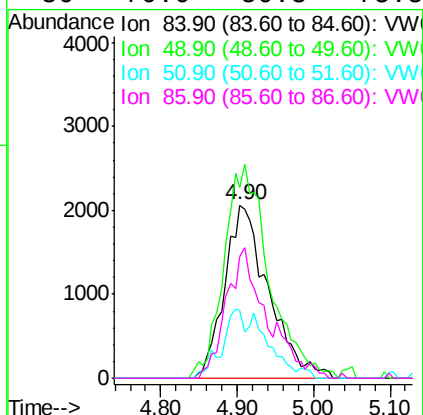
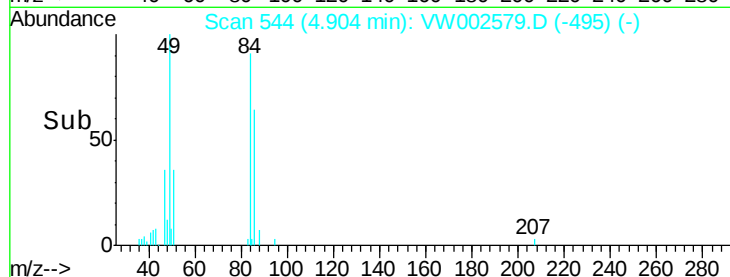
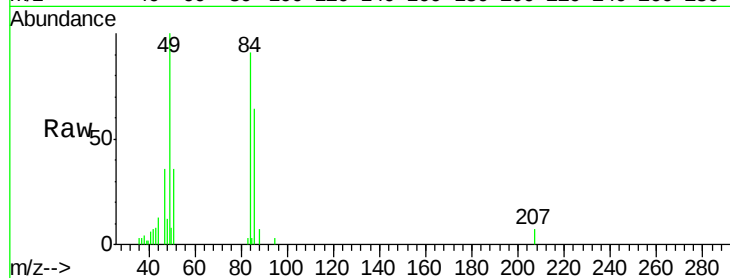




#20
Methvlene Chloride
Concen: 5.32 ug/l
RT: 4.90 min Scan# 544
Delta R.T. 0.00 min
Lab File: VW002579.D
Acq: 16 May 2018 05:08

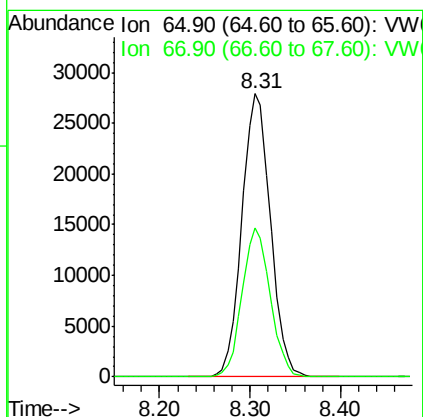
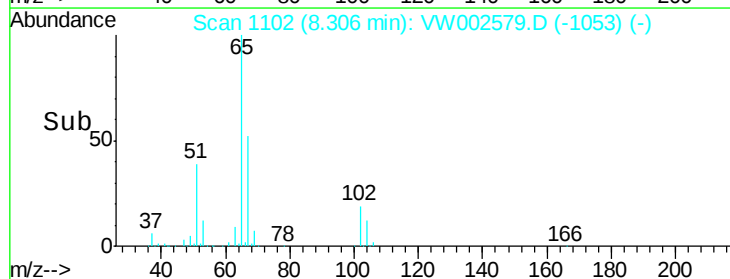
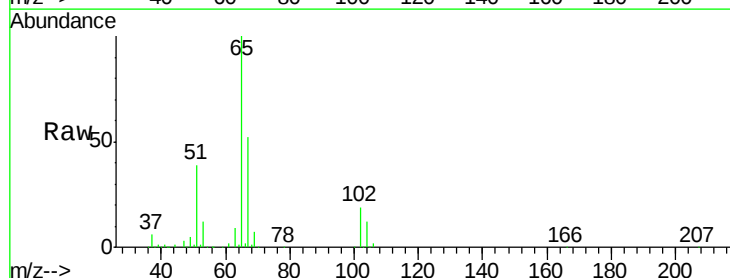
Instrument :
MSVOA_W
ClientSampleId :
BP-3A

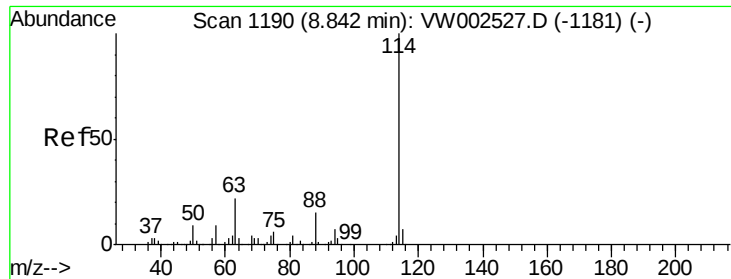
Tot Ion: 84 Resp: 8173
Ion Ratio Lower Upper
84 100
49 109.8 99.4 149.0
51 39.1 29.0 43.6
86 70.0 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 48.72 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VW002579.D
Acq: 16 May 2018 05:08

Tgt Ion: 65 Resp: 60954
Ion Ratio Lower Upper
65 100
67 51.9 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: VW002579.D

Acq: 16 May 2018 05:08

Instrument :

MSVOA_W

ClientSampleId :

BP-3A

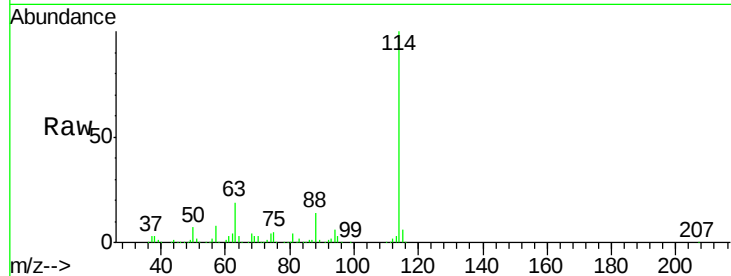
Tot Ion:114 Resp: 184002

Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

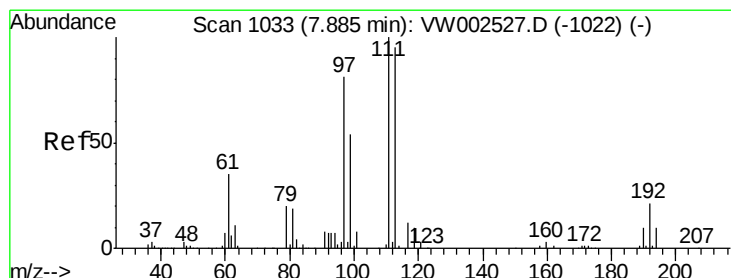
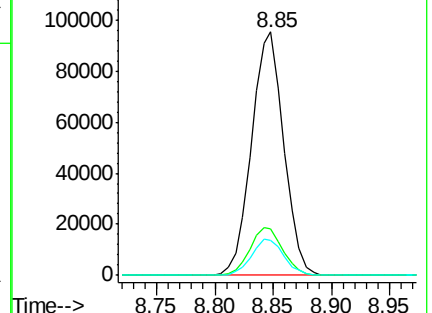
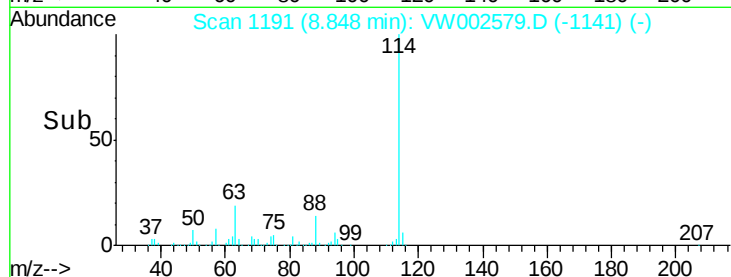
88 14.4 0.0 29.2



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: 43.69 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW002579.D

Acq: 16 May 2018 05:08

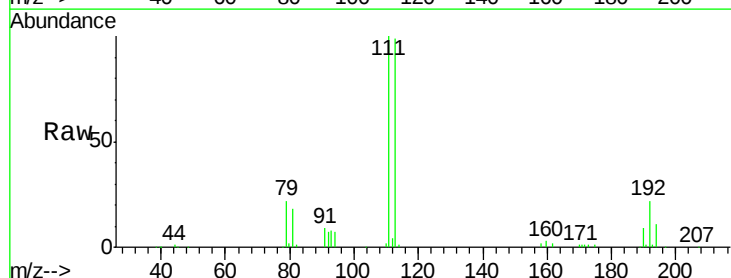
Tgt Ion:113 Resp: 51005

Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.8

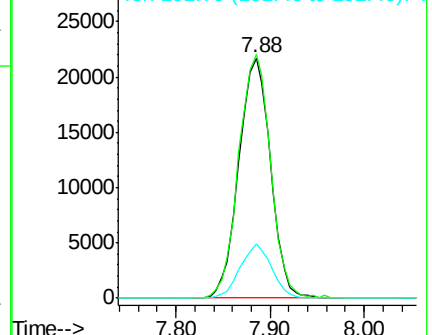
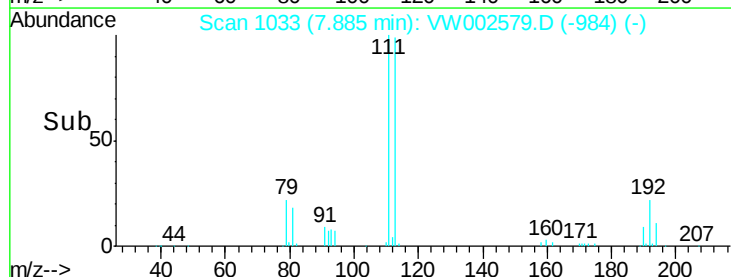
192 22.3 17.5 26.3

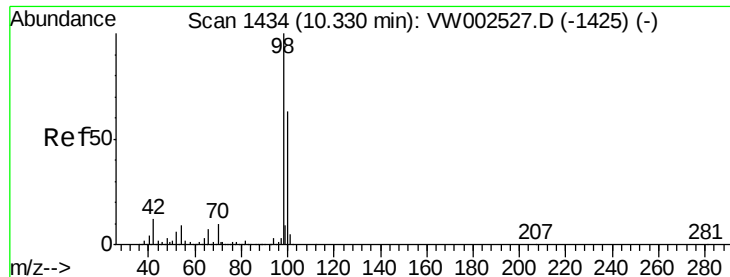


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 36.59 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW002579.D

Acq: 16 May 2018 05:08

Instrument :

MSVOA_W

ClientSampled :

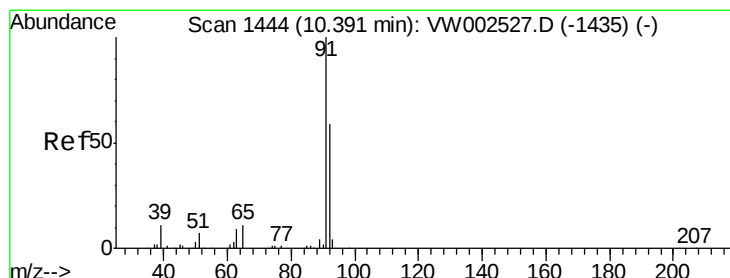
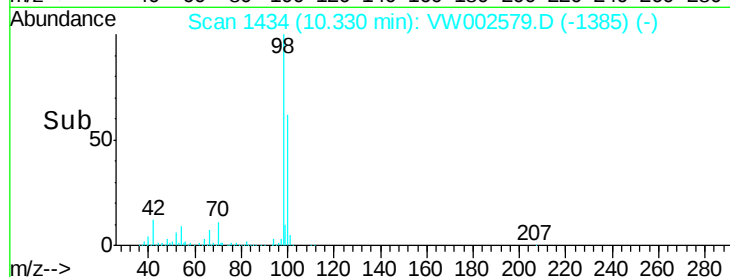
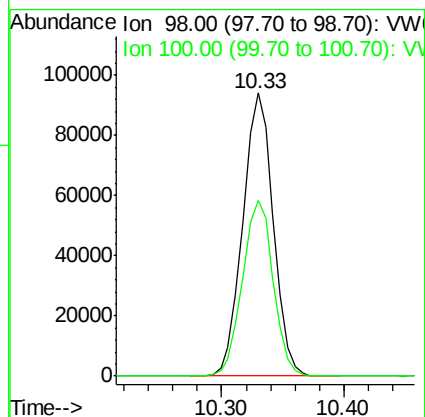
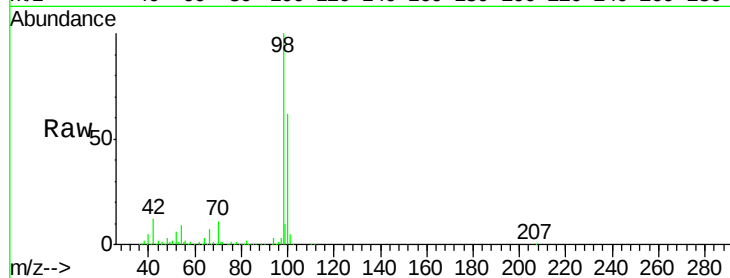
BP-3A

Tot Ion: 98 Resp: 162518

Ion Ratio Lower Upper

98 100

100 62.7 51.0 76.4



#52

Toluene

Concen: 1.64 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW002579.D

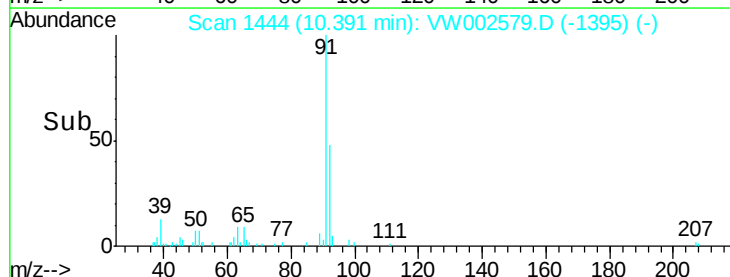
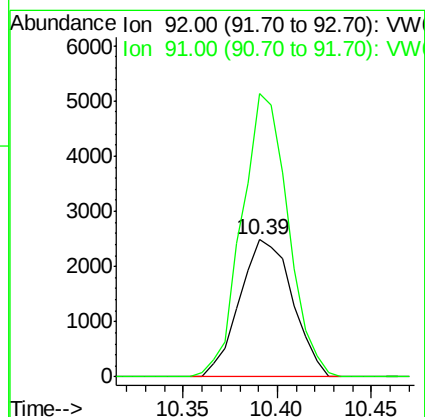
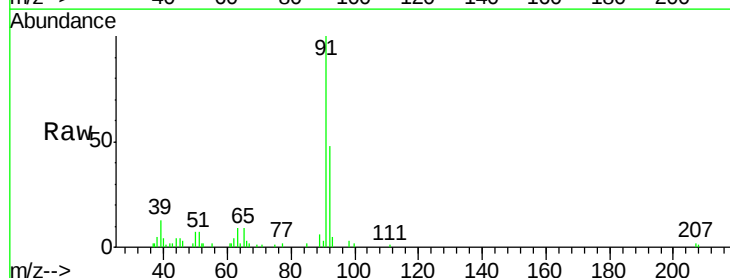
Acq: 16 May 2018 05:08

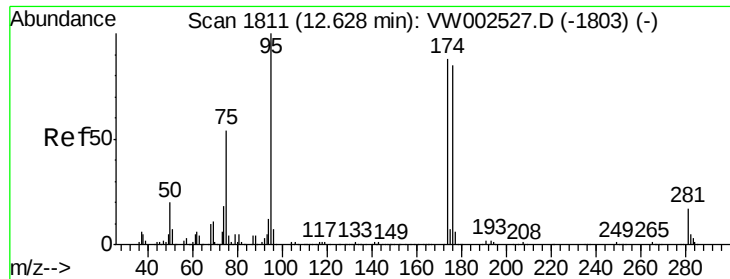
Tgt Ion: 92 Resp: 4827

Ion Ratio Lower Upper

92 100

91 181.6 139.1 208.7





#62

4-Bromofluorobenzene

Concen: 28.83 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW002579.D

Acq: 16 May 2018 05:08

Instrument :

MSVOA_W

ClientSampleId :

BP-3A

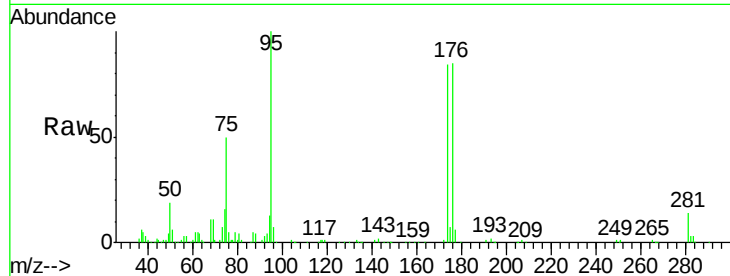
Tot Ion: 95 Resp: 46822

Ion Ratio Lower Upper

95 100

174 89.4 0.0 176.6

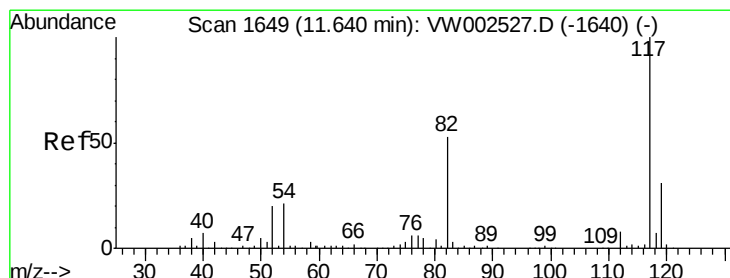
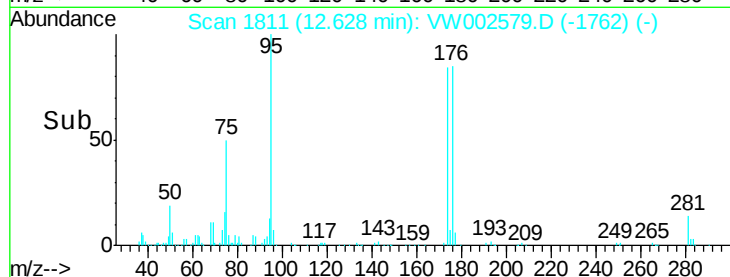
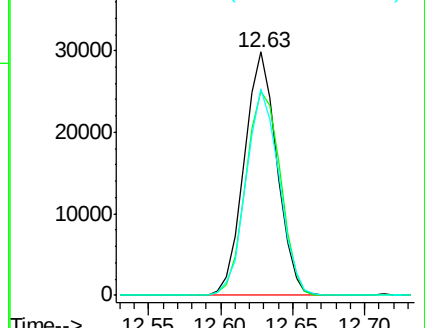
176 85.9 0.0 172.2



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: VW002579.D

Acq: 16 May 2018 05:08

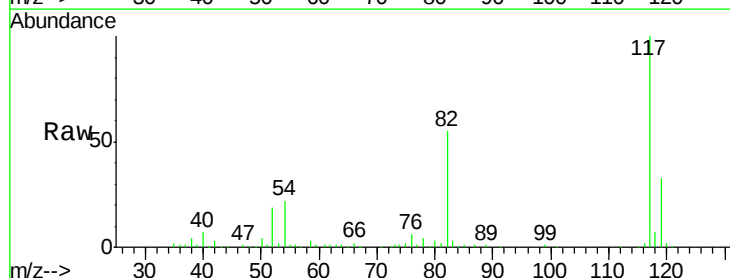
Tgt Ion: 117 Resp: 142820

Ion Ratio Lower Upper

117 100

82 54.9 42.6 64.0

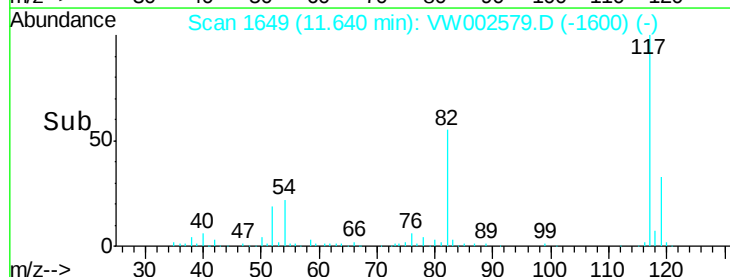
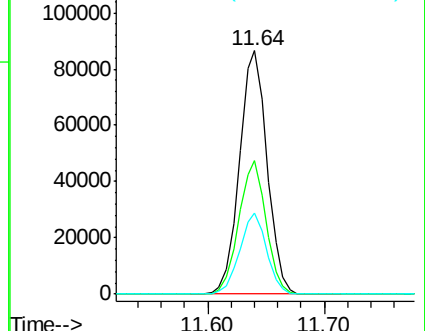
119 33.2 25.0 37.6

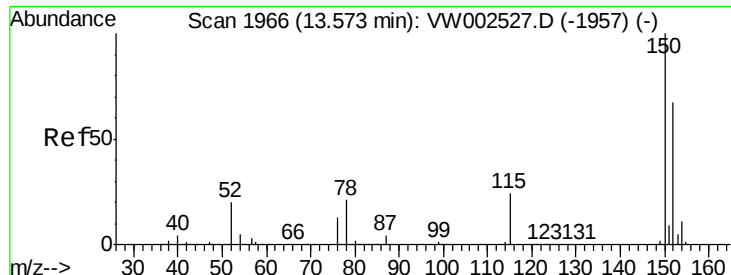


Abundance Ion 116.90 (116.60 to 117.60): VW

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# 1966

Delta R.T. 0.00 min

Lab File: VW002579.D

Acq: 16 May 2018 05:08

Instrument :

MSVOA_W

ClientSampleId :

BP-3A

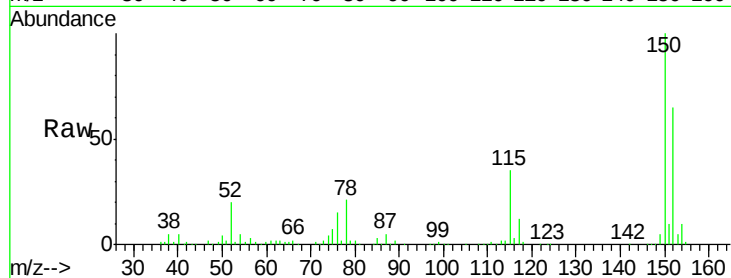
Tot Ion:152 Resp: 48769

Ion Ratio Lower Upper

152 100

115 56.2 28.0 84.0

150 158.7 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

