

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051518\
 Data File : VW002582.D
 Acq On : 16 May 2018 06:23
 Operator : JC/SY
 Sample : J2785-11
 Misc : 5.24G/10ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BP-4B

Quant Time: May 16 08:20:05 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

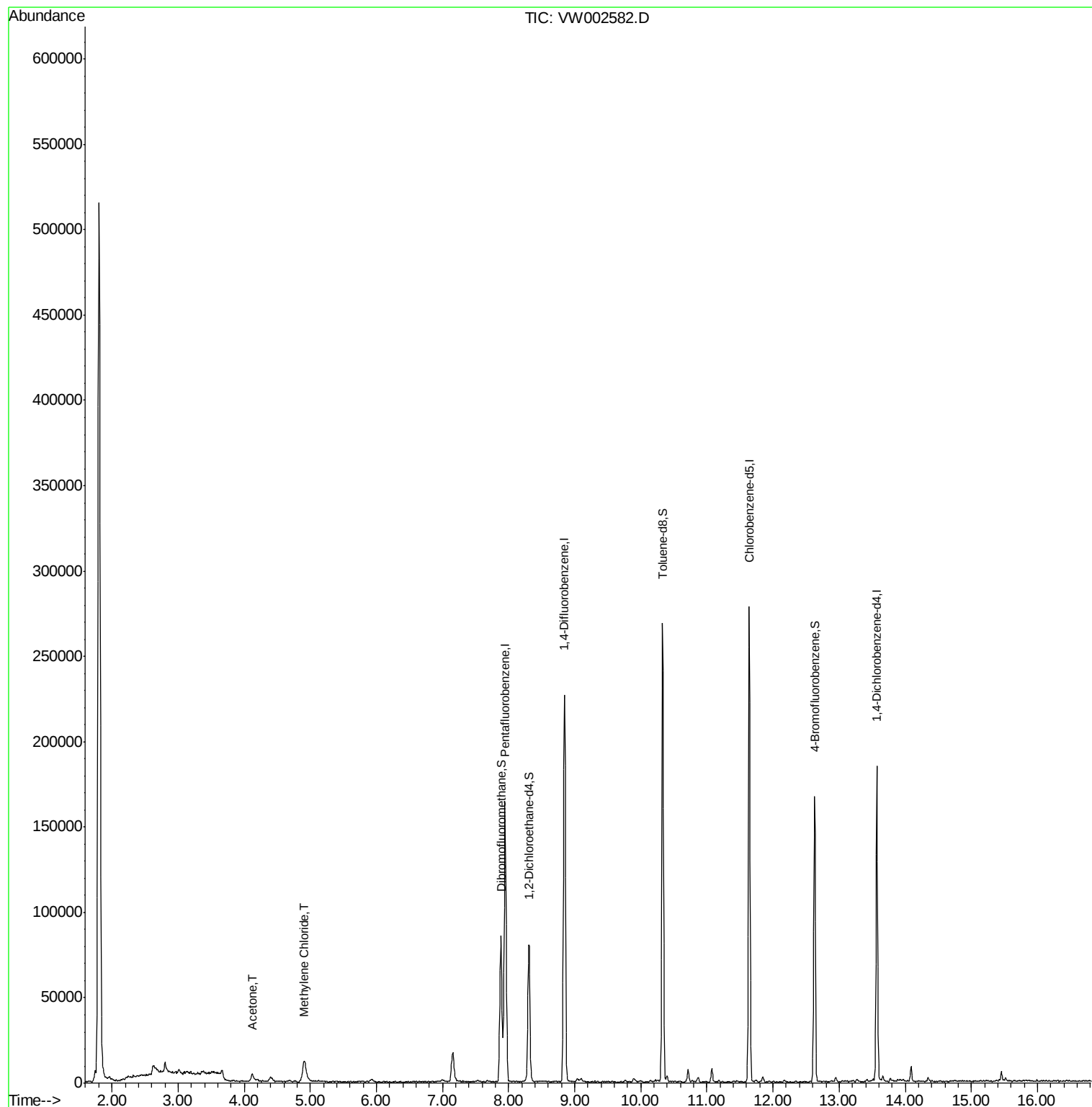
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	126084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	193740	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	151923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	49145	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	63581	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
35) Dibromofluoromethane	7.88	113	57851	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
50) Toluene-d8	10.33	98	174422	37.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.60%	
62) 4-Bromofluorobenzene	12.63	95	47346	27.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	55.38%	
Target Compounds						
16) Acetone	4.12	43	7691	27.96	ug/l	99
20) Methylene Chloride	4.92	84	11307	8.02	ug/l #	91

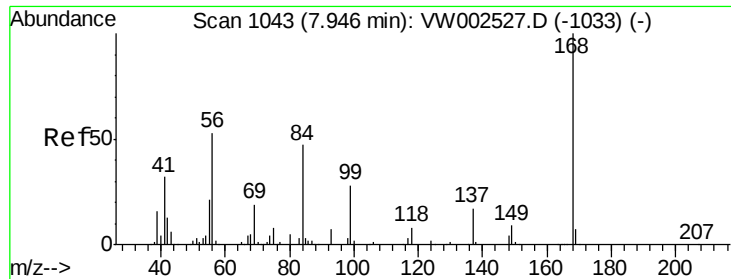
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW002582.D

Acq: 16 May 2018 06:23

Instrument :

MSVOA_W

ClientSampleId :

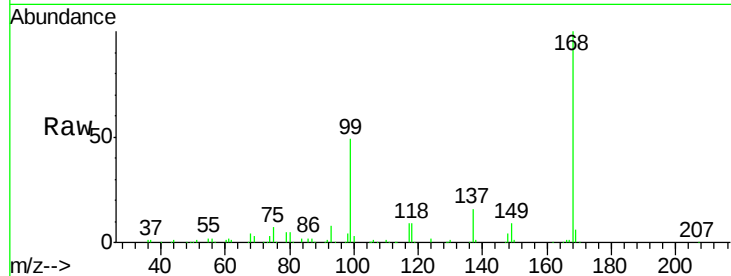
BP-4B

Tot Ion:168 Resp: 126084

Ion Ratio Lower Upper

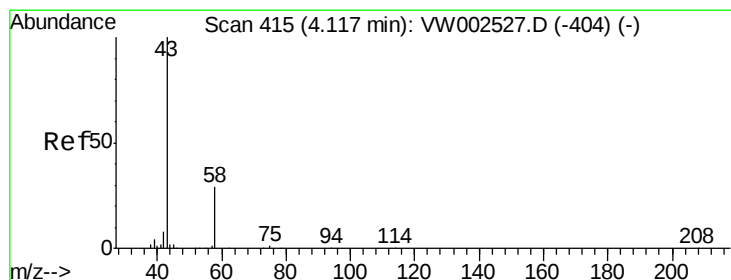
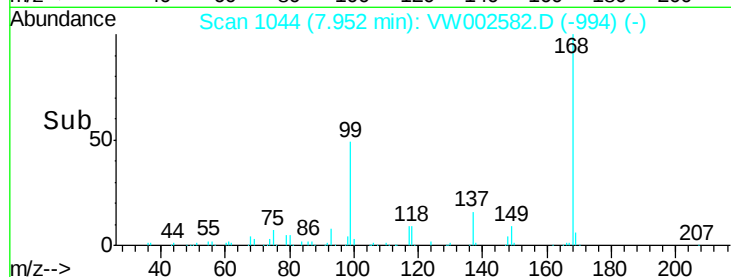
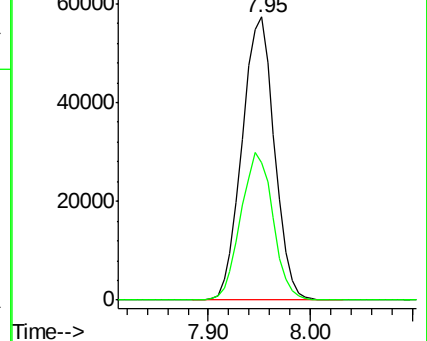
168 100

99 48.7 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: 27.96 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

Lab File: VW002582.D

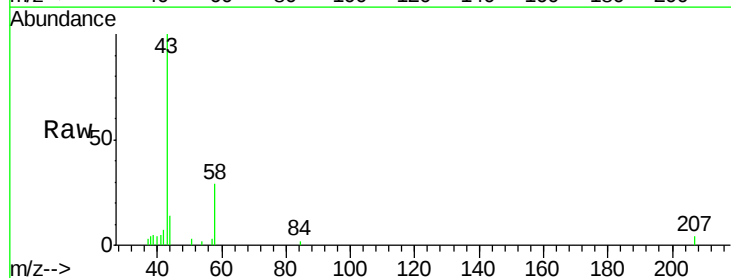
Acq: 16 May 2018 06:23

Tgt Ion: 43 Resp: 7691

Ion Ratio Lower Upper

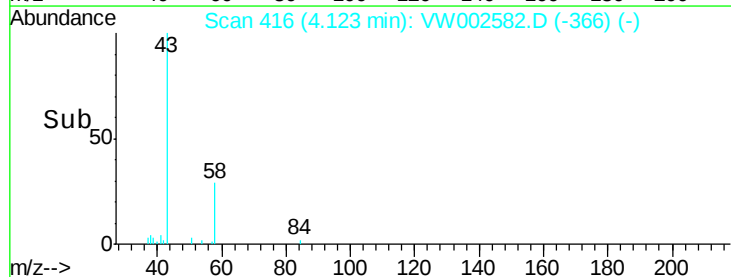
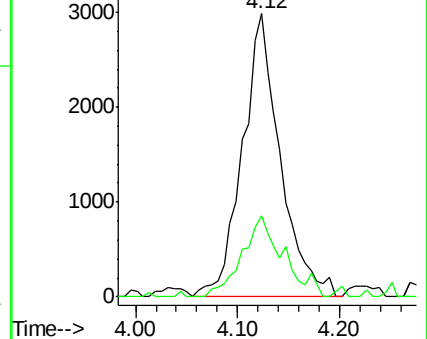
43 100

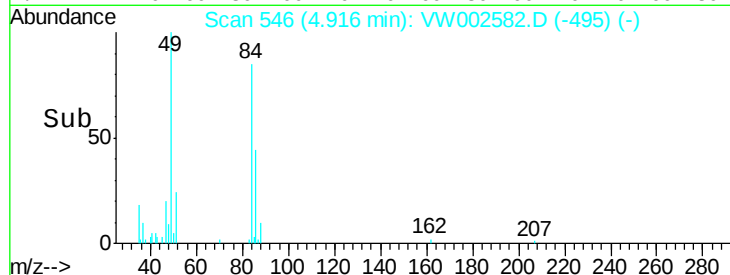
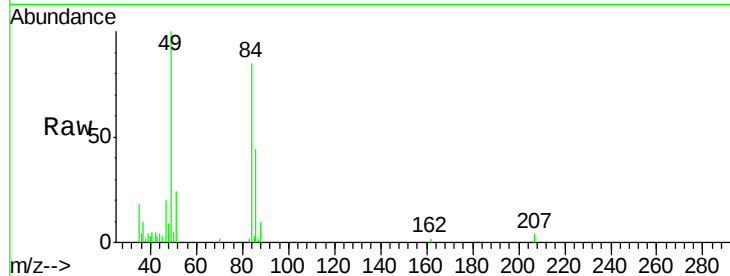
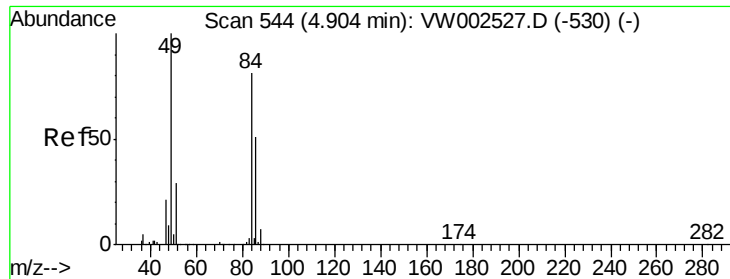
58 28.7 23.4 35.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

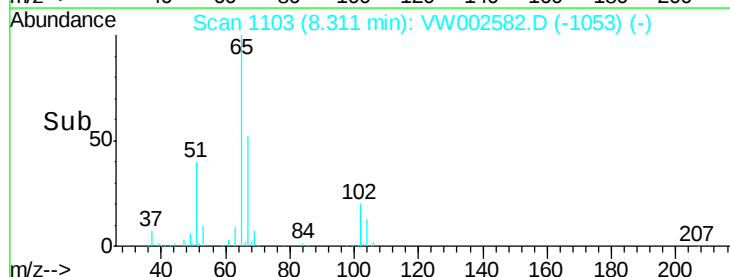
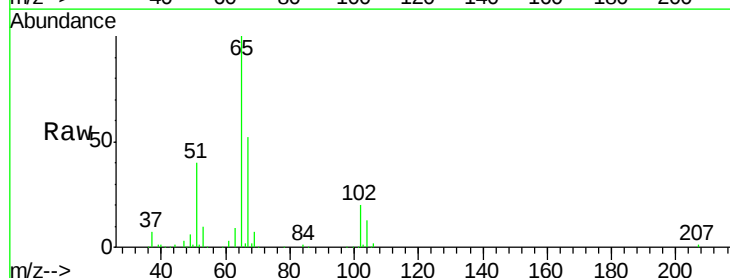
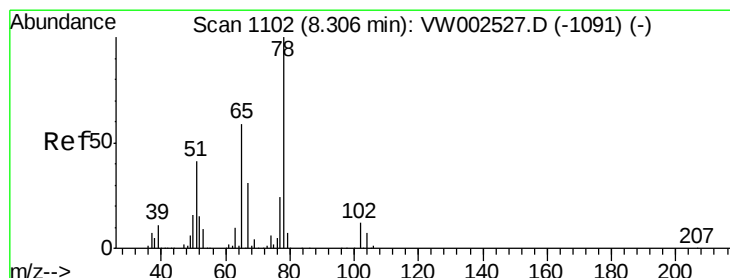
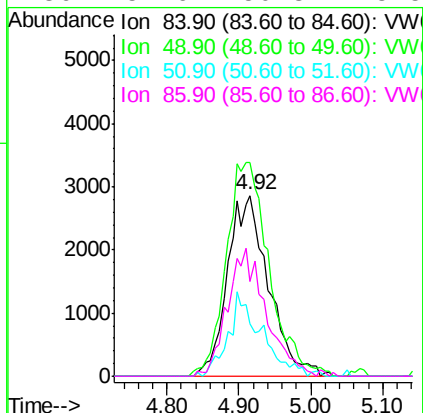




#20
Methvlene Chloride
Concen: 8.02 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW002582.D
Acq: 16 May 2018 06:23

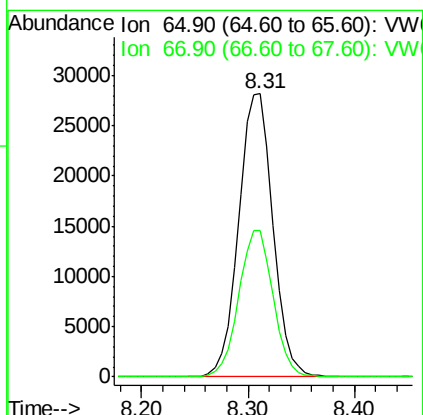
Instrument :
MSVOA_W
ClientSampleId :
BP-4B

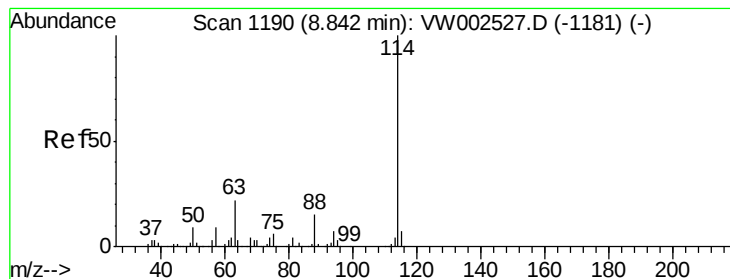
Tot Ion: 84 Resp: 11307
Ion Ratio Lower Upper
84 100
49 118.3 99.4 149.0
51 28.9 29.0 43.6#
86 52.6 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 48.80 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VW002582.D
Acq: 16 May 2018 06:23

Tgt Ion: 65 Resp: 63581
Ion Ratio Lower Upper
65 100
67 52.1 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: VW002582.D

Acq: 16 May 2018 06:23

Instrument :

MSVOA_W

ClientSampleId :

BP-4B

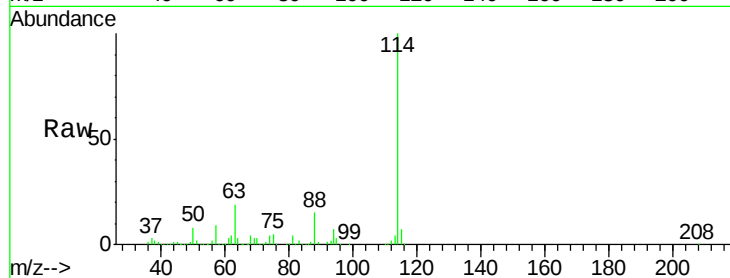
Tot Ion:114 Resp: 193740

Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

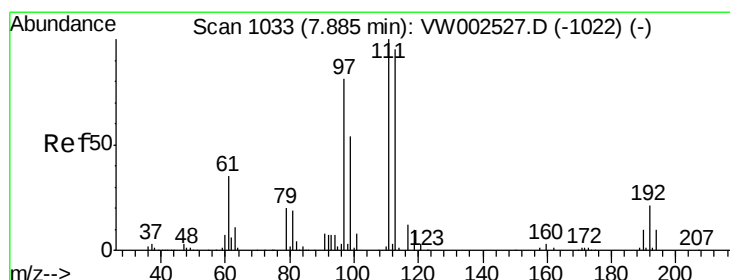
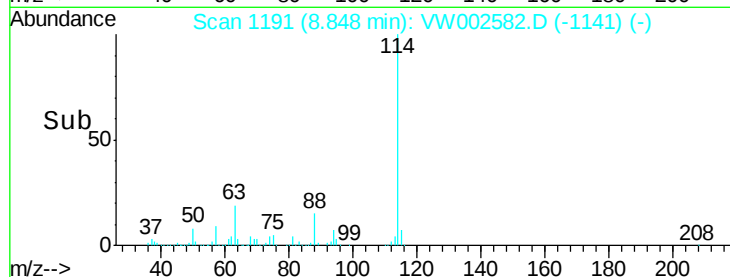
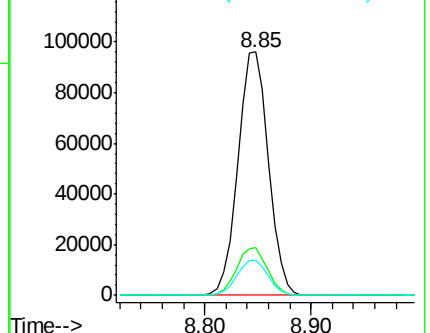
88 14.5 0.0 29.2



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: 47.07 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW002582.D

Acq: 16 May 2018 06:23

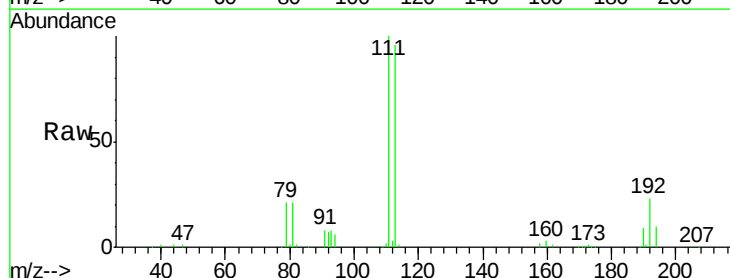
Tgt Ion:113 Resp: 57851

Ion Ratio Lower Upper

113 100

111 103.4 81.8 122.8

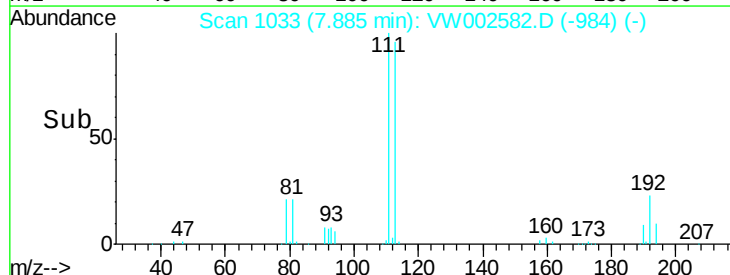
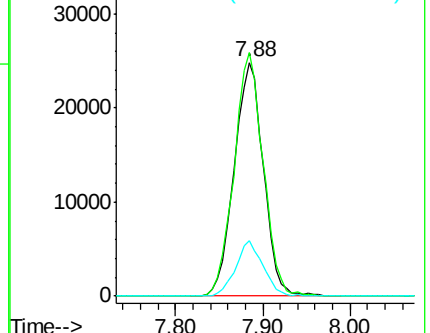
192 22.2 17.5 26.3

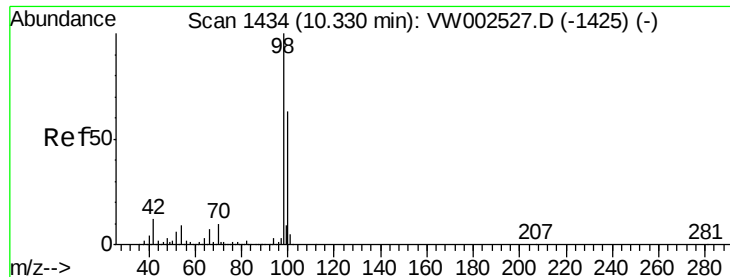


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 37.30 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002582.D

Acq: 16 May 2018 06:23

Instrument :

MSVOA_W

ClientSampled :

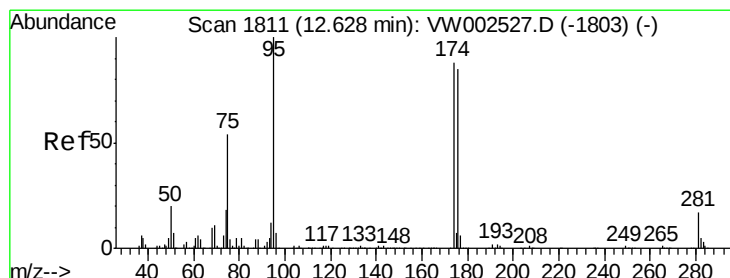
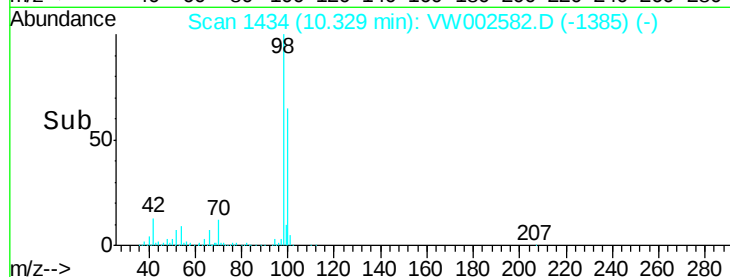
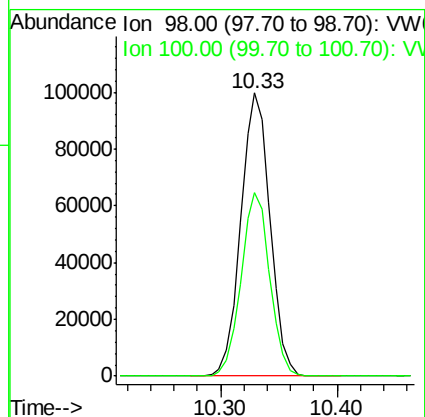
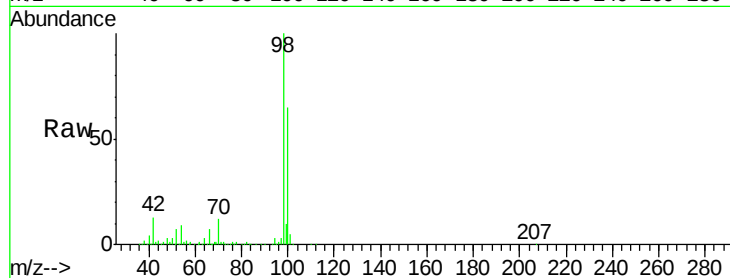
BP-4B

Tot Ion: 98 Resp: 174422

Ion Ratio Lower Upper

98 100

100 63.5 51.0 76.4



#62

4-Bromofluorobenzene

Concen: 27.69 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002582.D

Acq: 16 May 2018 06:23

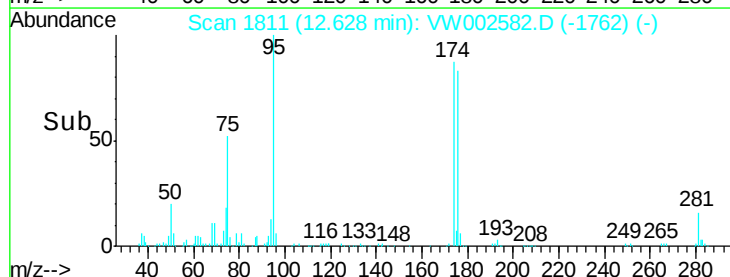
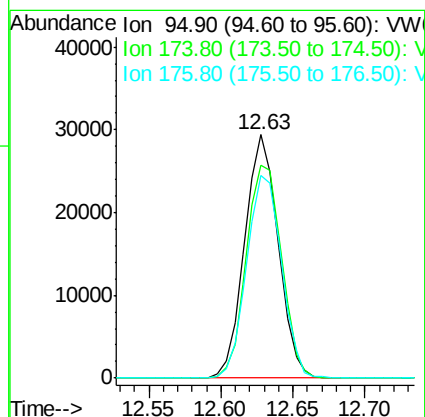
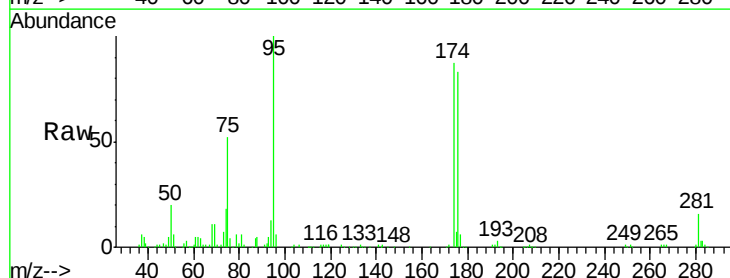
Tgt Ion: 95 Resp: 47346

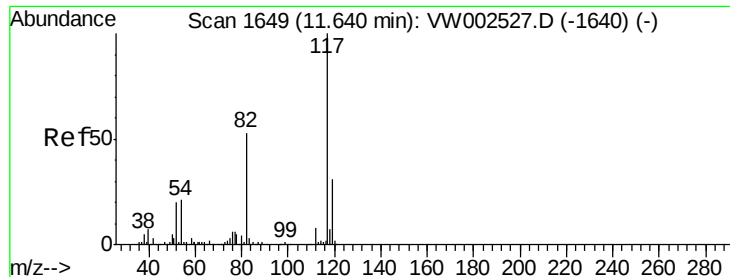
Ion Ratio Lower Upper

95 100

174 92.0 0.0 176.6

176 86.4 0.0 172.2





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.64 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VW002582.D

Acq: 16 May 2018 06:23

Instrument :

MSVOA_W

ClientSampleId :

BP-4B

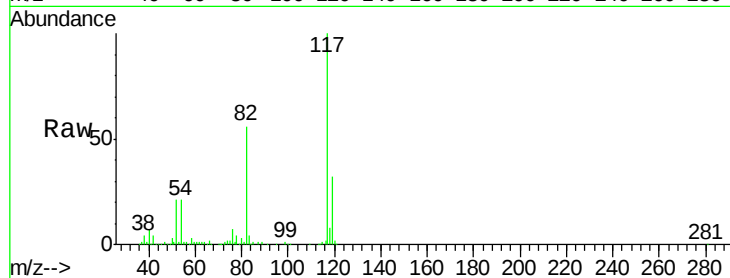
Tot Ion:117 Resp: 151923

Ion Ratio Lower Upper

117 100

82 56.1 42.6 64.0

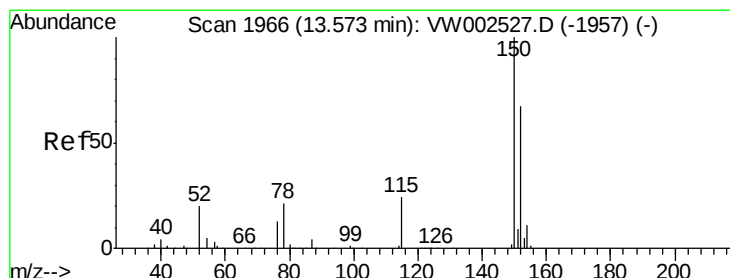
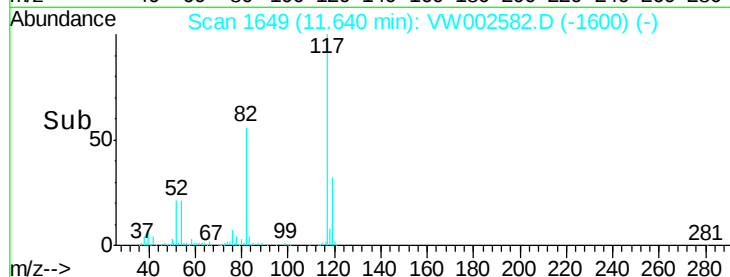
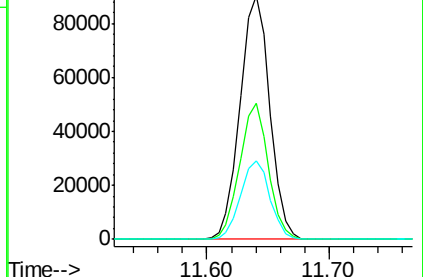
119 32.0 25.0 37.6



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# 1966

Delta R.T. -0.00 min

Lab File: VW002582.D

Acq: 16 May 2018 06:23

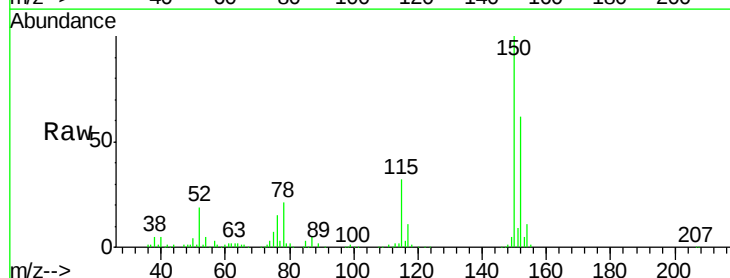
Tgt Ion:152 Resp: 49145

Ion Ratio Lower Upper

152 100

115 55.7 28.0 84.0

150 156.2 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

