

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090618\
 Data File : VW005186.D
 Acq On : 07 Sep 2018 02:57
 Operator : SY/AP
 Sample : J4748-04
 Misc : 5.52G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01

Quant Time: Sep 07 04:33:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	400750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	669713	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	600827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	207107	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	226652	68.23	ug/l	0.00
Spiked Amount			Recovery	=	136.46%	
35) Dibromofluoromethane	7.89	113	95	0.02	ug/l	0.00
Spiked Amount			Recovery	=	0.04%	
50) Toluene-d8	10.33	98	848992	47.61	ug/l	0.00
Spiked Amount			Recovery	=	95.22%	
62) 4-Bromofluorobenzene	12.62	95	231351	36.79	ug/l	0.00
Spiked Amount			Recovery	=	73.58%	

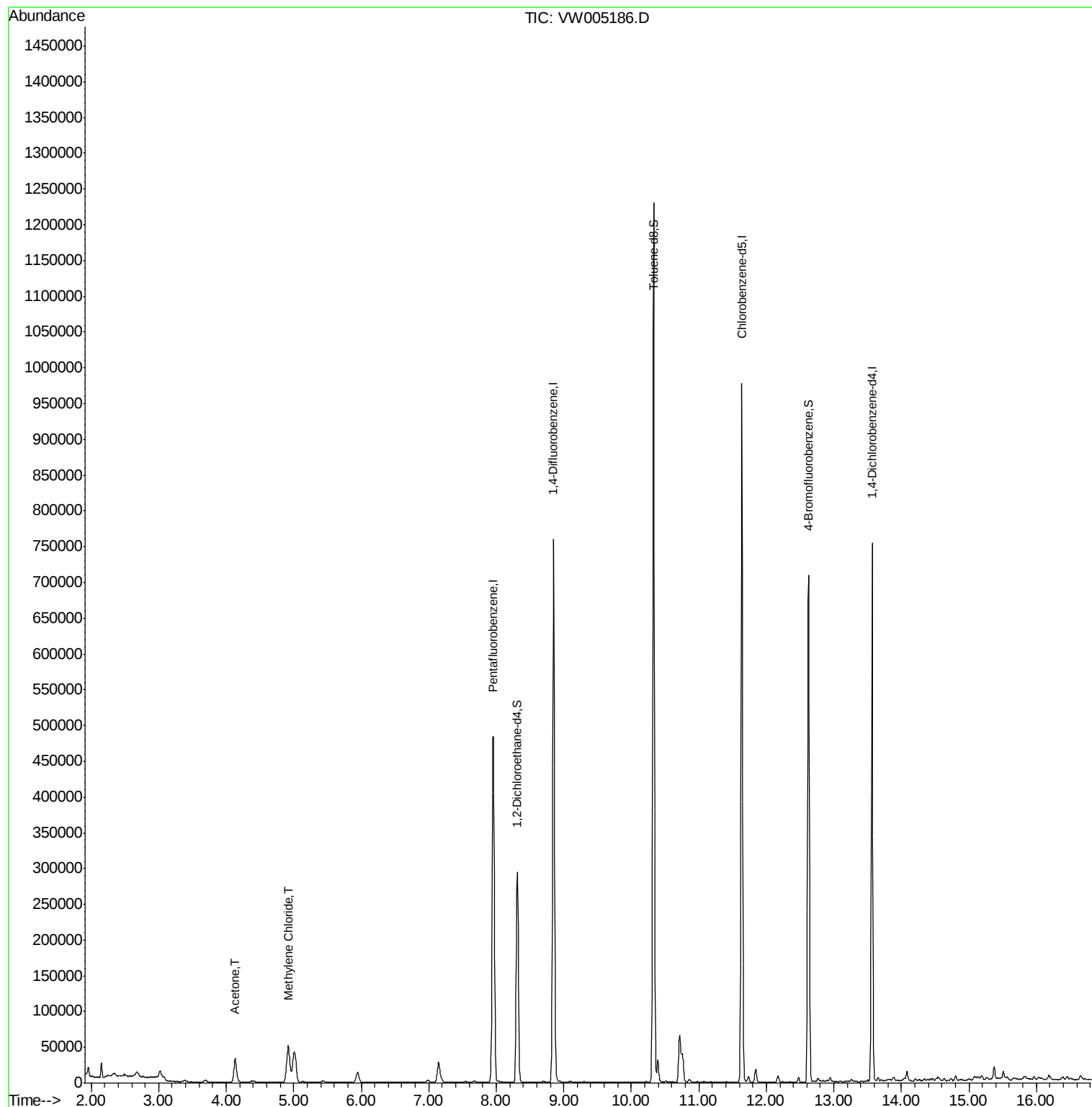
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	57605	86.46	ug/l	99
20) Methylene Chloride	4.92	84	43284	6.21	ug/l	98

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

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Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005186.D

Acq: 07 Sep 2018 02:57

Instrument :

MSVOA_W

ClientSampled :

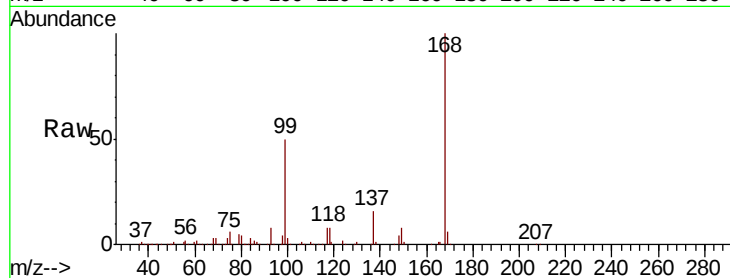
SB-01

Tot Ion:168 Resp: 400750

Ion Ratio Lower Upper

168 100

99 50.2 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

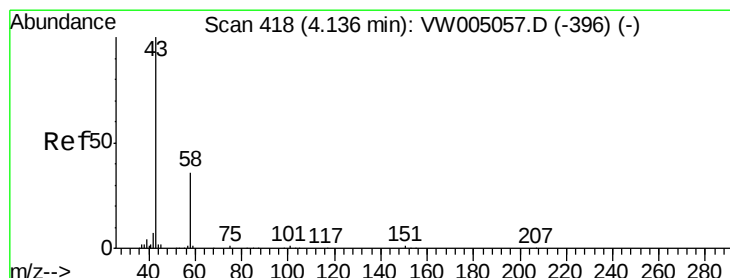
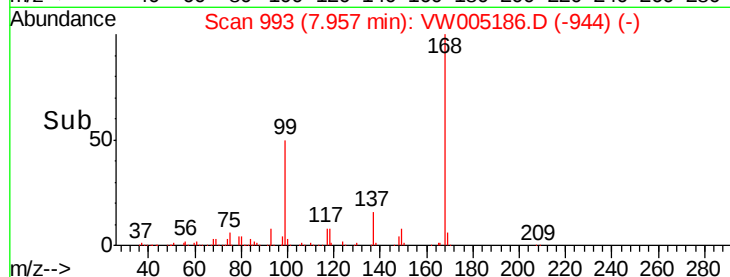
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 86.46 ug/l

RT: 4.13 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW005186.D

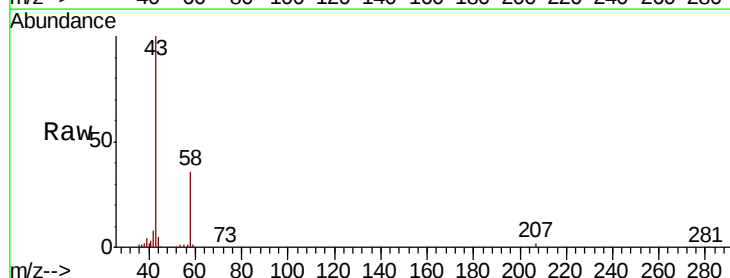
Acq: 07 Sep 2018 02:57

Tgt Ion: 43 Resp: 57605

Ion Ratio Lower Upper

43 100

58 35.5 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

20000

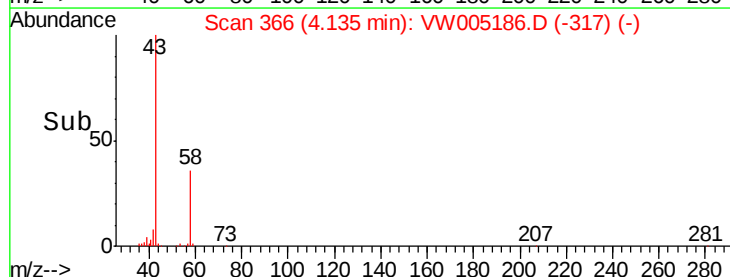
15000

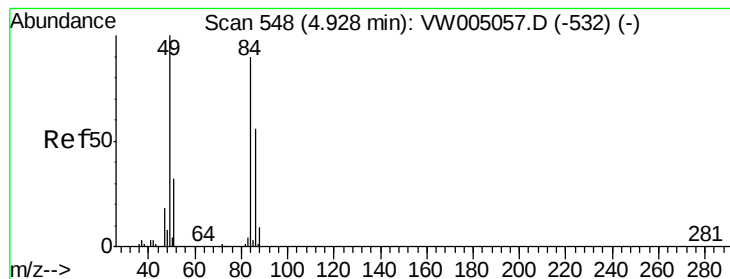
10000

5000

0

Time--> 4.00 4.10 4.20 4.30





#20

Methvlene Chloride

Concen: 6.21 ug/l

RT: 4.92 min Scan# 495

Delta R.T. -0.01 min

Lab File: VW005186.D

Acq: 07 Sep 2018 02:57

Instrument :

MSVOA_W

ClientSampleId :

SB-01

Tot Ion: 84 Resp: 43284

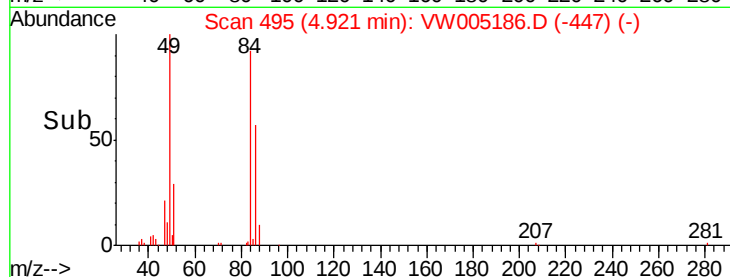
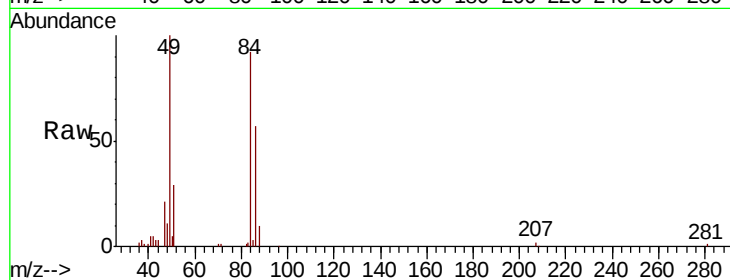
Ion Ratio Lower Upper

84 100

49 108.9 88.7 133.1

51 32.0 28.6 42.8

86 62.1 49.4 74.2

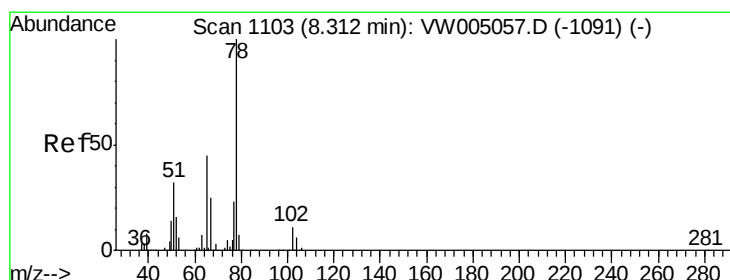
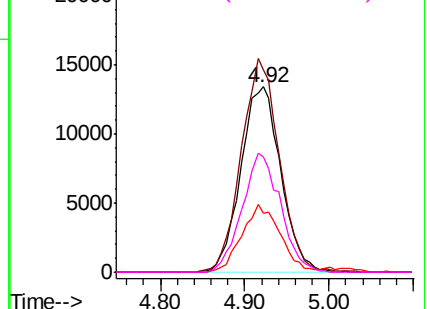


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 68.23 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005186.D

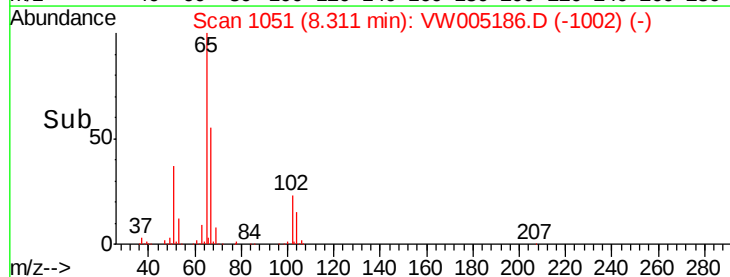
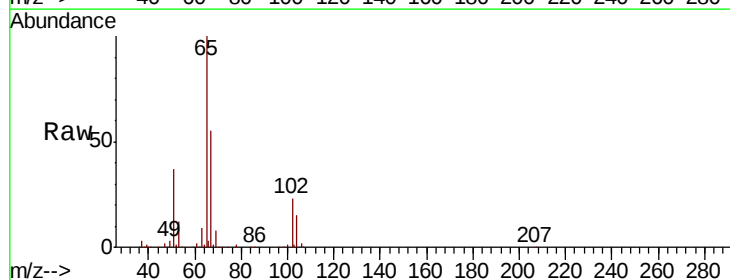
Acq: 07 Sep 2018 02:57

Tgt Ion: 65 Resp: 226652

Ion Ratio Lower Upper

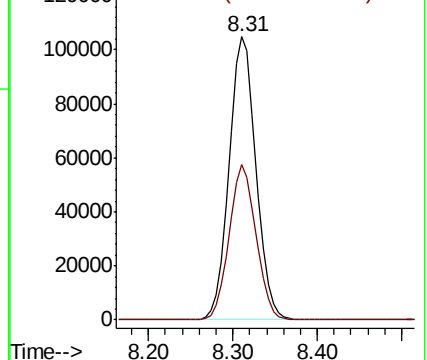
65 100

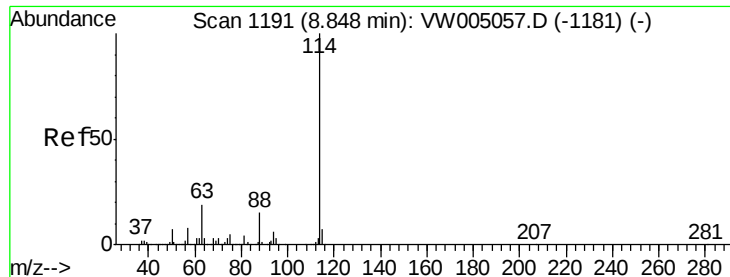
67 54.8 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

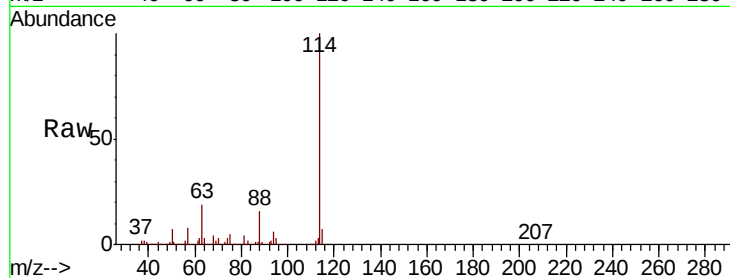




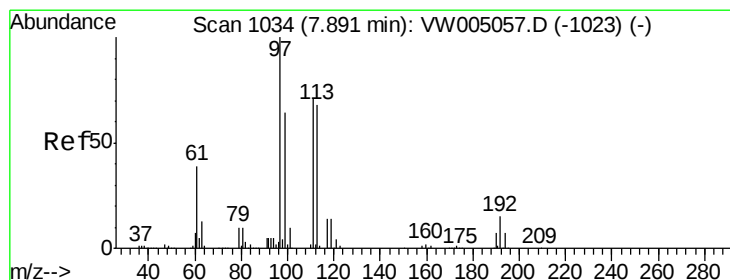
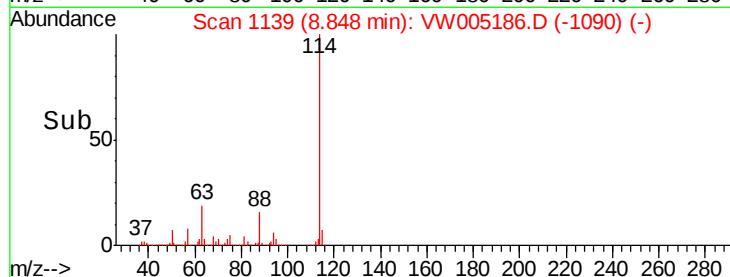
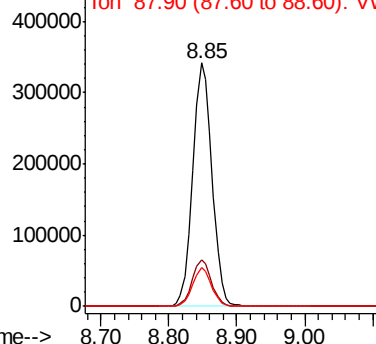
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005186.D
 Acq: 07 Sep 2018 02:57

Instrument :
 MSVOA_W
 ClientSampled :
 SB-01

Tot Ion:114 Resp: 669713
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.0
 88 15.8 0.0 30.2

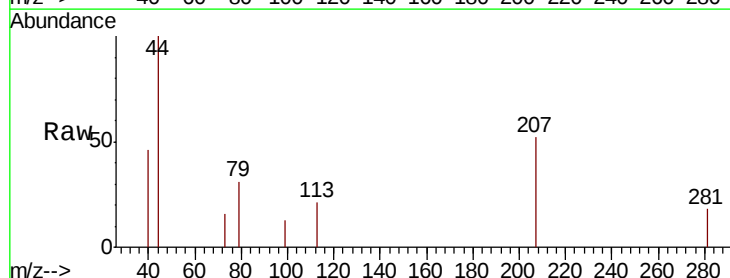


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

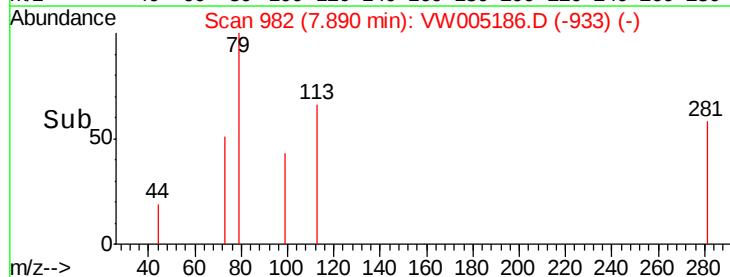
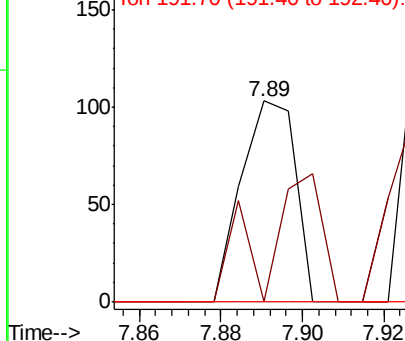


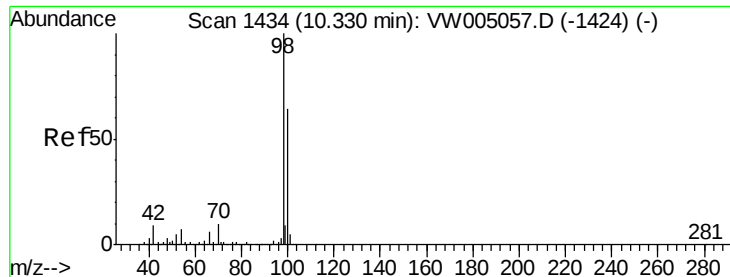
#35
 Dibromofluoromethane
 Concen: 0.02 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005186.D
 Acq: 07 Sep 2018 02:57

Tgt Ion:113 Resp: 95
 Ion Ratio Lower Upper
 113 100
 111 67.4 82.2 123.2#
 192 0.0 18.1 27.1#



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: 47.61 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005186.D

Acq: 07 Sep 2018 02:57

Instrument :

MSVOA_W

ClientSampled :

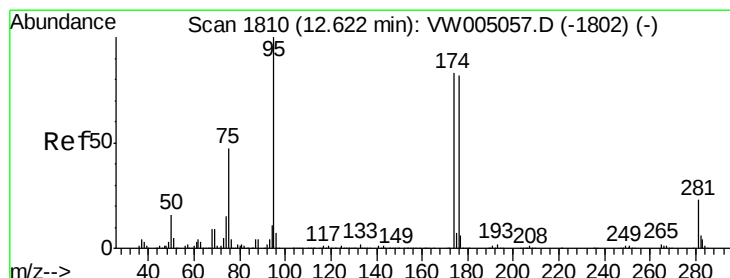
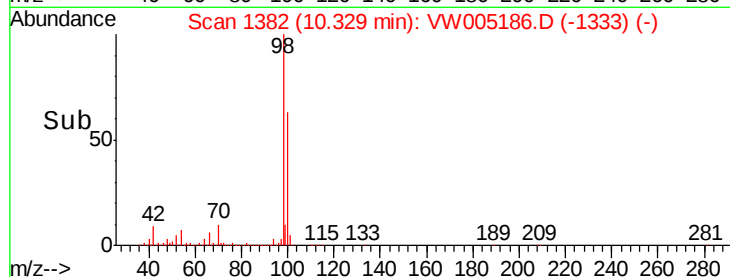
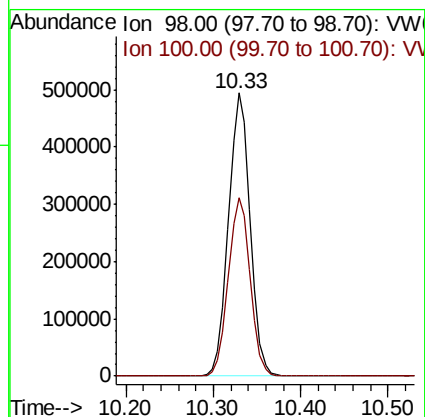
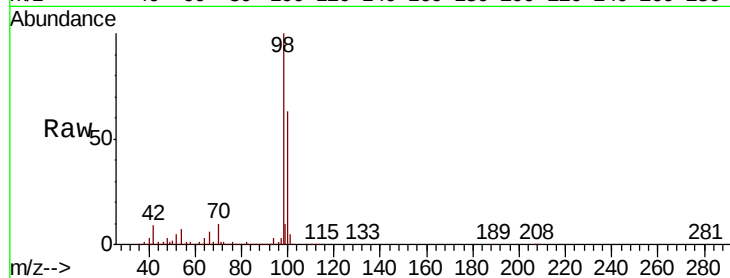
SB-01

Tot Ion: 98 Resp: 848992

Ion Ratio Lower Upper

98 100

100 63.7 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 36.79 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005186.D

Acq: 07 Sep 2018 02:57

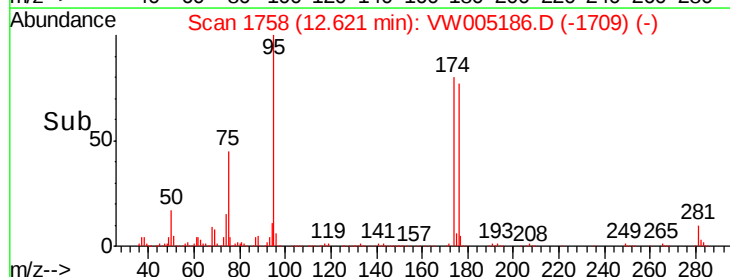
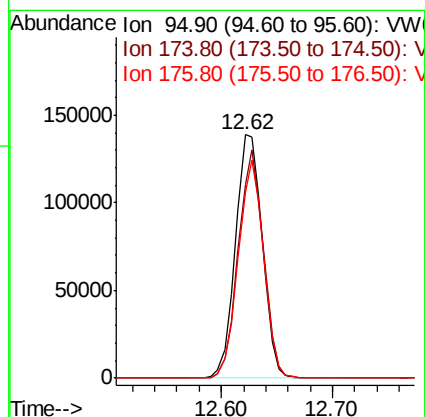
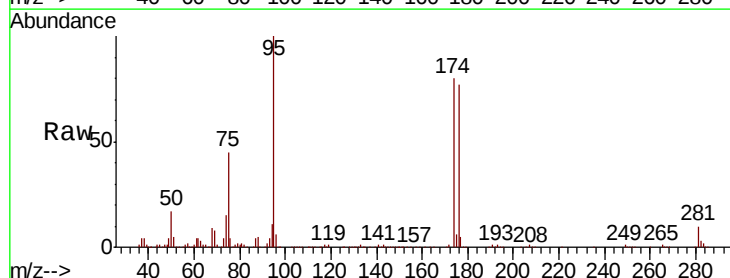
Tgt Ion: 95 Resp: 231351

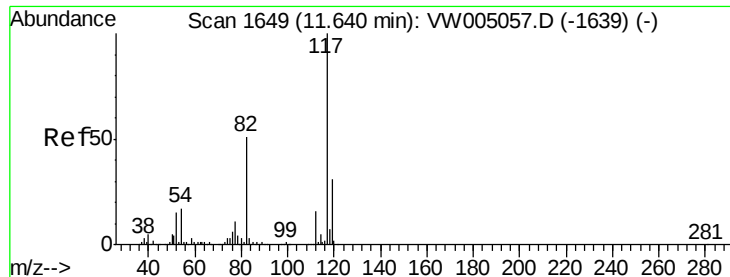
Ion Ratio Lower Upper

95 100

174 88.1 0.0 173.4

176 84.6 0.0 167.4





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. -0.00 min

Lab File: VW005186.D

Acq: 07 Sep 2018 02:57

Instrument :

MSVOA_W

ClientSampleId :

SB-01

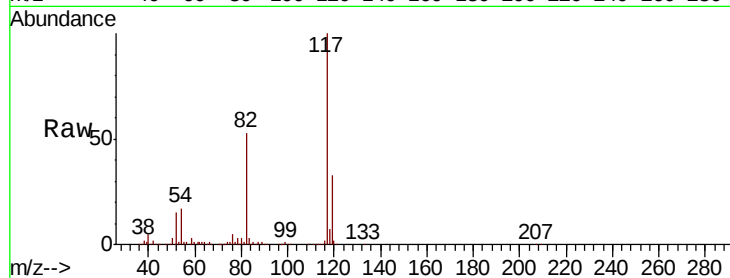
Tot Ion:117 Resp: 600827

Ion Ratio Lower Upper

117 100

82 52.8 40.9 61.3

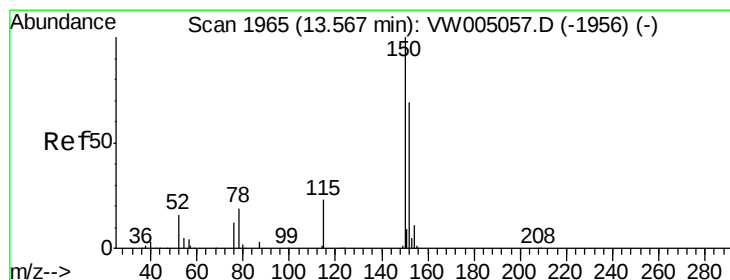
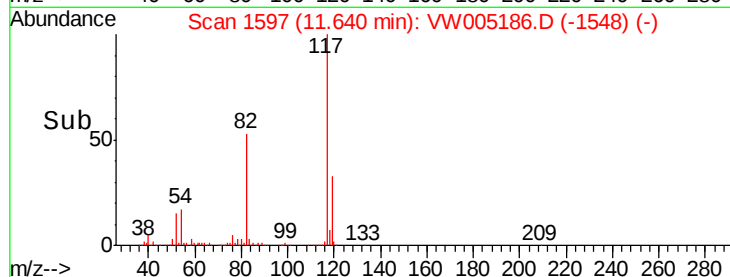
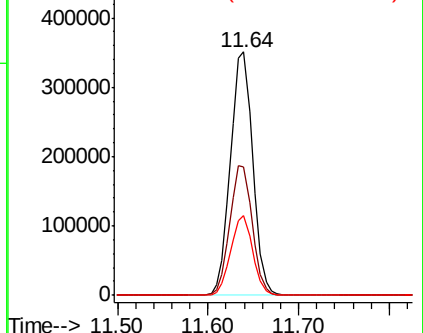
119 33.0 24.9 37.3



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# 1913

Delta R.T. -0.00 min

Lab File: VW005186.D

Acq: 07 Sep 2018 02:57

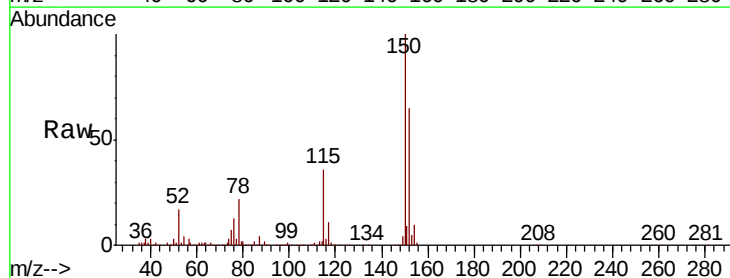
Tgt Ion:152 Resp: 207107

Ion Ratio Lower Upper

152 100

115 56.1 27.8 83.4

150 156.0 0.0 351.4



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

