

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090618\
 Data File : VW005187.D
 Acq On : 07 Sep 2018 03:22
 Operator : SY/AP
 Sample : J4748-05
 Misc : 7.06G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-12

Quant Time: Sep 07 04:34:47 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	390103	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	673876	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	679196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	308995	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	221010	68.34	ug/l	0.00
Spiked Amount			Recovery	=	136.68%	
35) Dibromofluoromethane	7.89	113	195128	50.11	ug/l	0.00
Spiked Amount			Recovery	=	100.22%	
50) Toluene-d8	10.33	98	800532	44.61	ug/l	0.00
Spiked Amount			Recovery	=	89.22%	
62) 4-Bromofluorobenzene	12.63	95	272702	43.10	ug/l	0.00
Spiked Amount			Recovery	=	86.20%	

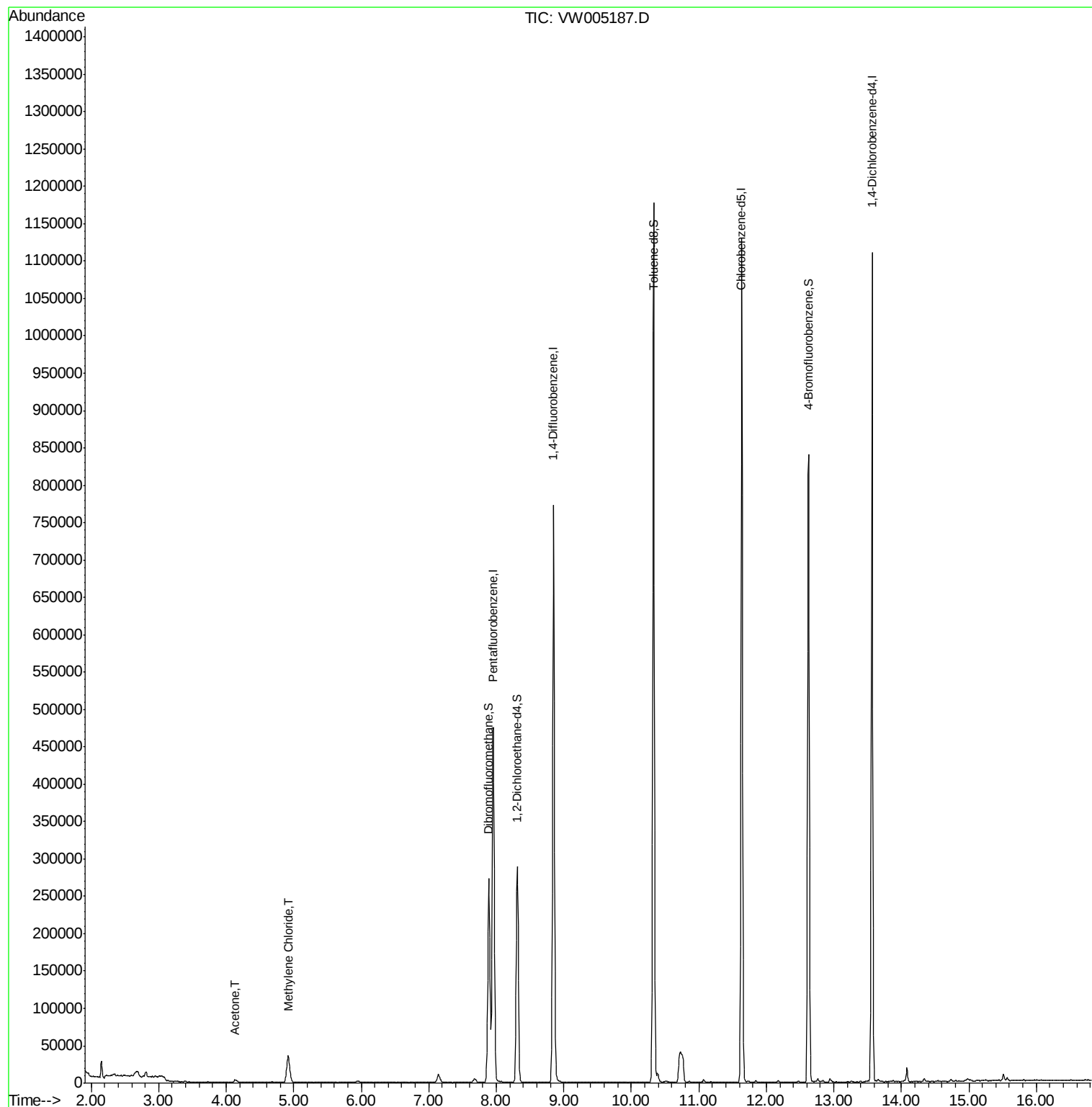
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	6505	10.03	ug/l	92
20) Methylene Chloride	4.92	84	30053	3.22	ug/l	98

(#) = 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: VW005187.D

Acq: 07 Sep 2018 03:22

Instrument :

MSVOA_W

ClientSampled :

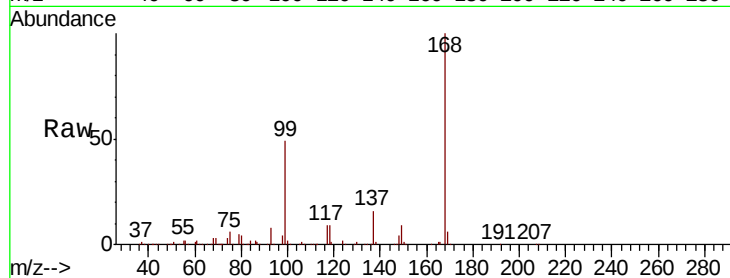
SB-12

Tot Ion:168 Resp: 390103

Ion Ratio Lower Upper

168 100

99 48.8 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

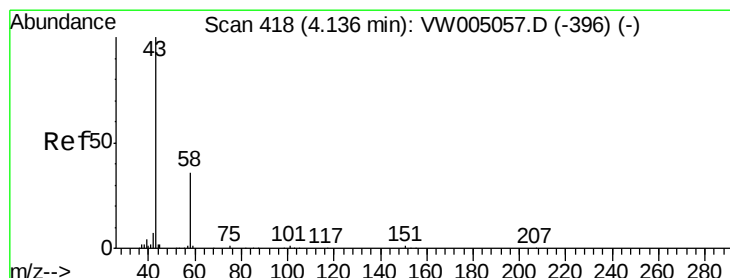
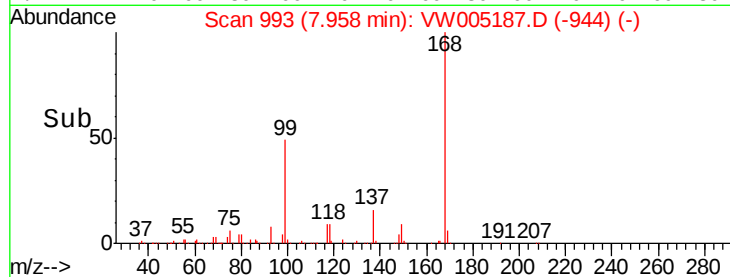
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 10.03 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW005187.D

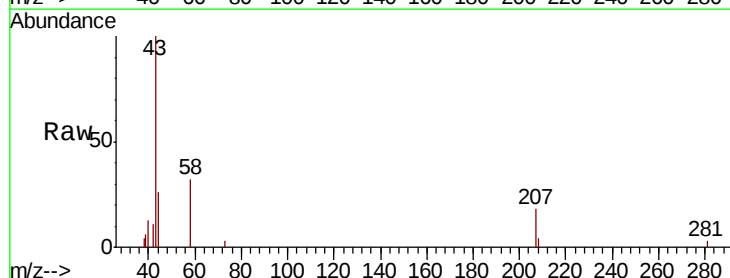
Acq: 07 Sep 2018 03:22

Tgt Ion: 43 Resp: 6505

Ion Ratio Lower Upper

43 100

58 31.8 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

2000

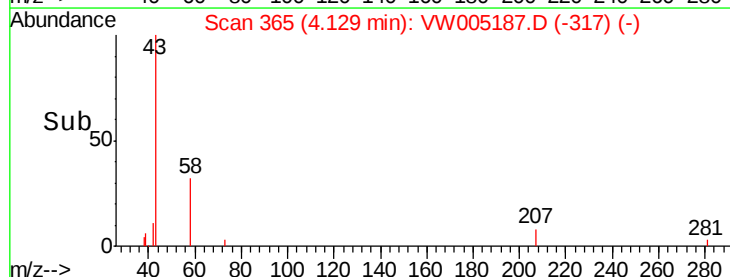
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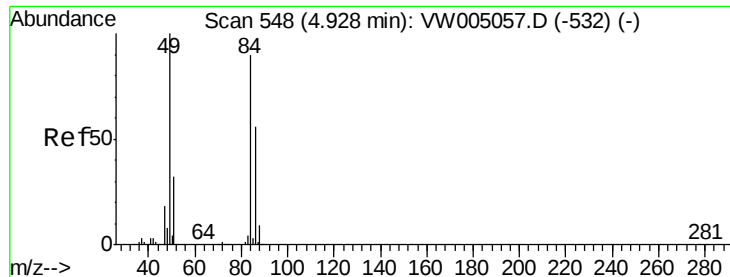
1000

500

0

Time-->

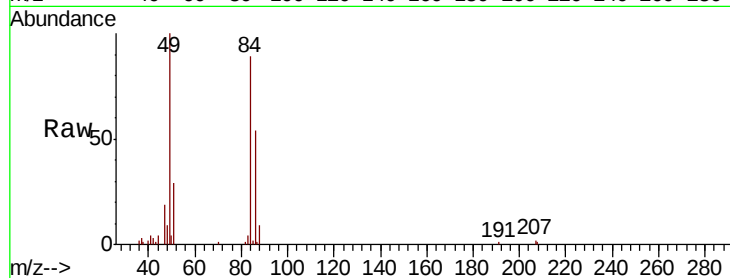




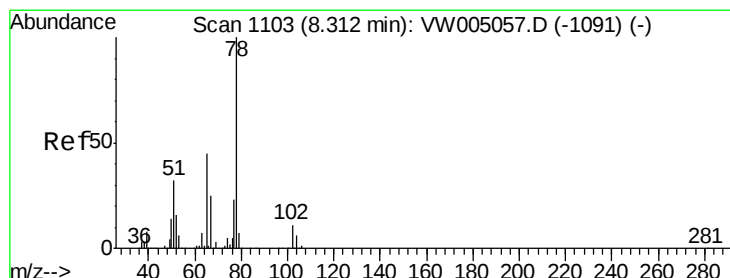
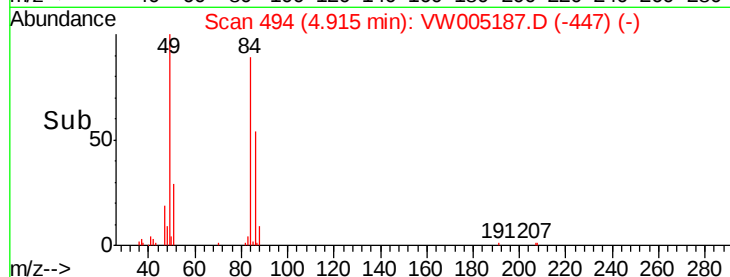
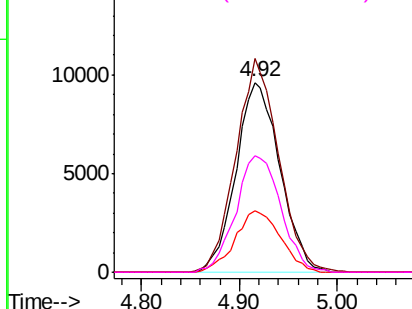
#20
Methvlene Chloride
Concen: 3.22 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW005187.D
Acq: 07 Sep 2018 03:22

Instrument :
MSVOA_W
ClientSampleId :
SB-12

Tot Ion: 84 Resp: 30053
Ion Ratio Lower Upper
84 100
49 112.4 88.7 133.1
51 32.2 28.6 42.8
86 61.1 49.4 74.2

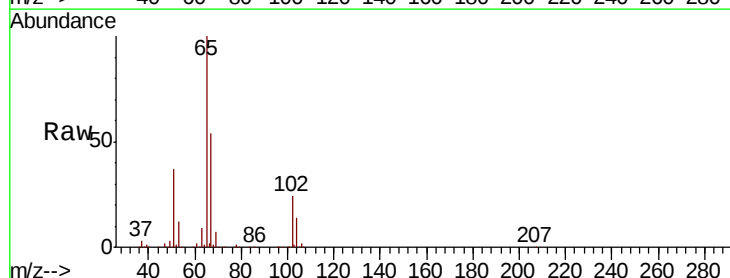


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

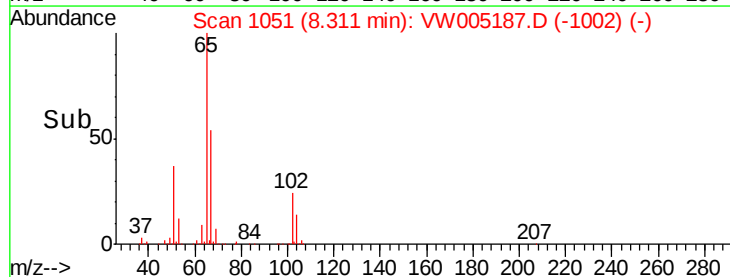
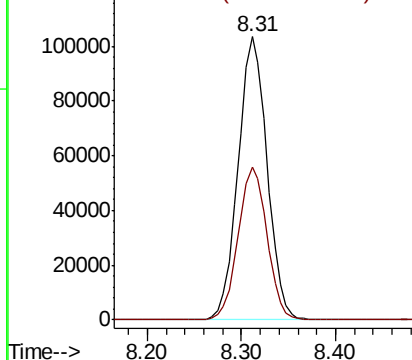


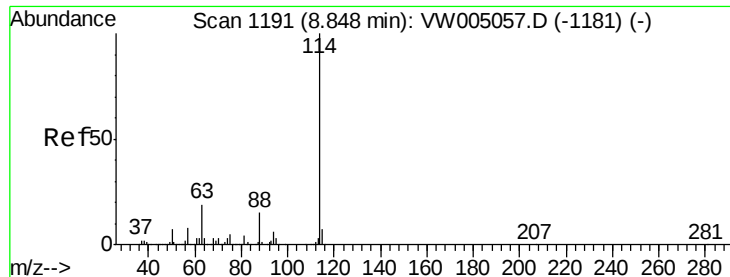
#33
1,2-Dichloroethane-d4
Concen: 68.34 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW005187.D
Acq: 07 Sep 2018 03:22

Tgt Ion: 65 Resp: 221010
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

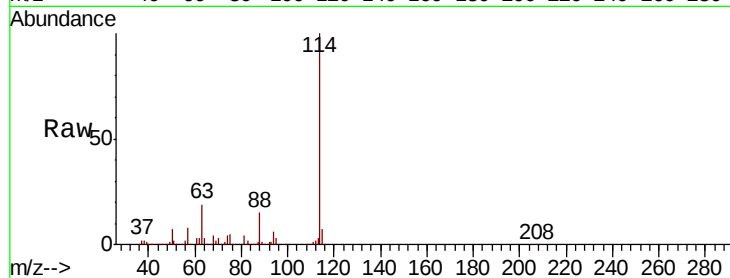




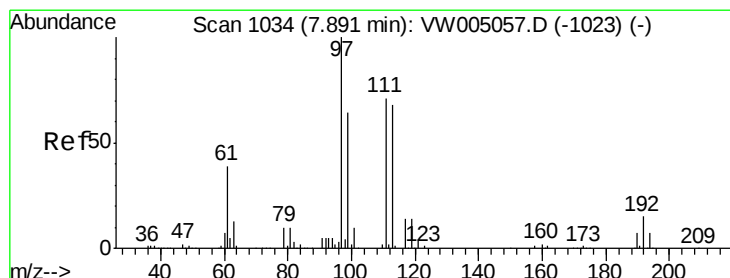
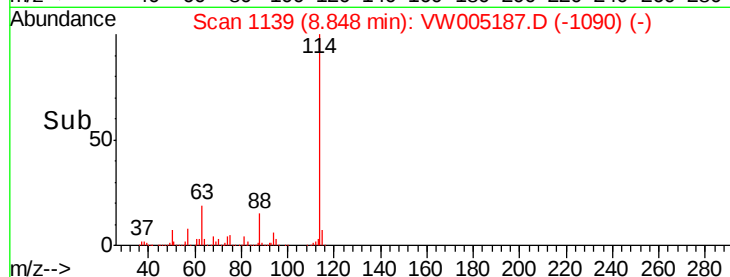
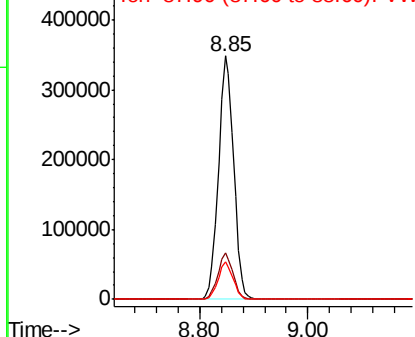
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005187.D
 Acq: 07 Sep 2018 03:22

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-12

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	38.0
88	15.2	0.0	30.2

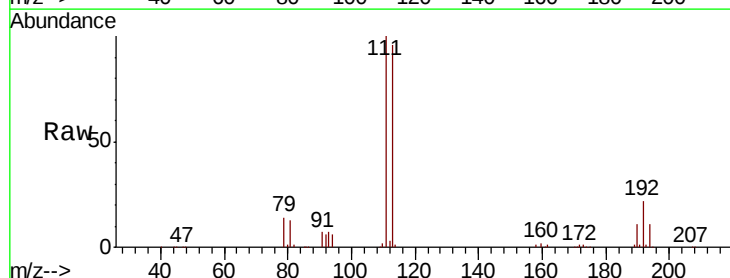


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

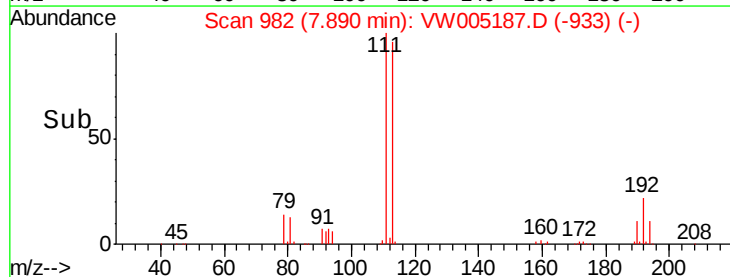
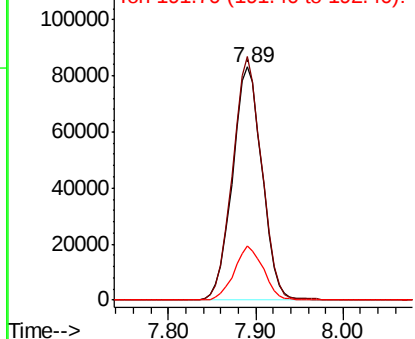


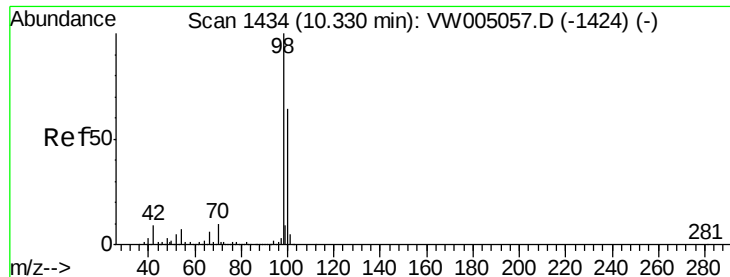
#35
 Dibromofluoromethane
 Concen: 50.11 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005187.D
 Acq: 07 Sep 2018 03:22

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.2	123.2
192	22.8	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: 44.61 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005187.D

Acq: 07 Sep 2018 03:22

Instrument :

MSVOA_W

ClientSampleId :

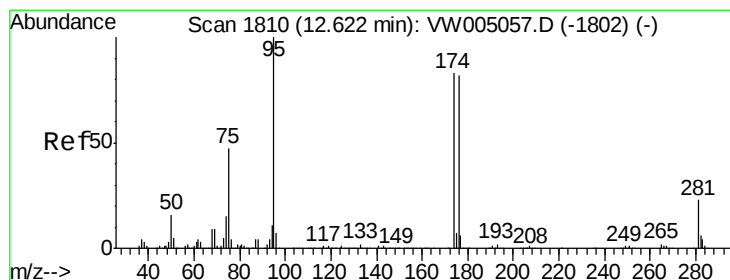
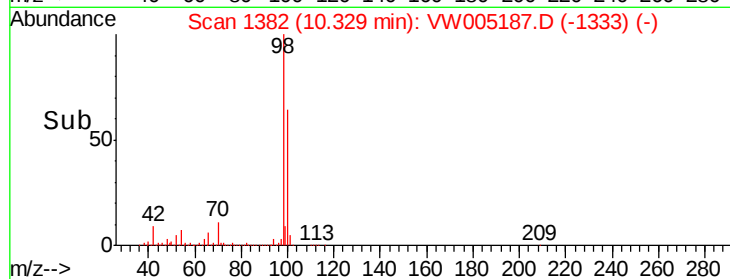
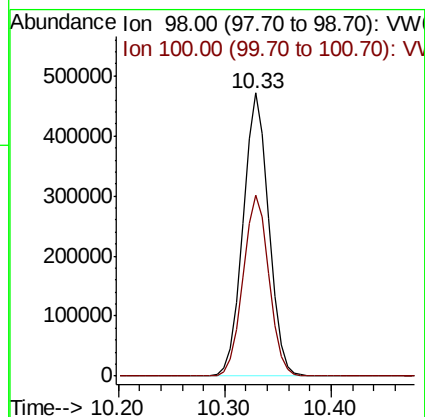
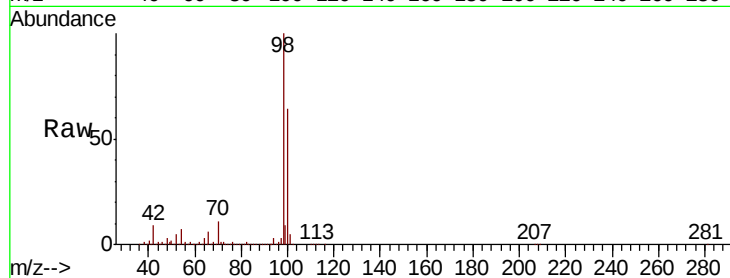
SB-12

Tot Ion: 98 Resp: 800532

Ion Ratio Lower Upper

98 100

100 64.4 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 43.10 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005187.D

Acq: 07 Sep 2018 03:22

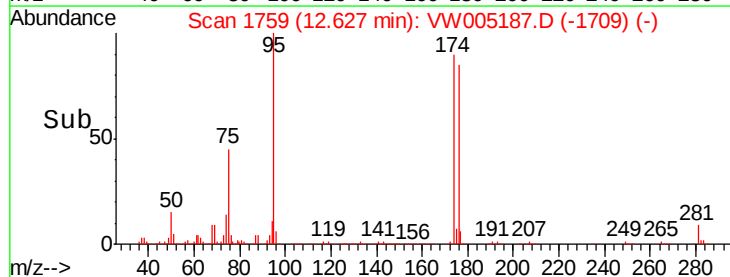
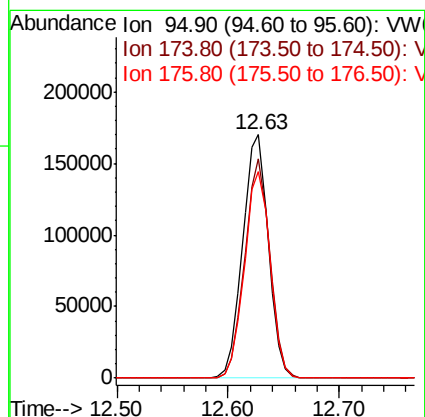
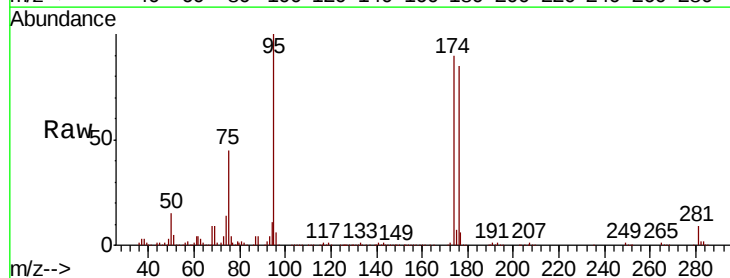
Tgt Ion: 95 Resp: 272702

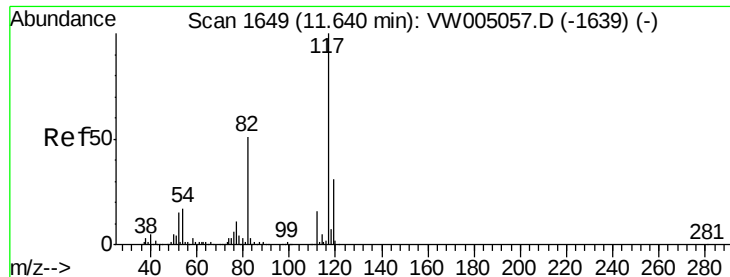
Ion Ratio Lower Upper

95 100

174 88.2 0.0 173.4

176 84.9 0.0 167.4





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.01 min

Lab File: VW005187.D

Acq: 07 Sep 2018 03:22

Instrument :

MSVOA_W

ClientSampleId :

SB-12

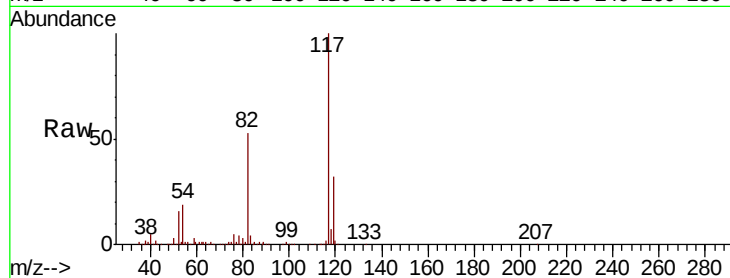
Tot Ion:117 Resp: 679196

Ion Ratio Lower Upper

117 100

82 53.0 40.9 61.3

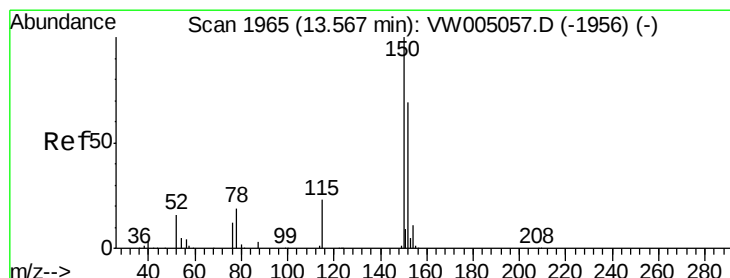
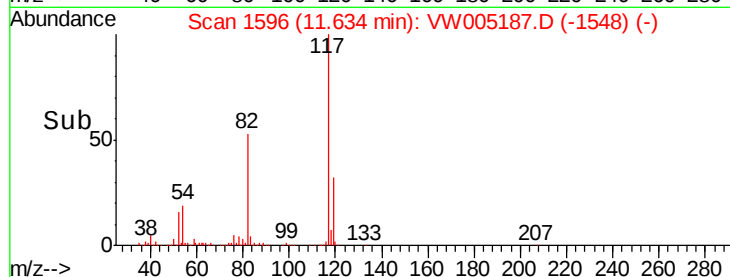
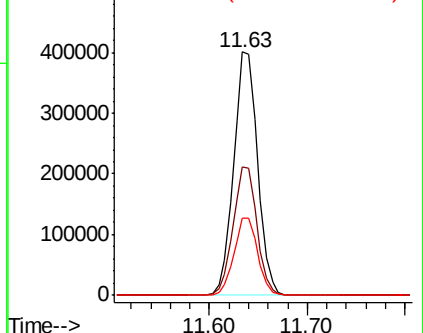
119 31.7 24.9 37.3



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: VW005187.D

Acq: 07 Sep 2018 03:22

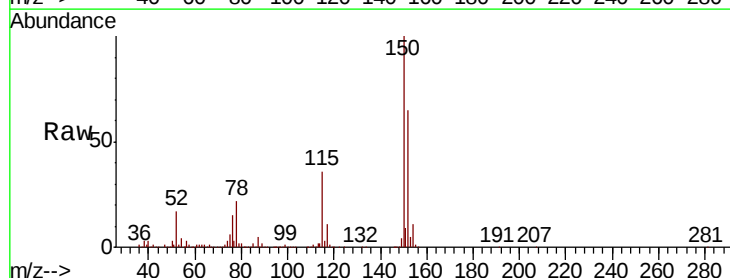
Tgt Ion:152 Resp: 308995

Ion Ratio Lower Upper

152 100

115 55.8 27.8 83.4

150 156.6 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

