

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090518\
 Data File : VW005137.D
 Acq On : 05 Sep 2018 18:44
 Operator : SY/AP
 Sample : J4712-04RE
 Misc : 5.26G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-09RE

Quant Time: Sep 06 01:35:51 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

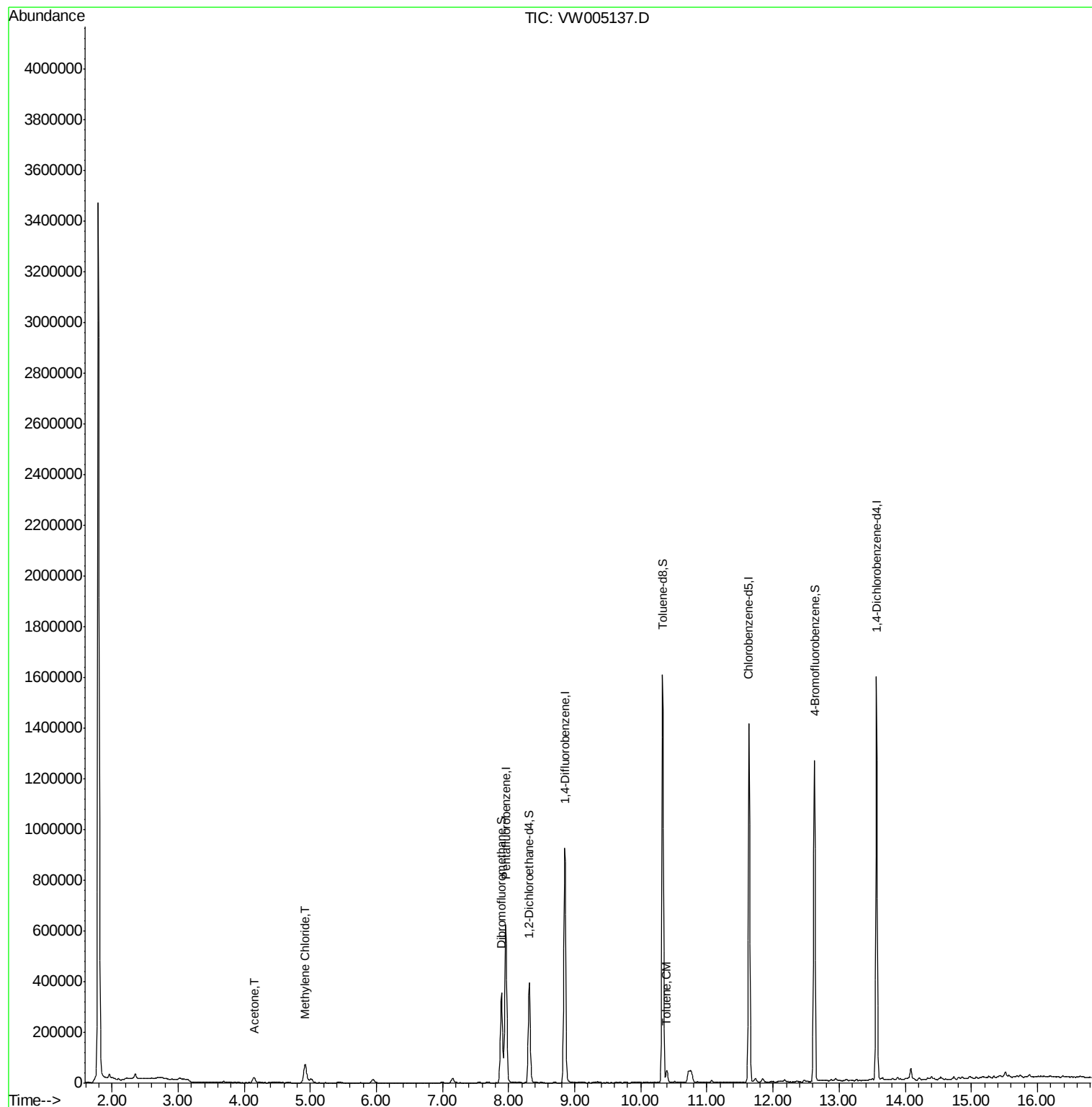
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	498783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	814442	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	832658	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	427164	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	306085	74.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	148.06%	
35) Dibromofluoromethane	7.89	113	260377	55.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.64%	
50) Toluene-d8	10.33	98	1113903	51.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.72%	
62) 4-Bromofluorobenzene	12.63	95	418296	54.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.40%	
Target Compounds						
16) Acetone	4.15	43	35865	43.25	ug/l	Qvalue 100
20) Methylene Chloride	4.93	84	59477	7.29	ug/l	97
52) Toluene	10.39	92	19562	1.22	ug/l	97

(#) = 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
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005137.D

Acq: 05 Sep 2018 18:44

Instrument :

MSVOA_W

ClientSampleId :

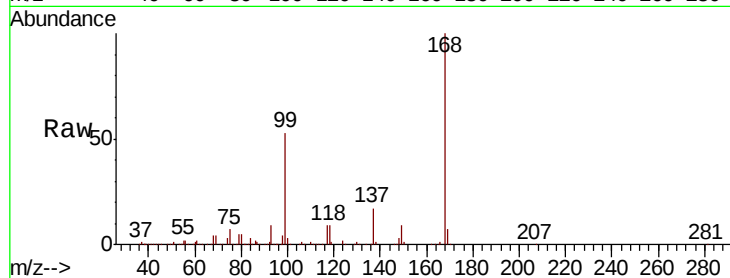
SB-09RE

Tot Ion:168 Resp: 498783

Ion Ratio Lower Upper

168 100

99 53.2 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

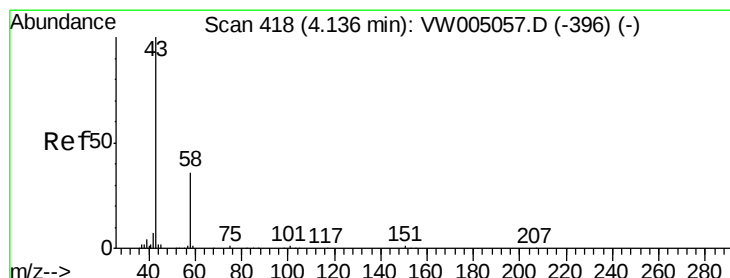
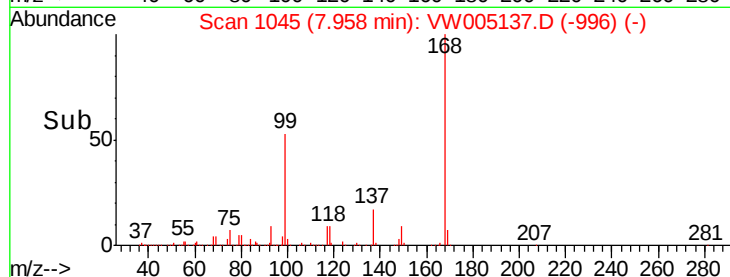
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 43.25 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.01 min

Lab File: VW005137.D

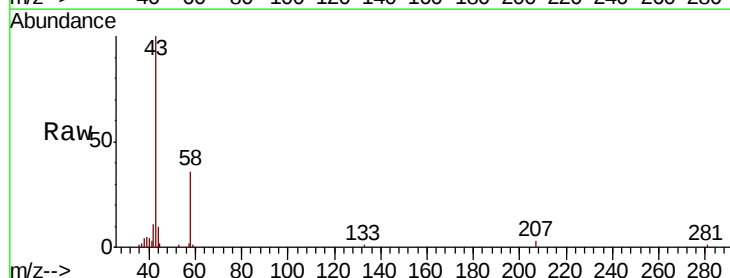
Acq: 05 Sep 2018 18:44

Tgt Ion: 43 Resp: 35865

Ion Ratio Lower Upper

43 100

58 36.4 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

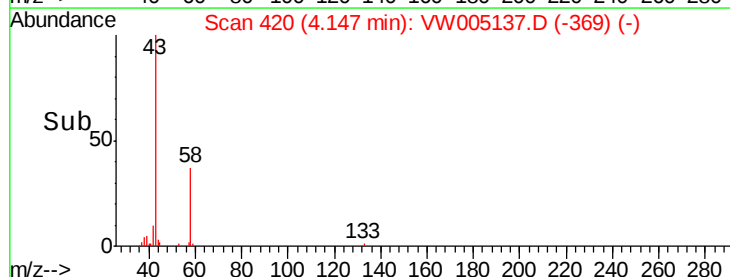
4.15

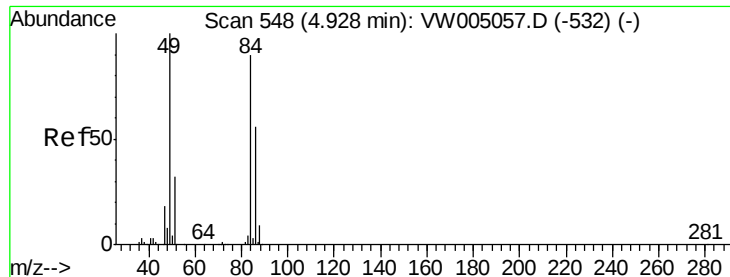
10000

5000

0

Time--> 4.00 4.10 4.20 4.30





#20

Methylene Chloride

Concen: 7.29 ug/l

RT: 4.93 min Scan# 548

Delta R.T. -0.00 min

Lab File: VW005137.D

Acq: 05 Sep 2018 18:44

Instrument :

MSVOA_W

ClientSampleId :

SB-09RE

Tot Ion: 84 Resp: 59477

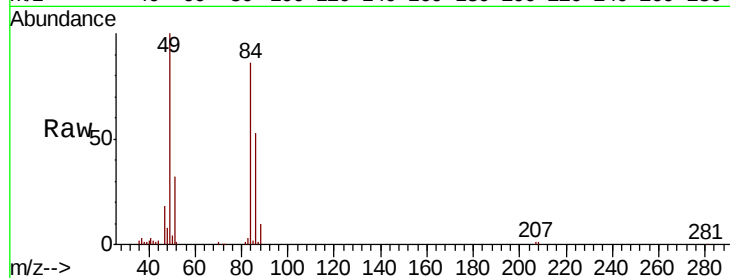
Ion Ratio Lower Upper

84 100

49 116.0 88.7 133.1

51 36.8 28.6 42.8

86 61.0 49.4 74.2

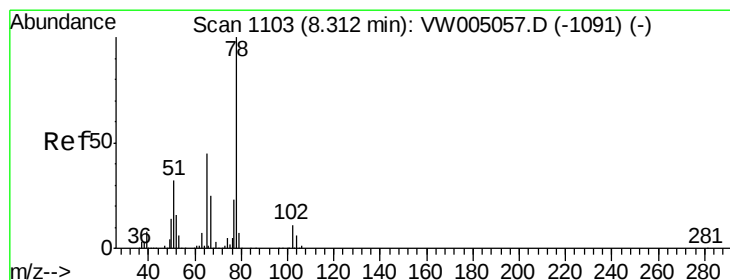
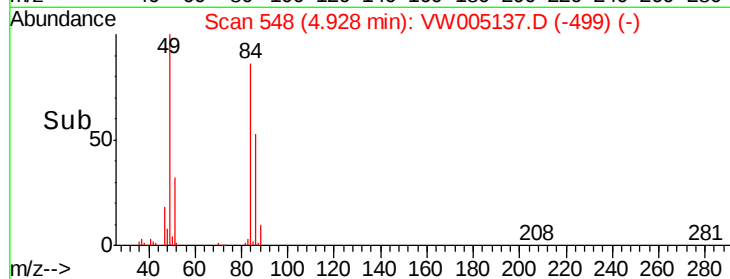
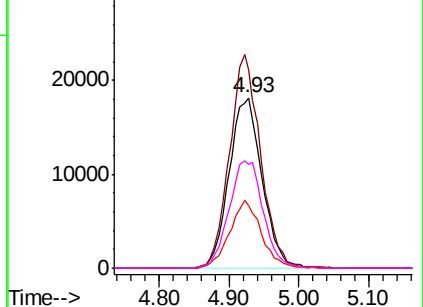


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 74.03 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW005137.D

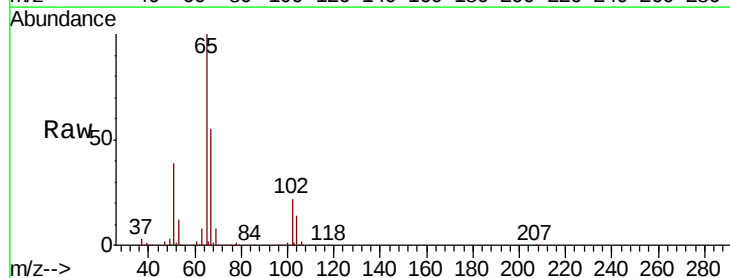
Acq: 05 Sep 2018 18:44

Tgt Ion: 65 Resp: 306085

Ion Ratio Lower Upper

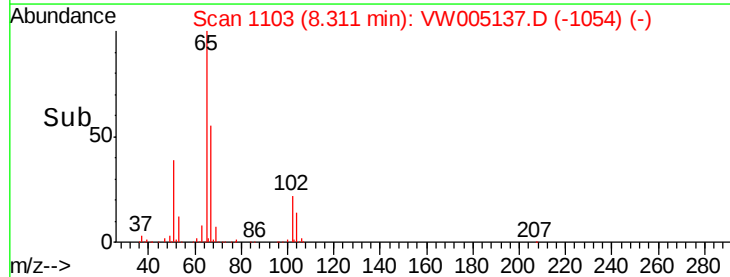
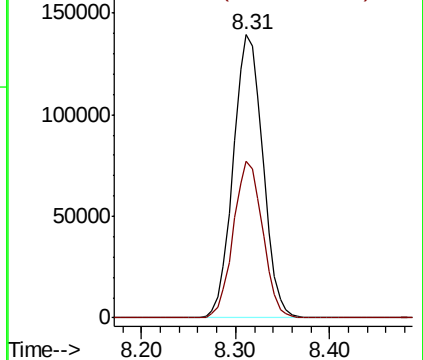
65 100

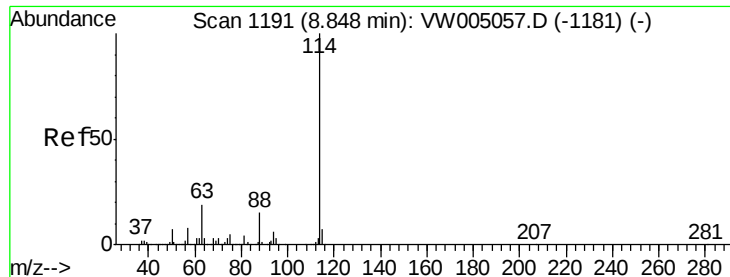
67 54.8 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

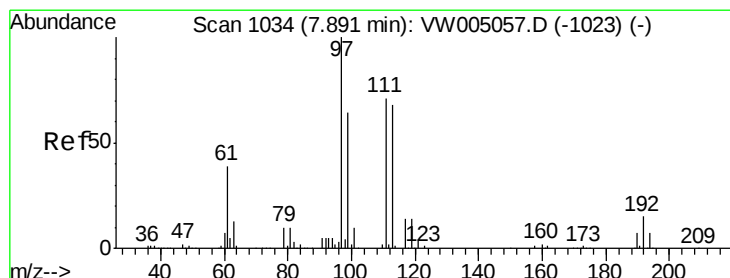
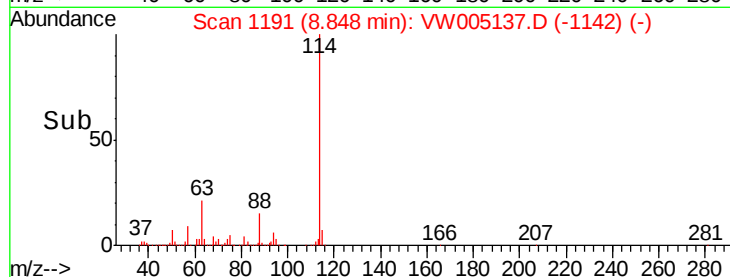
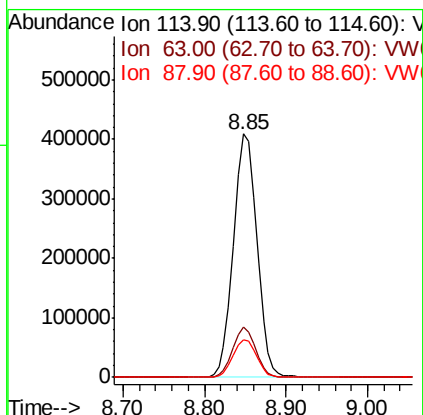
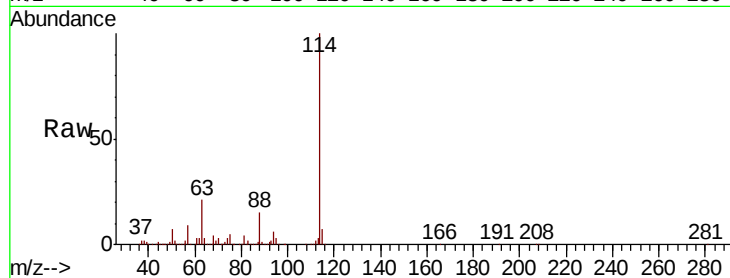




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.85 min Scan# 1191
Delta R.T. -0.00 min
Lab File: VW005137.D
Acq: 05 Sep 2018 18:44

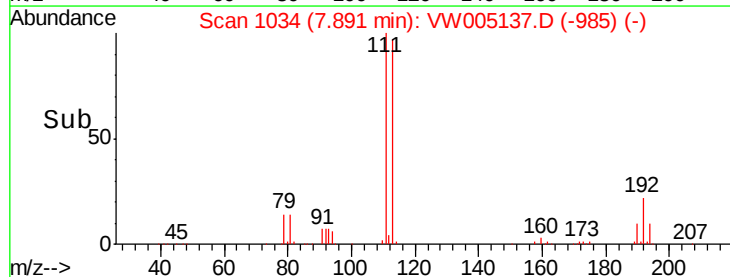
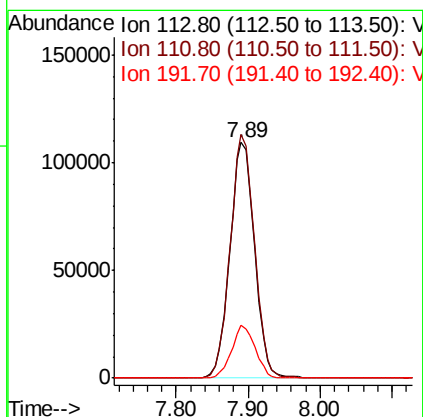
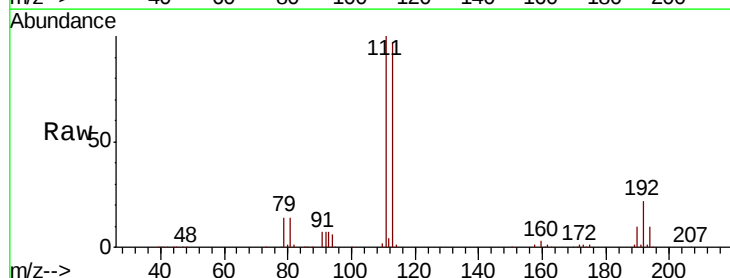
Instrument :
MSVOA_W
ClientSampled :
SB-09RE

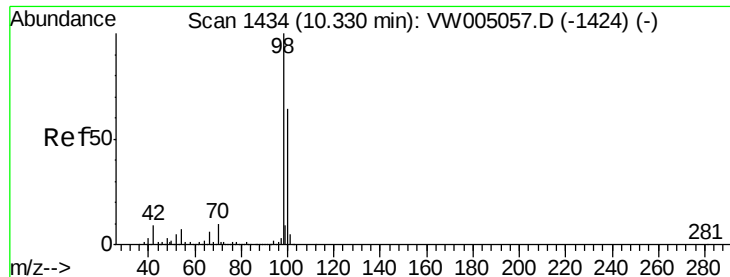
Tot Ion:114 Resp: 814442
Ion Ratio Lower Upper
114 100
63 20.5 0.0 38.0
88 15.4 0.0 30.2



#35
Dibromofluoromethane
Concen: 55.32 ug/l
RT: 7.89 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VW005137.D
Acq: 05 Sep 2018 18:44

Tgt Ion:113 Resp: 260377
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.2
192 21.2 18.1 27.1

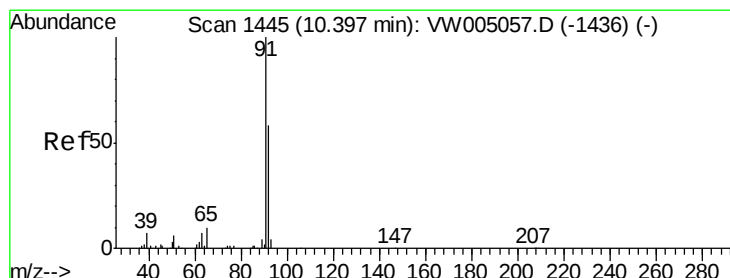
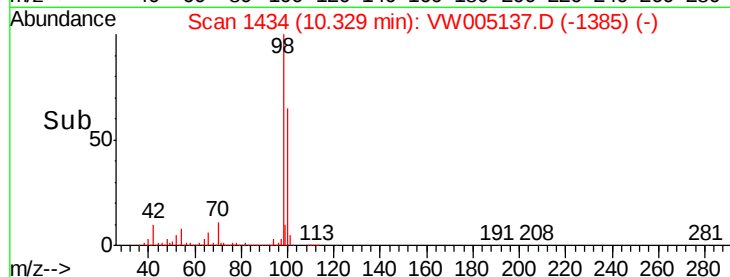
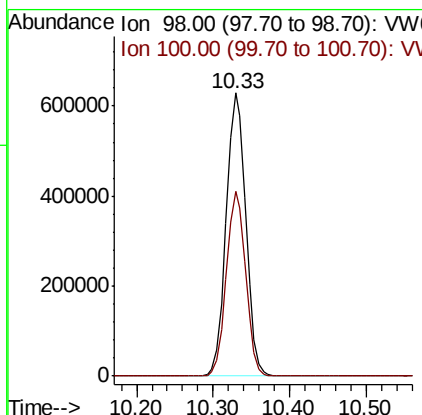
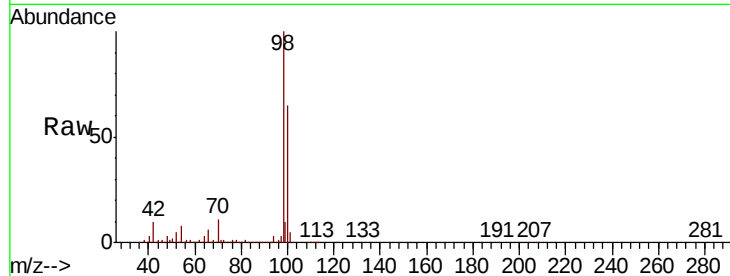




#50
Toluene-d8
Concen: 51.36 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW005137.D
Acq: 05 Sep 2018 18:44

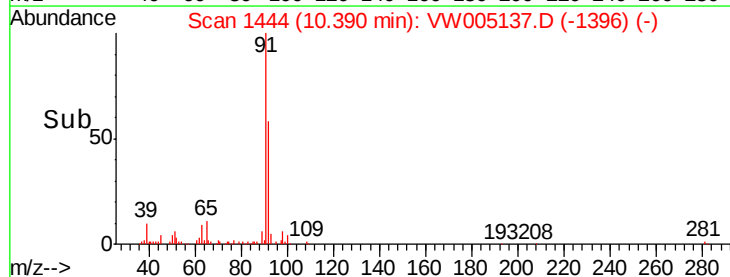
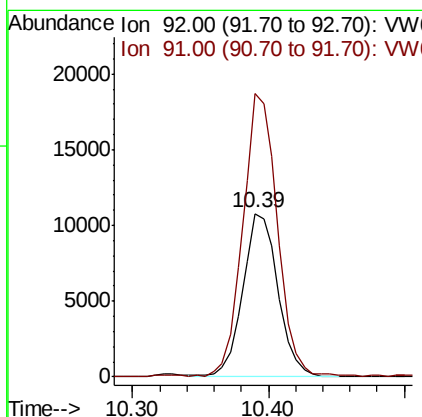
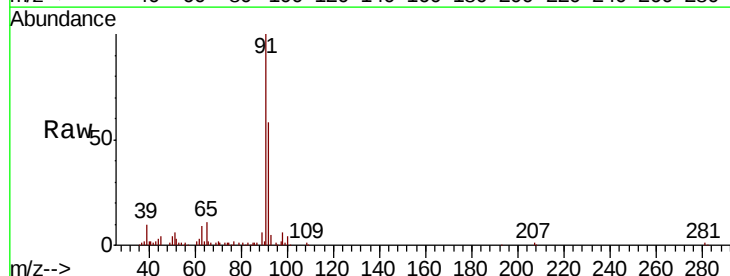
Instrument :
MSVOA_W
ClientSampleId :
SB-09RE

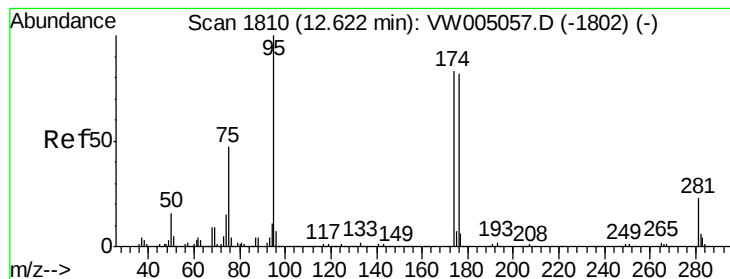
Tot Ion: 98 Resp: 1113903
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5



#52
Toluene
Concen: 1.22 ug/l
RT: 10.39 min Scan# 1444
Delta R.T. -0.01 min
Lab File: VW005137.D
Acq: 05 Sep 2018 18:44

Tgt Ion: 92 Resp: 19562
Ion Ratio Lower Upper
92 100
91 170.1 139.2 208.8





#62

4-Bromofluorobenzene

Concen: 54.70 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW005137.D

Acq: 05 Sep 2018 18:44

Instrument :

MSVOA_W

ClientSampleId :

SB-09RE

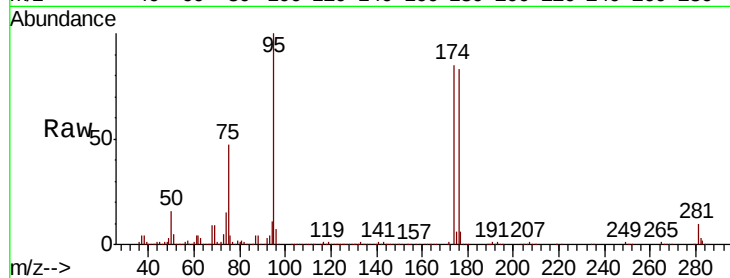
Tot Ion: 95 Resp: 418296

Ion Ratio Lower Upper

95 100

174 83.3 0.0 173.4

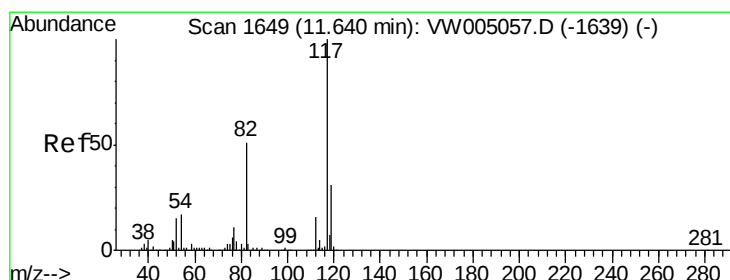
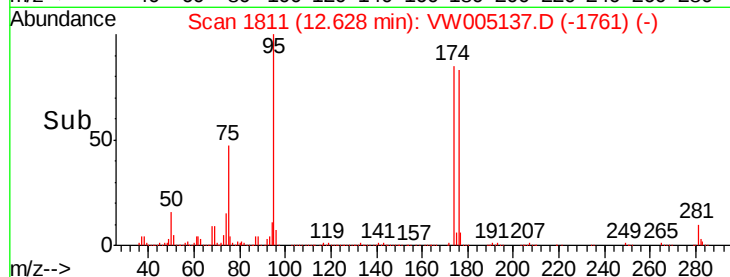
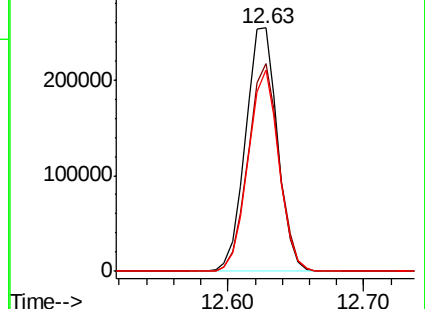
176 79.6 0.0 167.4



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: VW005137.D

Acq: 05 Sep 2018 18:44

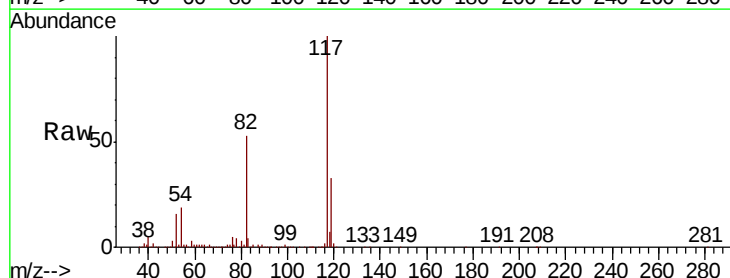
Tgt Ion: 117 Resp: 832658

Ion Ratio Lower Upper

117 100

82 53.4 40.9 61.3

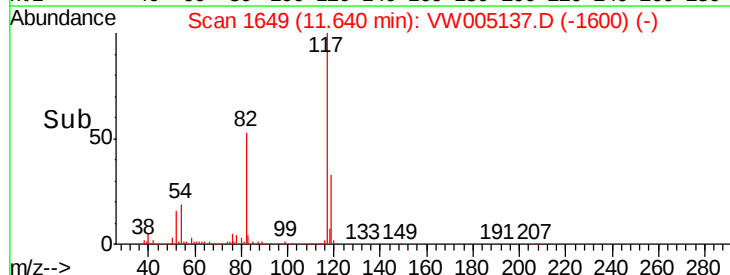
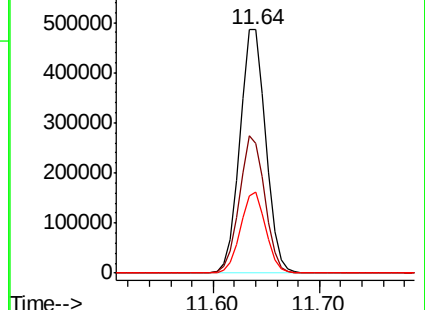
119 33.1 24.9 37.3

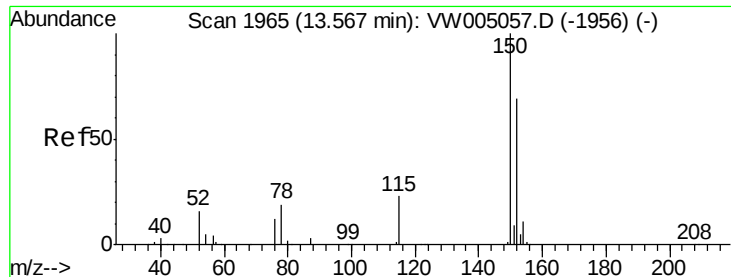


Abundance Ion 116.90 (116.60 to 117.60): VW

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# 1965

Delta R.T. -0.00 min

Lab File: VW005137.D

Acq: 05 Sep 2018 18:44

Instrument :

MSVOA_W

ClientSampleId :

SB-09RE

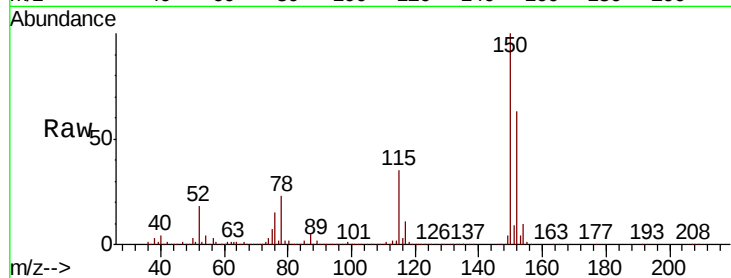
Tot Ion:152 Resp: 427164

Ion Ratio Lower Upper

152 100

115 56.9 27.8 83.4

150 156.9 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

