

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091218\
 Data File : VW005332.D
 Acq On : 12 Sep 2018 18:05
 Operator : SY/AP
 Sample : J4838-05
 Misc : 4.25G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-1B-G-090718-2

Quant Time: Sep 13 01:09:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

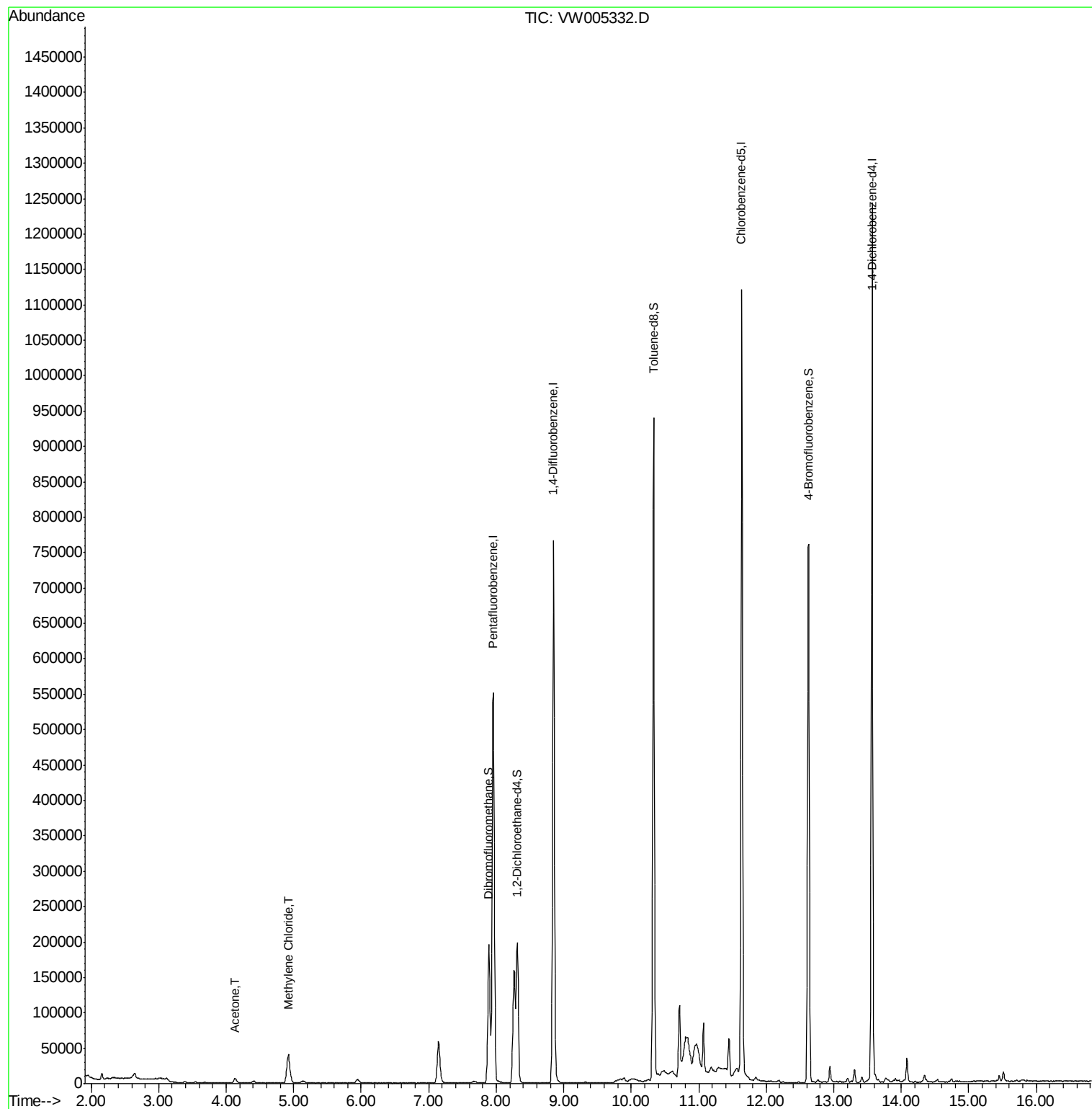
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	459738	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	689830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	676377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	345650	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	150907	44.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.02%	
35) Dibromofluoromethane	7.89	113	142606	39.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.92%	
50) Toluene-d8	10.33	98	649299	35.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.12%	
62) 4-Bromofluorobenzene	12.63	95	231719	34.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.38%	
Target Compounds						
16) Acetone	4.13	43	12490	19.62	ug/l	# 80
20) Methylene Chloride	4.92	84	34872	4.37	ug/l	94

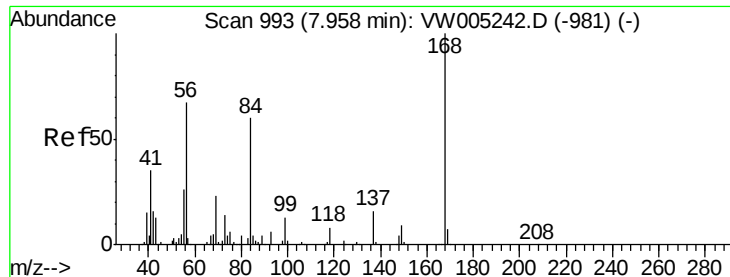
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005332.D

Acq: 12 Sep 2018 18:05

Instrument :

MSVOA_W

ClientSampleId :

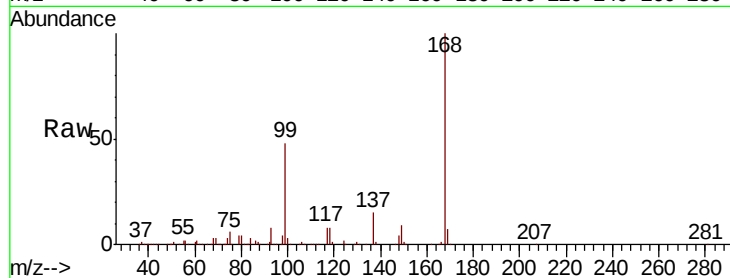
SUP-1B-G-090718-2

Tot Ion:168 Resp: 459738

Ion Ratio Lower Upper

168 100

99 48.1 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

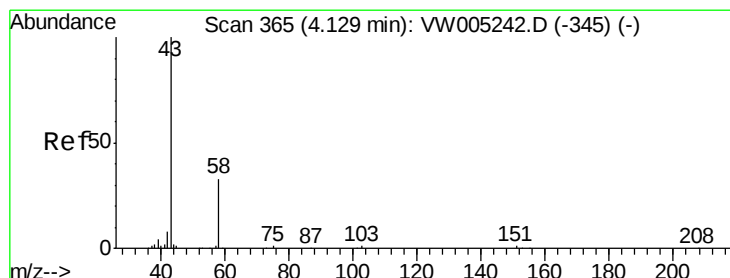
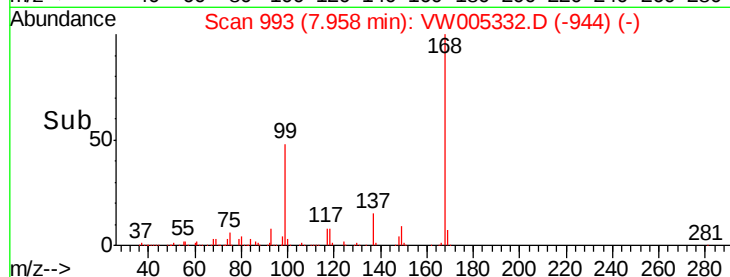
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 19.62 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW005332.D

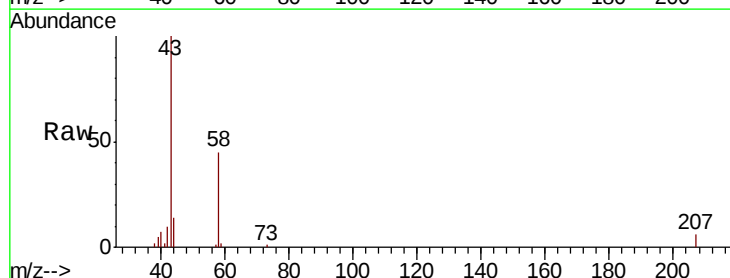
Acq: 12 Sep 2018 18:05

Tgt Ion: 43 Resp: 12490

Ion Ratio Lower Upper

43 100

58 44.9 26.7 40.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

5000

4000

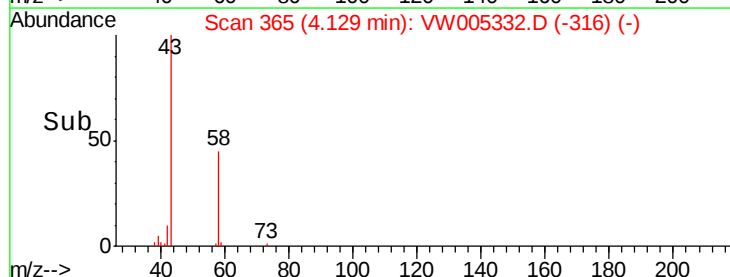
3000

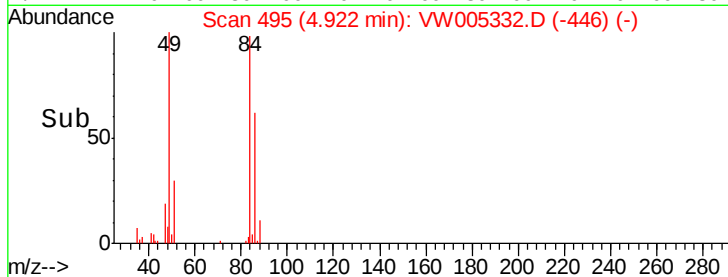
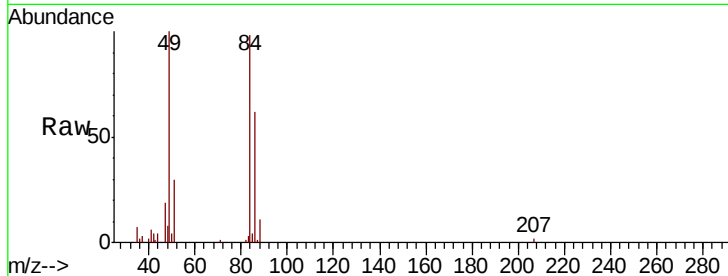
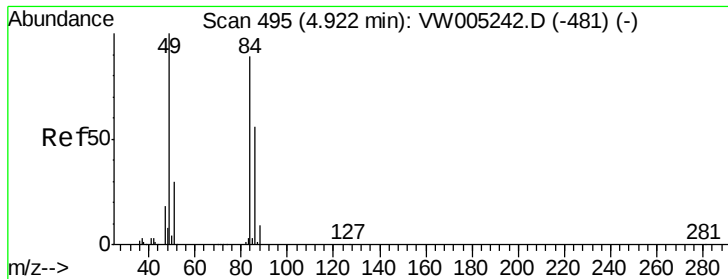
2000

1000

0

Time-->



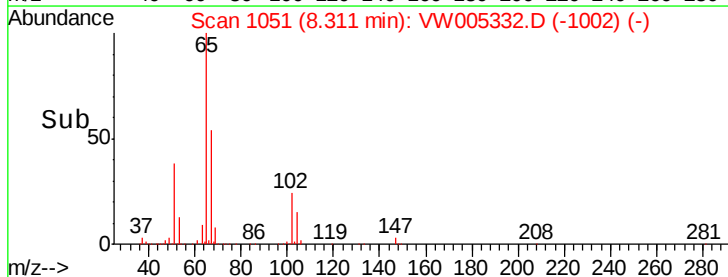
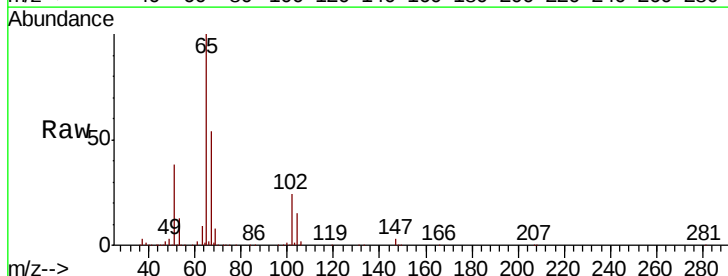
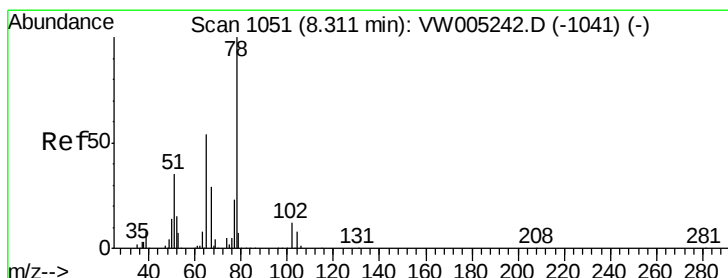
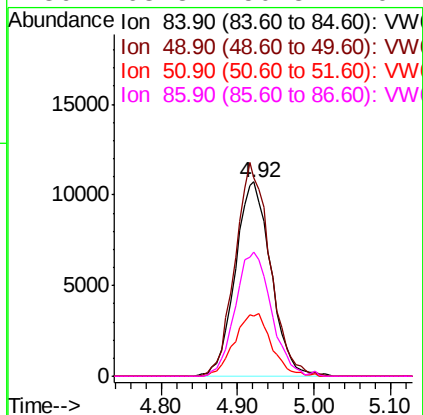


#20
Methvlene Chloride
Concen: 4.37 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW005332.D
Acq: 12 Sep 2018 18:05

Instrument :
MSVOA_W
ClientSampleId :
SUP-1B-G-090718-2

Tot Ion: 84 Resp: 34872

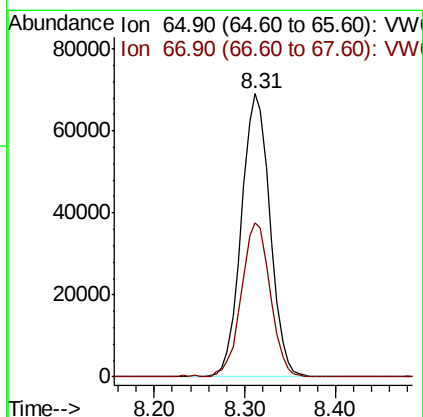
Ion	Ratio	Lower	Upper
84	100		
49	102.3	90.3	135.5
51	31.0	26.9	40.3
86	63.8	50.8	76.2

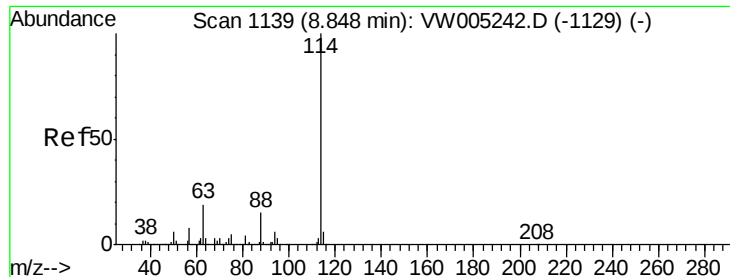


#33
1,2-Dichloroethane-d4
Concen: 44.01 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW005332.D
Acq: 12 Sep 2018 18:05

Tgt Ion: 65 Resp: 150907

Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	112.2

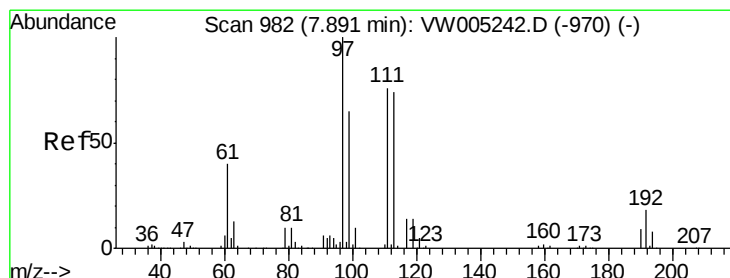
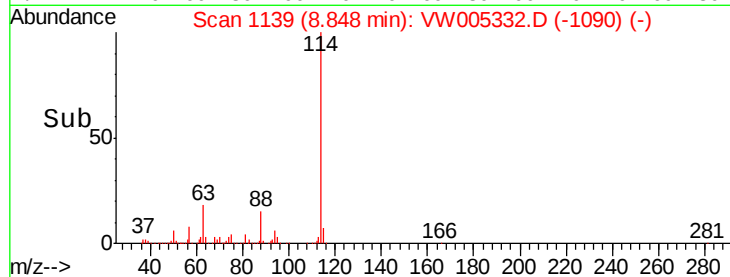
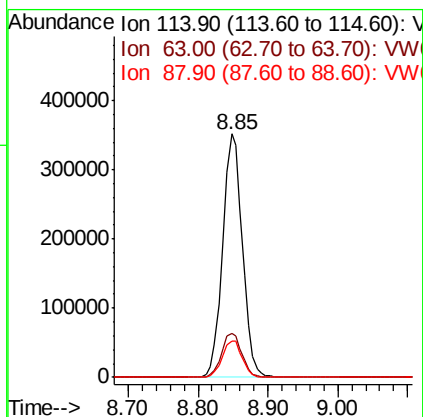
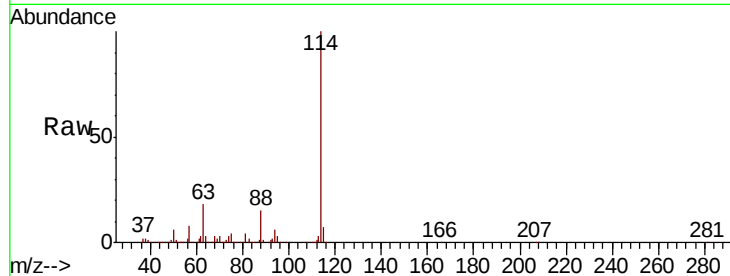




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005332.D
 Acq: 12 Sep 2018 18:05

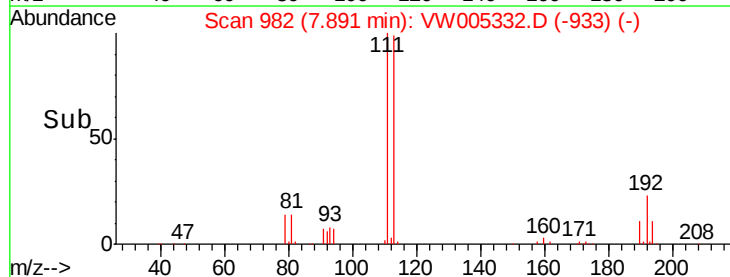
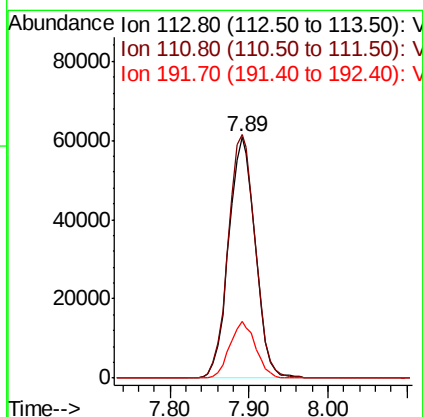
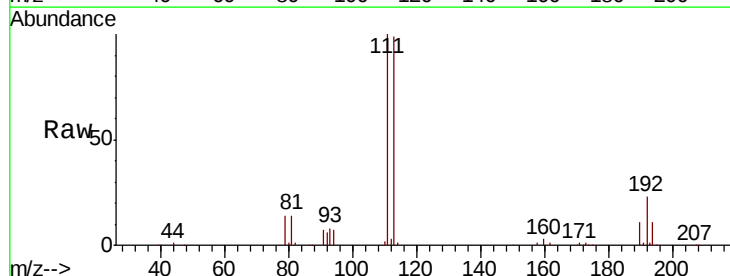
Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-1B-G-090718-2

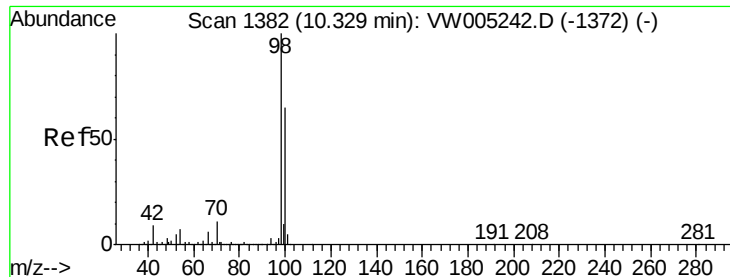
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	37.0
88	15.0	0.0	30.4



#35
 Dibromofluoromethane
 Concen: 39.46 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005332.D
 Acq: 12 Sep 2018 18:05

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	80.6	121.0
192	22.8	18.3	27.5





#50

Toluene-d8

Concen: 35.56 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005332.D

Acq: 12 Sep 2018 18:05

Instrument :

MSVOA_W

ClientSampleId :

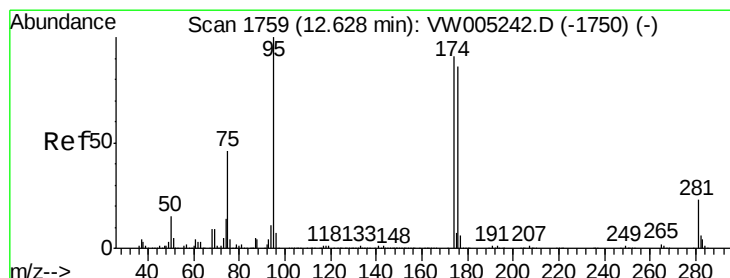
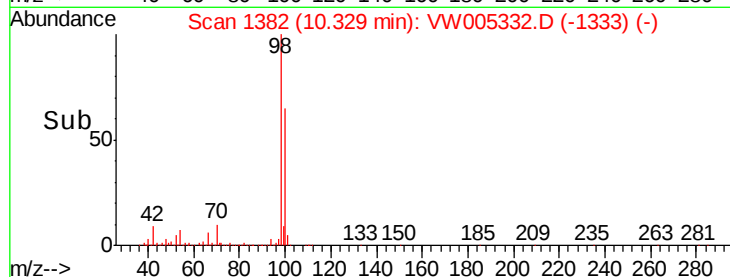
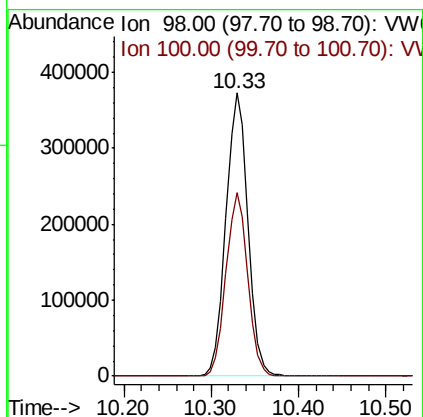
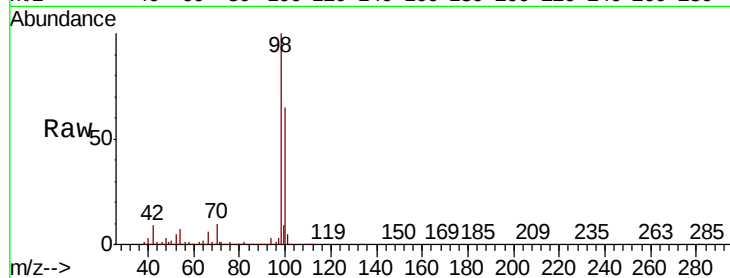
SUP-1B-G-090718-2

Tot Ion: 98 Resp: 649299

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 34.69 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.00 min

Lab File: VW005332.D

Acq: 12 Sep 2018 18:05

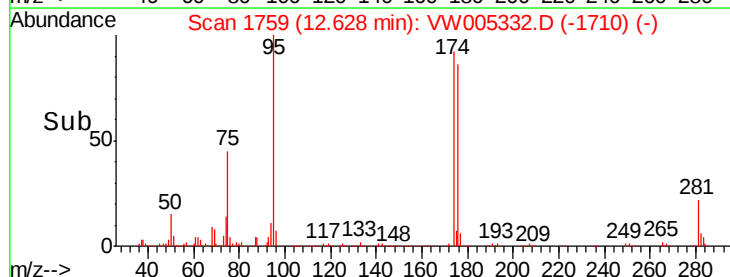
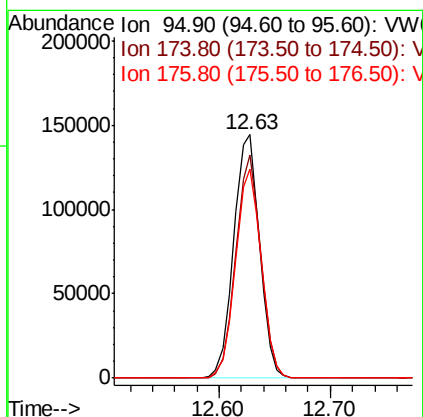
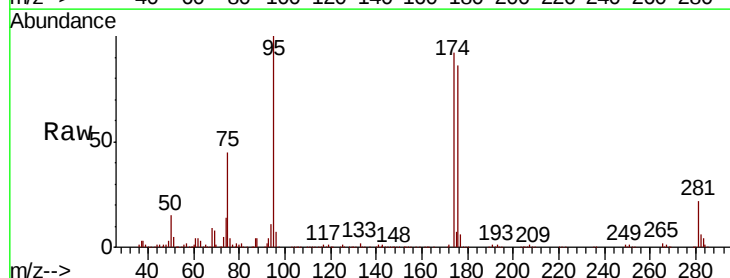
Tgt Ion: 95 Resp: 231719

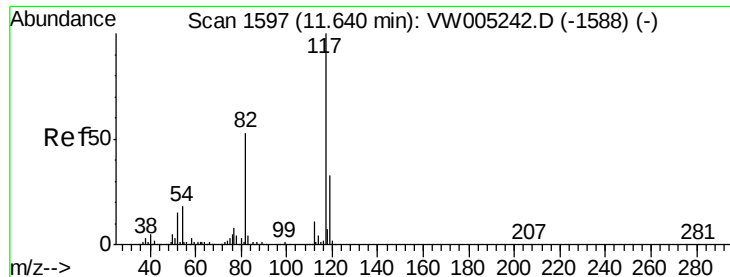
Ion Ratio Lower Upper

95 100

174 88.9 0.0 174.6

176 85.3 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. 0.00 min

Lab File: VW005332.D

Acq: 12 Sep 2018 18:05

Instrument :

MSVOA_W

ClientSampleId :

SUP-1B-G-090718-2

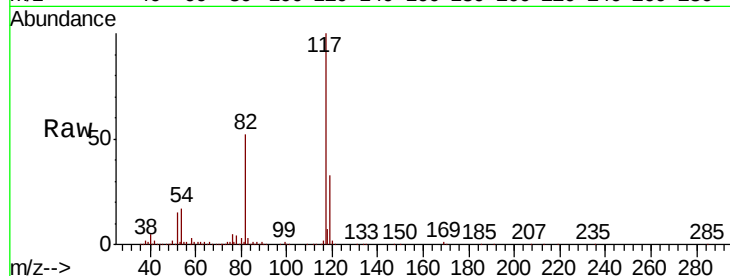
Tot Ion:117 Resp: 676377

Ion Ratio Lower Upper

117 100

82 52.4 42.6 63.8

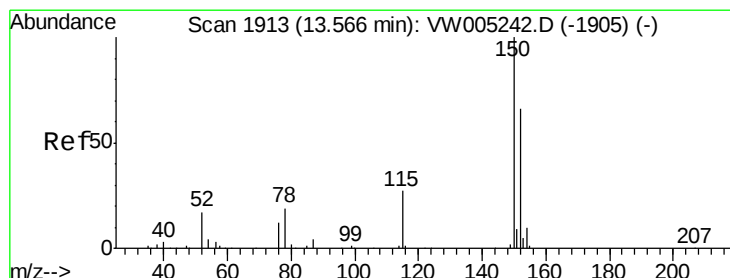
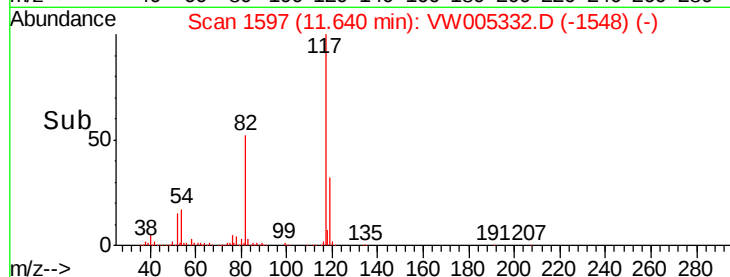
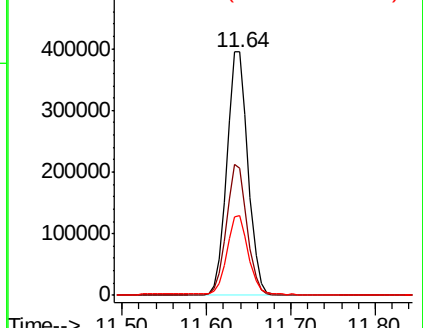
119 32.7 26.2 39.4



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: VW005332.D

Acq: 12 Sep 2018 18:05

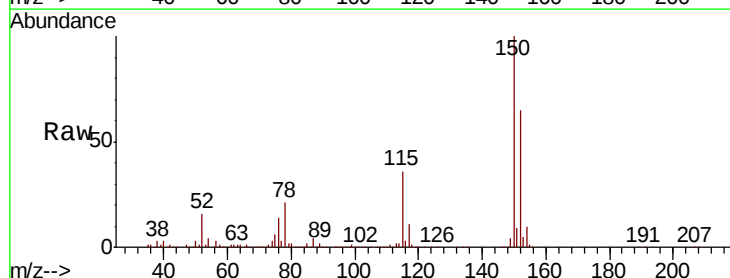
Tgt Ion:152 Resp: 345650

Ion Ratio Lower Upper

152 100

115 55.0 27.5 82.4

150 155.9 0.0 347.4



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

