

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091018\
 Data File : VW005259.D
 Acq On : 10 Sep 2018 23:26
 Operator : SY/AP
 Sample : J4838-03
 Misc : 4.51G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-1A-G-090718-3

Quant Time: Sep 11 04:44:19 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

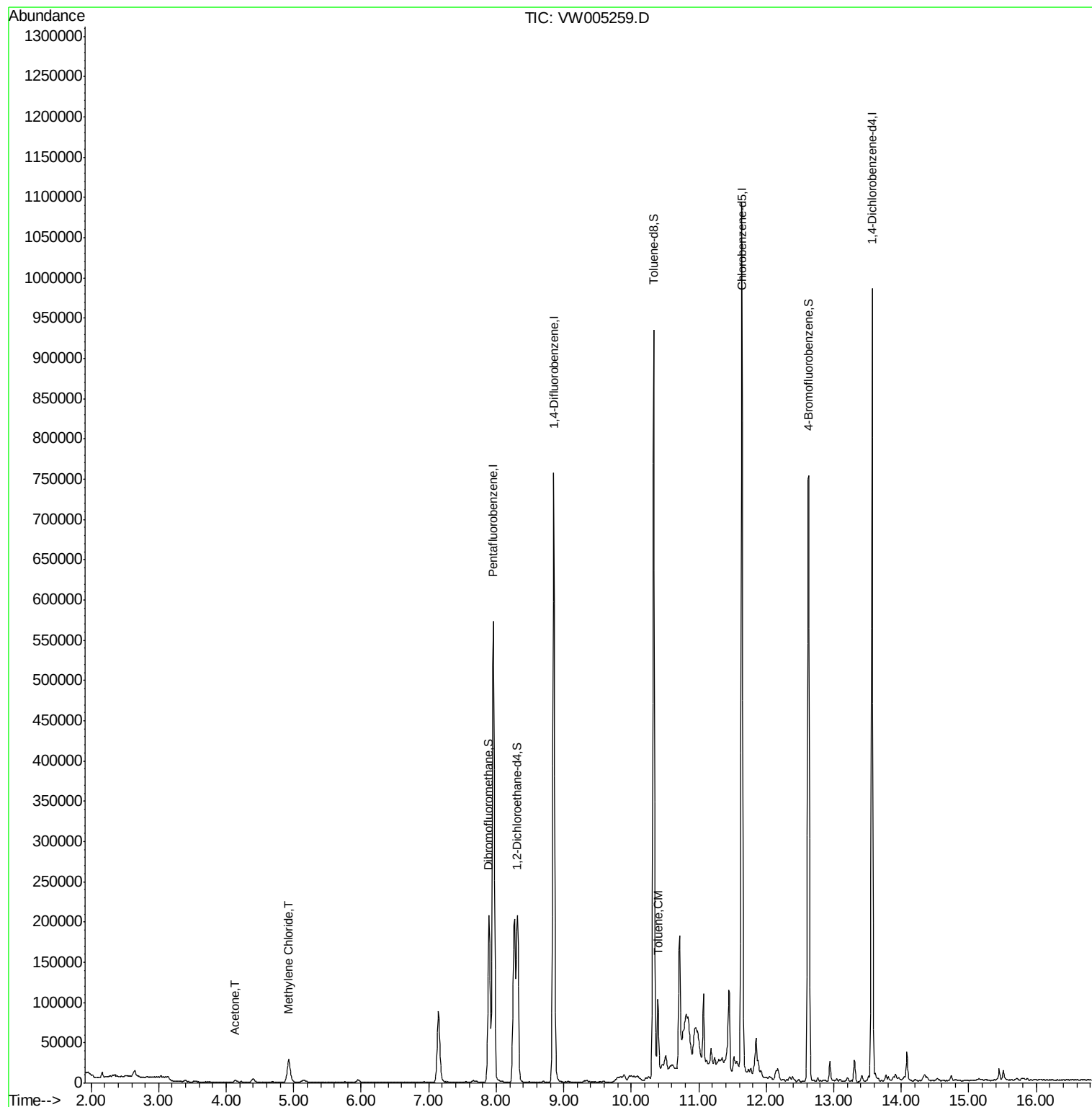
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	461375	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	692208	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	647791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	276281	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.32	65	162195	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.26%	
35) Dibromofluoromethane	7.89	113	151753	41.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.70%	
50) Toluene-d8	10.33	98	653070	35.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.28%	
62) 4-Bromofluorobenzene	12.63	95	220874	32.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.92%	
Target Compounds						
16) Acetone	4.14	43	4954	7.76	ug/l	91
20) Methylene Chloride	4.92	84	22721	1.60	ug/l	94
52) Toluene	10.40	92	41898	3.09	ug/l	98

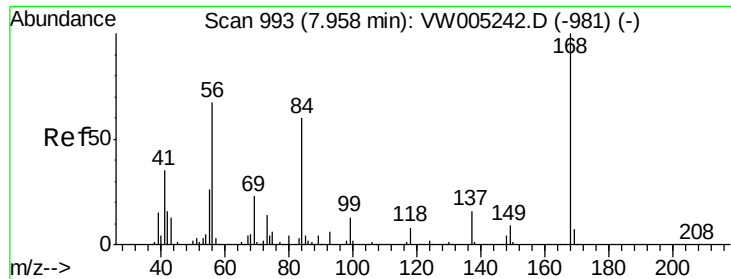
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

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ClientSampleId :

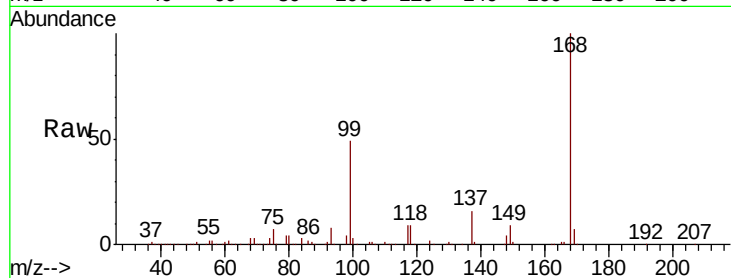
SUP-1A-G-090718-3

Tot Ion:168 Resp: 461375

Ion Ratio Lower Upper

168 100

99 49.1 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

250000

200000

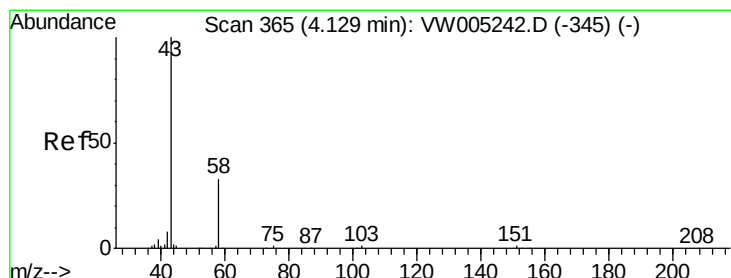
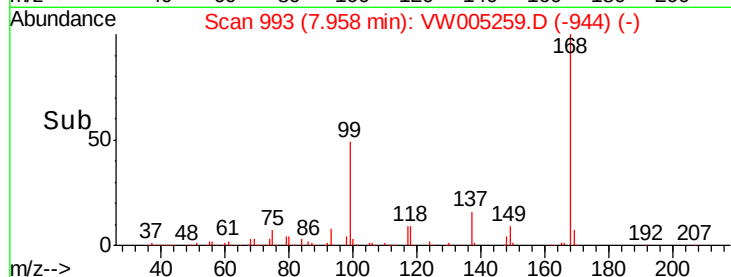
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 7.76 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW005259.D

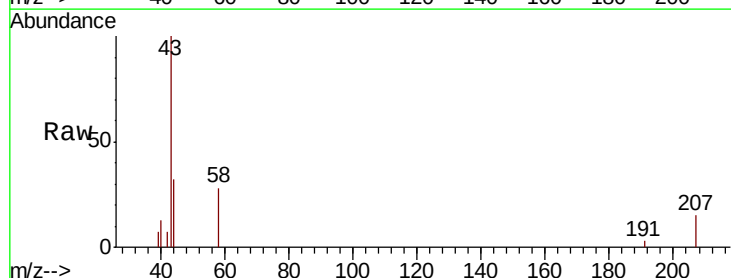
Acq: 10 Sep 2018 23:26

Tgt Ion: 43 Resp: 4954

Ion Ratio Lower Upper

43 100

58 28.0 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

2000

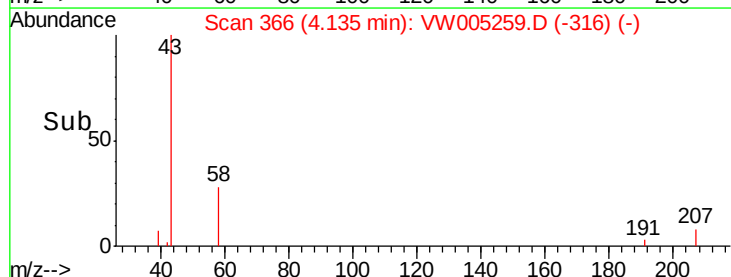
1500

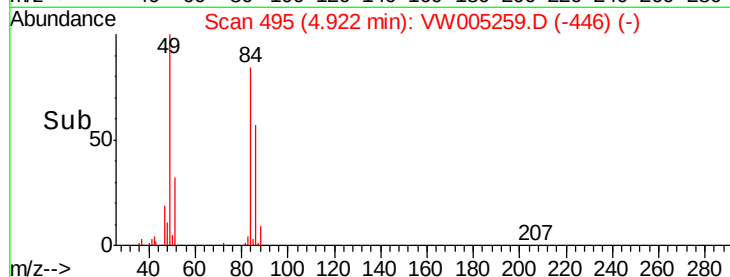
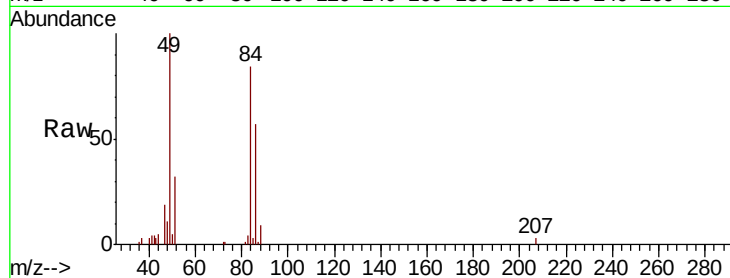
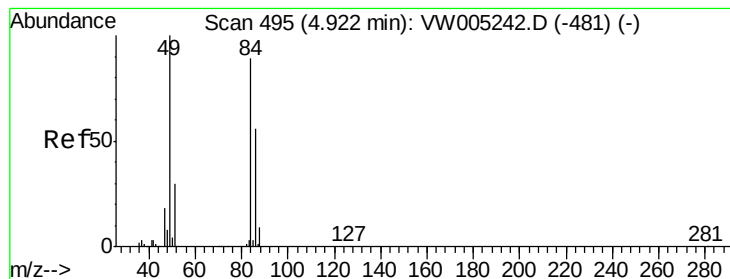
1000

500

0

Time--> 4.05 4.10 4.15 4.20





#20

Methylene Chloride

Concen: 1.60 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW005259.D

Acq: 10 Sep 2018 23:26

Instrument :

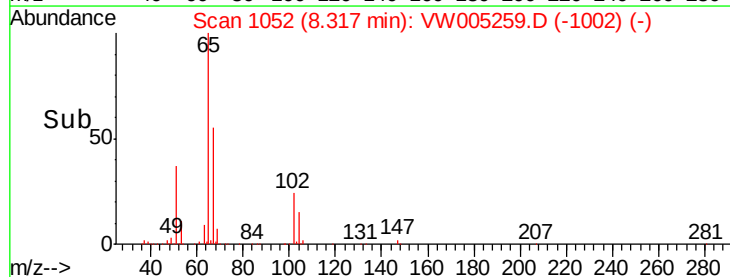
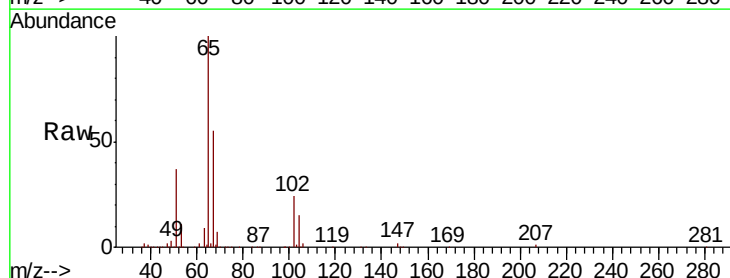
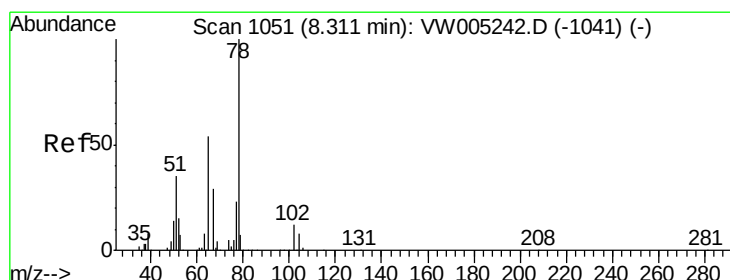
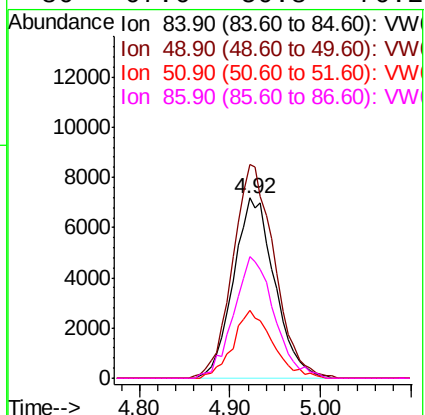
MSVOA_W

ClientSampleId :

SUP-1A-G-090718-3

Tot Ion: 84 Resp: 22721

Ion	Ratio	Lower	Upper
84	100		
49	118.5	90.3	135.5
51	37.6	26.9	40.3
86	67.6	50.8	76.2



#33

1,2-Dichloroethane-d4

Concen: 47.13 ug/l

RT: 8.32 min Scan# 1052

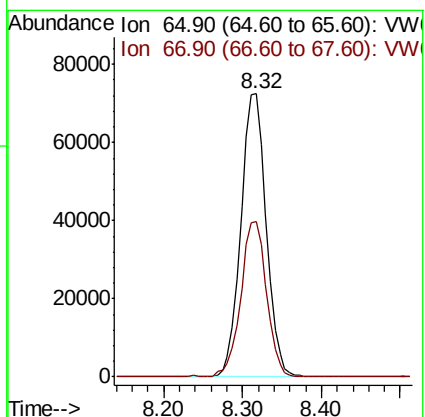
Delta R.T. 0.01 min

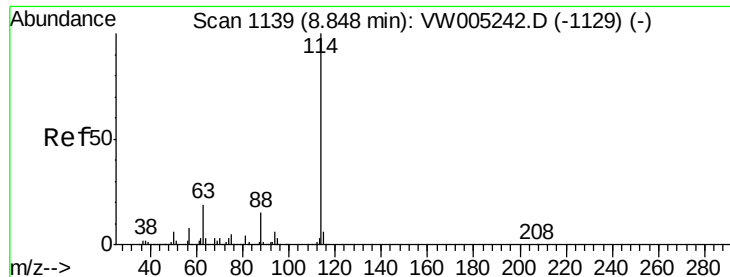
Lab File: VW005259.D

Acq: 10 Sep 2018 23:26

Tgt Ion: 65 Resp: 162195

Ion	Ratio	Lower	Upper
65	100		
67	55.6	0.0	112.2

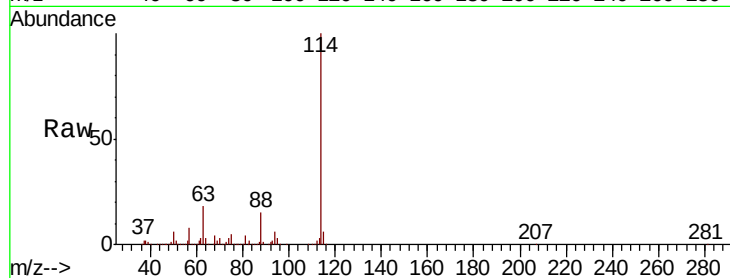




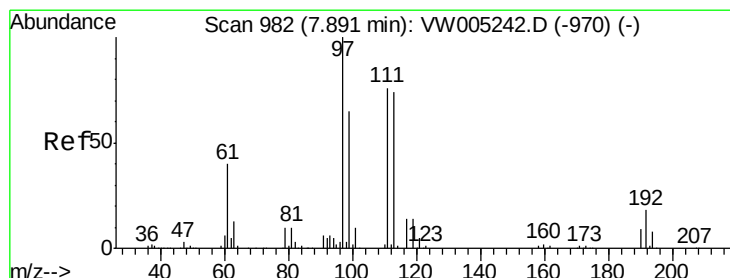
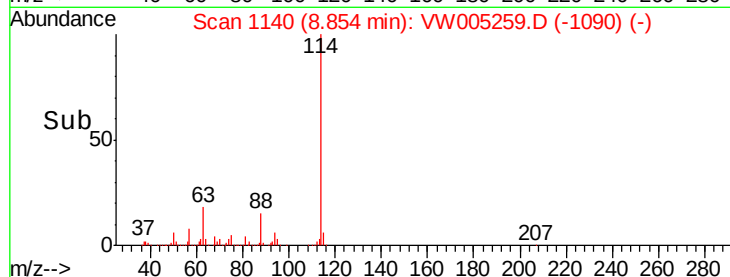
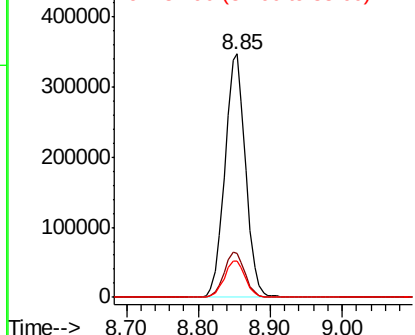
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: VW005259.D
 Acq: 10 Sep 2018 23:26

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-1A-G-090718-3

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	37.0
88	14.9	0.0	30.4

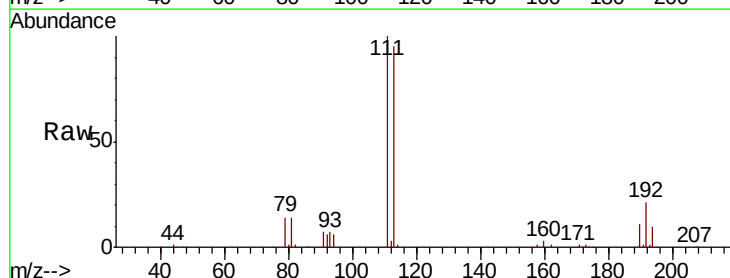


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

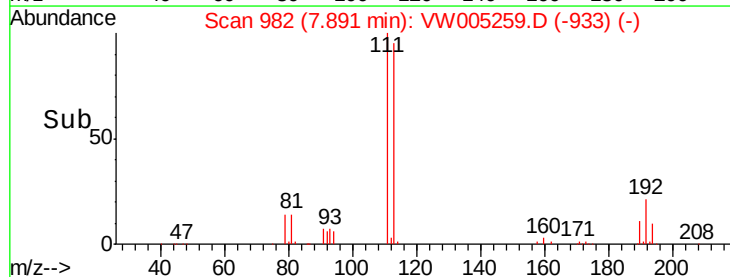
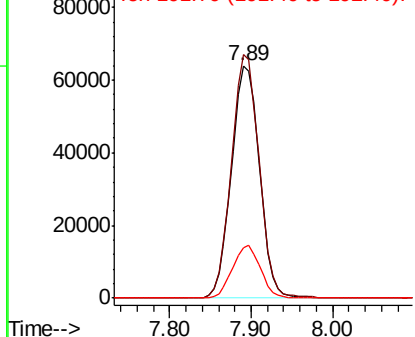


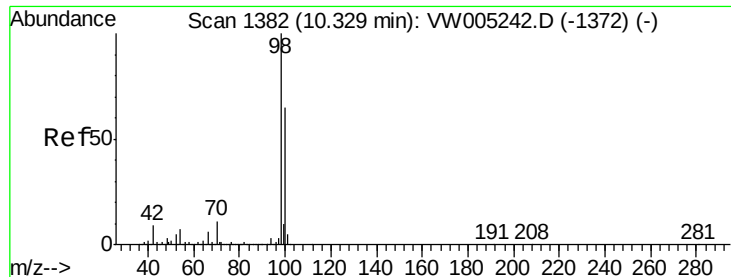
#35
 Dibromofluoromethane
 Concen: 41.85 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005259.D
 Acq: 10 Sep 2018 23:26

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	80.6	121.0
192	22.5	18.3	27.5



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: 35.64 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005259.D

Acq: 10 Sep 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

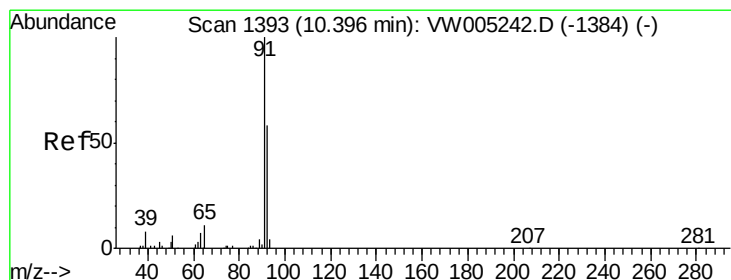
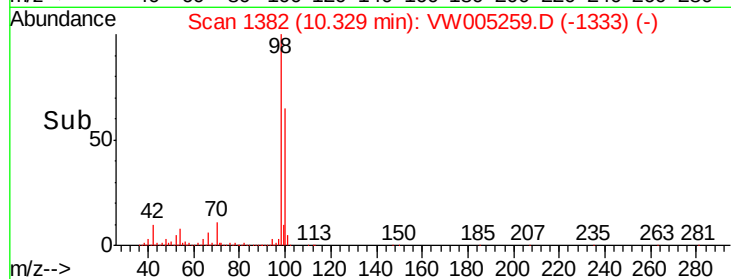
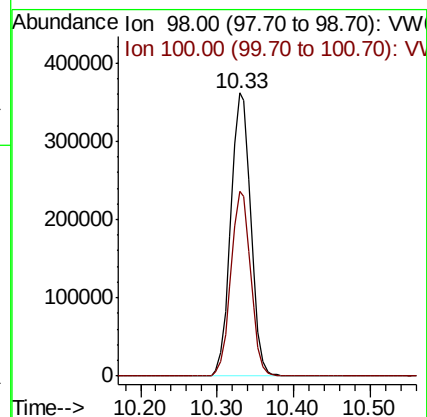
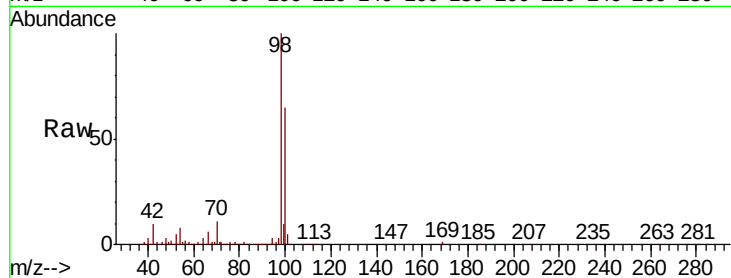
SUP-1A-G-090718-3

Tot Ion: 98 Resp: 653070

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0



#52

Toluene

Concen: 3.09 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW005259.D

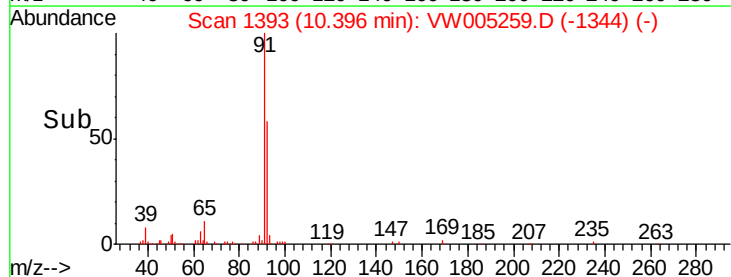
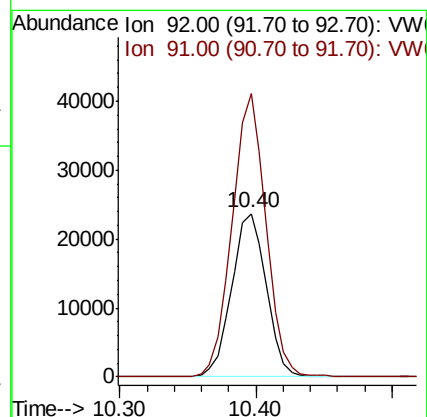
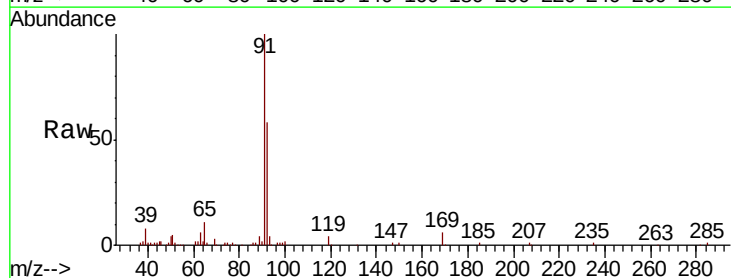
Acq: 10 Sep 2018 23:26

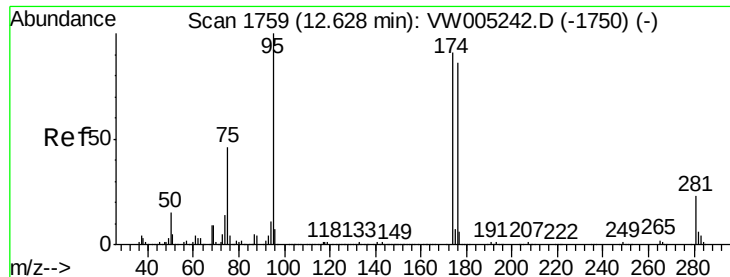
Tgt Ion: 92 Resp: 41898

Ion Ratio Lower Upper

92 100

91 169.4 137.4 206.0

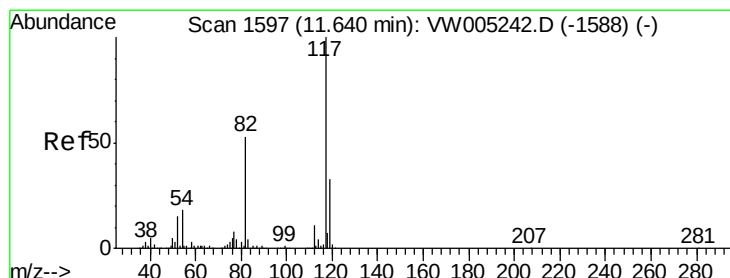
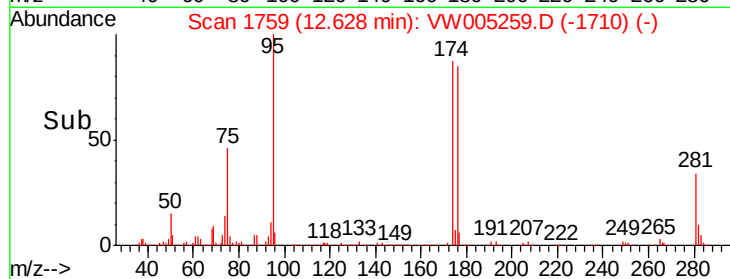
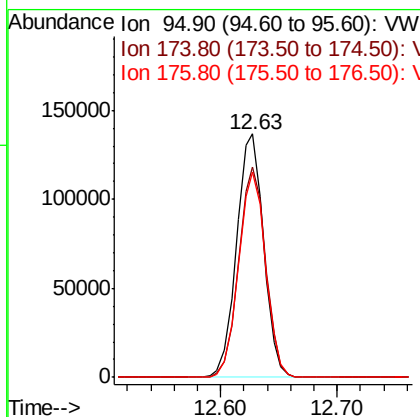
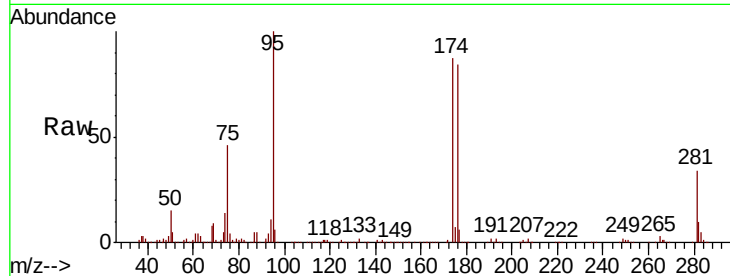




#62
4-Bromofluorobenzene
Concen: 32.96 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.00 min
Lab File: VW005259.D
Acq: 10 Sep 2018 23:26

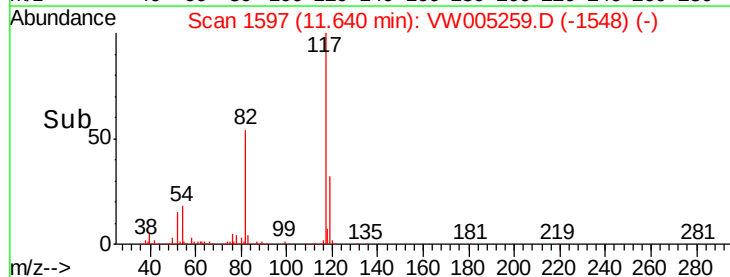
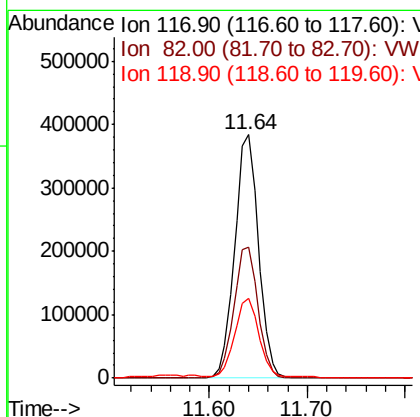
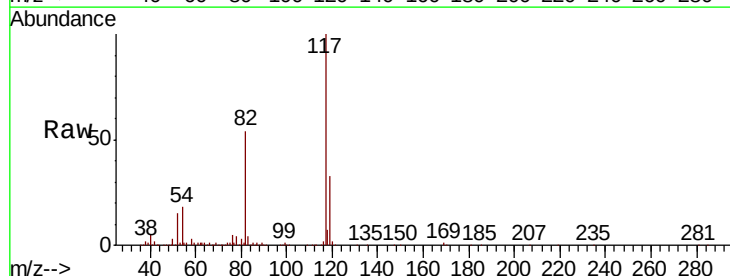
Instrument :
MSVOA_W
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SUP-1A-G-090718-3

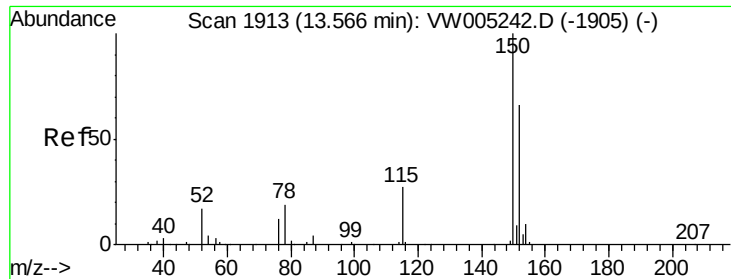
Tot Ion: 95 Resp: 220874
Ion Ratio Lower Upper
95 100
174 86.3 0.0 174.6
176 84.1 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005259.D
Acq: 10 Sep 2018 23:26

Tgt Ion: 117 Resp: 647791
Ion Ratio Lower Upper
117 100
82 53.8 42.6 63.8
119 32.3 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005259.D

Acq: 10 Sep 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

SUP-1A-G-090718-3

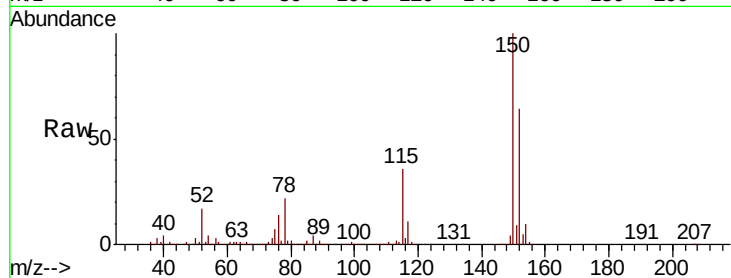
Tot Ion:152 Resp: 276281

Ion Ratio Lower Upper

152 100

115 56.1 27.5 82.4

150 156.1 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

