

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022719\
 Data File : VW008854.D
 Acq On : 27 Feb 2019 15:01
 Operator : SY/VA
 Sample : K1627-07
 Misc : 5.86G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-04-(0-2)

Quant Time: Feb 28 07:36:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

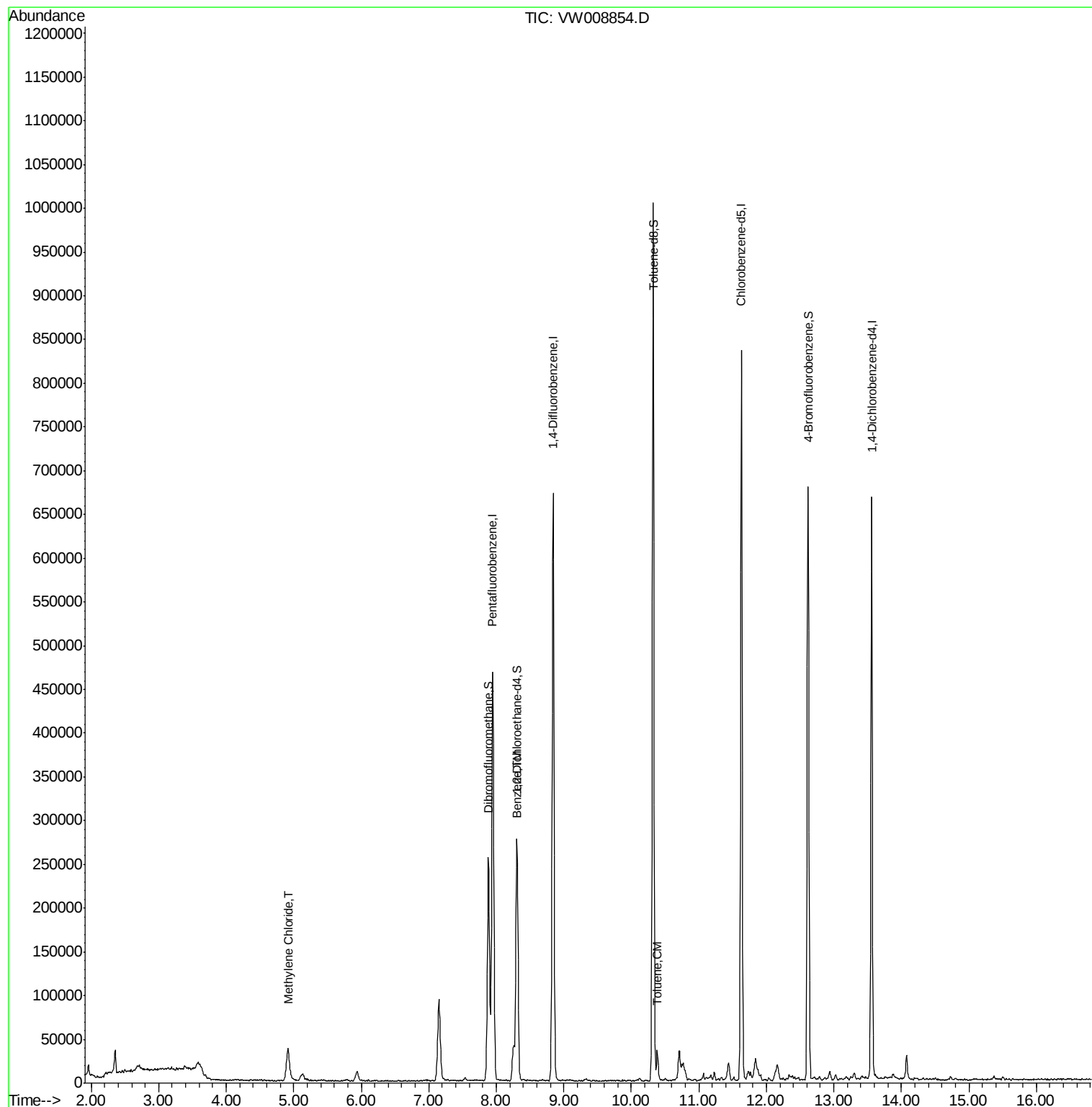
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	362663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	547551	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	455550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	169349	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	198927	58.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.96%	
35) Dibromofluoromethane	7.88	113	175269	53.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.62%	
50) Toluene-d8	10.32	98	643663	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.62	95	190157	38.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.54%	
Target Compounds						
20) Methylene Chloride	4.92	84	28333	2.435	ug/l #	83
40) Benzene	8.32	78	16014	1.100	ug/l	96
52) Toluene	10.39	92	14173	1.435	ug/l	96

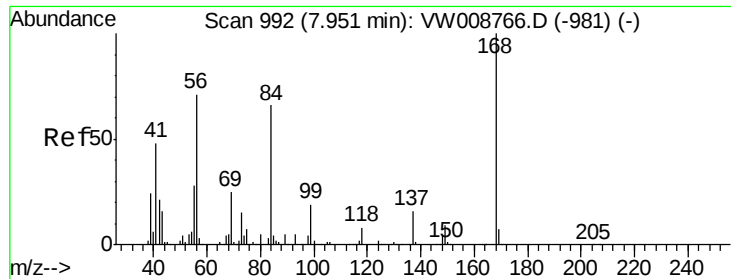
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008854.D

Acq: 27 Feb 2019 15:01

Instrument :

MSVOA_W

ClientSampleId :

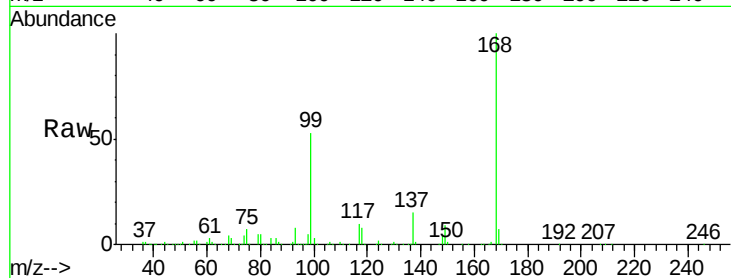
SB-04-(0-2)

Tot Ion:168 Resp: 362663

Ion Ratio Lower Upper

168 100

99 53.3 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

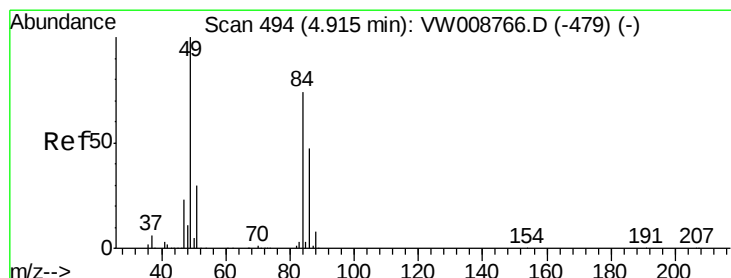
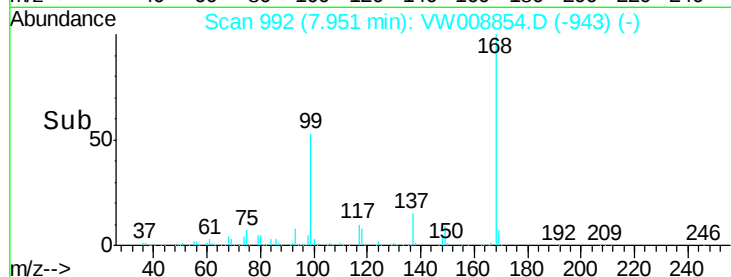
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 2.435 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW008854.D

Acq: 27 Feb 2019 15:01

Tgt Ion: 84 Resp: 28333

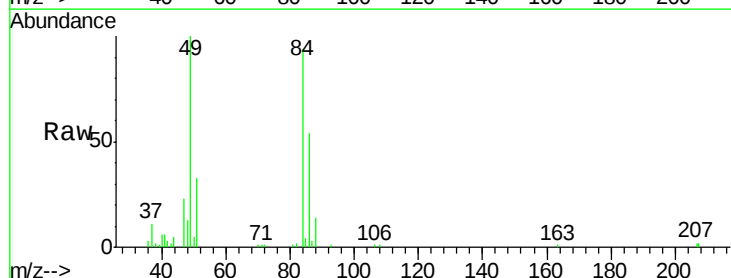
Ion Ratio Lower Upper

84 100

49 106.9 108.2 162.2#

51 34.7 32.7 49.1

86 57.9 50.3 75.5



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

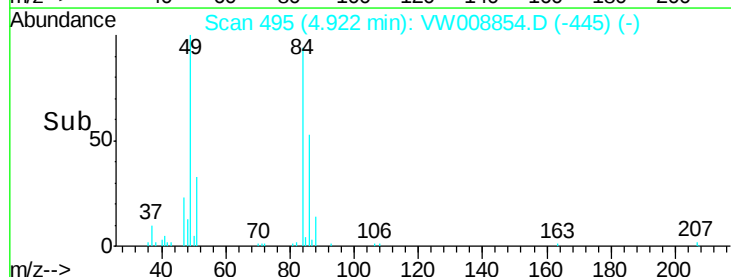
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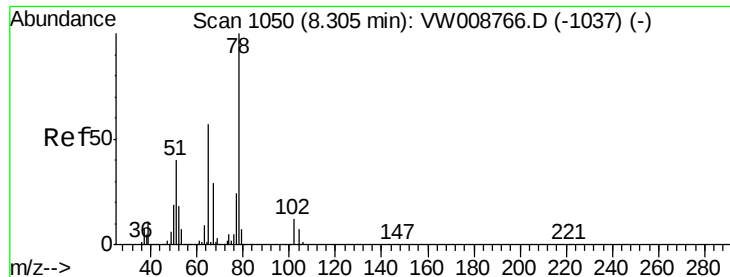
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5000

0

Time-->

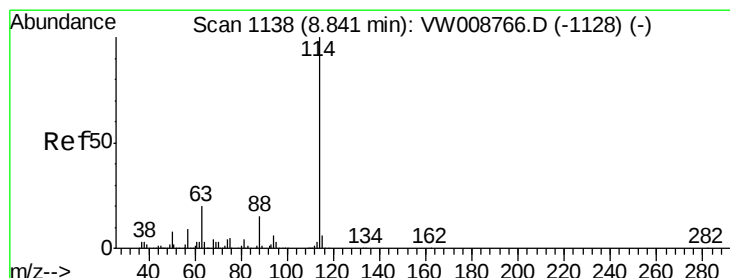
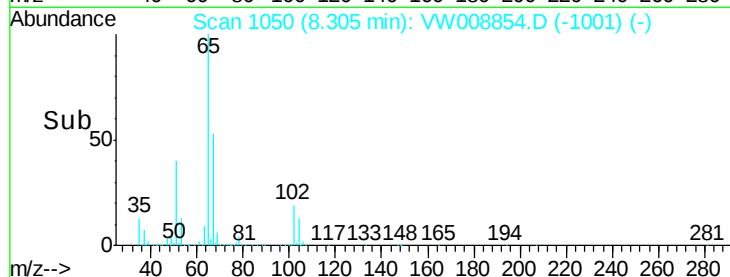
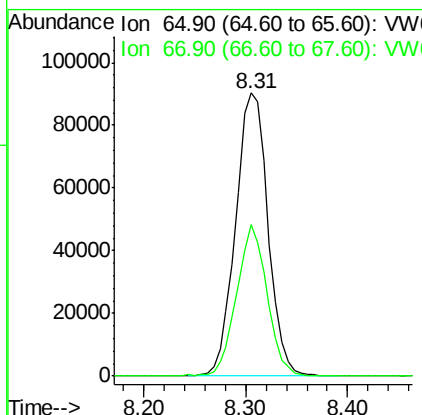
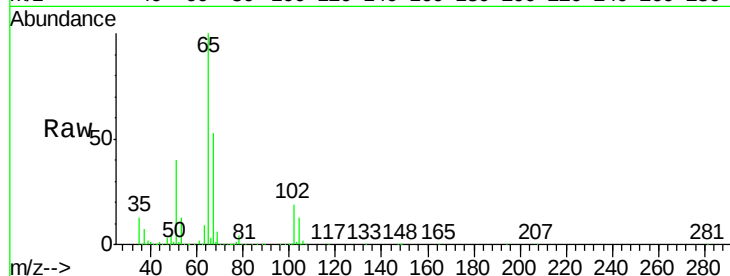




#33
 1,2-Dichloroethane-d4
 Concen: 58.483 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008854.D
 Acq: 27 Feb 2019 15:01

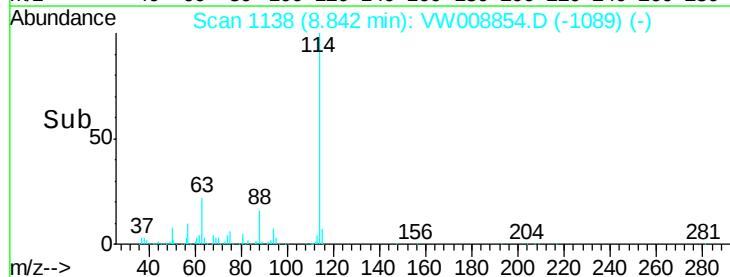
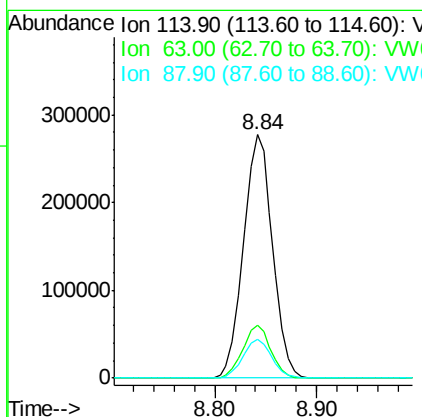
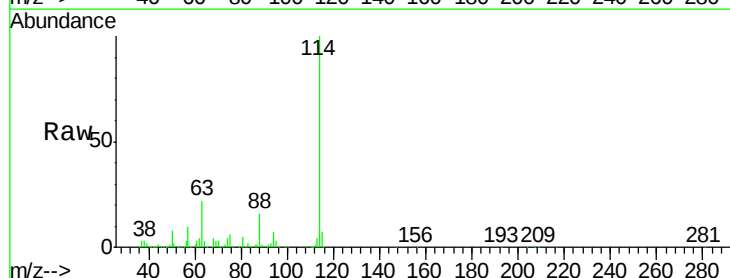
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-04-(0-2)

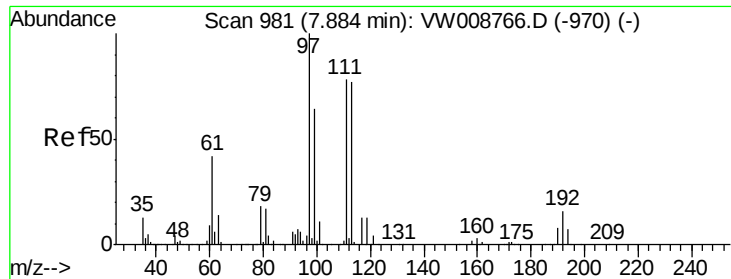
Tot Ion: 65 Resp: 198927
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008854.D
 Acq: 27 Feb 2019 15:01

Tgt Ion: 114 Resp: 547551
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 40.8
 88 15.8 0.0 30.4

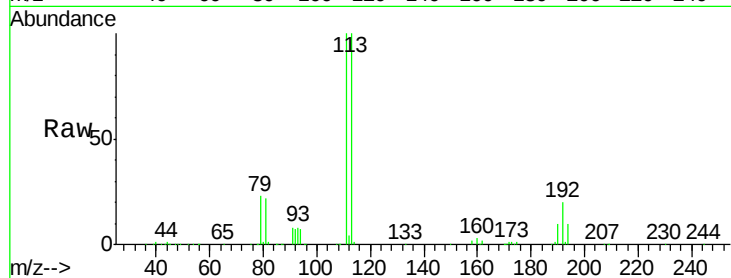




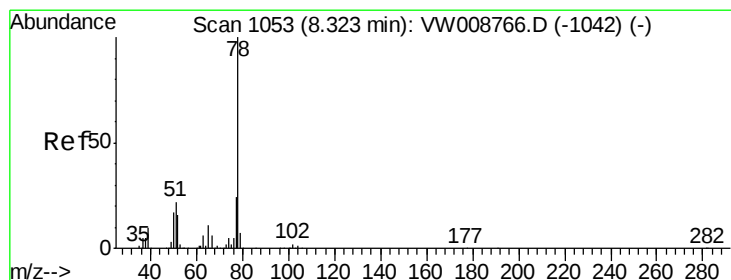
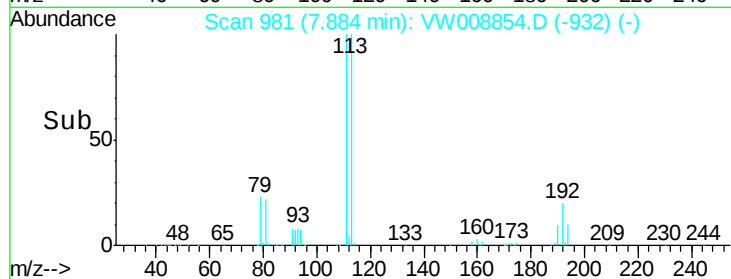
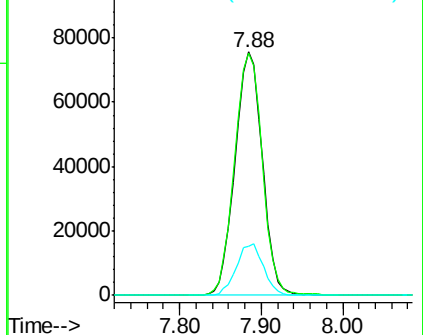
#35
 Dibromofluoromethane
 Concen: 53.313 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008854.D
 Acq: 27 Feb 2019 15:01

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-04-(0-2)

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.9	122.9
192	21.0	17.1	25.7

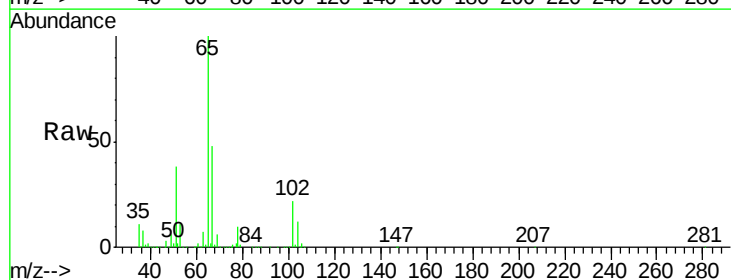


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

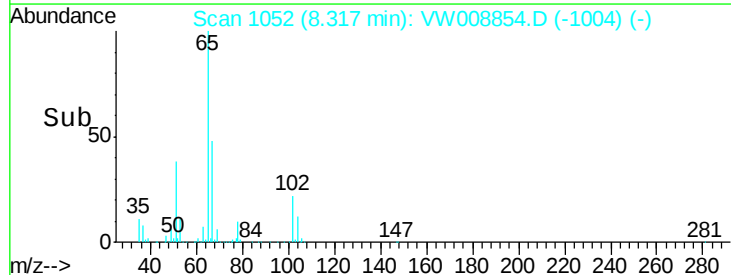
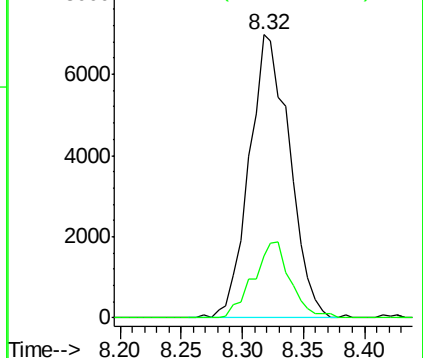


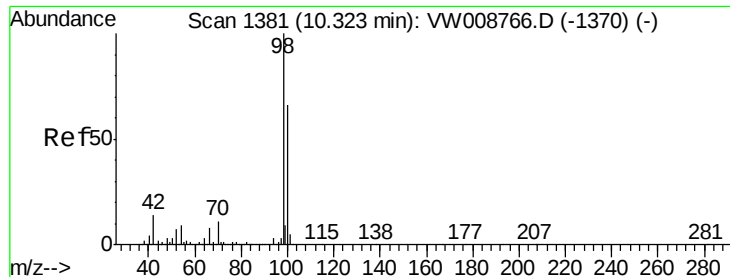
#40
 Benzene
 Concen: 1.100 ug/l
 RT: 8.32 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VW008854.D
 Acq: 27 Feb 2019 15:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.9	19.3	28.9



Abundance Ion 78.00 (77.70 to 78.70): VW
 Ion 77.00 (76.70 to 77.70): VW





#50

Toluene-d8

Concen: 50.718 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008854.D

Acq: 27 Feb 2019 15:01

Instrument :

MSVOA_W

ClientSampled :

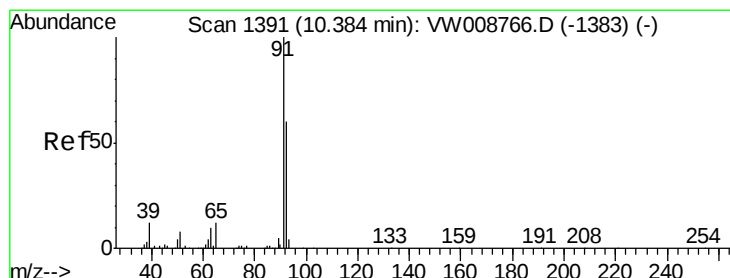
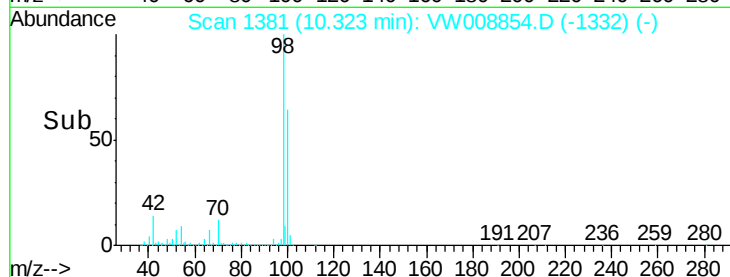
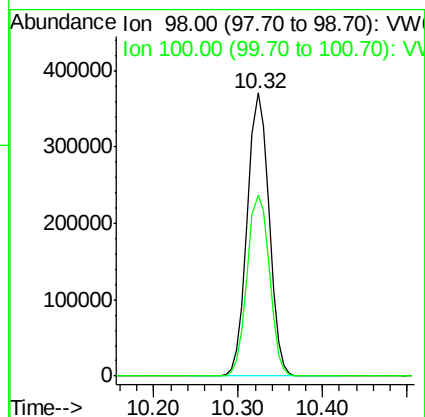
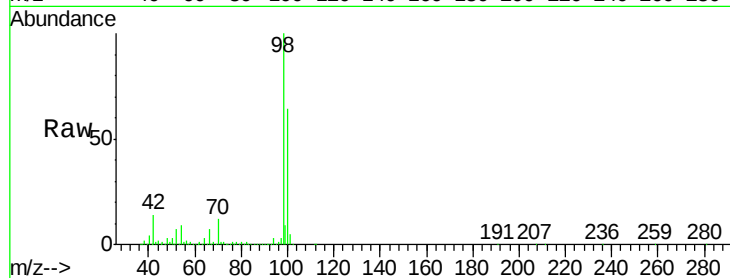
SB-04-(0-2)

Tot Ion: 98 Resp: 643663

Ion Ratio Lower Upper

98 100

100 65.6 52.4 78.6



#52

Toluene

Concen: 1.435 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW008854.D

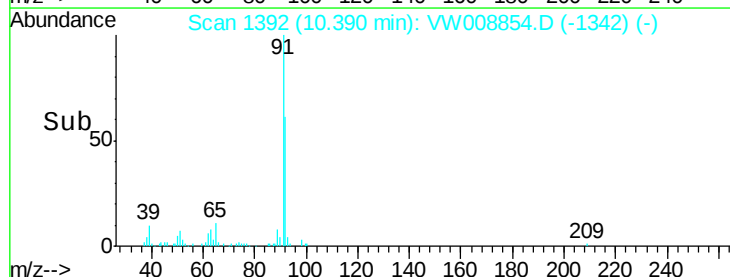
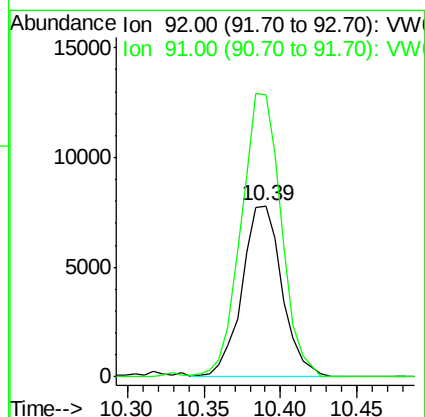
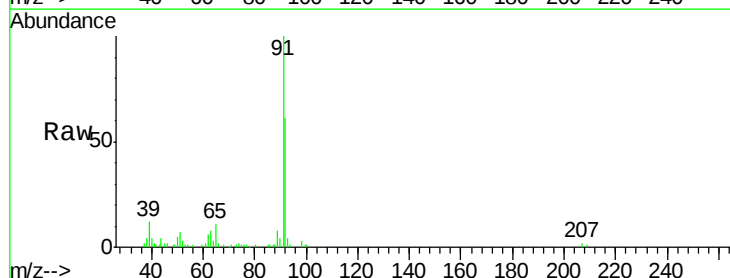
Acq: 27 Feb 2019 15:01

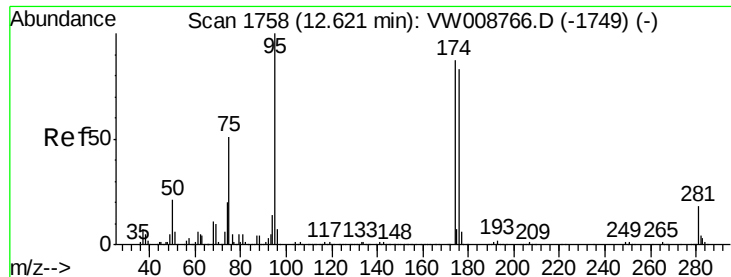
Tgt Ion: 92 Resp: 14173

Ion Ratio Lower Upper

92 100

91 165.6 136.9 205.3

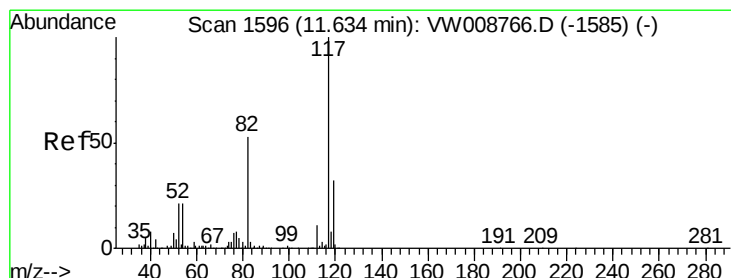
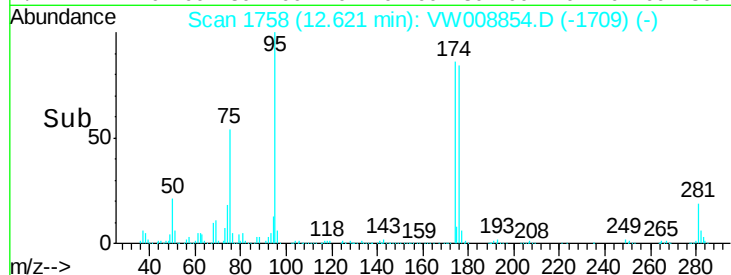
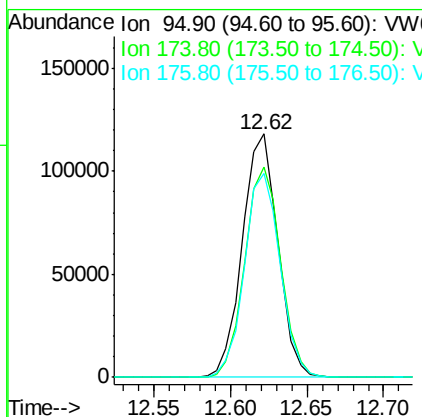
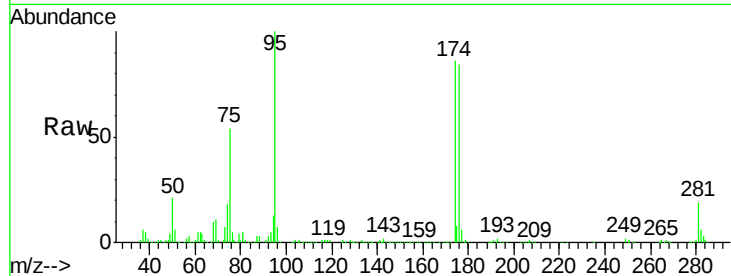




#62
4-Bromofluorobenzene
Concen: 38.268 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008854.D
Acq: 27 Feb 2019 15:01

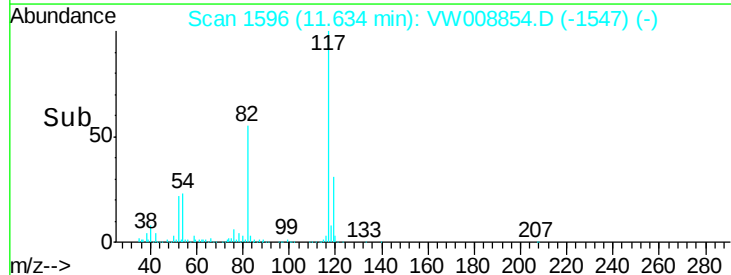
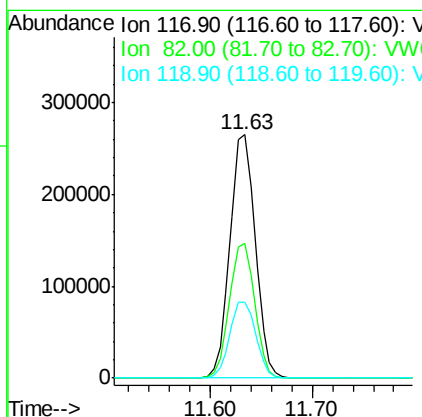
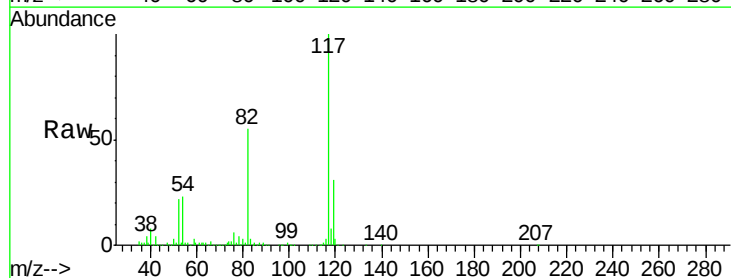
Instrument :
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SB-04-(0-2)

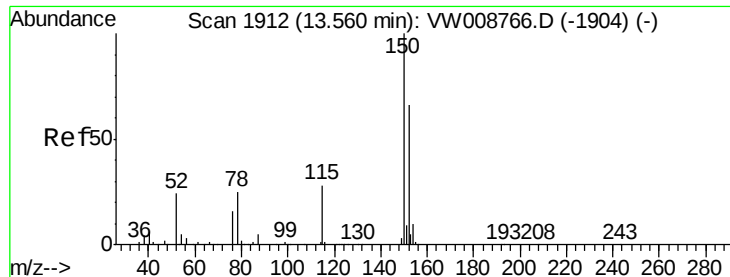
Tot Ion	Ratio	Lower	Upper
95	100		
174	87.7	0.0	169.2
176	84.4	0.0	163.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008854.D
Acq: 27 Feb 2019 15:01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.2	42.2	63.4
119	31.3	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008854.D

Acq: 27 Feb 2019 15:01

Instrument :

MSVOA_W

ClientSampleId :

SB-04-(0-2)

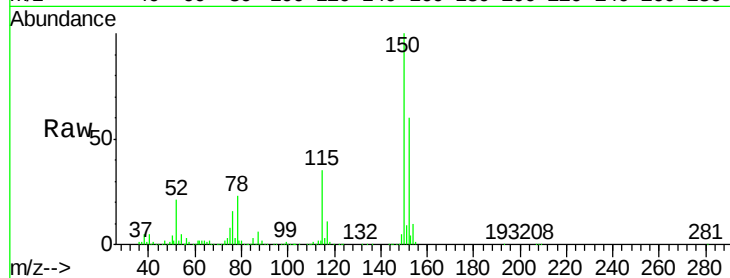
Tot Ion:152 Resp: 169349

Ion Ratio Lower Upper

152 100

115 56.4 28.6 85.8

150 158.0 0.0 348.0



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

