

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052119\
 Data File : VW010496.D
 Acq On : 21 May 2019 19:11
 Operator : SY/VA
 Sample : K2974-01
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BP-VPB202-GW-823-825

Quant Time: May 22 07:36:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

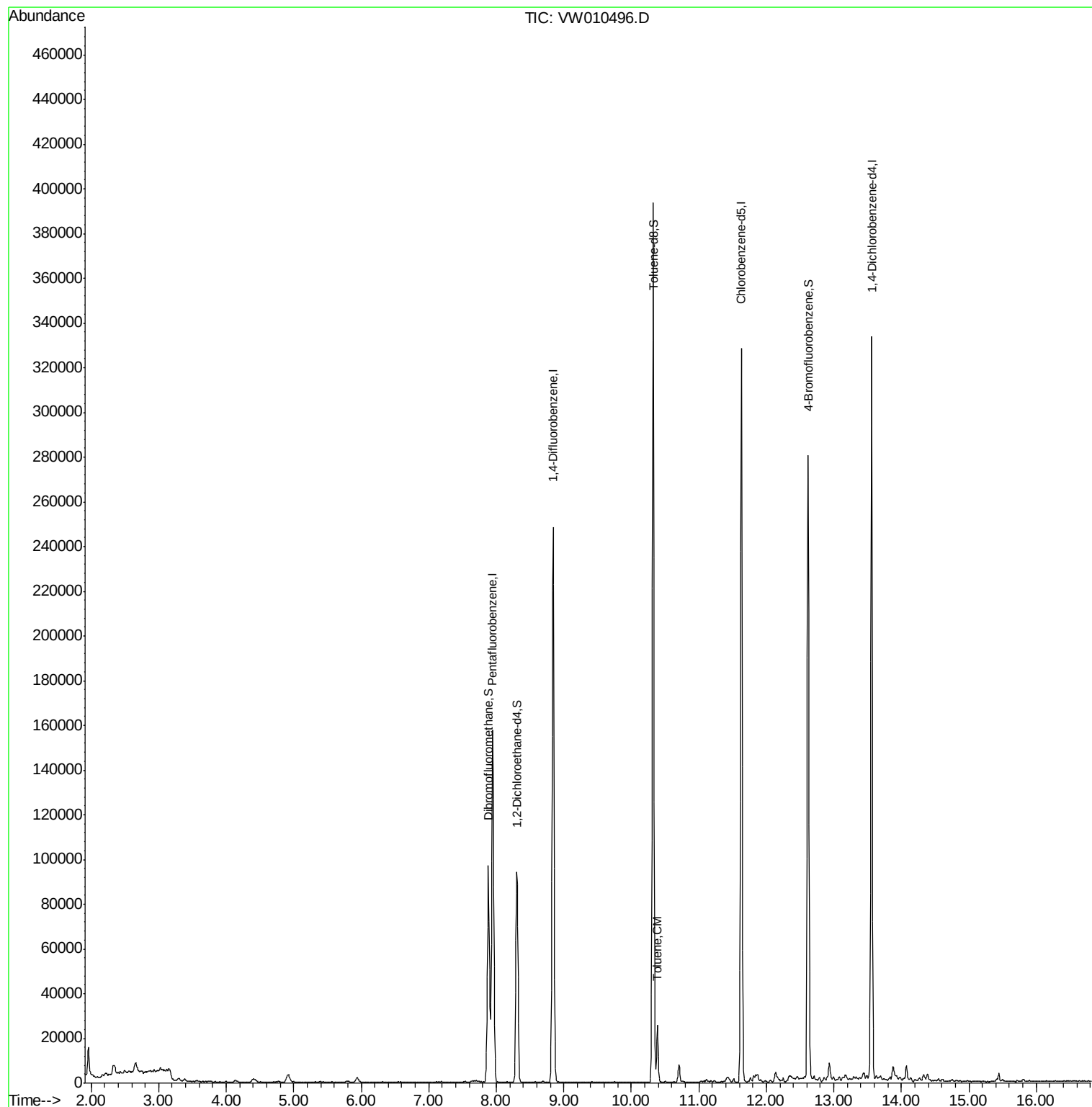
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	113851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	217718	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	194183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	84718	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	75728	64.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.88%	
35) Dibromofluoromethane	7.88	113	69742	52.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.58%	
50) Toluene-d8	10.32	98	267829	53.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.14%	
62) 4-Bromofluorobenzene	12.62	95	102617	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
Target Compounds						
52) Toluene	10.39	92	11148	2.945	ug/l	Qvalue 99

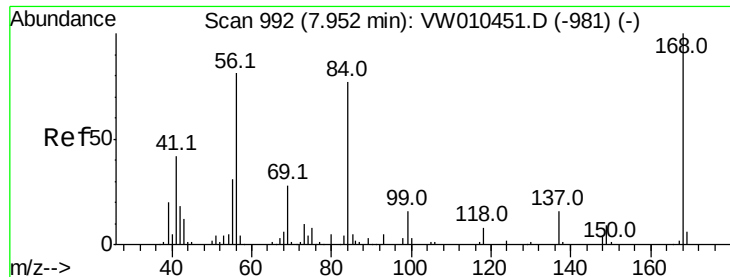
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
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: VW010496.D

Acq: 21 May 2019 19:11

Instrument :

MSVOA_W

ClientSampleId :

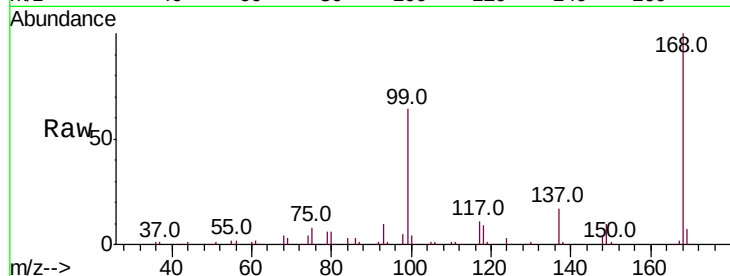
BP-VPB202-GW-823-825

Tot Ion:168 Resp: 113851

Ion Ratio Lower Upper

168 100

99 64.3 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

30000

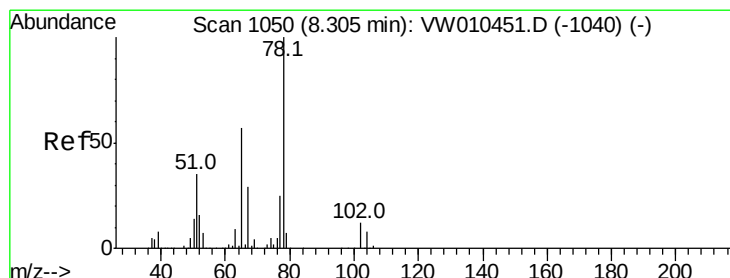
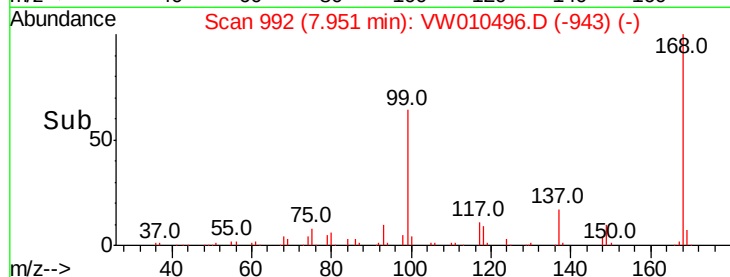
20000

10000

0

Time-->

7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 64.442 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010496.D

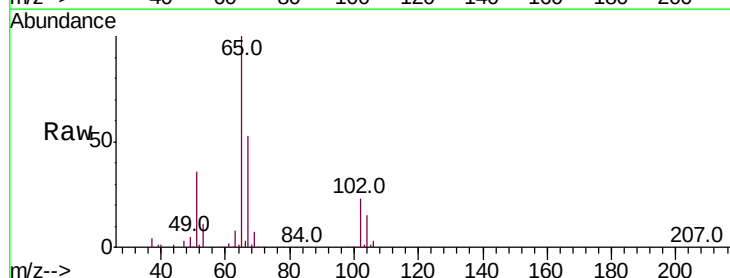
Acq: 21 May 2019 19:11

Tgt Ion: 65 Resp: 75728

Ion Ratio Lower Upper

65 100

67 52.7 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

40000

30000

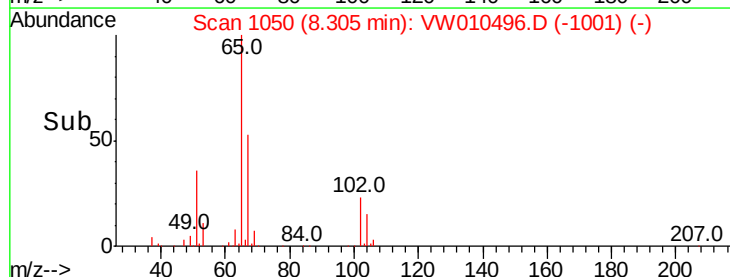
20000

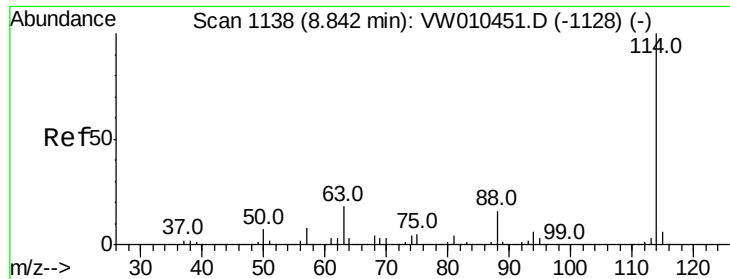
10000

0

Time-->

8.20 8.30 8.40

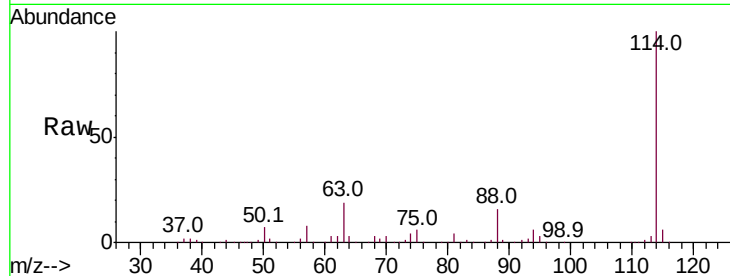




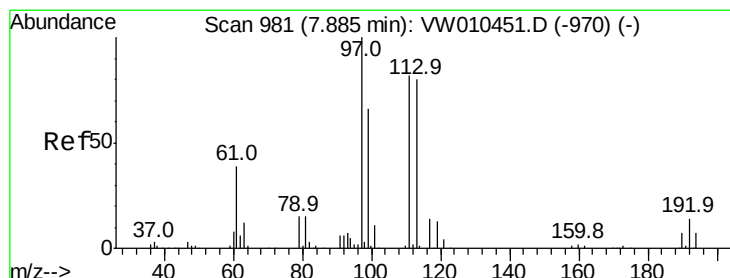
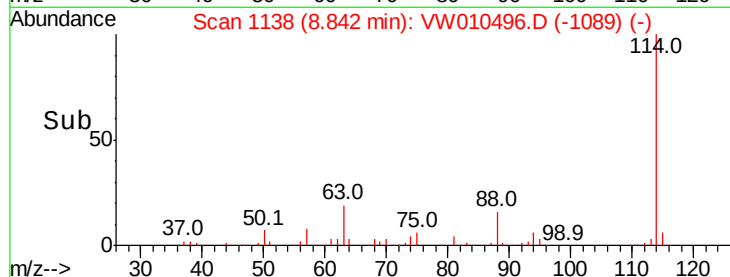
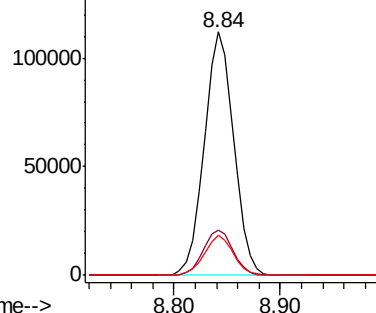
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010496.D
 Acq: 21 May 2019 19:11

Instrument :
 MSVOA_W
 ClientSampleId :
 BP-VPB202-GW-823-825

Tot Ion:	114	Resp:	217718
Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	36.0
88	16.3	0.0	32.0

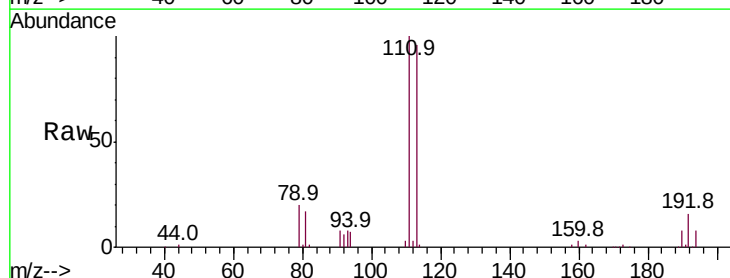


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

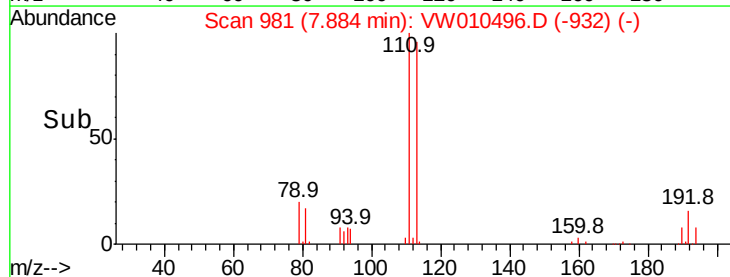
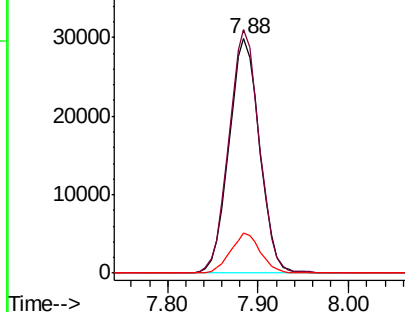


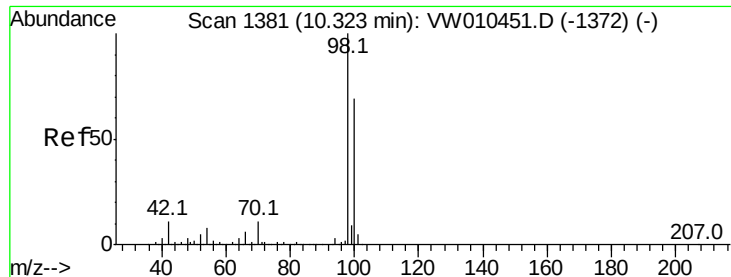
#35
 Dibromofluoromethane
 Concen: 52.792 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010496.D
 Acq: 21 May 2019 19:11

Tgt Ion:	113	Resp:	69742
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.2	123.4
192	16.6	14.3	21.5



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

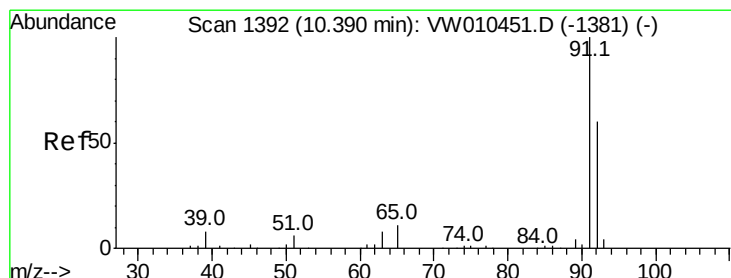
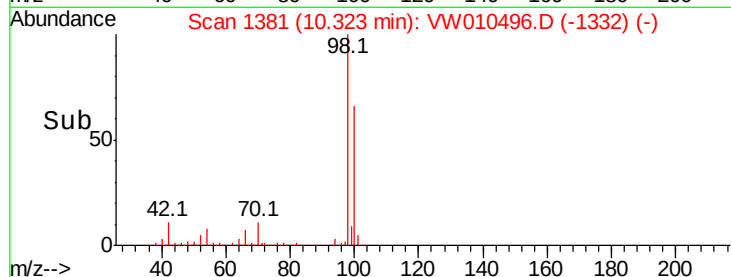
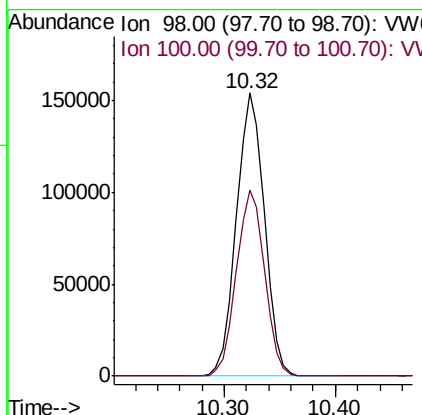
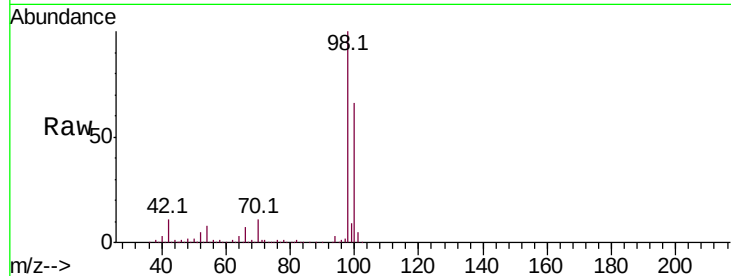




#50
Toluene-d8
Concen: 53.069 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010496.D
Acq: 21 May 2019 19:11

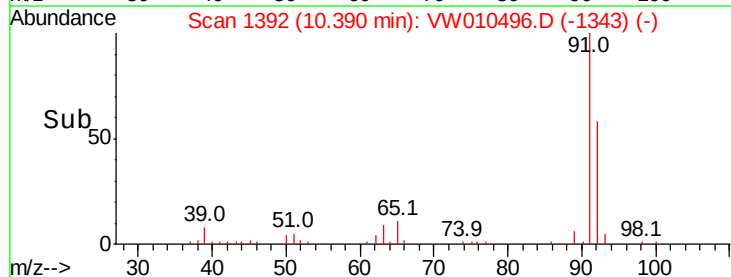
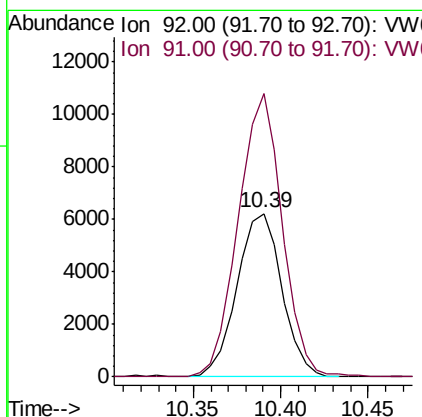
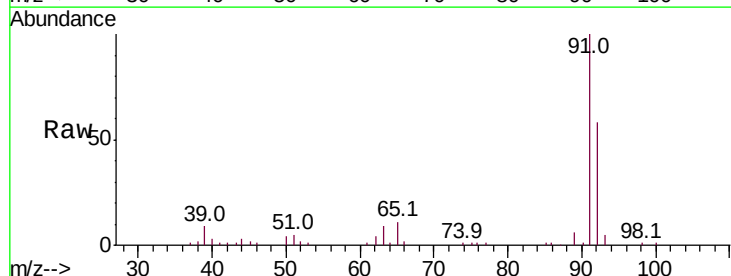
Instrument :
MSVOA_W
ClientSampleId :
BP-VPB202-GW-823-825

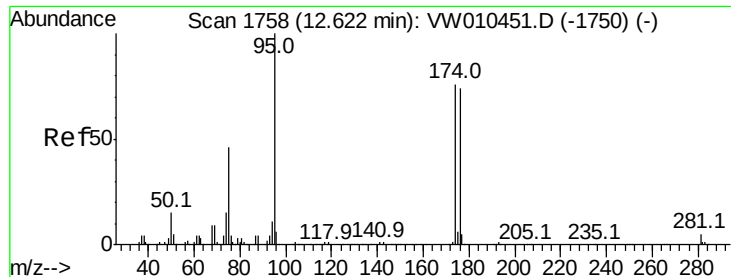
Tot Ion: 98 Resp: 267829
Ion Ratio Lower Upper
98 100
100 66.6 53.7 80.5



#52
Toluene
Concen: 2.945 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW010496.D
Acq: 21 May 2019 19:11

Tgt Ion: 92 Resp: 11148
Ion Ratio Lower Upper
92 100
91 169.9 135.4 203.0

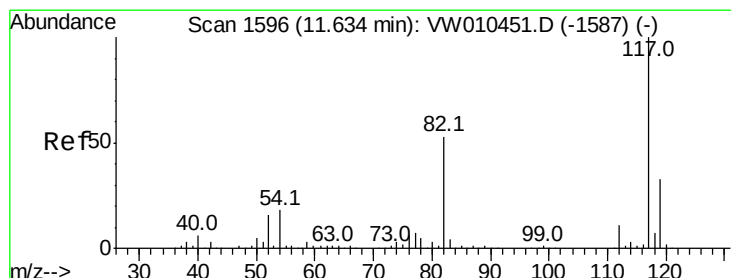
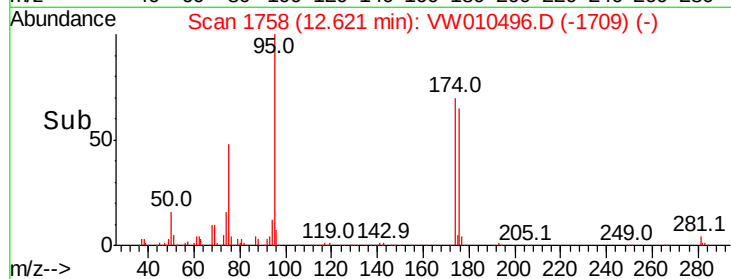
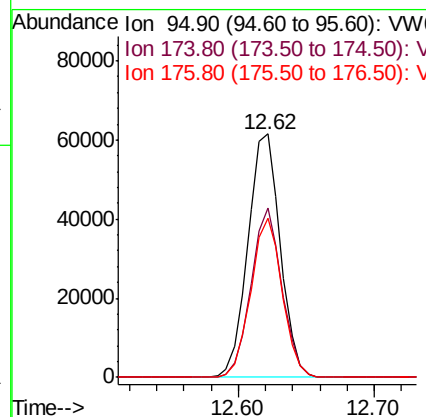
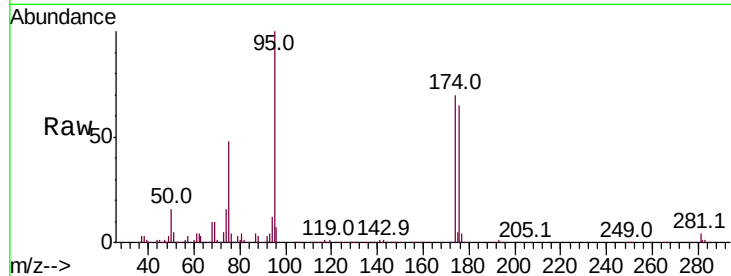




#62
4-Bromofluorobenzene
Concen: 51.048 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010496.D
Acq: 21 May 2019 19:11

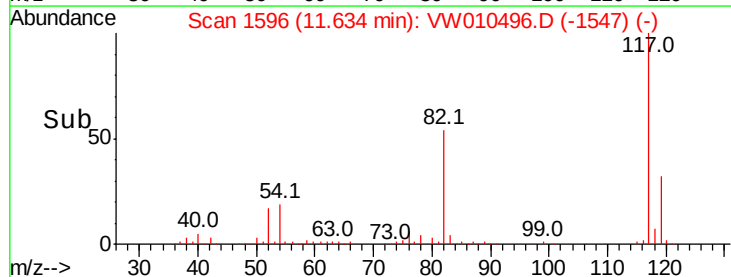
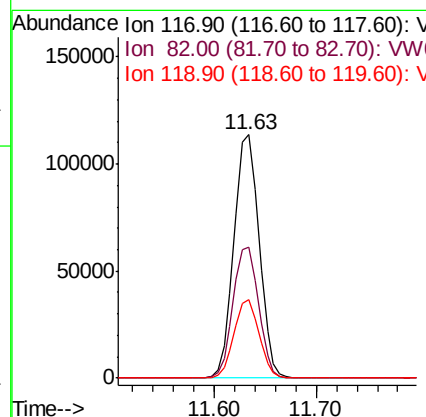
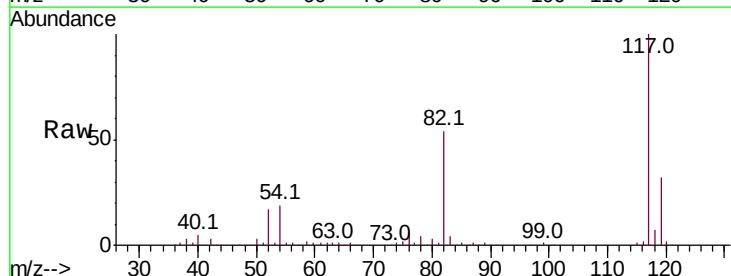
Instrument :
MSVOA_W
ClientSampleId :
BP-VPB202-GW-823-825

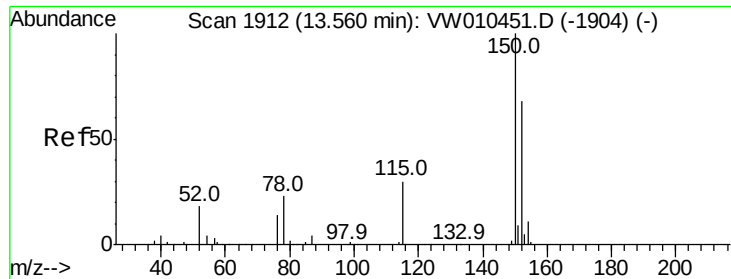
Tot Ion	Ratio	Lower	Upper
95	100		
174	66.3	0.0	148.6
176	63.2	0.0	144.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010496.D
Acq: 21 May 2019 19:11

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.7	42.8	64.2
119	32.2	26.3	39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010496.D

Acq: 21 May 2019 19:11

Instrument :

MSVOA_W

ClientSampleId :

BP-VPB202-GW-823-825

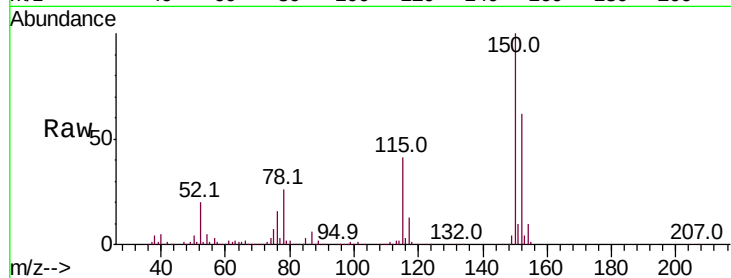
Tot Ion:152 Resp: 84718

Ion Ratio Lower Upper

152 100

115 65.3 30.3 91.0

150 159.5 0.0 349.8



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

