

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052119\
 Data File : VW010495.D
 Acq On : 21 May 2019 18:43
 Operator : SY/VA
 Sample : K2971-08
 Misc : 5.93G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-2A-G-8-052019

Quant Time: May 22 07:34:40 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

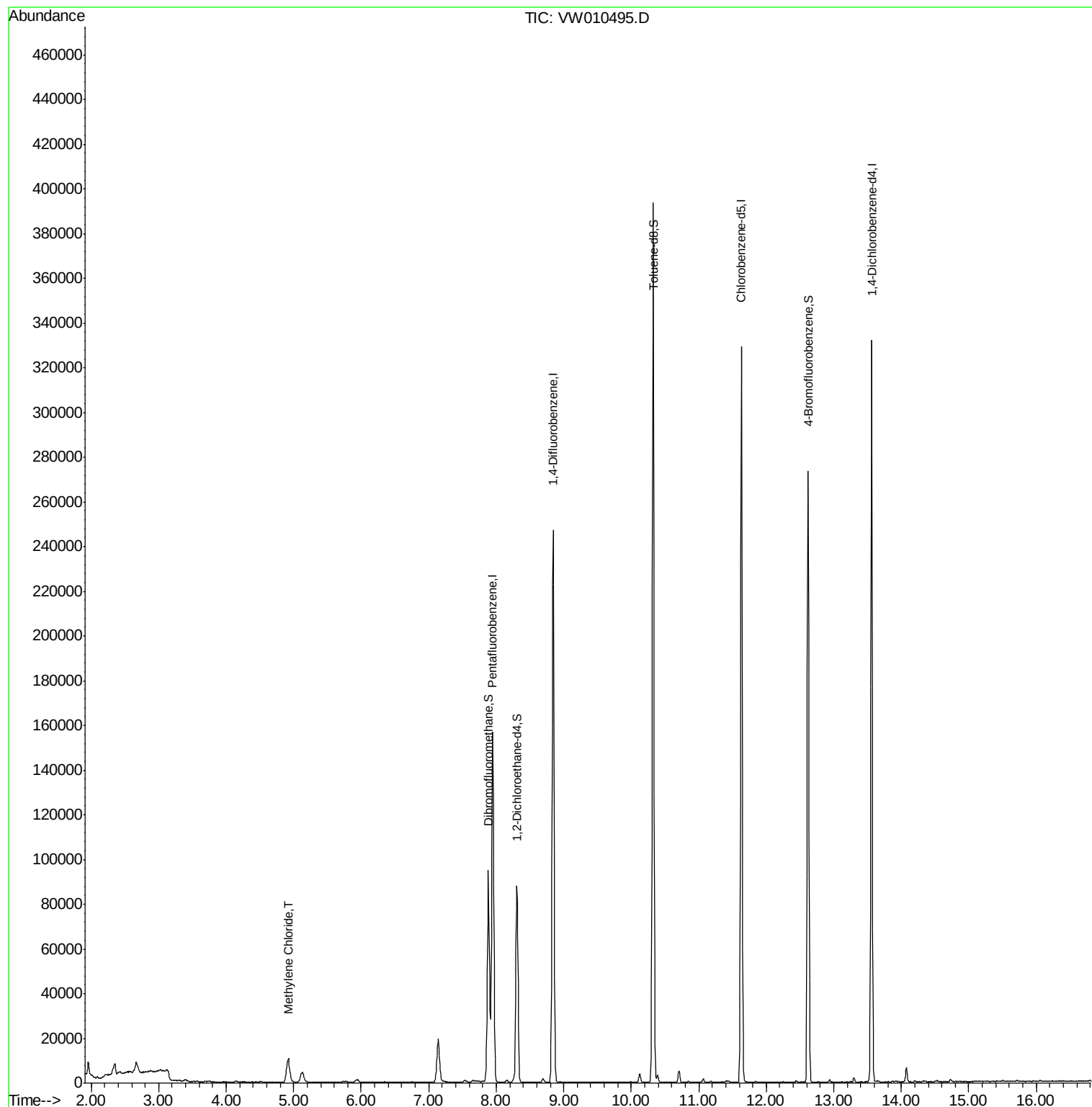
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	115361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	220329	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	194006	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	83144	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	70347	59.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.16%	
35) Dibromofluoromethane	7.88	113	68500	51.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.48%	
50) Toluene-d8	10.32	98	270176	52.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.80%	
62) 4-Bromofluorobenzene	12.62	95	99166	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
Target Compounds						
20) Methylene Chloride	4.92	84	8666	1.119	ug/l	Qvalue 97

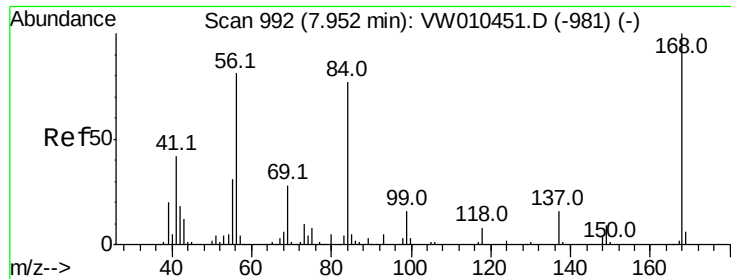
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010495.D

Acq: 21 May 2019 18:43

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MSVOA_W

ClientSampleId :

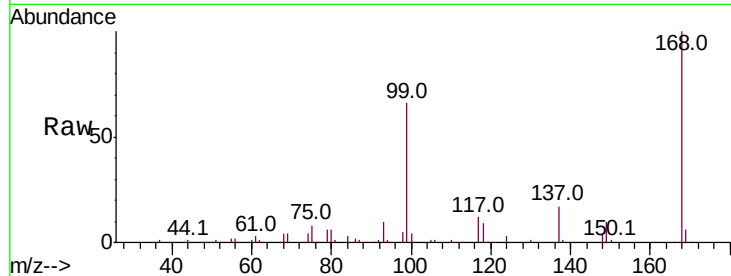
SUP-2A-G-8-052019

Tot Ion:168 Resp: 115361

Ion Ratio Lower Upper

168 100

99 65.9 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

30000

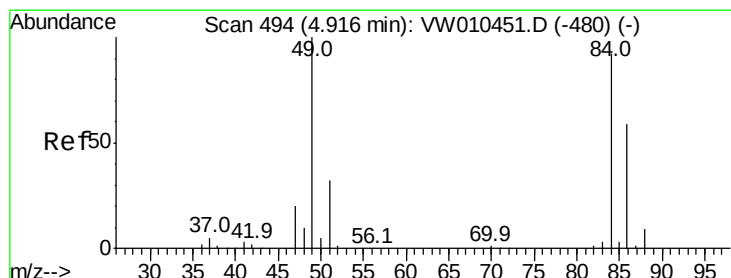
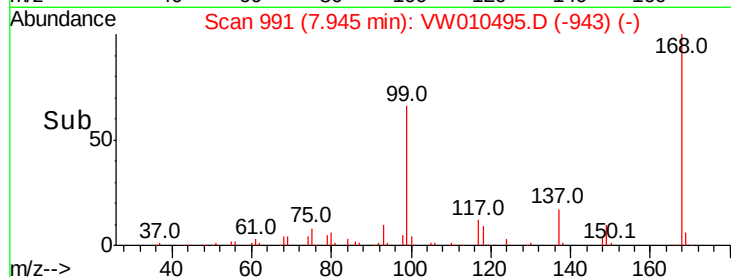
20000

10000

0

Time-->

7.90 8.00



#20

Methylene Chloride

Concen: 1.119 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW010495.D

Acq: 21 May 2019 18:43

Tgt Ion: 84 Resp: 8666

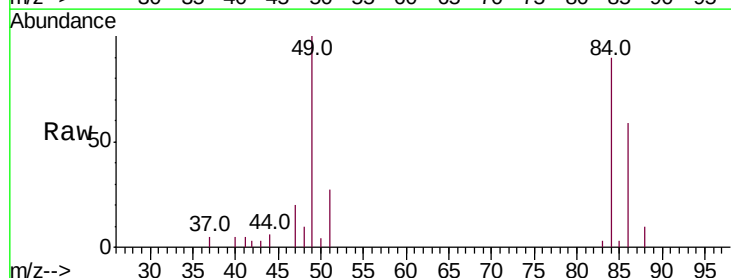
Ion Ratio Lower Upper

84 100

49 110.7 87.2 130.8

51 30.2 27.7 41.5

86 65.3 51.4 77.0



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

4.92

5000

4000

3000

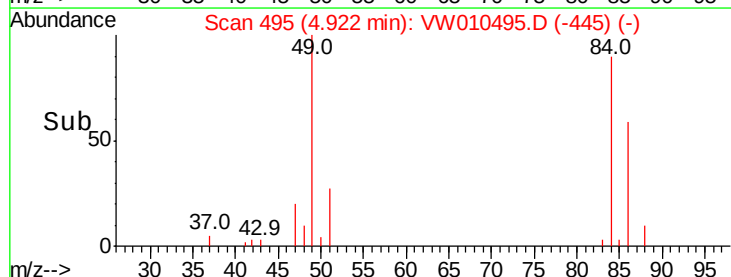
2000

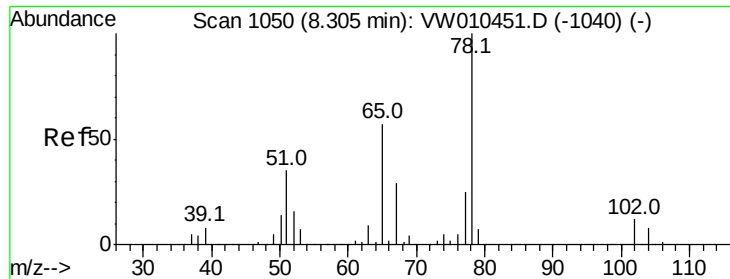
1000

0

Time-->

4.80 4.90 5.00

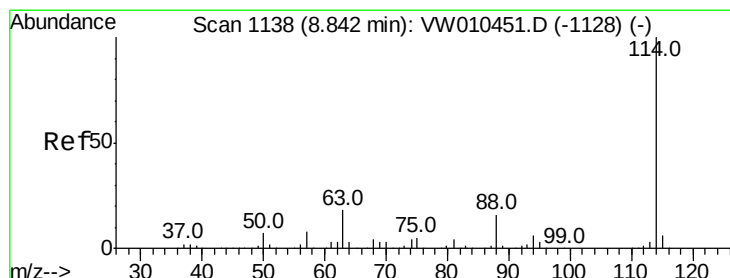
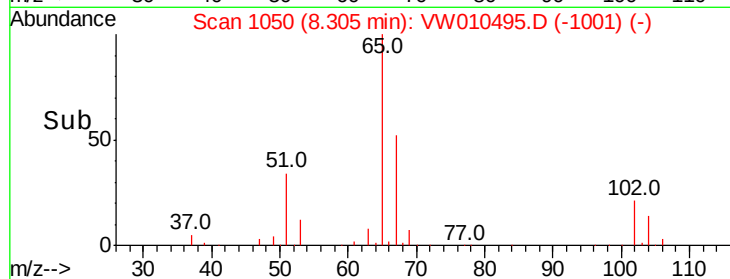
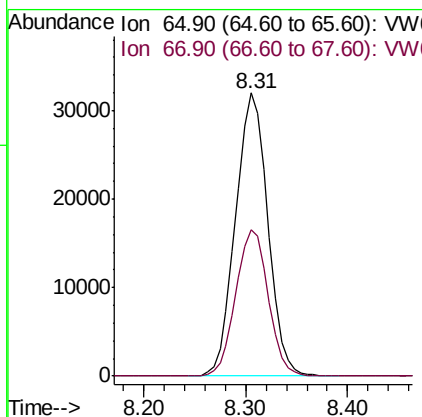
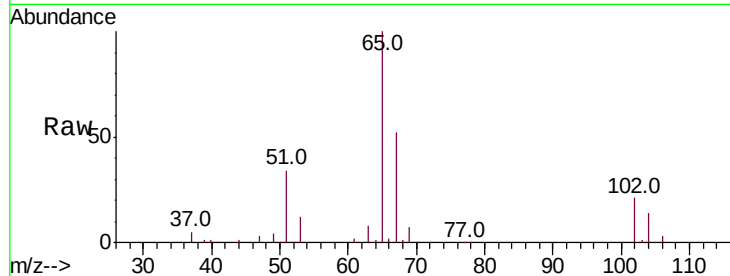




#33
 1,2-Dichloroethane-d4
 Concen: 59.079 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010495.D
 Acq: 21 May 2019 18:43

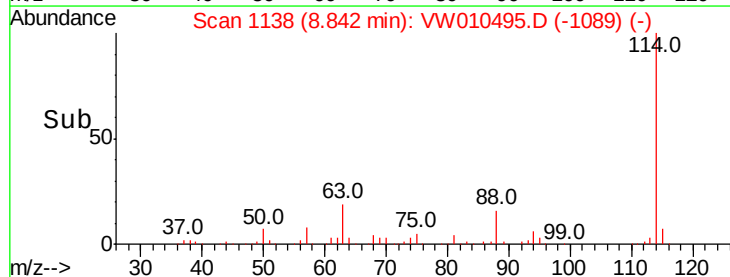
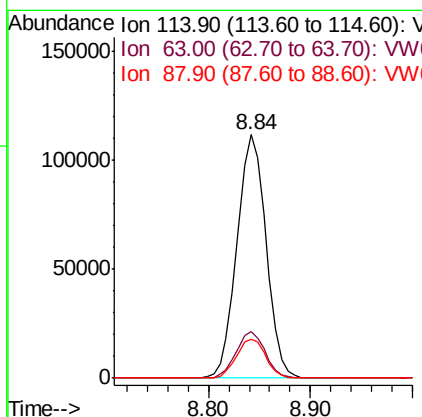
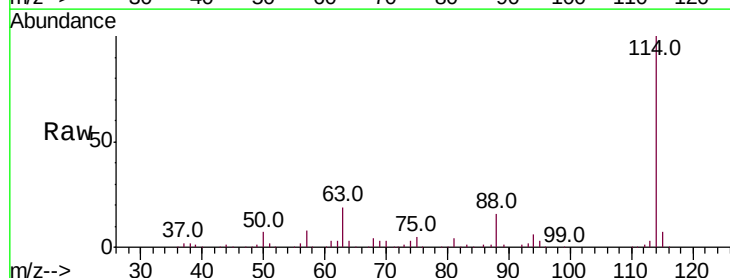
Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-2A-G-8-052019

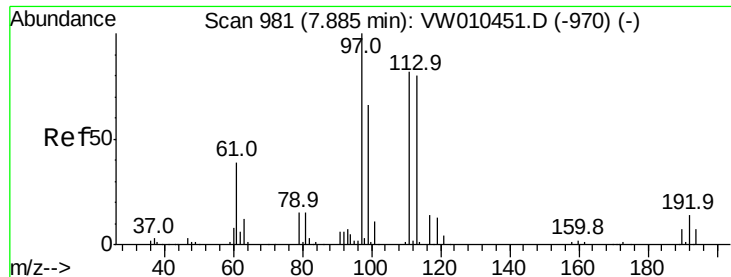
Tot Ion: 65 Resp: 70347
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010495.D
 Acq: 21 May 2019 18:43

Tgt Ion: 114 Resp: 220329
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 36.0
 88 15.7 0.0 32.0





#35

Dibromofluoromethane

Concen: 51.237 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010495.D

Acq: 21 May 2019 18:43

Instrument :

MSVOA_W

ClientSampleId :

SUP-2A-G-8-052019

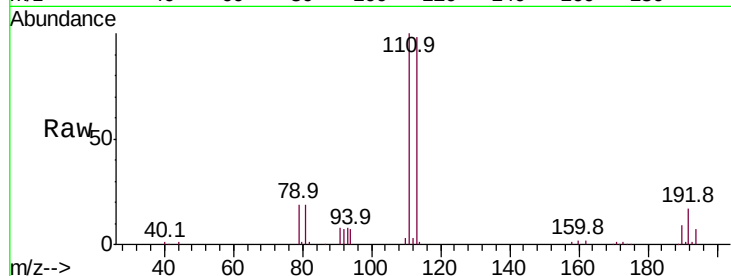
Tot Ion:113 Resp: 68500

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

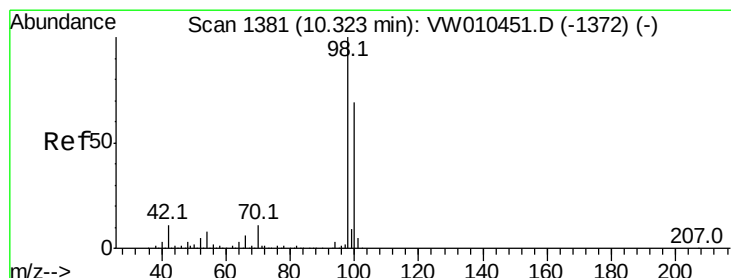
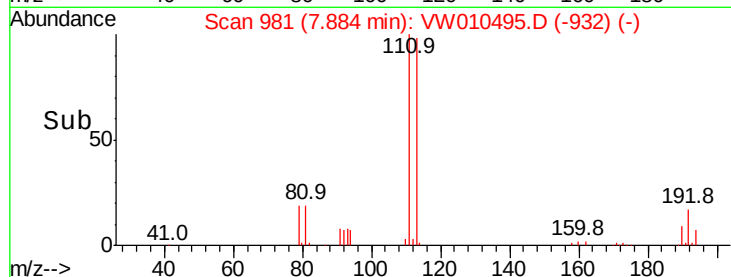
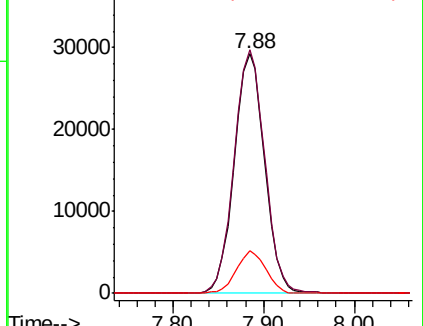
192 17.2 14.3 21.5



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: 52.900 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010495.D

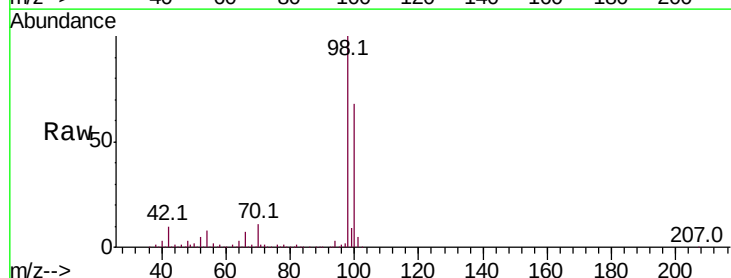
Acq: 21 May 2019 18:43

Tgt Ion: 98 Resp: 270176

Ion Ratio Lower Upper

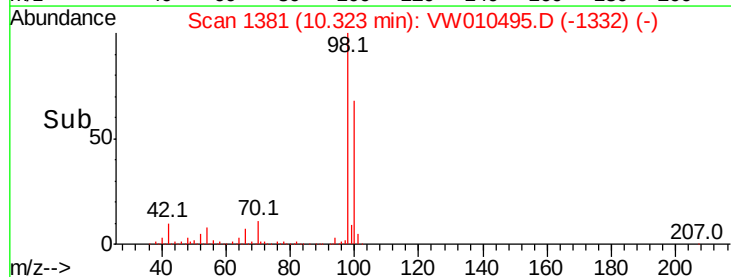
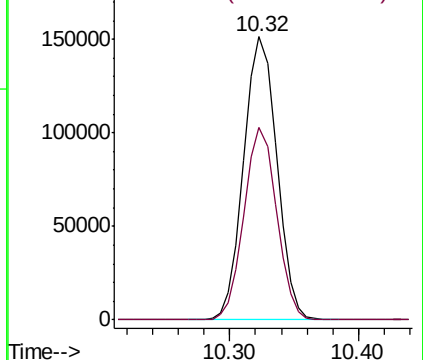
98 100

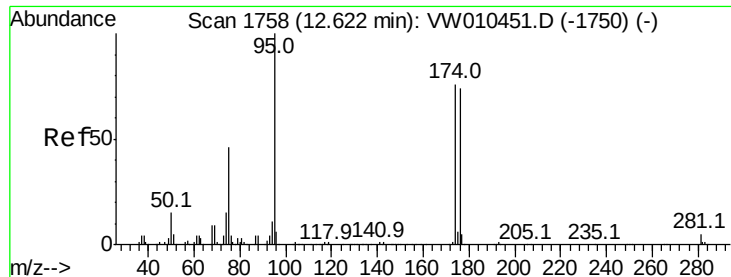
100 66.8 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

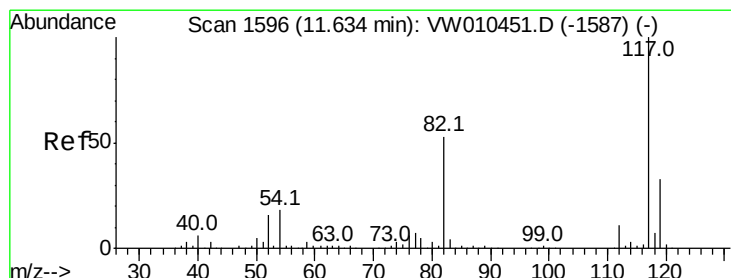
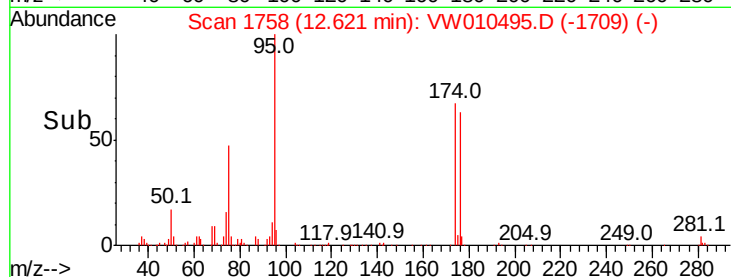
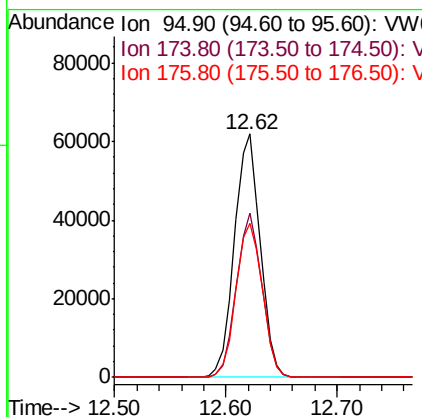
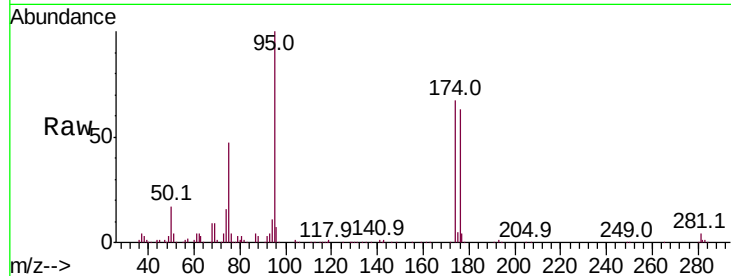




#62
4-Bromofluorobenzene
Concen: 48.746 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010495.D
Acq: 21 May 2019 18:43

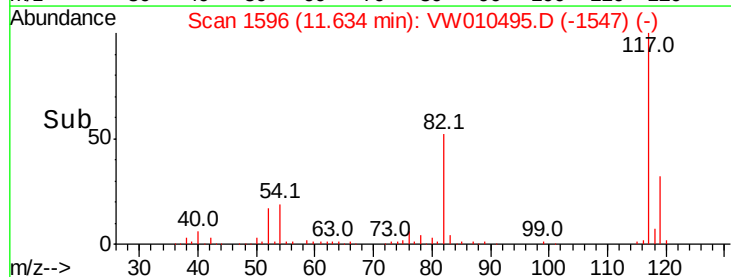
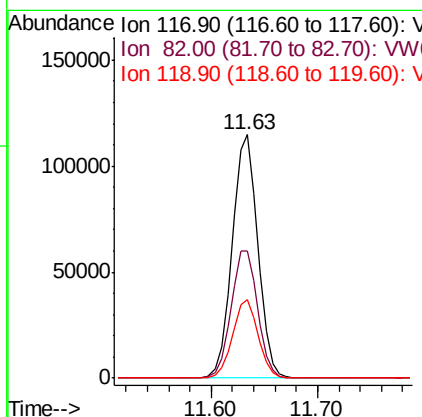
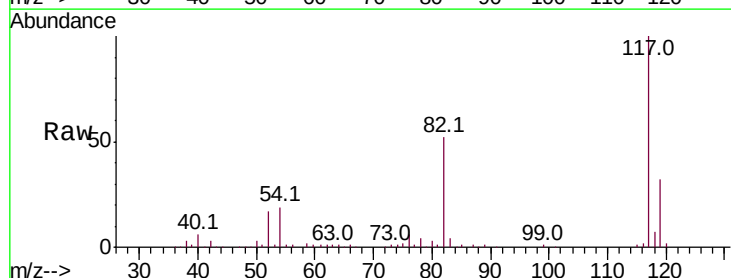
Instrument :
MSVOA_W
ClientSampleId :
SUP-2A-G-8-052019

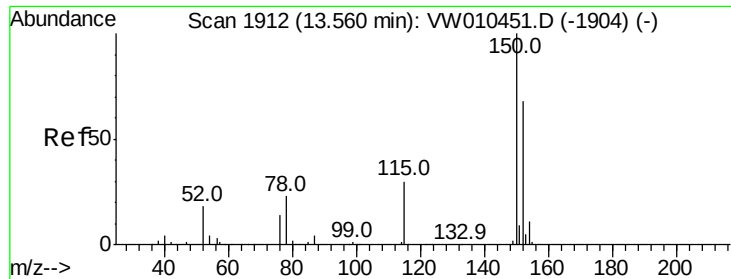
Tot Ion	Ratio	Lower	Upper
95	100		
174	66.5	0.0	148.6
176	64.8	0.0	144.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010495.D
Acq: 21 May 2019 18:43

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.3	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: VW010495.D

Acq: 21 May 2019 18:43

Instrument :

MSVOA_W

ClientSampleId :

SUP-2A-G-8-052019

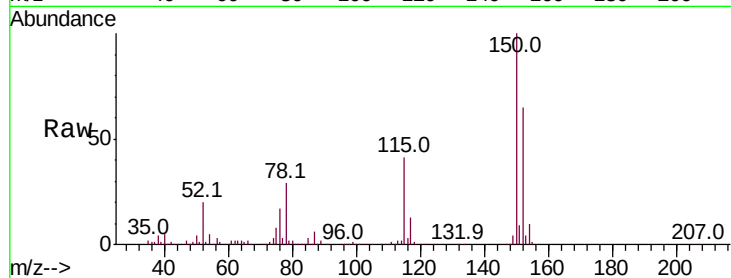
Tot Ion:152 Resp: 83144

Ion Ratio Lower Upper

152 100

115 64.1 30.3 91.0

150 157.7 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

