

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060519\
 Data File : VW010693.D
 Acq On : 05 Jun 2019 15:38
 Operator : SY/VA
 Sample : K3163-03
 Misc : 7.53G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-02-060419-B

Quant Time: Jun 06 07:53:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

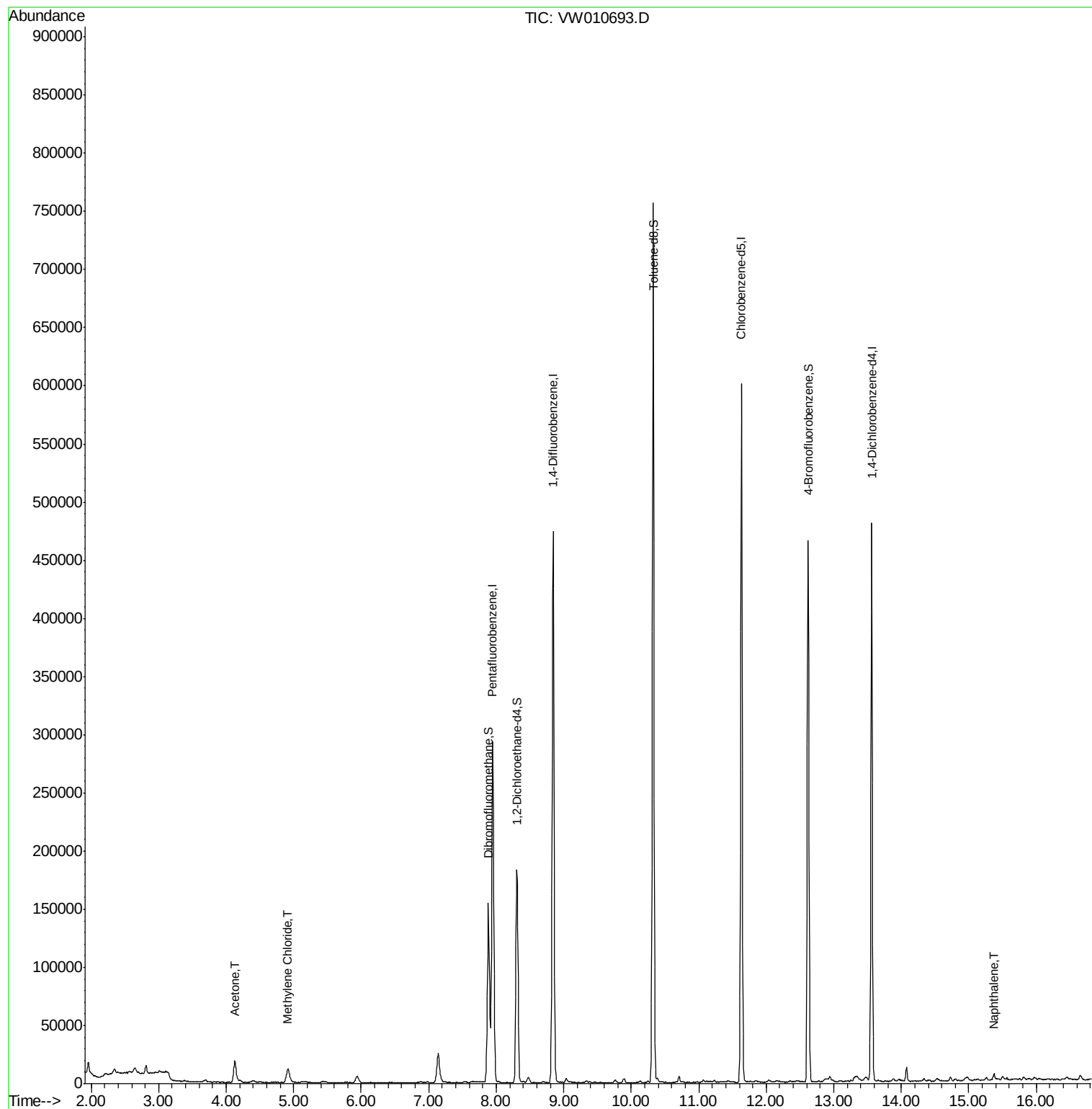
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	213289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	367260	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	304934	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	116484	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	144693	57.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.12%	
35) Dibromofluoromethane	7.88	113	108146	54.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.50%	
50) Toluene-d8	10.32	98	466903	53.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.82%	
62) 4-Bromofluorobenzene	12.62	95	152184	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
Target Compounds						
16) Acetone	4.13	43	32953	48.920	ug/l	97
20) Methylene Chloride	4.92	84	8088	3.423	ug/l	94
95) Naphthalene	15.38	128	4594	1.087	ug/l	97

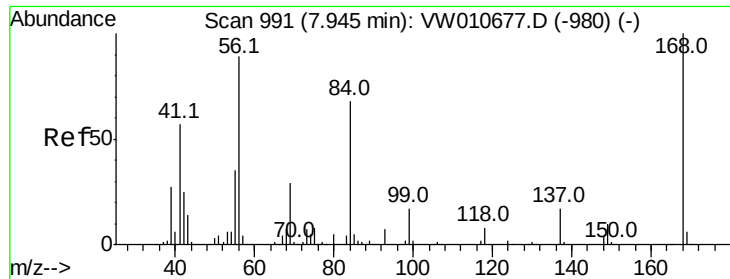
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010693.D

Acq: 05 Jun 2019 15:38

Instrument :

MSVOA_W

ClientSampleId :

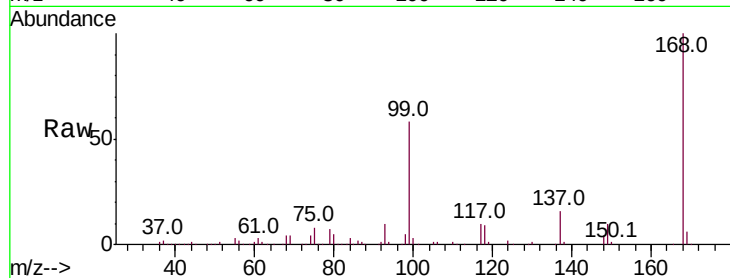
SU-02-060419-B

Tot Ion:168 Resp: 213289

Ion Ratio Lower Upper

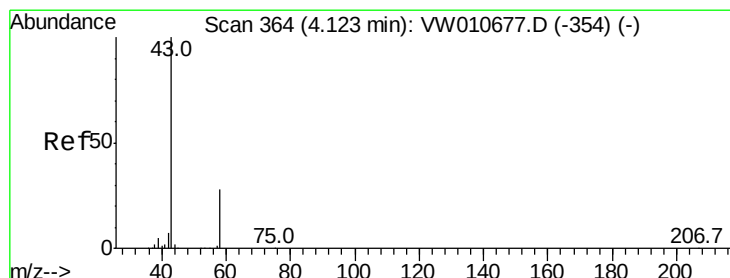
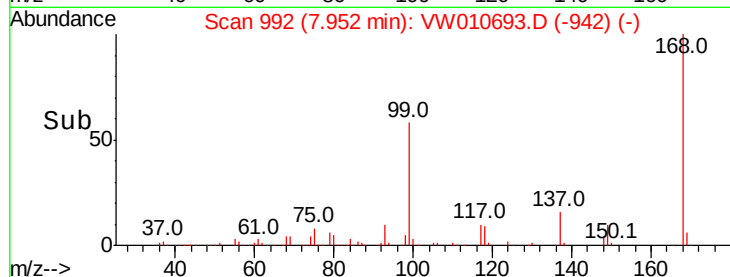
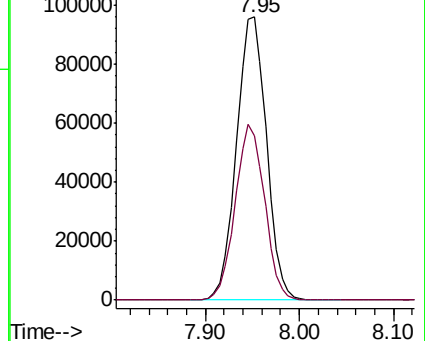
168 100

99 58.0 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 48.920 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010693.D

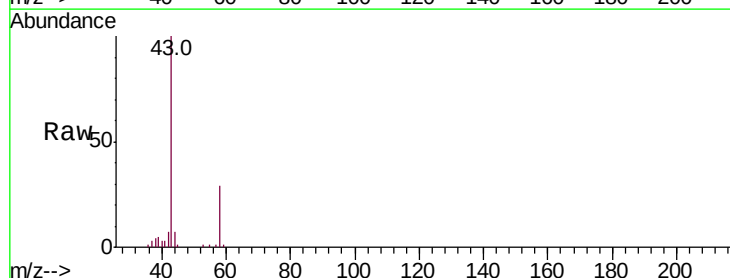
Acq: 05 Jun 2019 15:38

Tgt Ion: 43 Resp: 32953

Ion Ratio Lower Upper

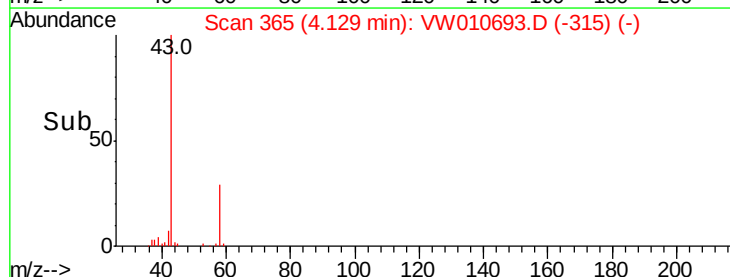
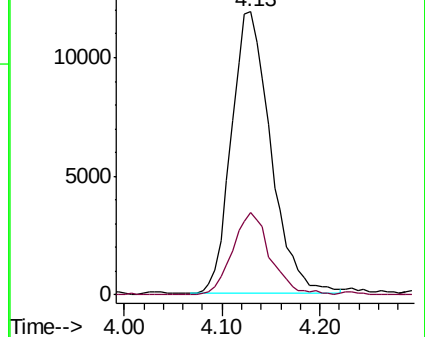
43 100

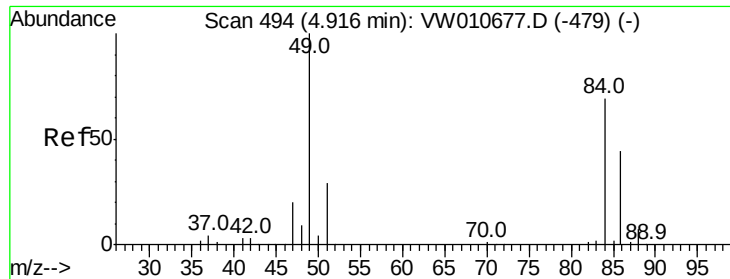
58 29.2 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

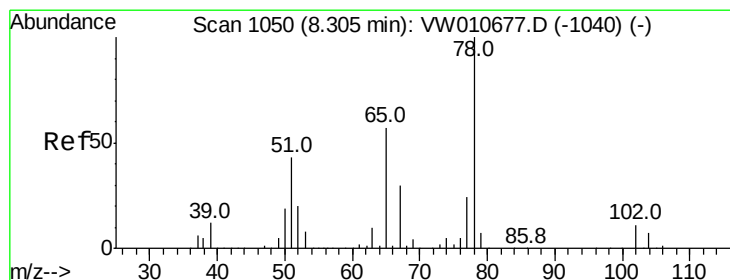
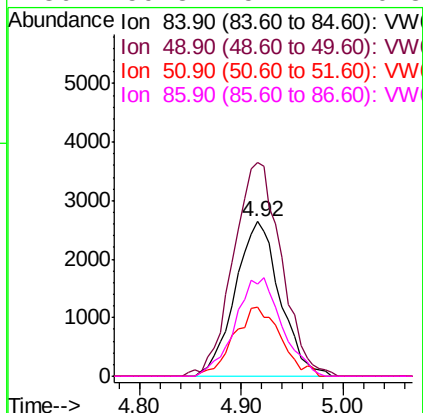
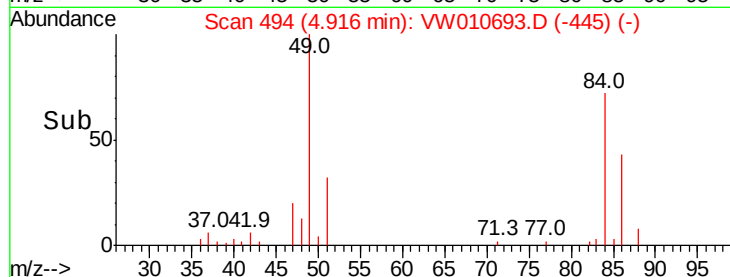
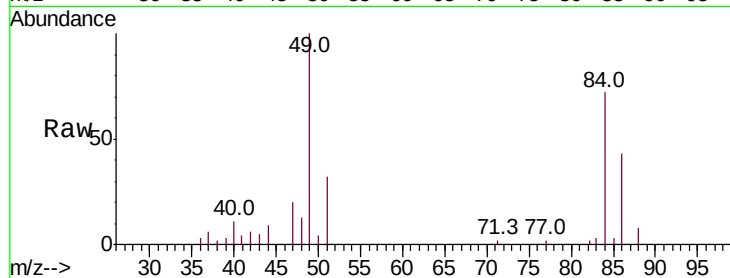




#20
Methylene Chloride
Concen: 3.423 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010693.D
Acq: 05 Jun 2019 15:38

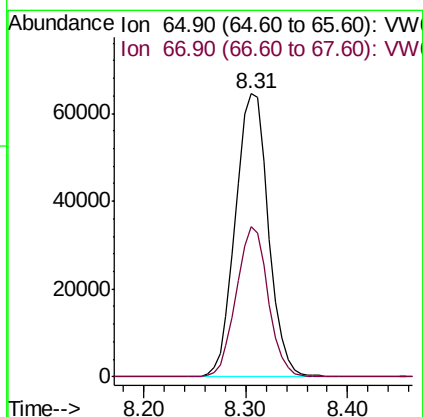
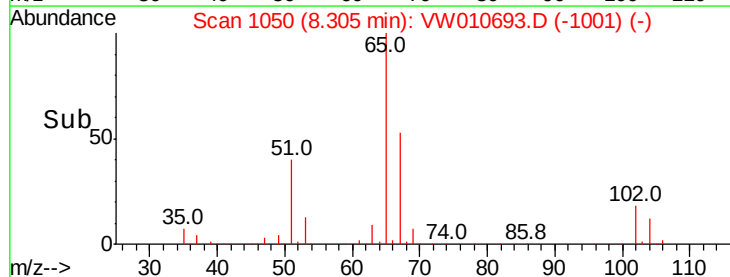
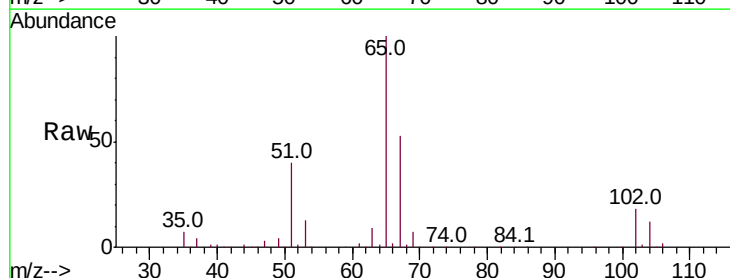
Instrument :
MSVOA_W
ClientSampleId :
SU-02-060419-B

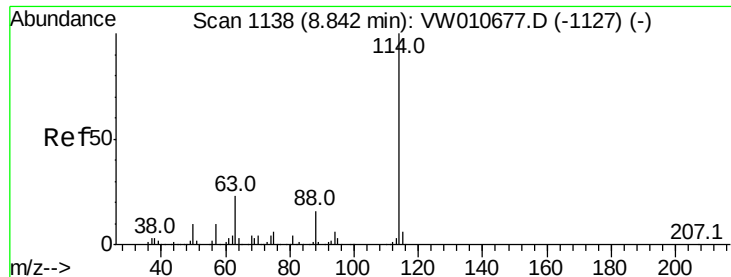
Tot Ion: 84 Resp: 8088
Ion Ratio Lower Upper
84 100
49 137.9 116.7 175.1
51 44.7 34.2 51.2
86 59.8 51.2 76.8



#33
1,2-Dichloroethane-d4
Concen: 57.556 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW010693.D
Acq: 05 Jun 2019 15:38

Tgt Ion: 65 Resp: 144693
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.6

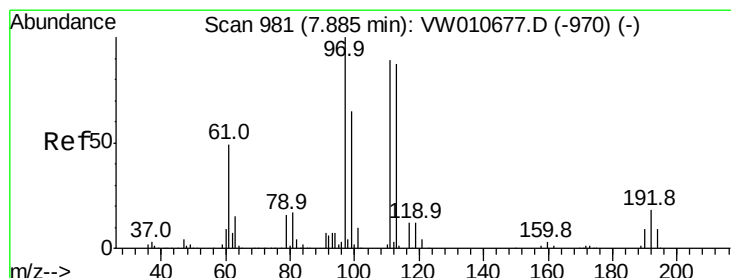
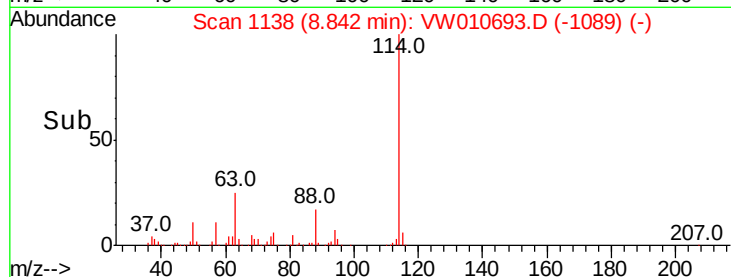
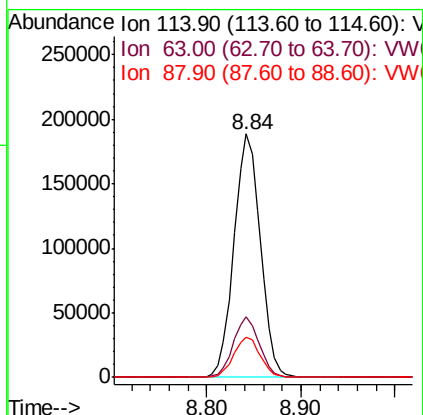
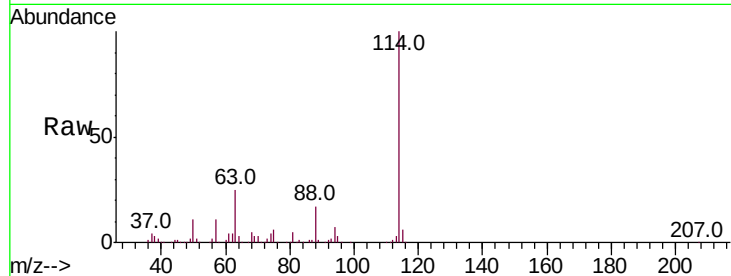




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010693.D
 Acq: 05 Jun 2019 15:38

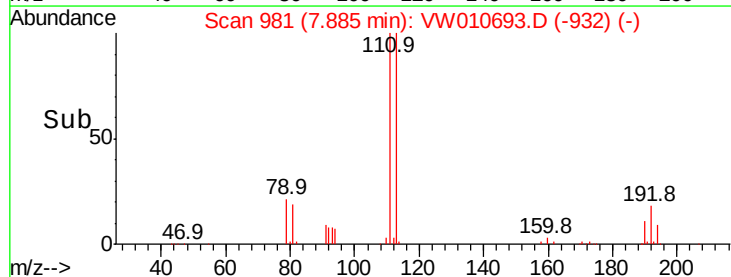
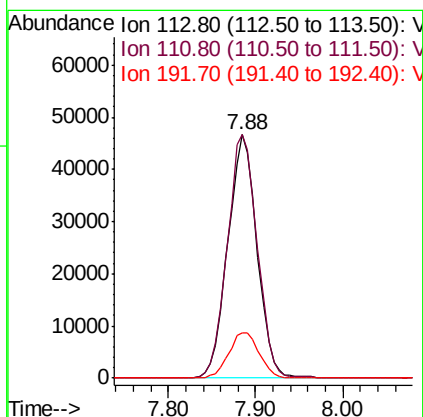
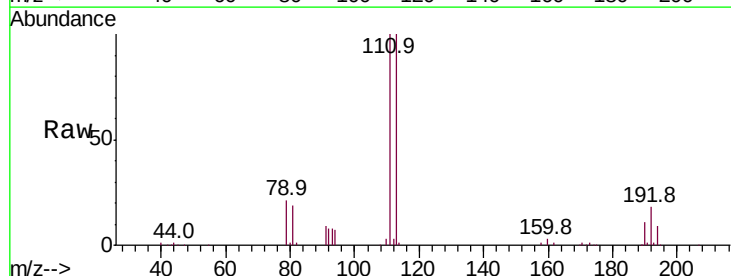
Instrument :
 MSVOA_W
 ClientSampleId :
 SU-02-060419-B

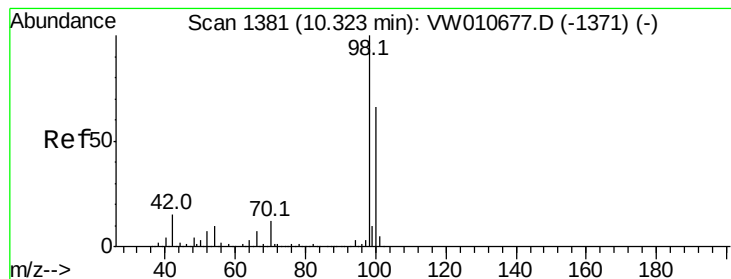
Tot Ion	Ratio	Lower	Upper
114	100		
63	25.1	0.0	46.4
88	16.7	0.0	32.2



#35
 Dibromofluoromethane
 Concen: 54.252 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW010693.D
 Acq: 05 Jun 2019 15:38

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	123.8
192	19.4	16.4	24.6





#50

Toluene-d8

Concen: 53.413 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010693.D

Acq: 05 Jun 2019 15:38

Instrument :

MSVOA_W

ClientSampleId :

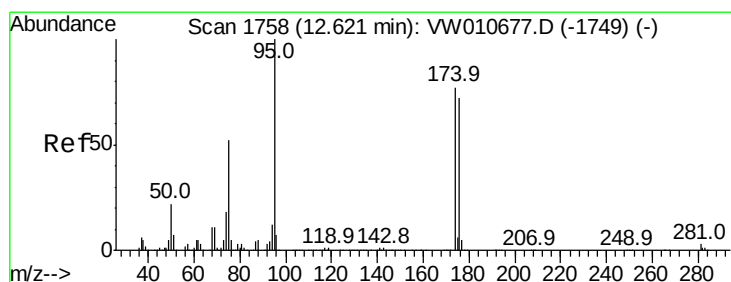
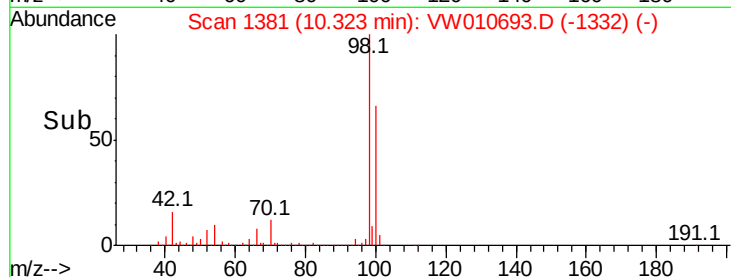
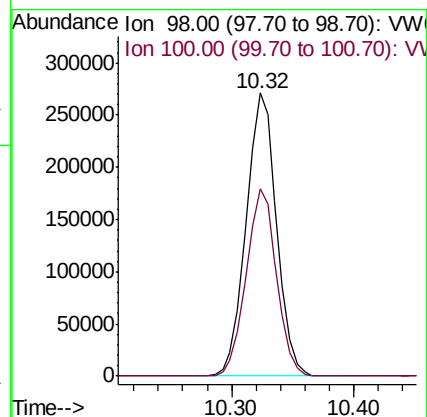
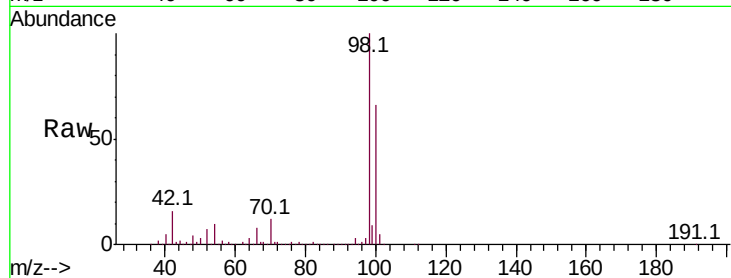
SU-02-060419-B

Tot Ion: 98 Resp: 466903

Ion Ratio Lower Upper

98 100

100 65.9 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 47.844 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010693.D

Acq: 05 Jun 2019 15:38

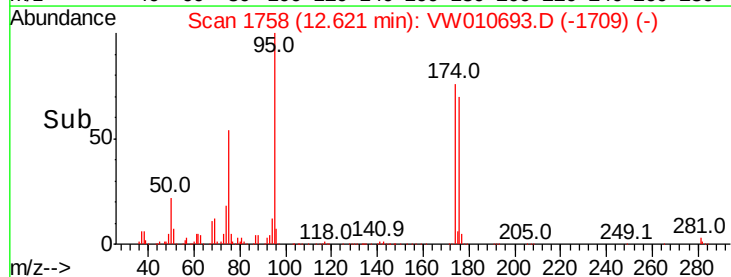
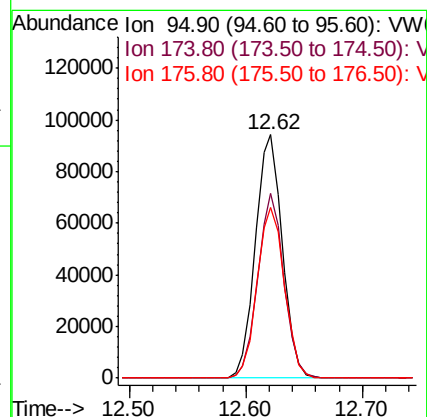
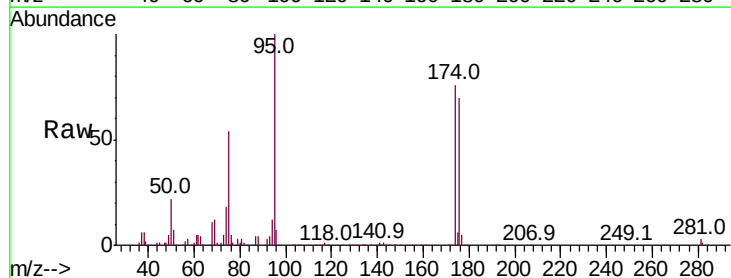
Tgt Ion: 95 Resp: 152184

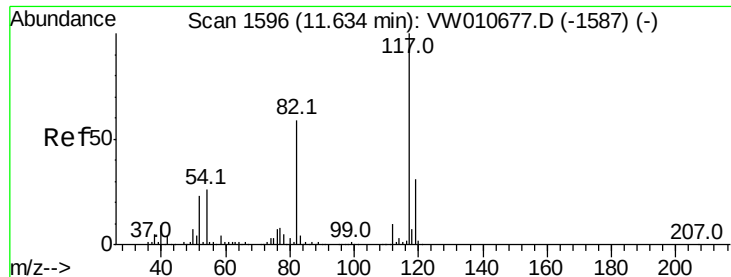
Ion Ratio Lower Upper

95 100

174 73.6 0.0 150.4

176 71.2 0.0 144.8

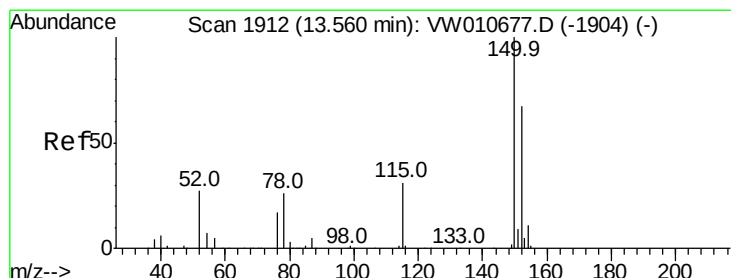
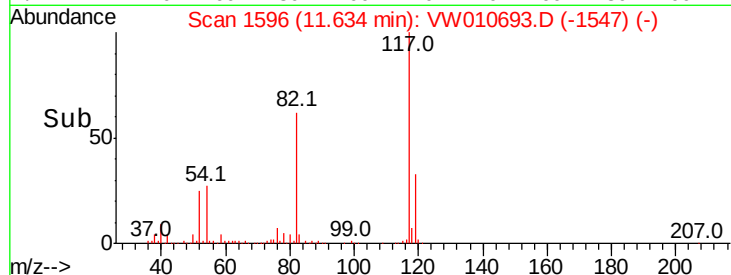
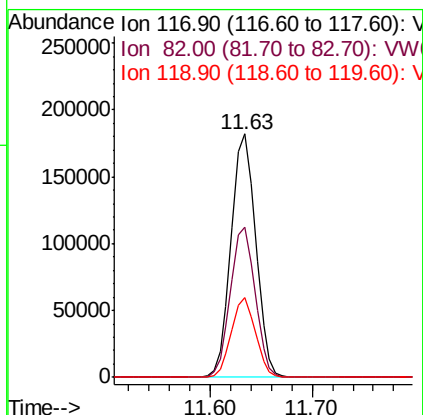
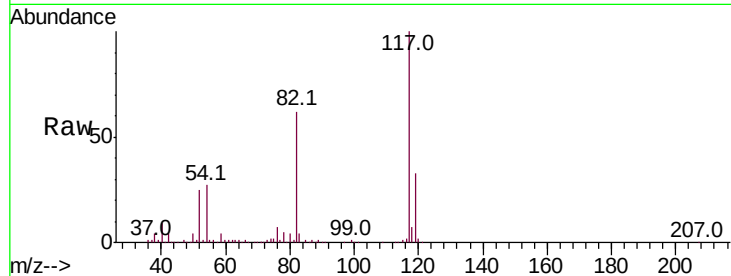




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010693.D
Acq: 05 Jun 2019 15:38

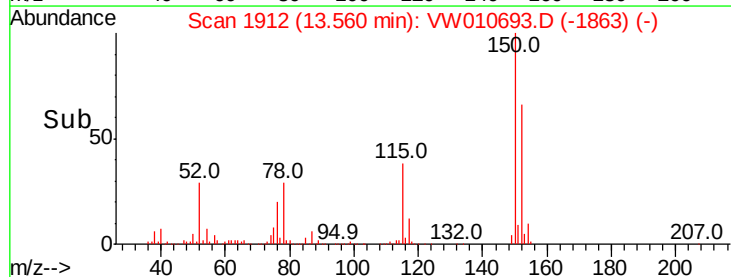
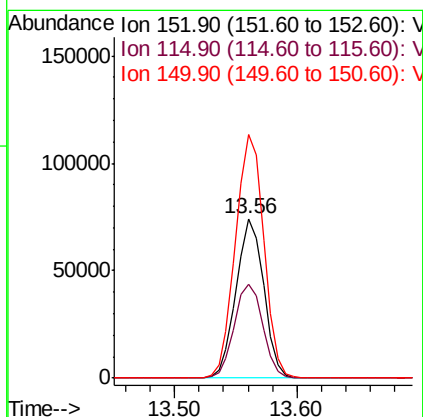
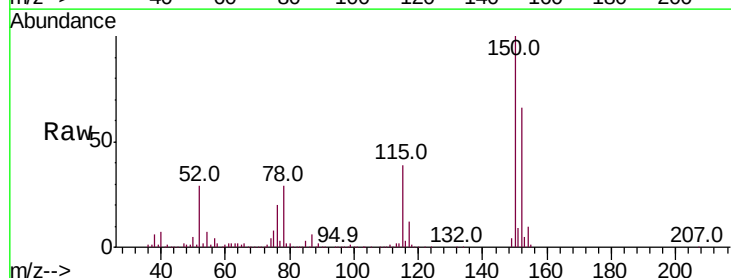
Instrument :
MSVOA_W
ClientSampleId :
SU-02-060419-B

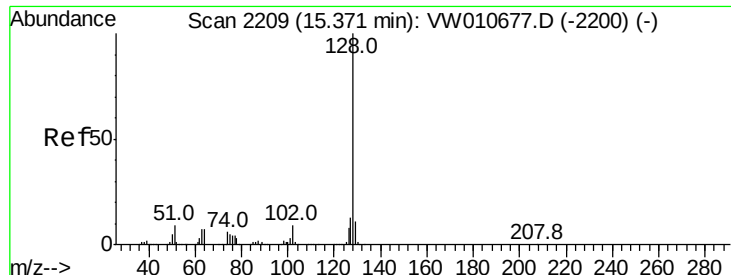
Tot Ion:117 Resp: 304934
Ion Ratio Lower Upper
117 100
82 61.8 47.0 70.4
119 32.9 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW010693.D
Acq: 05 Jun 2019 15:38

Tgt Ion:152 Resp: 116484
Ion Ratio Lower Upper
152 100
115 60.7 29.8 89.3
150 156.2 0.0 345.0





#95

Naphthalene

Concen: 1.087 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VW010693.D

Acq: 05 Jun 2019 15:38

Instrument :

MSVOA_W

ClientSampleId :

SU-02-060419-B

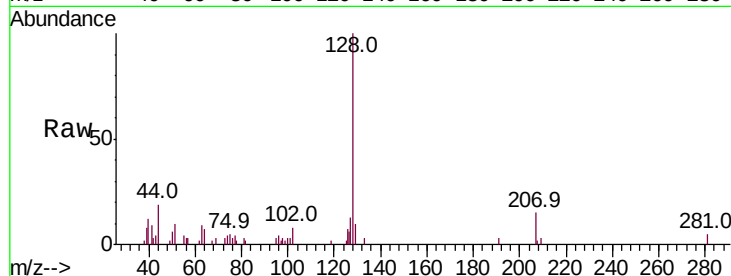
Tot Ion:128 Resp: 4594

Ion Ratio Lower Upper

128 100

127 14.6 10.6 15.8

129 10.3 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

