

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060519\
 Data File : VW010688.D
 Acq On : 05 Jun 2019 13:21
 Operator : SY/VA
 Sample : K3182-01
 Misc : 5.08G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-06-2.5-3.0

Quant Time: Jun 06 07:41:16 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

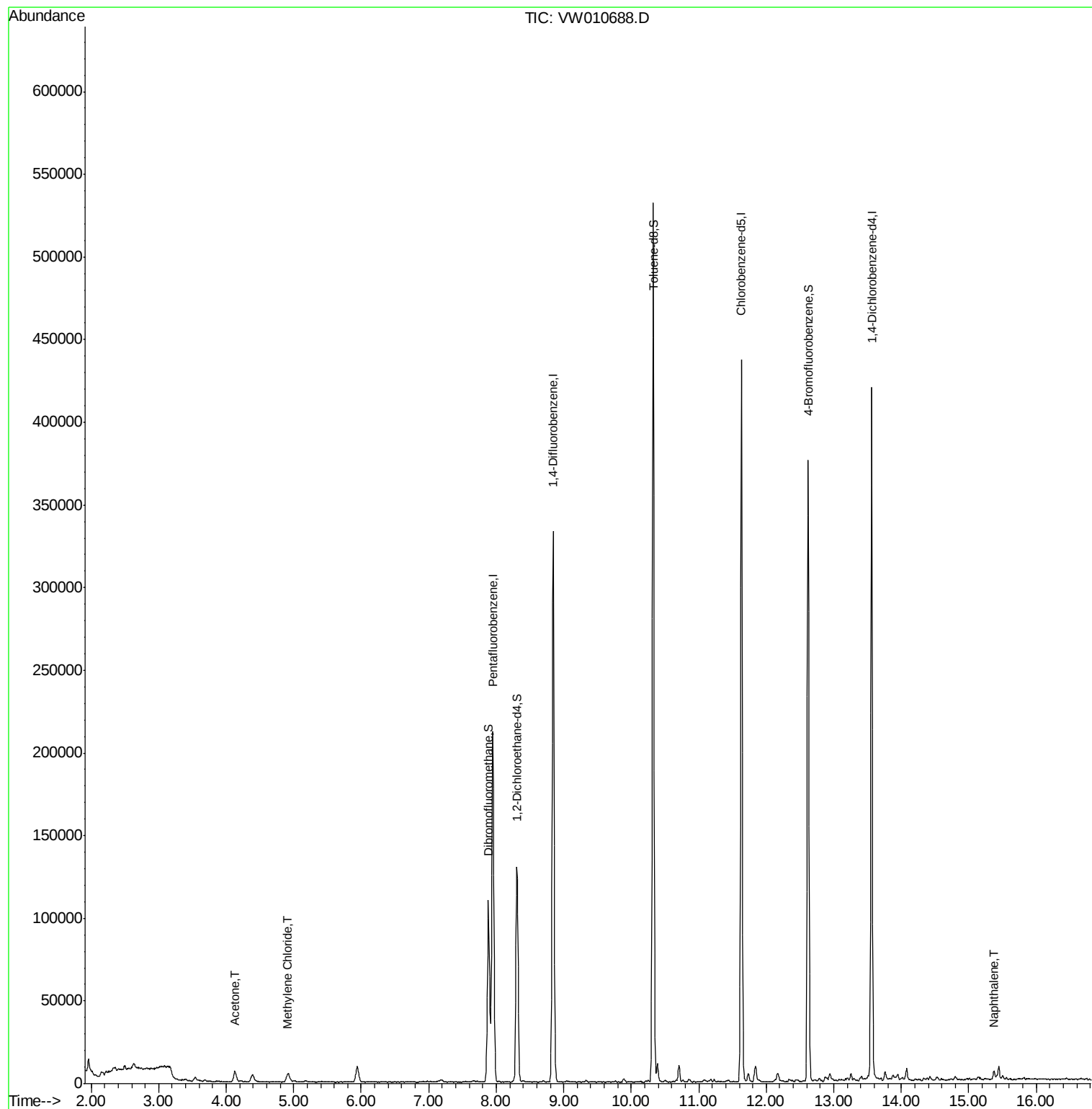
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	154529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	264583	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	229994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	100020	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	103533	56.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.68%	
35) Dibromofluoromethane	7.88	113	78067	54.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.72%	
50) Toluene-d8	10.32	98	340687	54.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.20%	
62) 4-Bromofluorobenzene	12.62	95	117943	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
Target Compounds						
16) Acetone	4.13	43	13240	27.129	ug/l	92
20) Methylene Chloride	4.92	84	3408	1.991	ug/l	95
95) Naphthalene	15.36	128	4462	1.230	ug/l	98

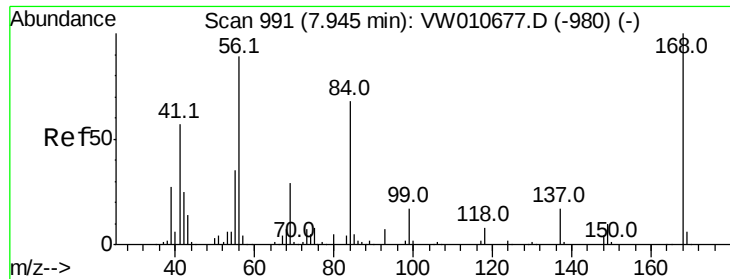
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW010688.D

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MSVOA_W

ClientSampleId :

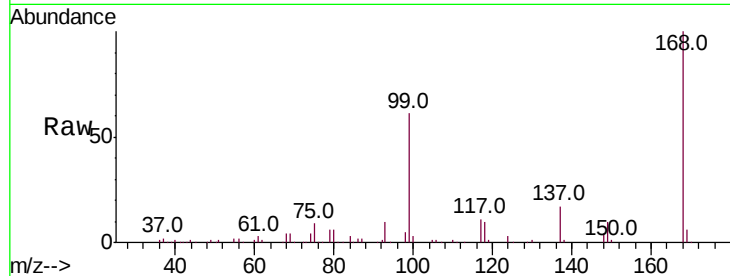
B-06-2.5-3.0

Tot Ion:168 Resp: 154529

Ion Ratio Lower Upper

168 100

99 60.9 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

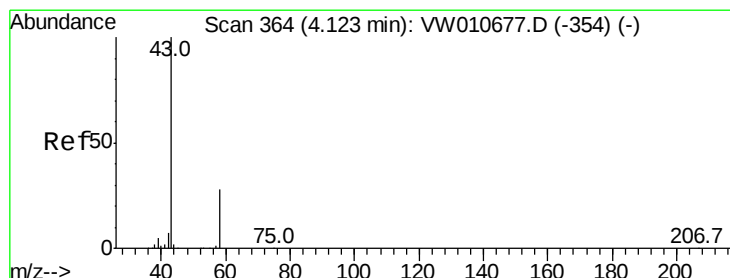
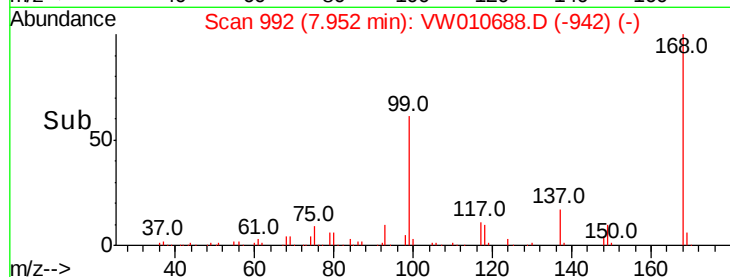
40000

20000

0

Time-->

7.90 8.00



#16

Acetone

Concen: 27.129 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010688.D

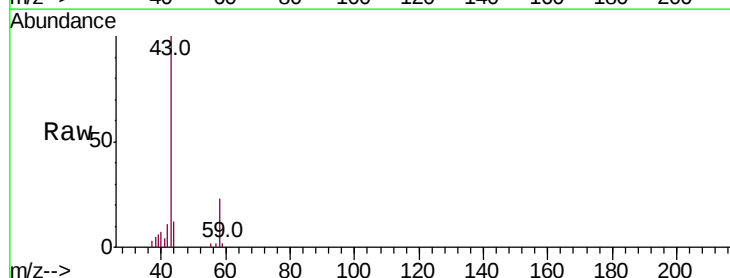
Acq: 05 Jun 2019 13:21

Tgt Ion: 43 Resp: 13240

Ion Ratio Lower Upper

43 100

58 23.3 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

5000

4000

3000

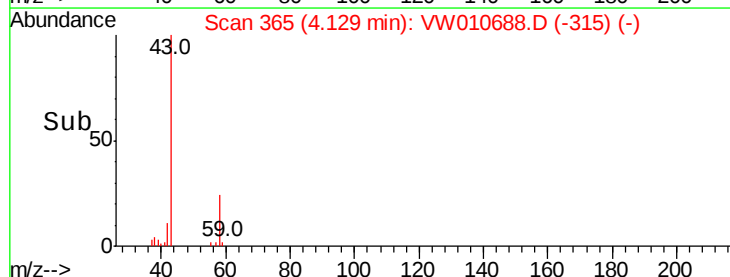
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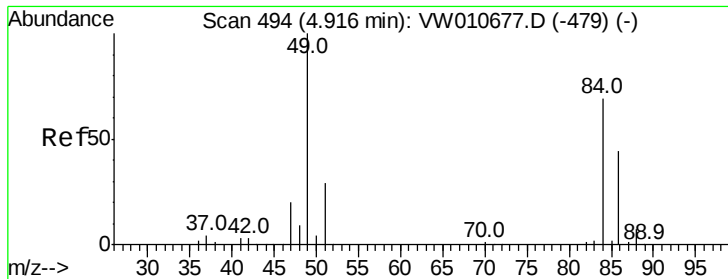
1000

0

Time-->

4.00 4.10 4.20 4.30

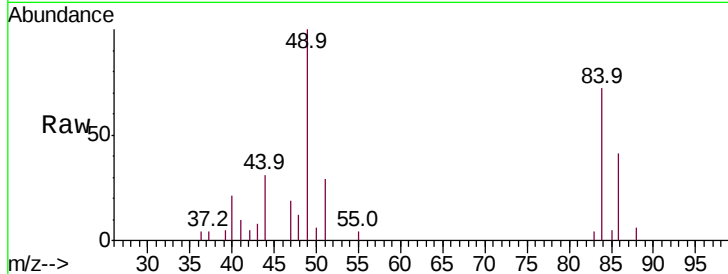




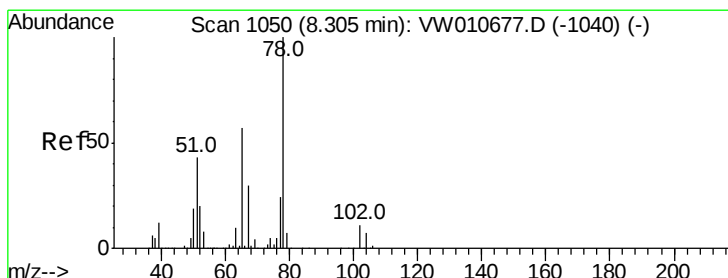
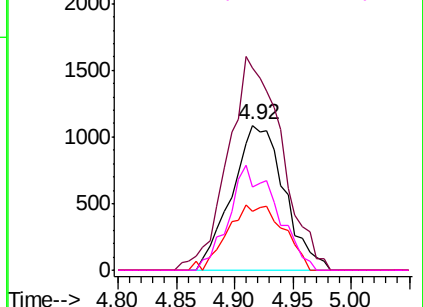
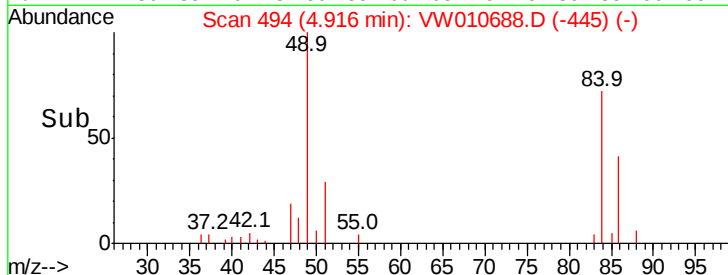
#20
Methvlene Chloride
Concen: 1.991 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010688.D
Acq: 05 Jun 2019 13:21

Instrument :
MSVOA_W
ClientSampled :
B-06-2.5-3.0

Tot Ion: 84 Resp: 3408
Ion Ratio Lower Upper
84 100
49 139.7 116.7 175.1
51 40.8 34.2 51.2
86 57.6 51.2 76.8

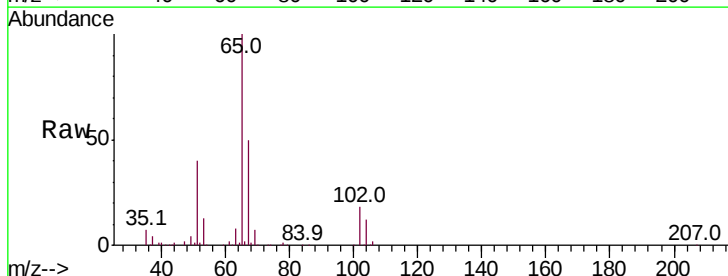


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

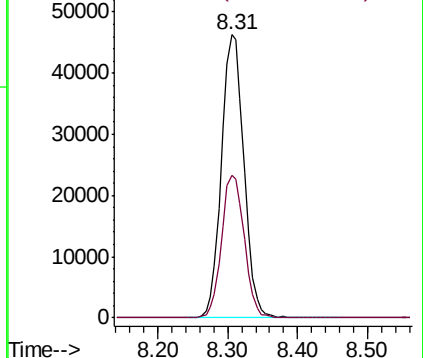
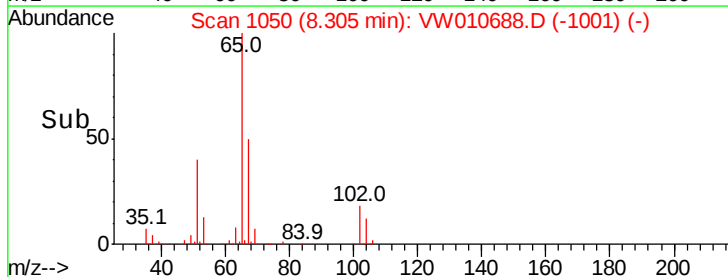


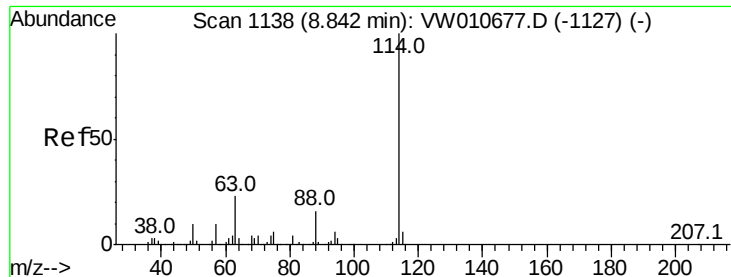
#33
1,2-Dichloroethane-d4
Concen: 56.843 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW010688.D
Acq: 05 Jun 2019 13:21

Tgt Ion: 65 Resp: 103533
Ion Ratio Lower Upper
65 100
67 50.9 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

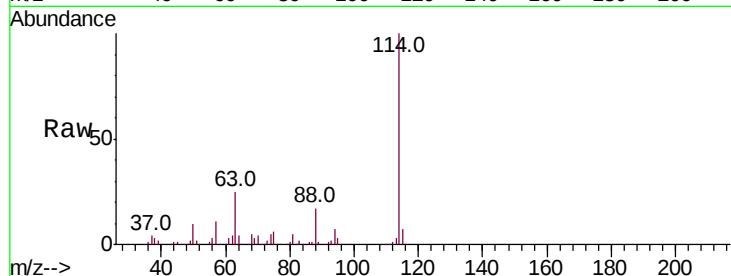




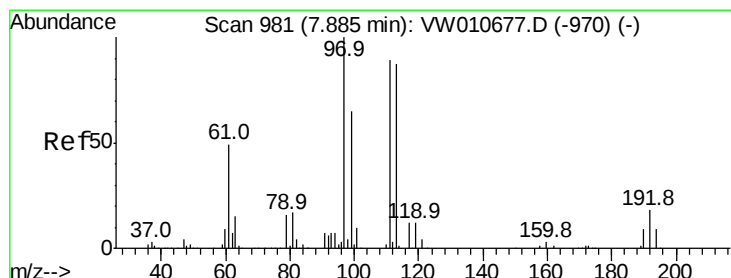
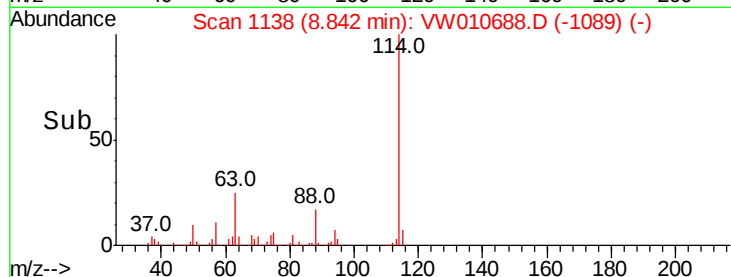
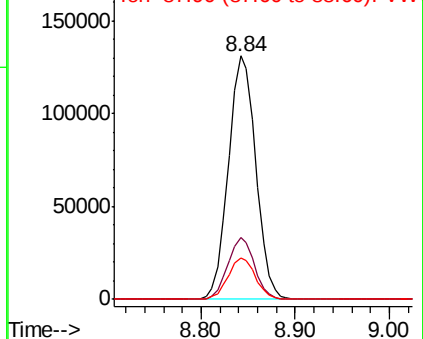
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010688.D
 Acq: 05 Jun 2019 13:21

Instrument :
 MSVOA_W
 ClientSampleId :
 B-06-2.5-3.0

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.3	0.0	46.4
88	17.1	0.0	32.2

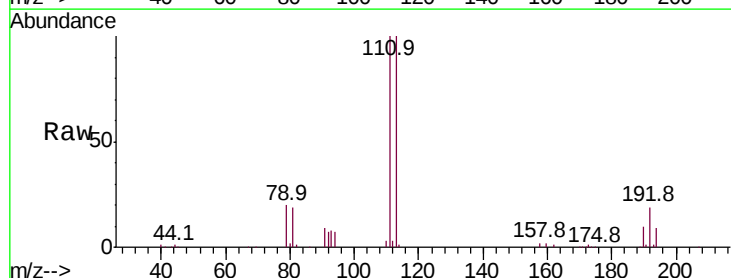


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

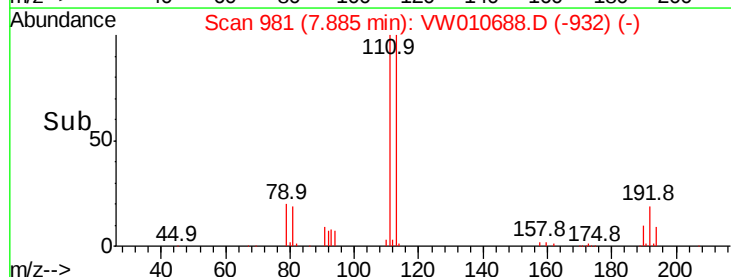
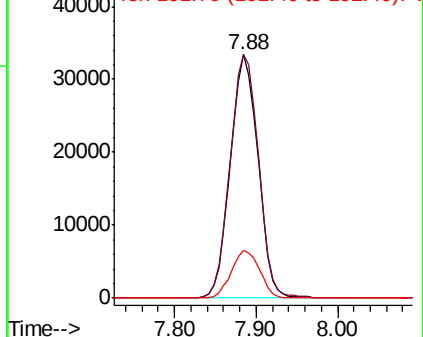


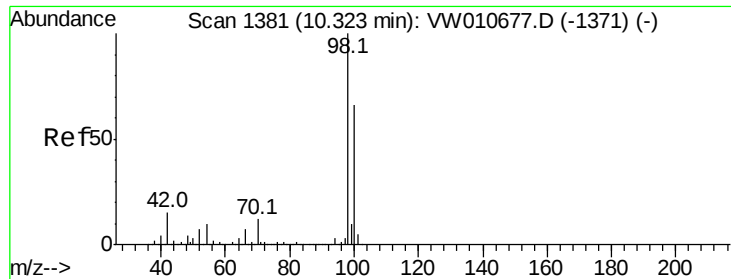
#35
 Dibromofluoromethane
 Concen: 54.360 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW010688.D
 Acq: 05 Jun 2019 13:21

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	123.8
192	20.1	16.4	24.6



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: 54.099 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010688.D

Acq: 05 Jun 2019 13:21

Instrument :

MSVOA_W

ClientSampleId :

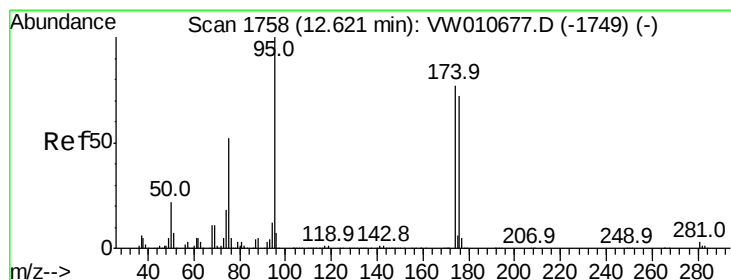
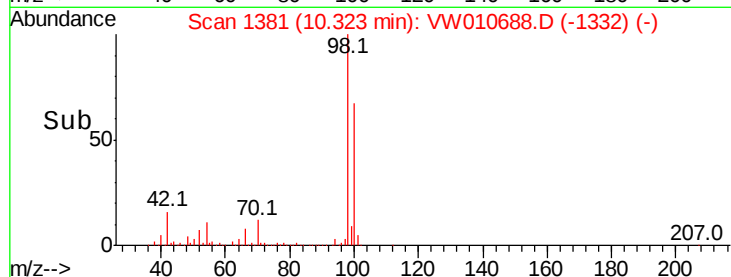
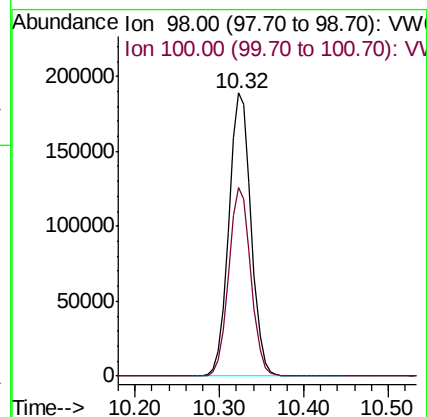
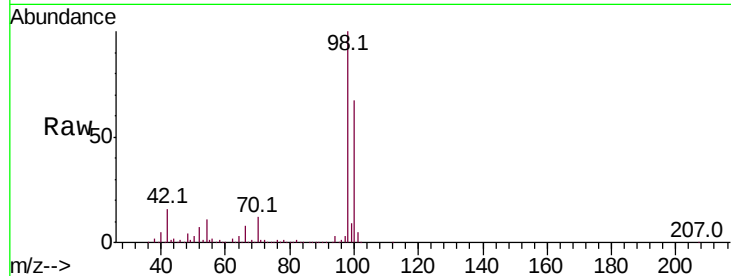
B-06-2.5-3.0

Tot Ion: 98 Resp: 340687

Ion Ratio Lower Upper

98 100

100 66.4 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 51.468 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010688.D

Acq: 05 Jun 2019 13:21

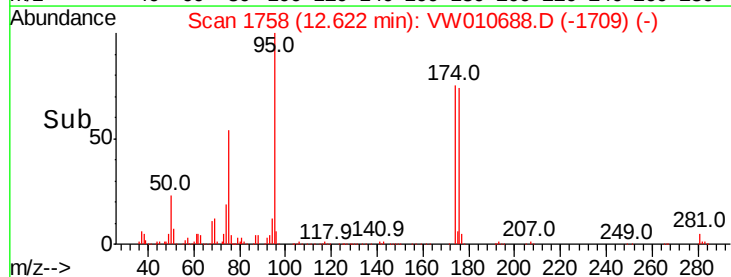
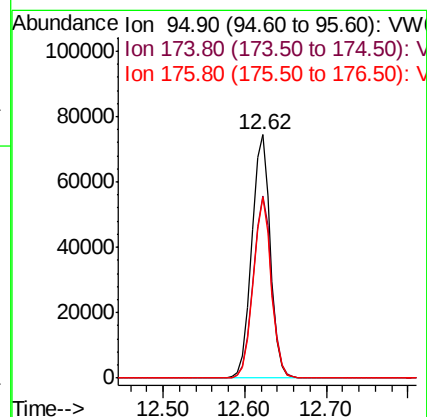
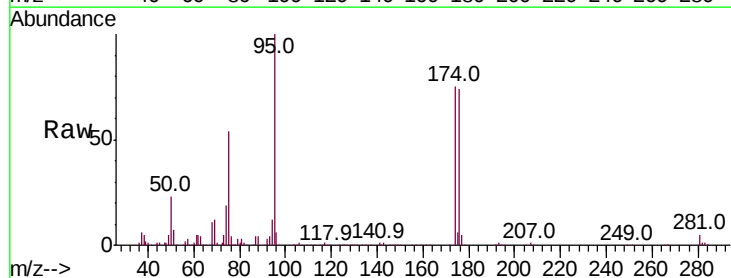
Tgt Ion: 95 Resp: 117943

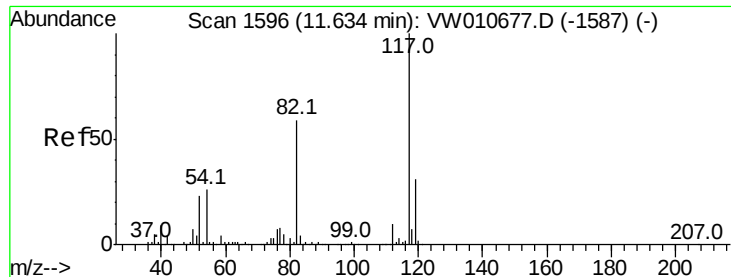
Ion Ratio Lower Upper

95 100

174 74.4 0.0 150.4

176 72.1 0.0 144.8

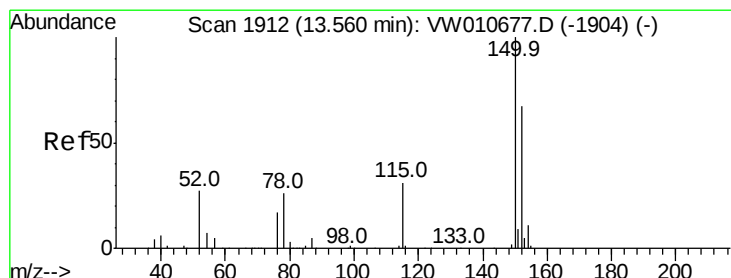
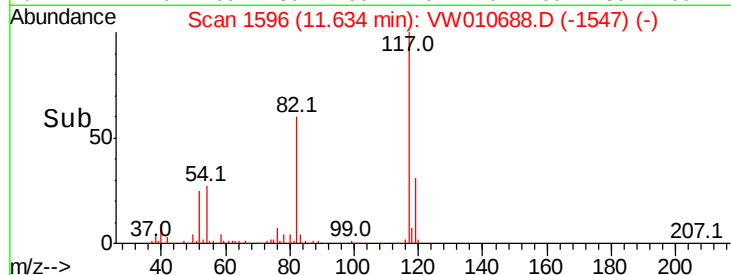
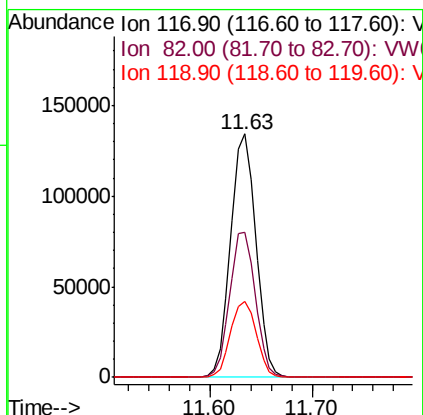
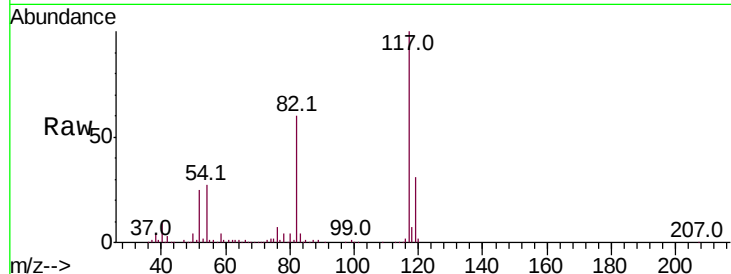




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010688.D
Acq: 05 Jun 2019 13:21

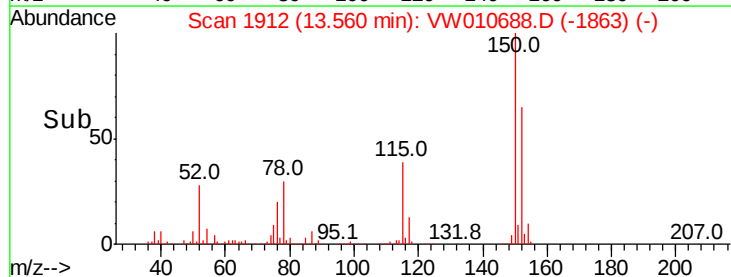
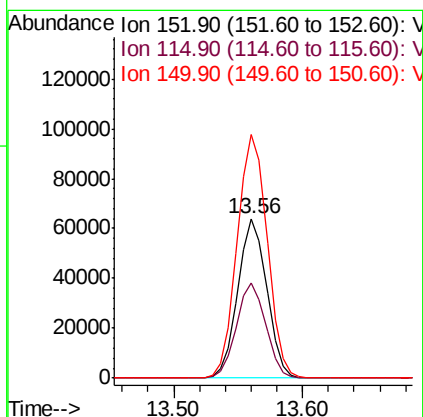
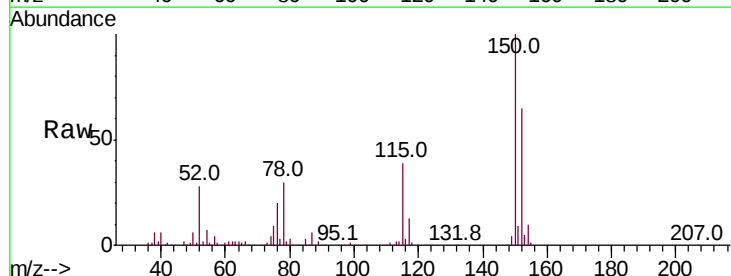
Instrument :
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B-06-2.5-3.0

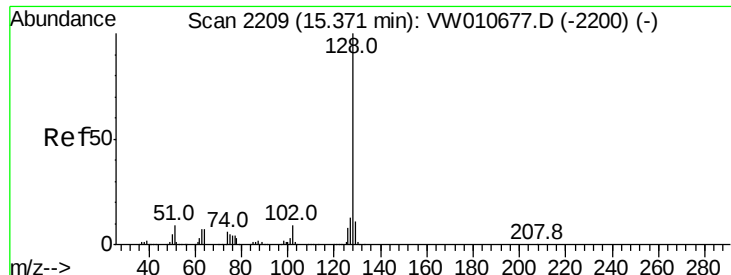
Tot Ion:117 Resp: 229994
Ion Ratio Lower Upper
117 100
82 59.6 47.0 70.4
119 31.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW010688.D
Acq: 05 Jun 2019 13:21

Tgt Ion:152 Resp: 100020
Ion Ratio Lower Upper
152 100
115 60.3 29.8 89.3
150 158.2 0.0 345.0





#95
Naphthalene
Concen: 1.230 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW010688.D
Acq: 05 Jun 2019 13:21

Instrument :
MSVOA_W
ClientSampleId :
B-06-2.5-3.0

Tot Ion:128 Resp: 4462
Ion Ratio Lower Upper
128 100
127 14.4 10.6 15.8
129 10.2 8.6 13.0

