

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083019\
 Data File : VW012348.D
 Acq On : 30 Aug 2019 14:25
 Operator : SY/VA
 Sample : K4620-10
 Misc : 6.04G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S501-K2-19.5-20.0-082919

Quant Time: Aug 30 16:55:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

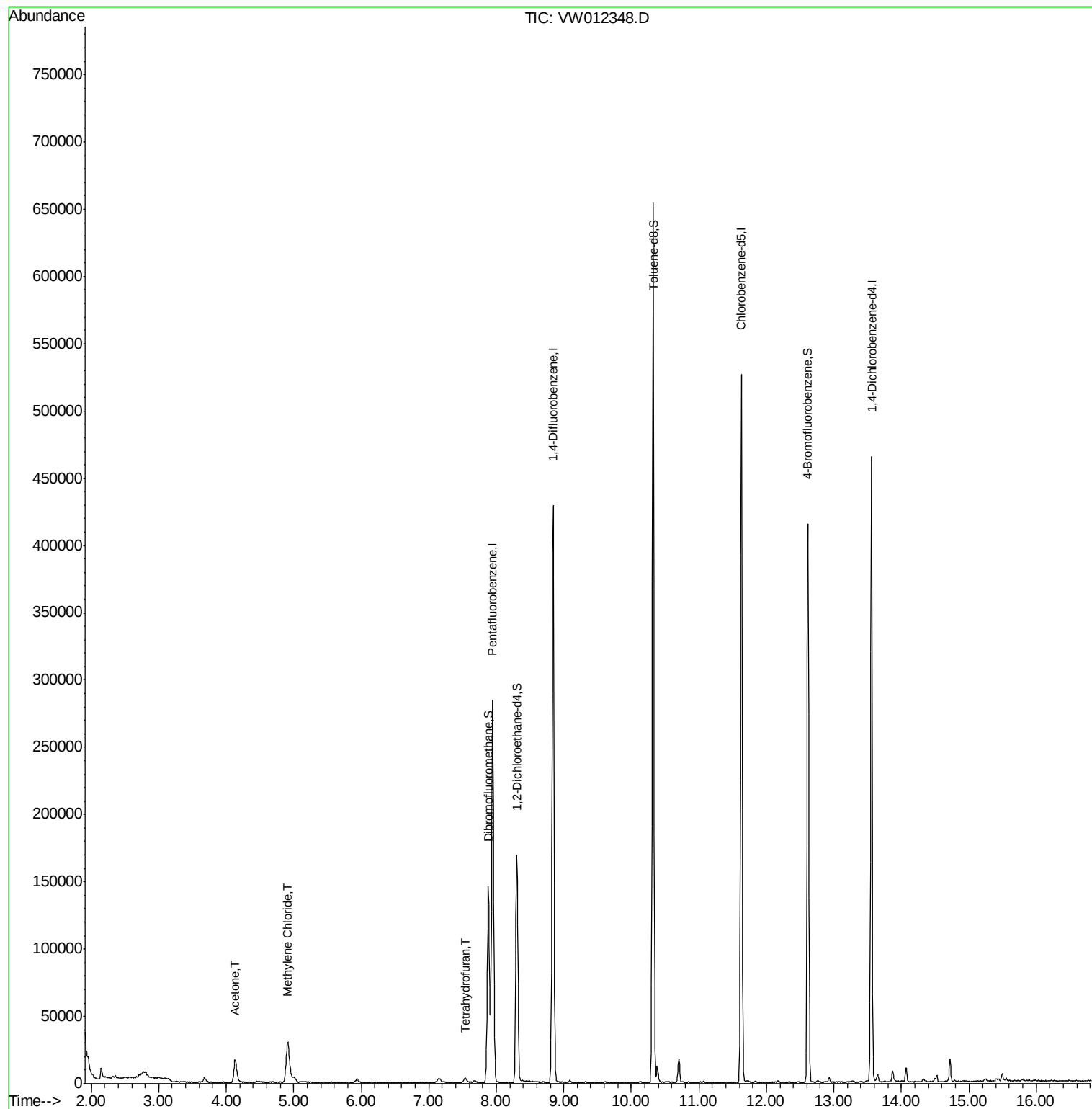
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	201738	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	333283	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	279998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	117330	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	135143	56.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.70%	
35) Dibromofluoromethane	7.88	113	103243	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
50) Toluene-d8	10.32	98	406448	50.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.78%	
62) 4-Bromofluorobenzene	12.62	95	133685	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.04%	
Target Compounds						
16) Acetone	4.14	43	34089	55.608	ug/l	98
20) Methylene Chloride	4.92	84	23854	10.293	ug/l	95
29) Tetrahydrofuran	7.54	42	3435	6.873	ug/l	96

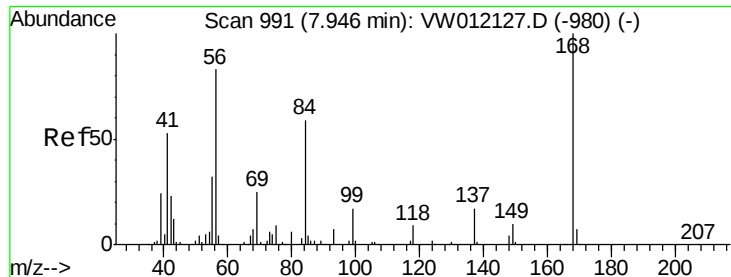
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW083019\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012348.D

Acq: 30 Aug 2019 14:25

Instrument :

MSVOA_W

ClientSampleId :

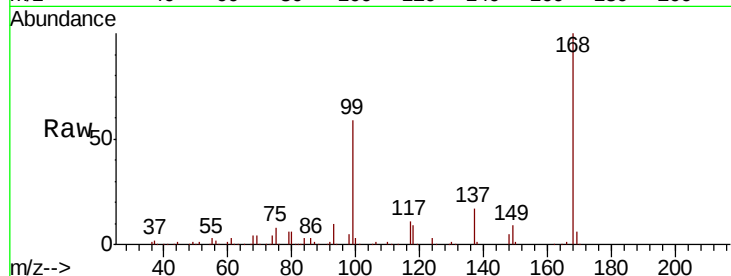
S501-K2-19.5-20.0-082919

Tot Ion:168 Resp: 201738

Ion Ratio Lower Upper

168 100

99 59.0 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

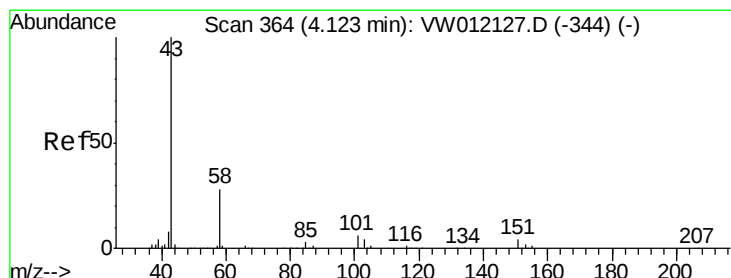
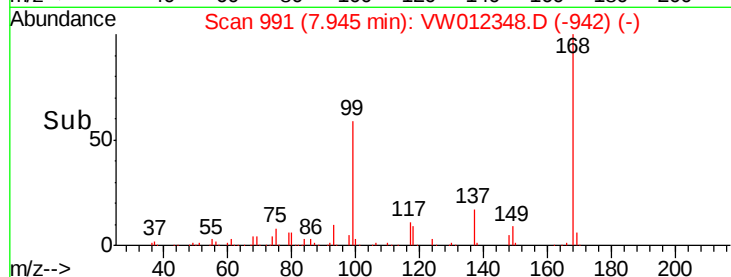
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 55.608 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW012348.D

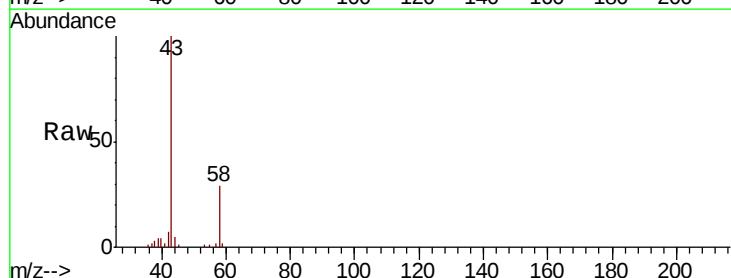
Acq: 30 Aug 2019 14:25

Tgt Ion: 43 Resp: 34089

Ion Ratio Lower Upper

43 100

58 28.9 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

12000

10000

8000

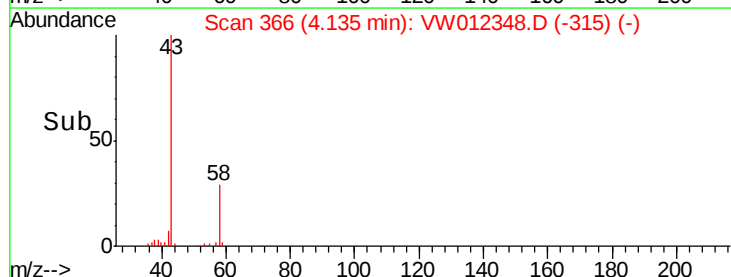
6000

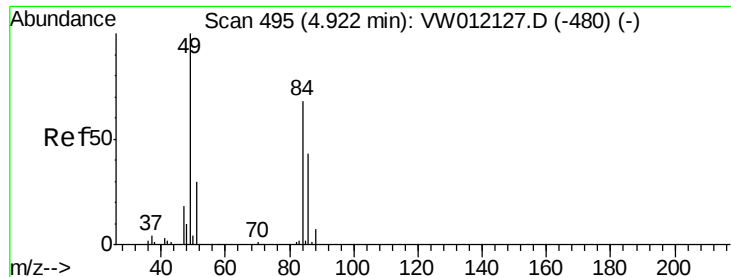
4000

2000

0

Time--> 4.00 4.10 4.20 4.30

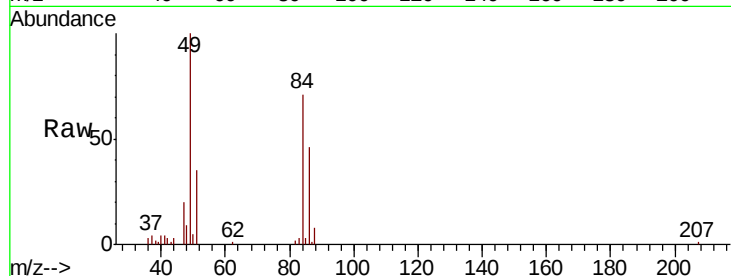




#20
Methylene Chloride
Concen: 10.293 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012348.D
Acq: 30 Aug 2019 14:25

Instrument :
MSVOA_W
ClientSampleId :
S501-K2-19.5-20.0-082919

Tot Ion:	84	Resp:	23854
Ion	Ratio	Lower	Upper
84	100		
49	140.1	117.8	176.8
51	49.5	35.6	53.4
86	63.8	51.2	76.8



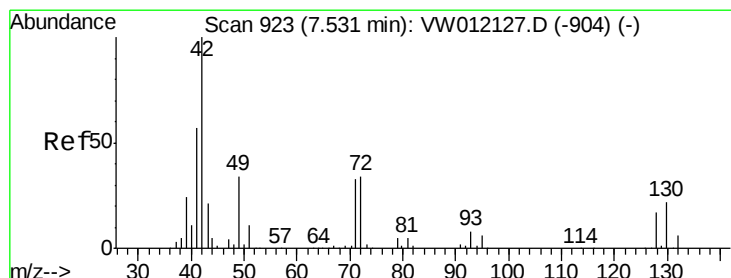
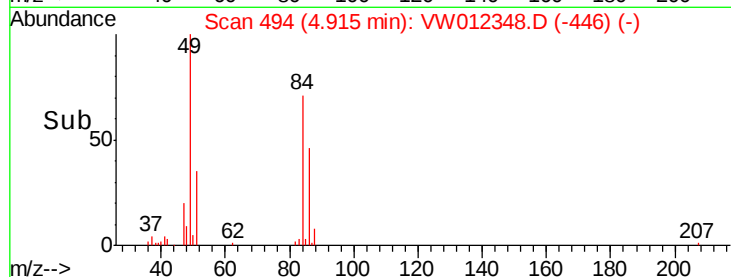
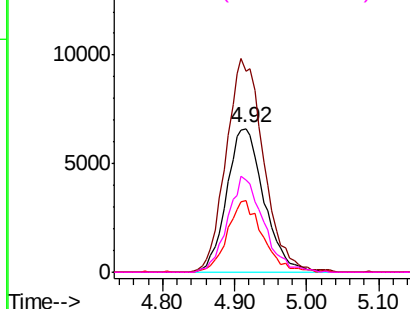
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

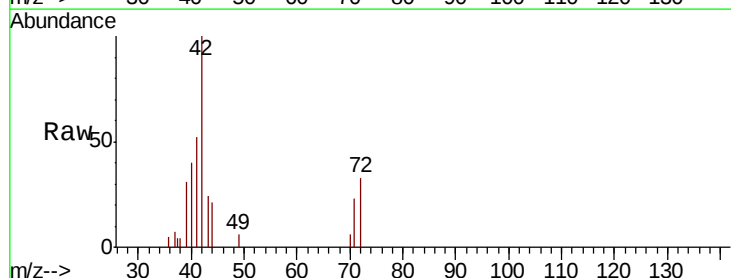
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#29
Tetrahydrofuran
Concen: 6.873 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012348.D
Acq: 30 Aug 2019 14:25

Tgt Ion:	42	Resp:	3435
Ion	Ratio	Lower	Upper
42	100		
72	30.6	27.3	40.9
71	31.3	25.5	38.3

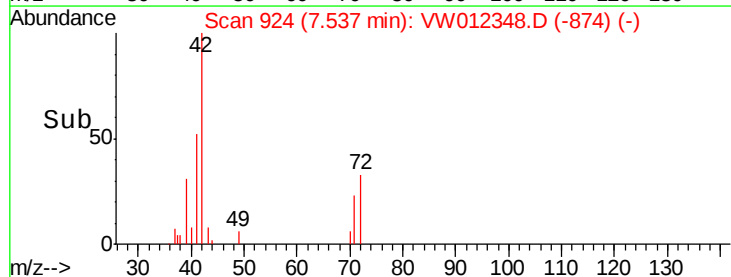
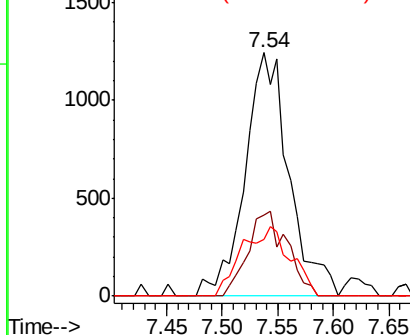


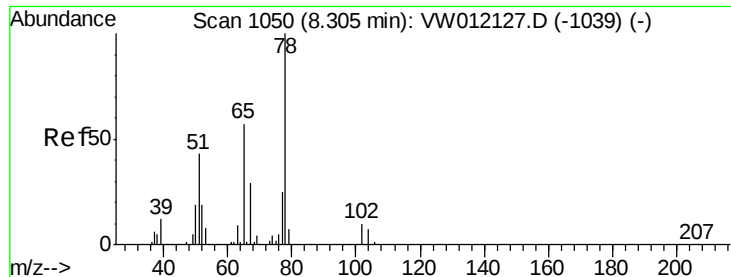
Abundance

Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

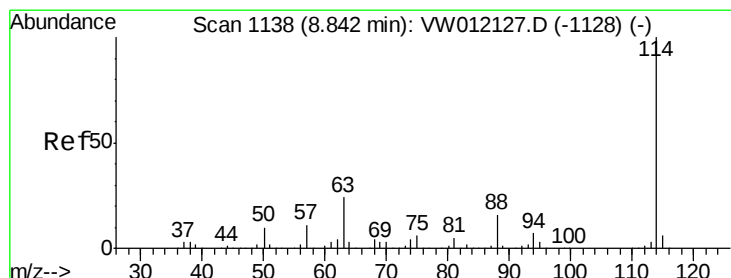
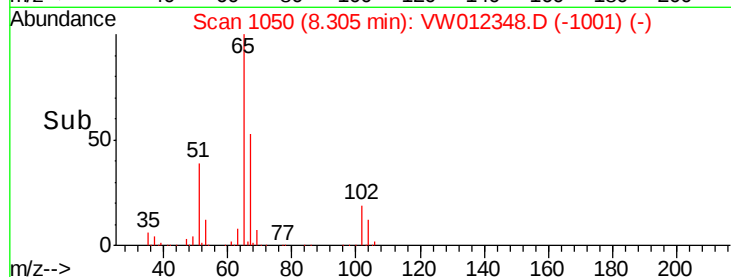
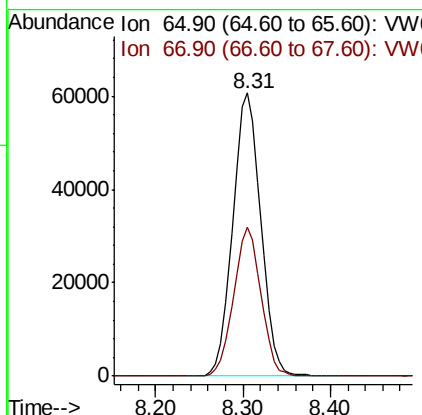
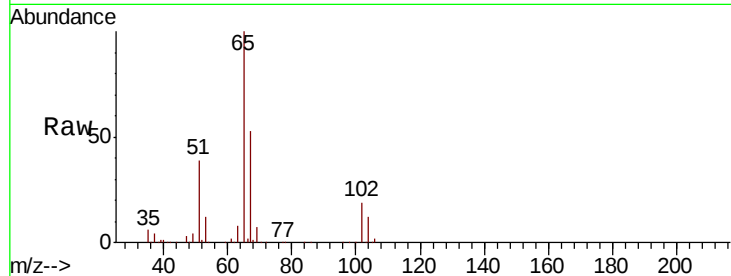




#33
 1,2-Dichloroethane-d4
 Concen: 56.353 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012348.D
 Acq: 30 Aug 2019 14:25

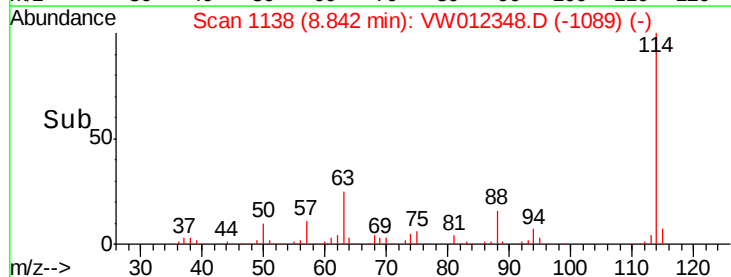
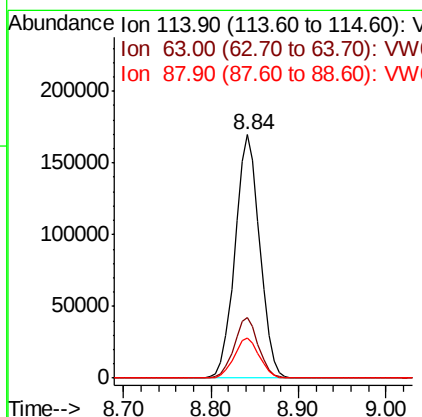
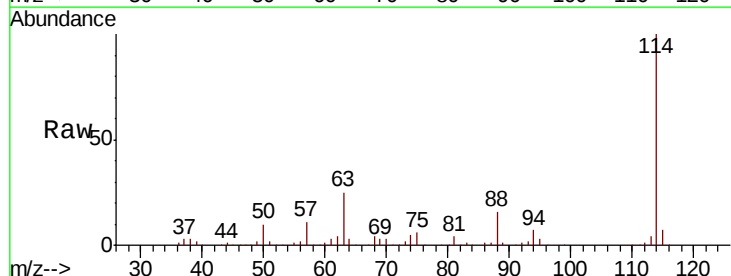
Instrument :
 MSVOA_W
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 S501-K2-19.5-20.0-082919

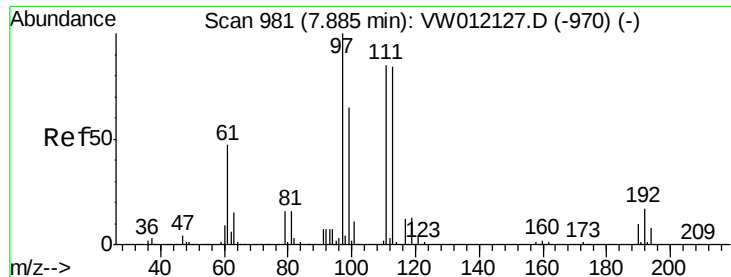
Tot Ion: 65 Resp: 135143
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012348.D
 Acq: 30 Aug 2019 14:25

Tgt Ion: 114 Resp: 333283
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 48.6
 88 16.4 0.0 32.2

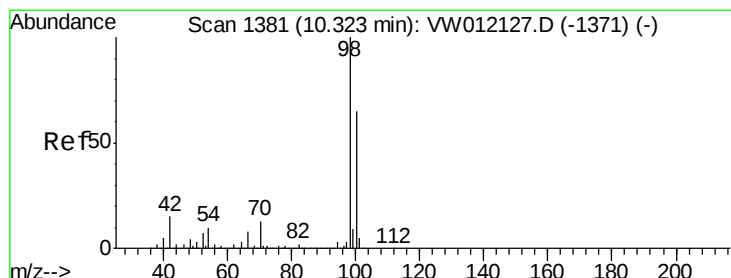
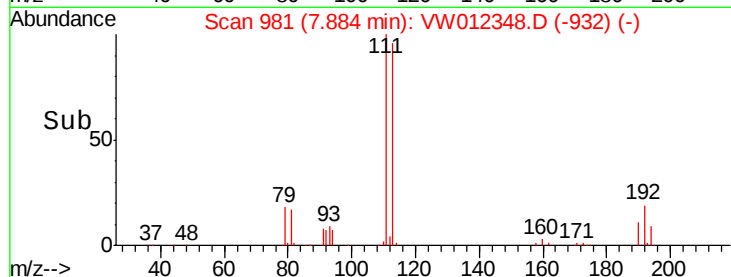
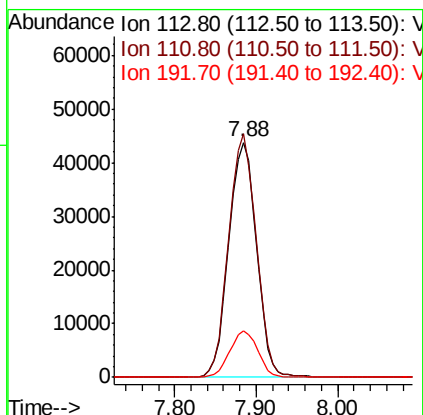
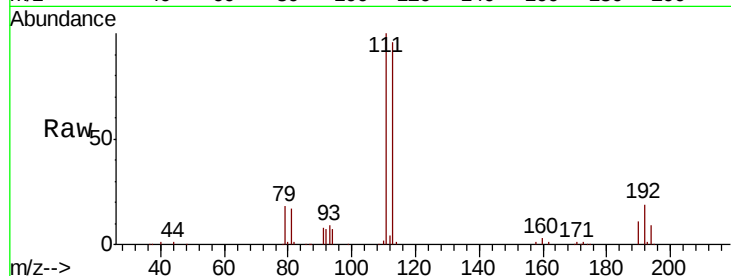




#35
 Dibromofluoromethane
 Concen: 51.897 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012348.D
 Acq: 30 Aug 2019 14:25

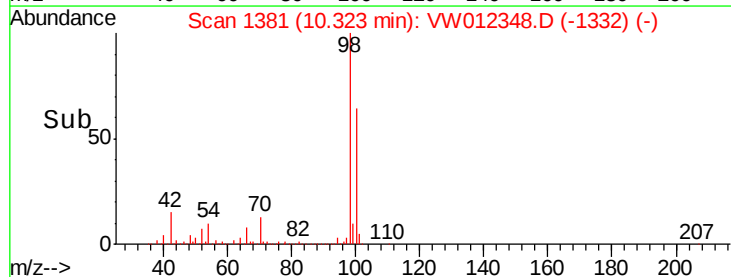
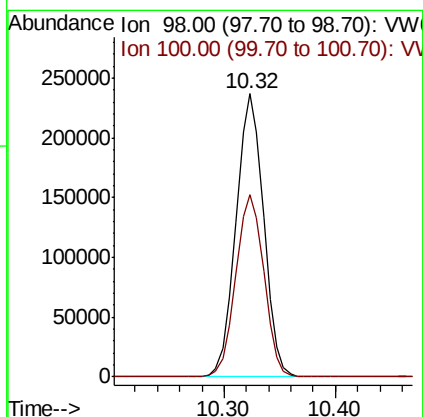
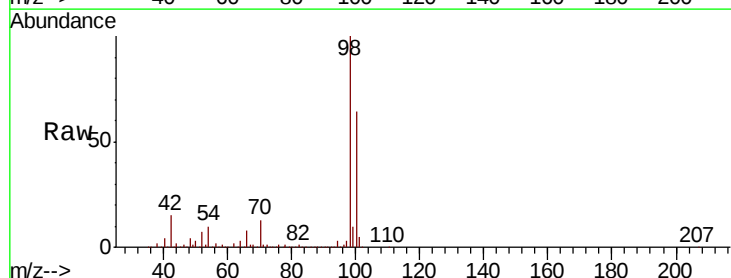
Instrument :
 MSVOA_W
 ClientSampleId :
 S501-K2-19.5-20.0-082919

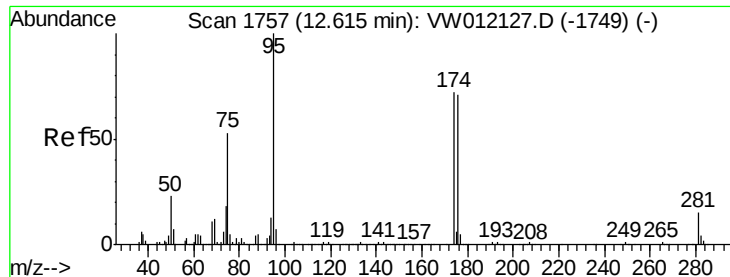
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.7	124.1
192	19.9	16.2	24.2



#50
 Toluene-d8
 Concen: 50.388 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012348.D
 Acq: 30 Aug 2019 14:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.4	78.6





#62

4-Bromofluorobenzene

Concen: 47.016 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012348.D

Acq: 30 Aug 2019 14:25

Instrument :

MSVOA_W

ClientSampleId :

S501-K2-19.5-20.0-082919

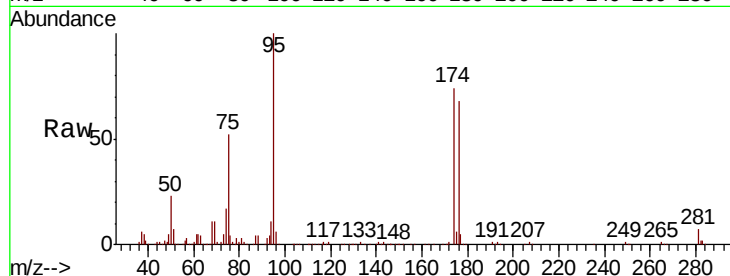
Tot Ion: 95 Resp: 133685

Ion Ratio Lower Upper

95 100

174 77.5 0.0 150.8

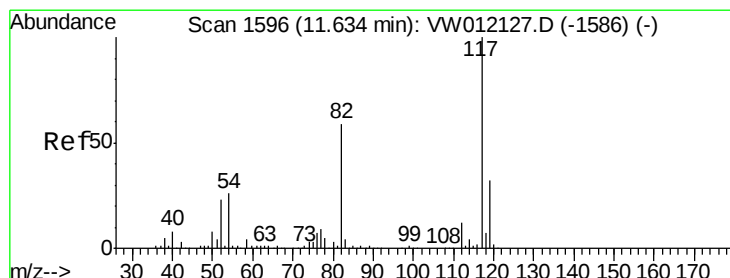
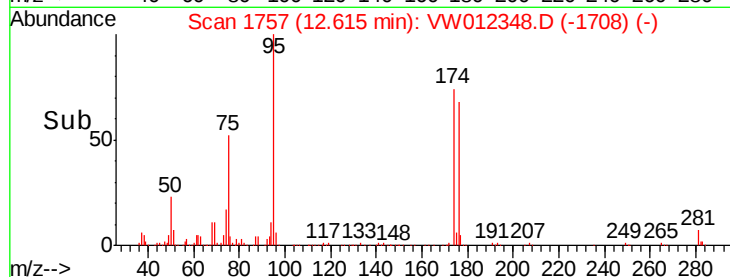
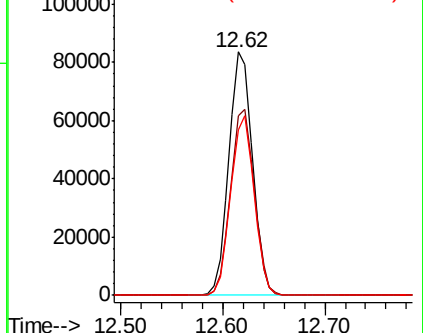
176 73.1 0.0 148.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW012348.D

Acq: 30 Aug 2019 14:25

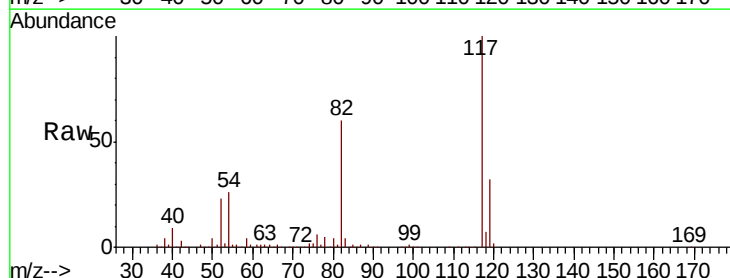
Tgt Ion: 117 Resp: 279998

Ion Ratio Lower Upper

117 100

82 60.3 47.4 71.2

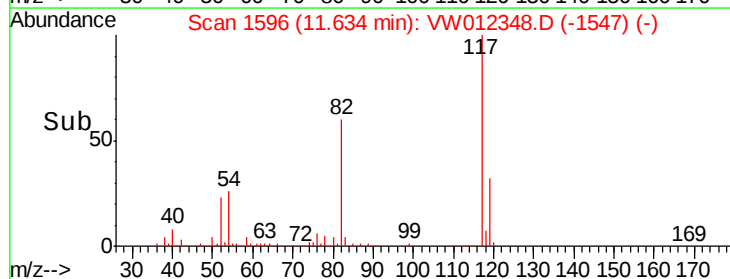
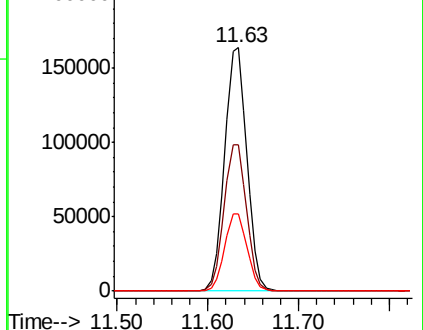
119 32.0 25.4 38.2

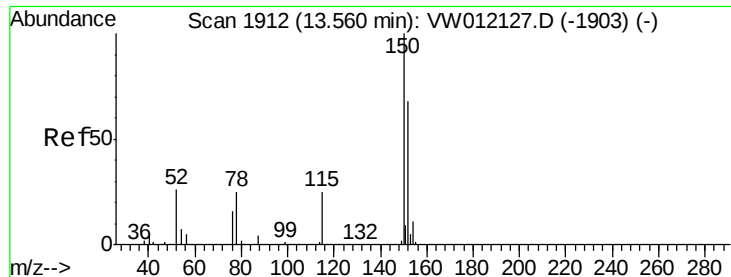


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012348.D

Acq: 30 Aug 2019 14:25

Instrument :

MSVOA_W

ClientSampleId :

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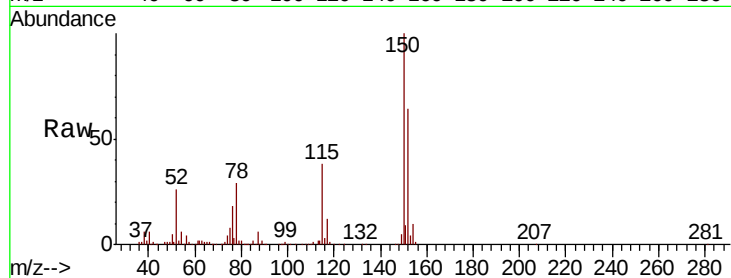
Tot Ion:152 Resp: 117330

Ion Ratio Lower Upper

152 100

115 60.3 30.1 90.3

150 155.9 0.0 345.8



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

