

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060519\
 Data File : VW010694.D
 Acq On : 05 Jun 2019 16:05
 Operator : SY/VA
 Sample : K3192-03
 Misc : 9.09G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CLVR-AVEX-WC1A

Quant Time: Jun 06 07:54:48 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

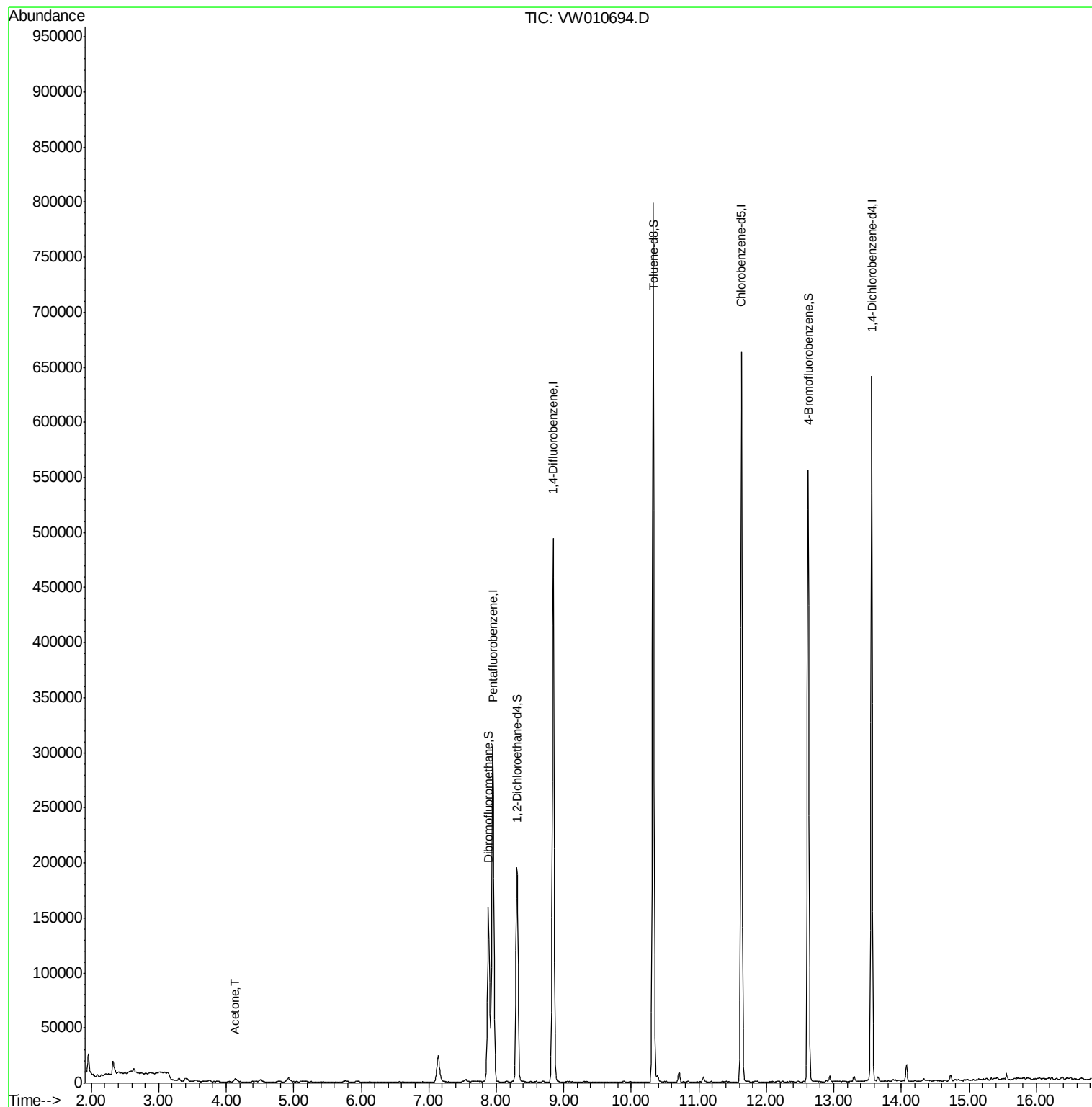
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	221609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	381633	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	338333	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	154312	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	155439	59.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.02%	
35) Dibromofluoromethane	7.89	113	113547	54.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.64%	
50) Toluene-d8	10.32	98	498183	54.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.70%	
62) 4-Bromofluorobenzene	12.62	95	178385	53.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.94%	
Target Compounds						
16) Acetone	4.13	43	5093	7.277	ug/l	Qvalue 95

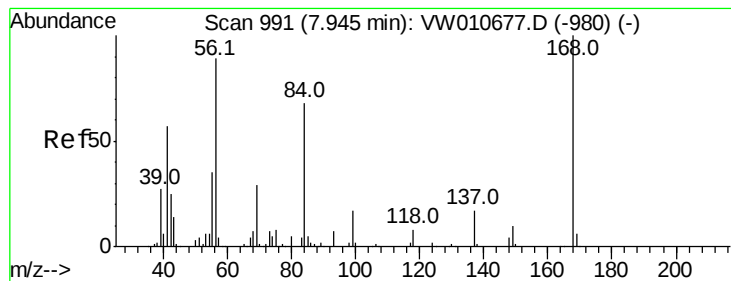
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW010694.D

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MSVOA_W

ClientSampleId :

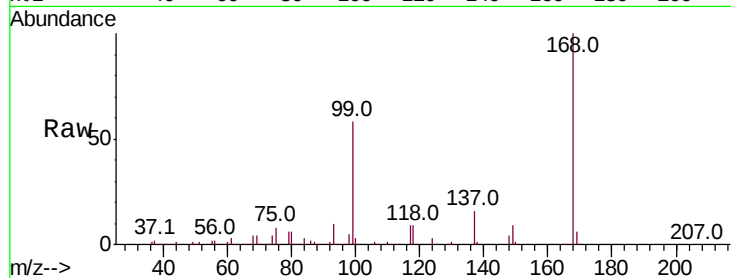
CLVR-AVEX-WC1A

Tot Ion:168 Resp: 221609

Ion Ratio Lower Upper

168 100

99 57.6 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

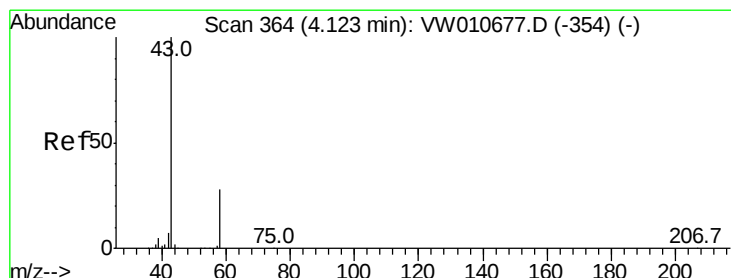
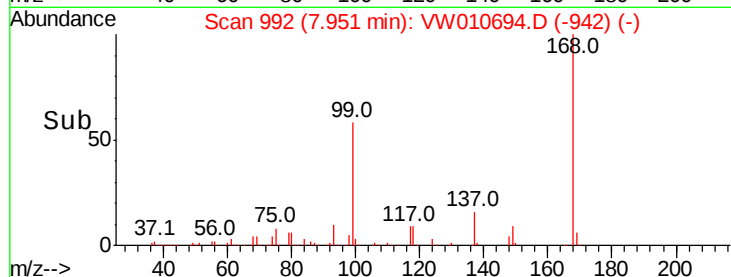
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 7.277 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010694.D

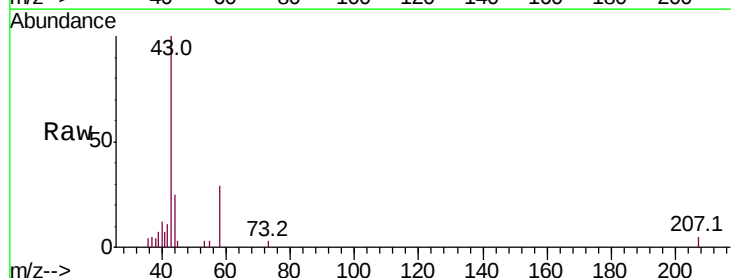
Acq: 05 Jun 2019 16:05

Tgt Ion: 43 Resp: 5093

Ion Ratio Lower Upper

43 100

58 30.4 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

2000

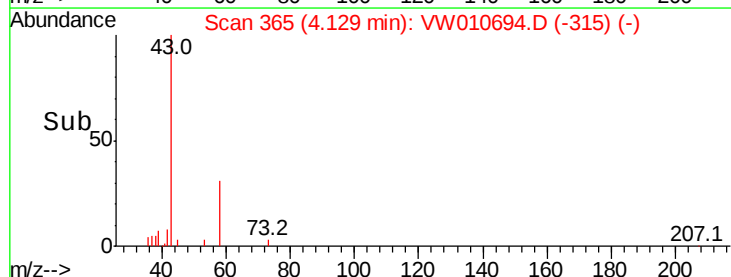
1500

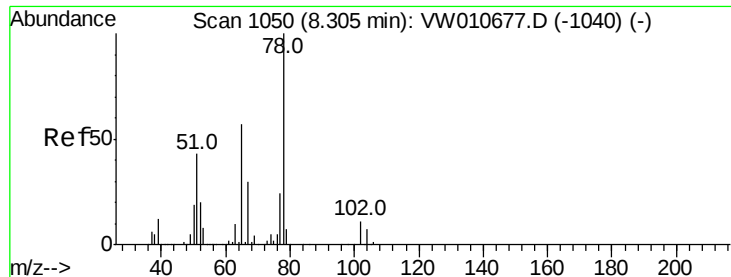
1000

500

0

Time--> 4.00 4.10 4.20





#33

1,2-Dichloroethane-d4

Concen: 59.509 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010694.D

Acq: 05 Jun 2019 16:05

Instrument :

MSVOA_W

ClientSampleId :

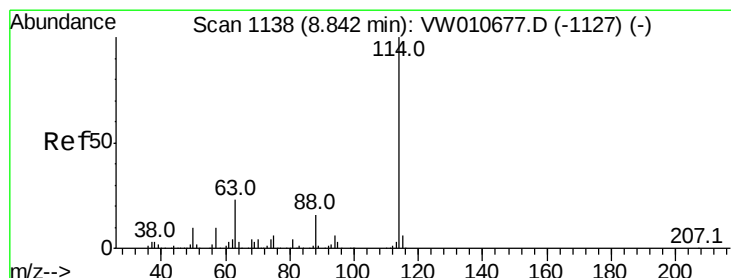
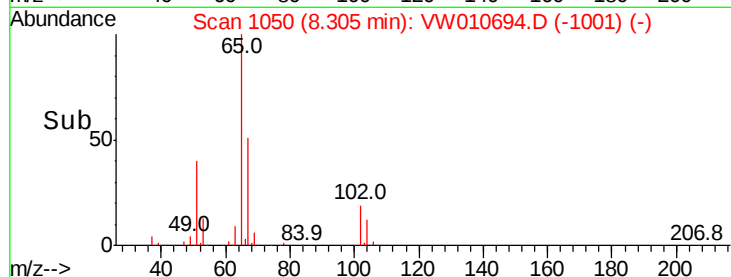
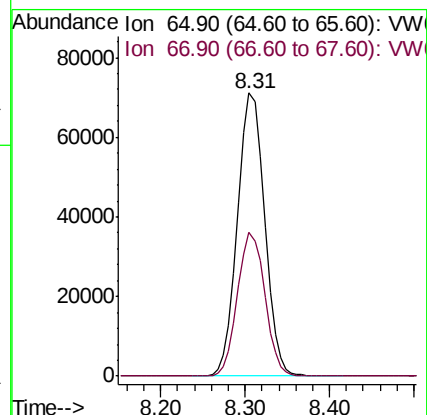
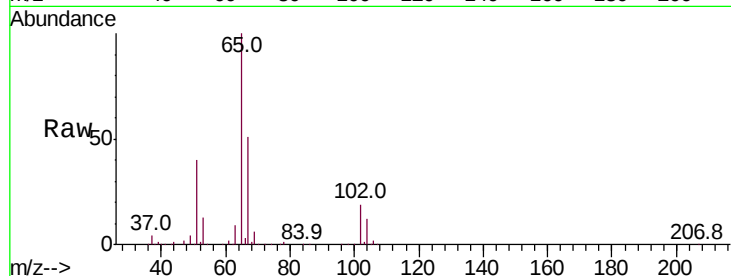
CLVR-AVEX-WC1A

Tot Ion: 65 Resp: 155439

Ion Ratio Lower Upper

65 100

67 51.0 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: VW010694.D

Acq: 05 Jun 2019 16:05

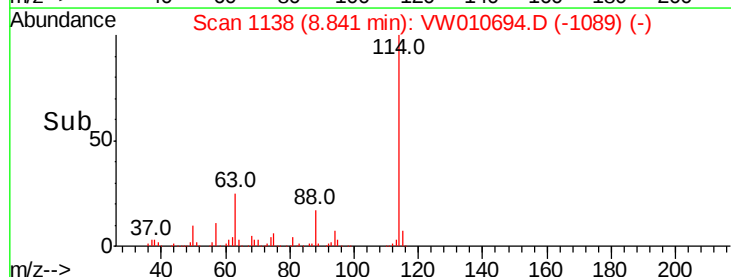
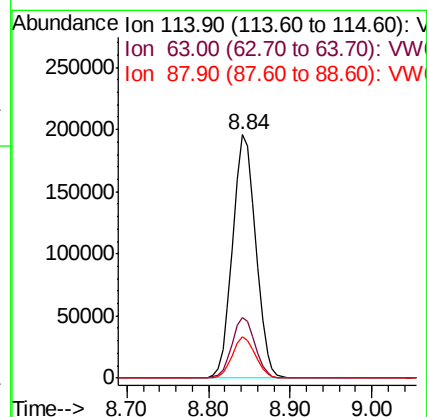
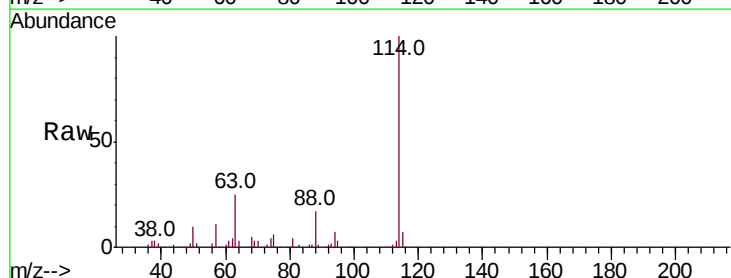
Tgt Ion: 114 Resp: 381633

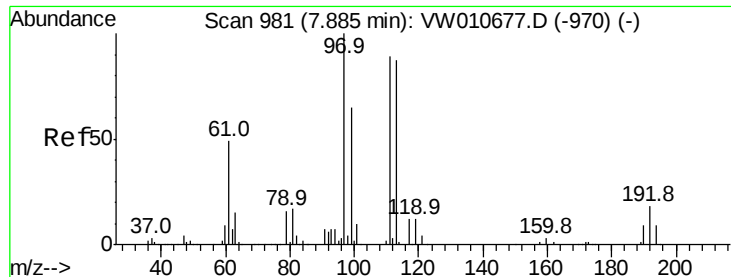
Ion Ratio Lower Upper

114 100

63 24.8 0.0 46.4

88 17.1 0.0 32.2

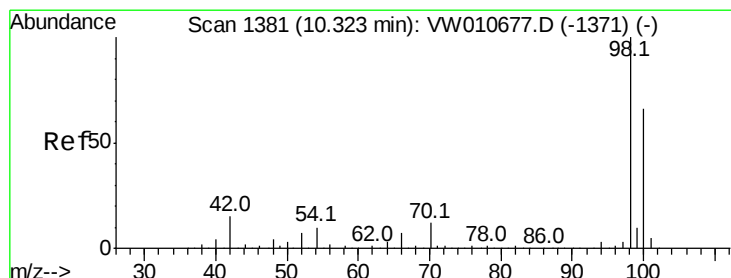
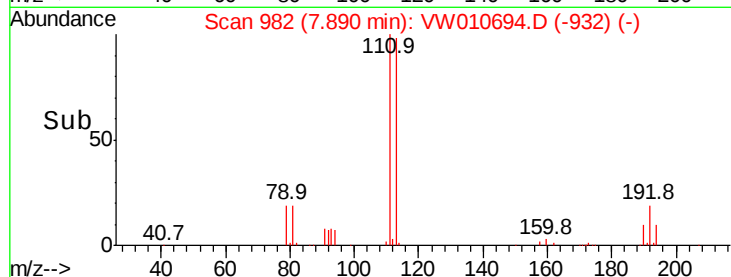
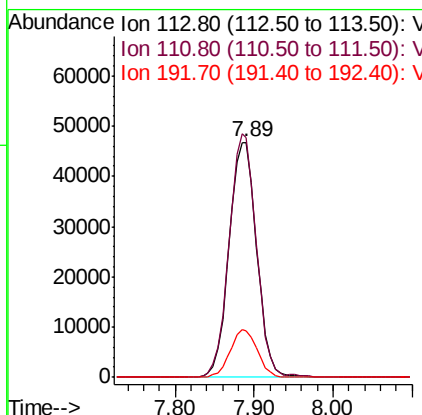
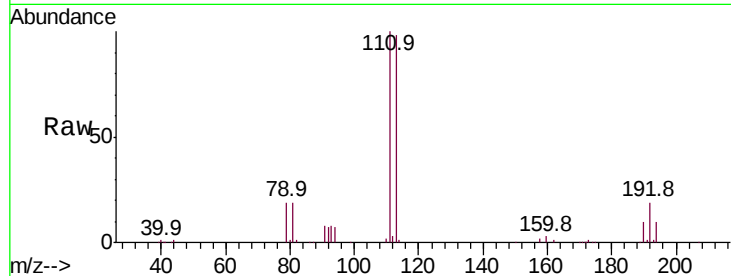




#35
 Dibromofluoromethane
 Concen: 54.816 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW010694.D
 Acq: 05 Jun 2019 16:05

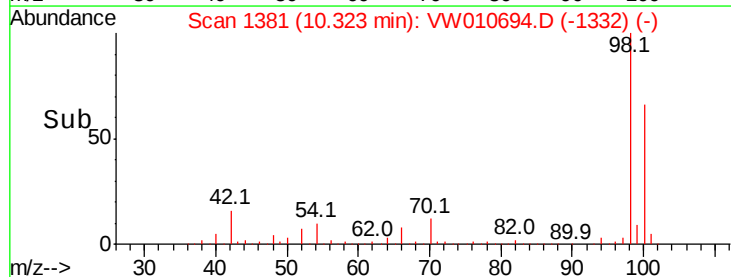
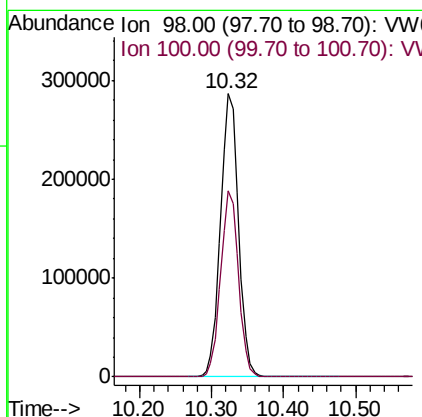
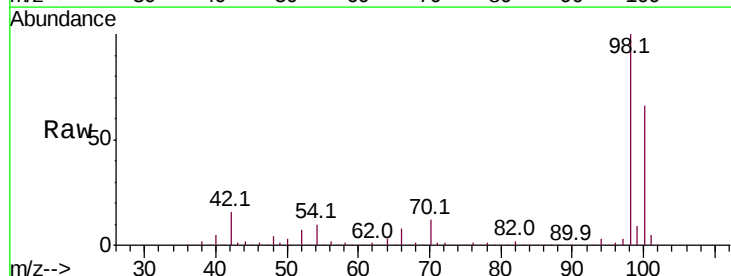
Instrument :
 MSVOA_W
 ClientSampleId :
 CLVR-AVEX-WC1A

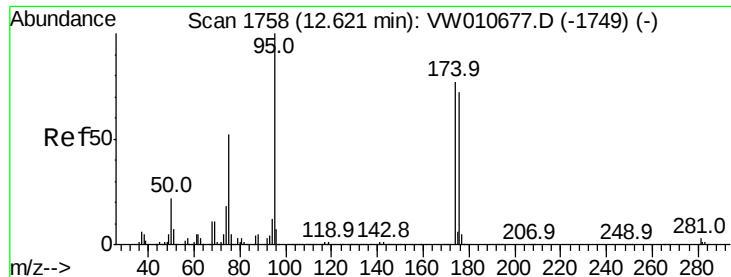
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.6	123.8
192	19.9	16.4	24.6



#50
 Toluene-d8
 Concen: 54.845 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW010694.D
 Acq: 05 Jun 2019 16:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.0	79.6





#62

4-Bromofluorobenzene

Concen: 53.969 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010694.D

Acq: 05 Jun 2019 16:05

Instrument :

MSVOA_W

ClientSampleId :

CLVR-AVEX-WC1A

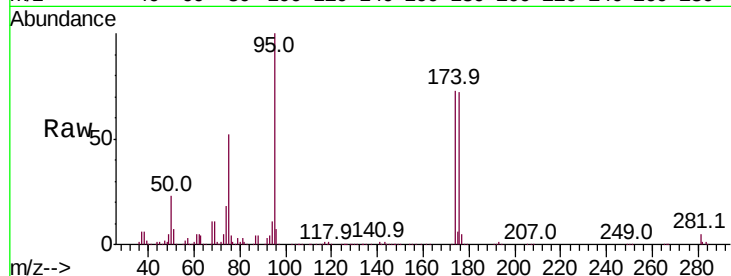
Tot Ion: 95 Resp: 178385

Ion Ratio Lower Upper

95 100

174 73.0 0.0 150.4

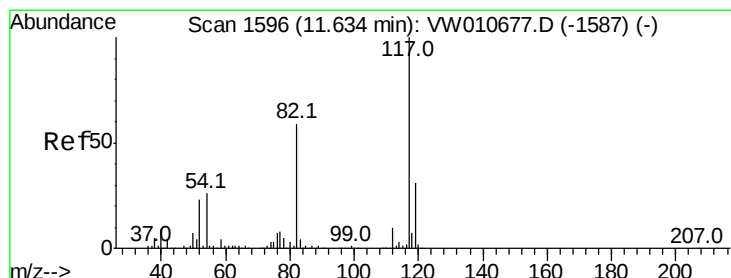
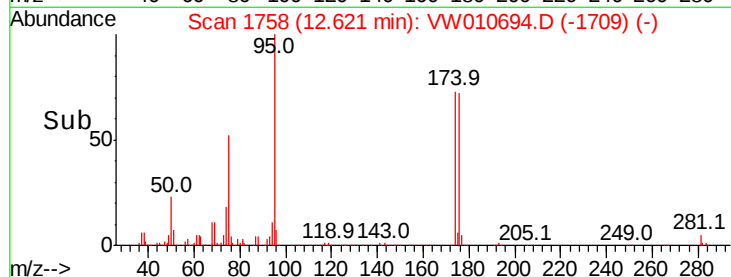
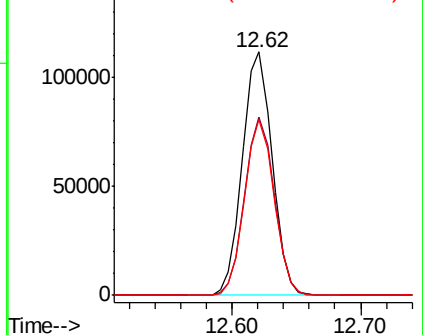
176 71.5 0.0 144.8



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: VW010694.D

Acq: 05 Jun 2019 16:05

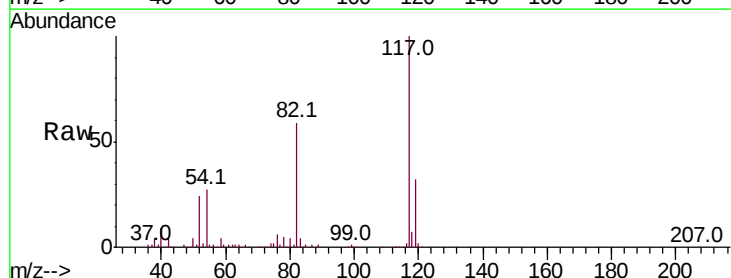
Tgt Ion: 117 Resp: 338333

Ion Ratio Lower Upper

117 100

82 58.9 47.0 70.4

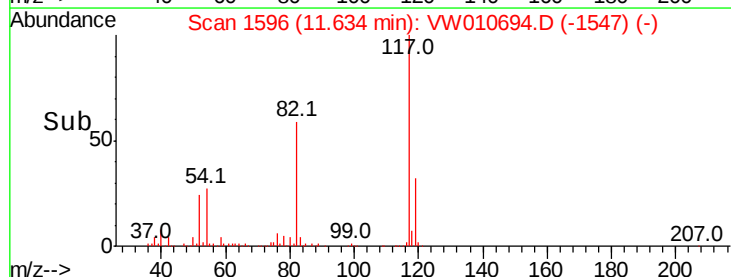
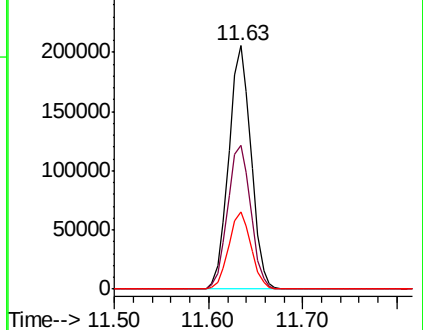
119 31.6 25.1 37.7

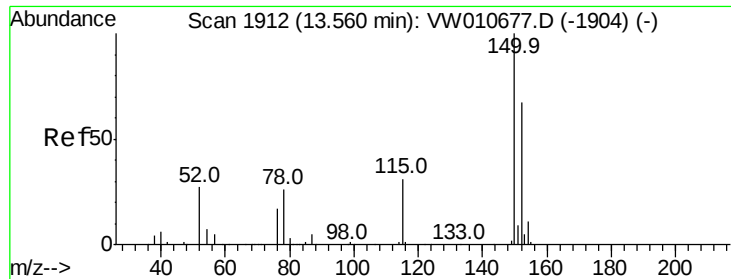


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW010694.D

Acq: 05 Jun 2019 16:05

Instrument :

MSVOA_W

ClientSampleId :

CLVR-AVEX-WC1A

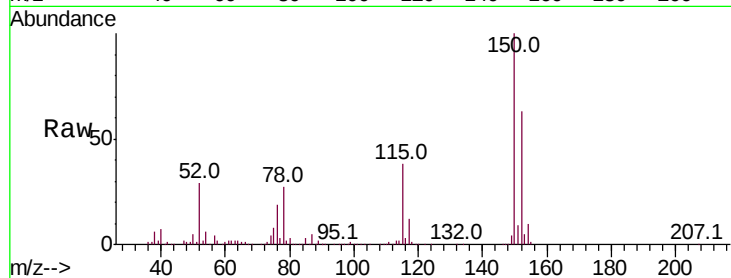
Tot Ion:152 Resp: 154312

Ion Ratio Lower Upper

152 100

115 60.4 29.8 89.3

150 157.2 0.0 345.0



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

