

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080819\
 Data File : VW011755.D
 Acq On : 07 Aug 2019 16:56
 Operator : SY/VA
 Sample : K4219-01
 Misc : 6.58G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-A

Quant Time: Aug 08 09:03:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

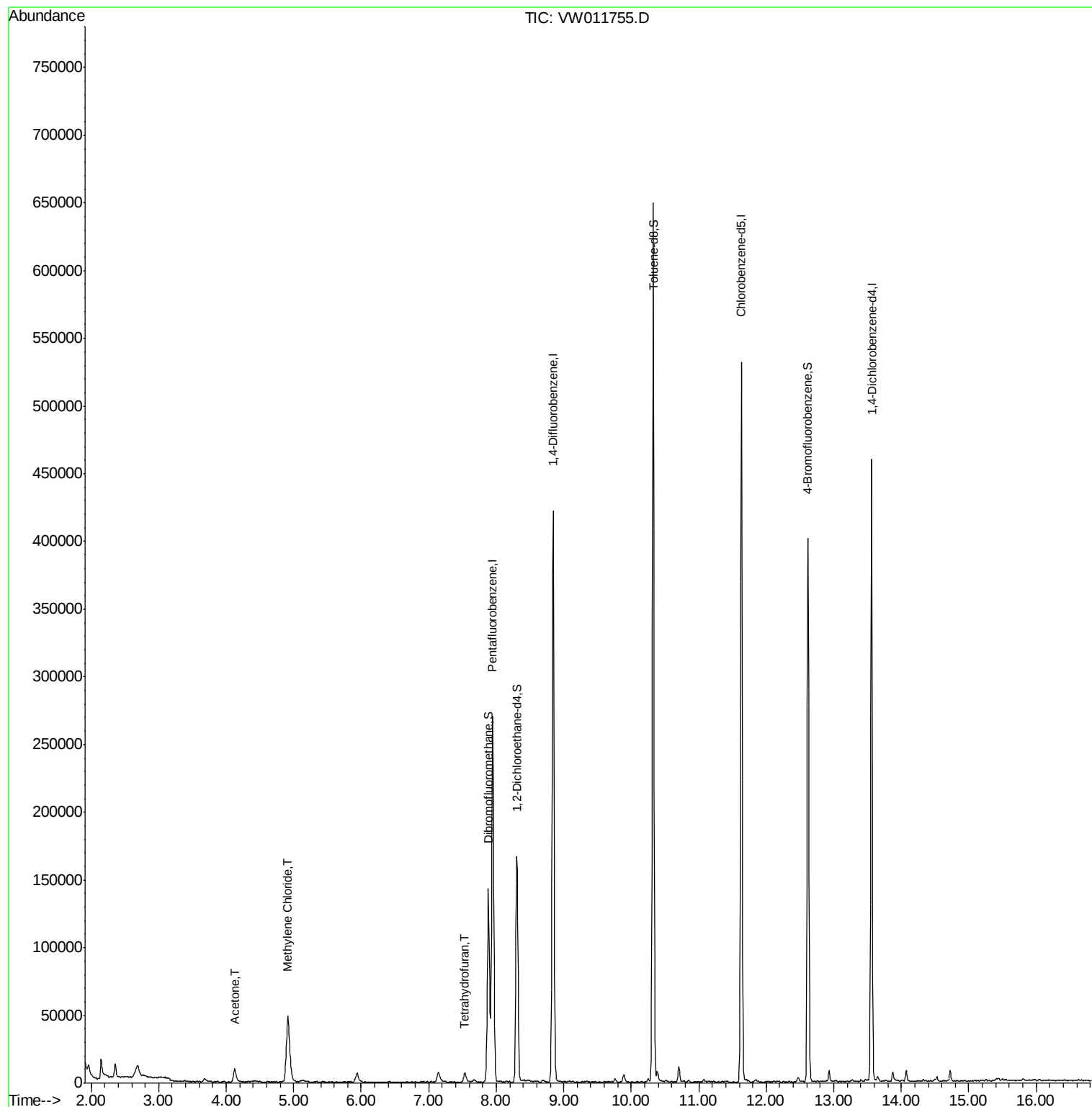
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	195128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	328173	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	273390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	110527	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	131305	58.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.20%	
35) Dibromofluoromethane	7.88	113	102148	55.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.96%	
50) Toluene-d8	10.32	98	404882	53.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.42%	
62) 4-Bromofluorobenzene	12.62	95	128218	47.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.42%	
Target Compounds						
16) Acetone	4.12	43	18209	25.548	ug/l	99
20) Methylene Chloride	4.92	84	36820	14.979	ug/l	96
29) Tetrahydrofuran	7.54	42	5546	10.403	ug/l	100

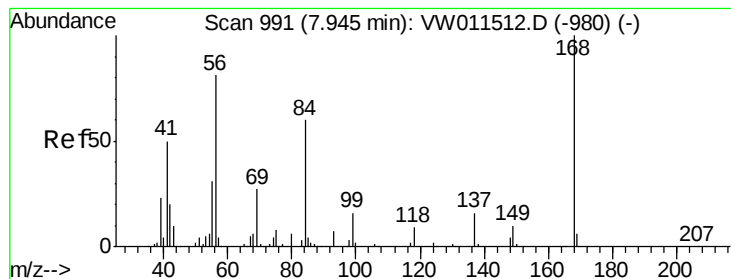
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011755.D

Acq: 07 Aug 2019 16:56

Instrument :

MSVOA_W

ClientSampleId :

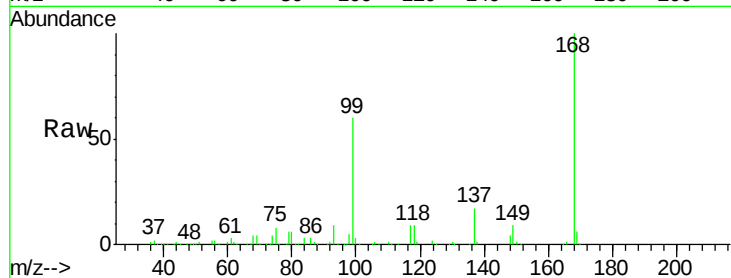
TP-A

Tot Ion:168 Resp: 195128

Ion Ratio Lower Upper

168 100

99 59.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

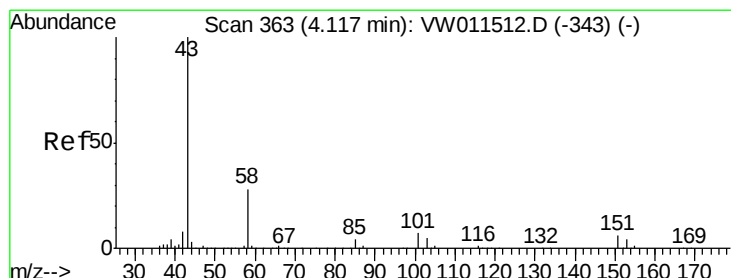
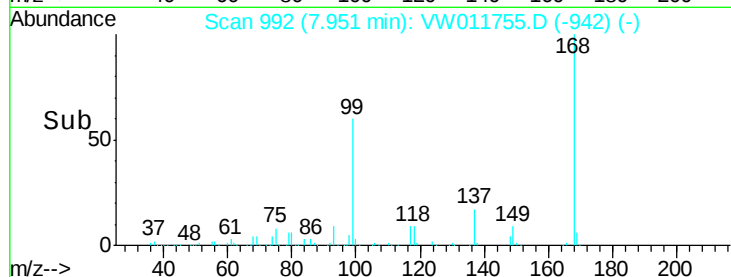
40000

20000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 25.548 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011755.D

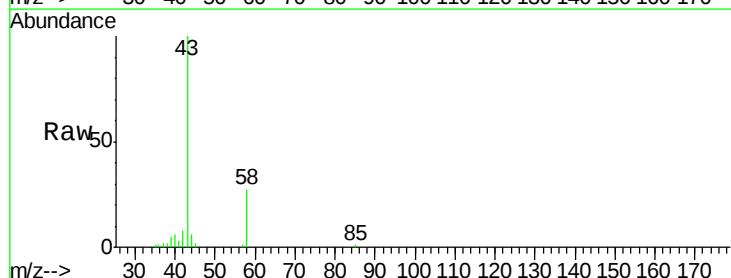
Acq: 07 Aug 2019 16:56

Tgt Ion: 43 Resp: 18209

Ion Ratio Lower Upper

43 100

58 27.2 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

6000

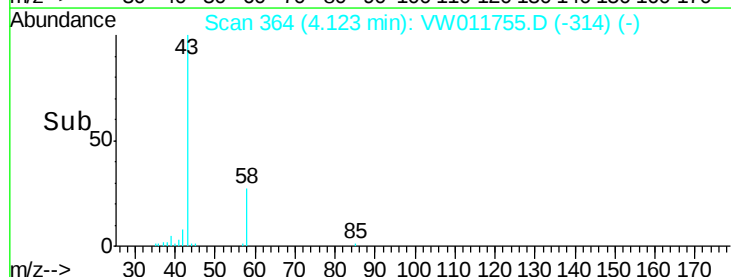
4000

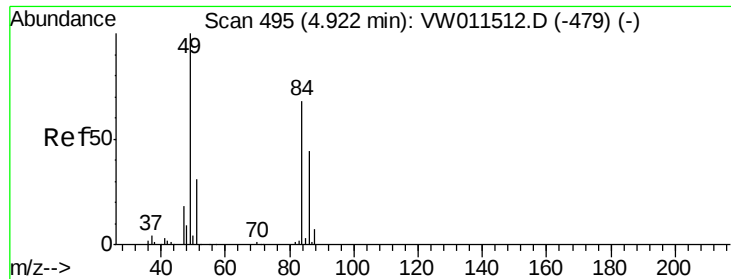
2000

0

4.00 4.10 4.20

Time-->

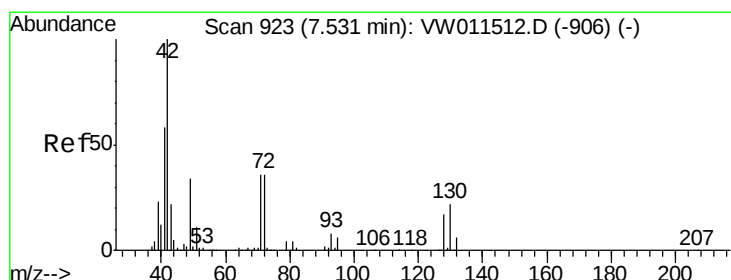
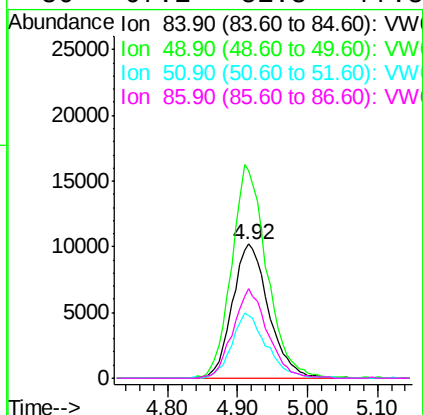
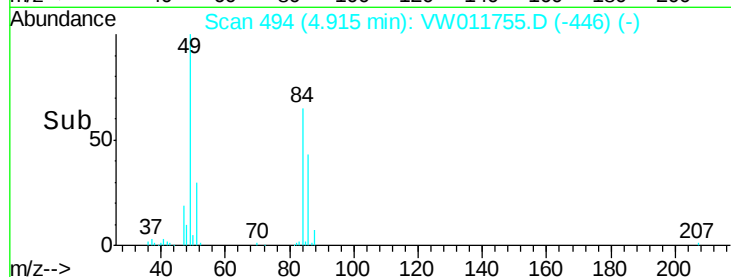
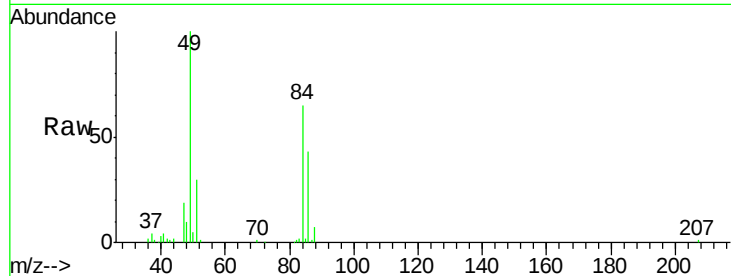




#20
Methvlene Chloride
Concen: 14.979 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011755.D
Acq: 07 Aug 2019 16:56

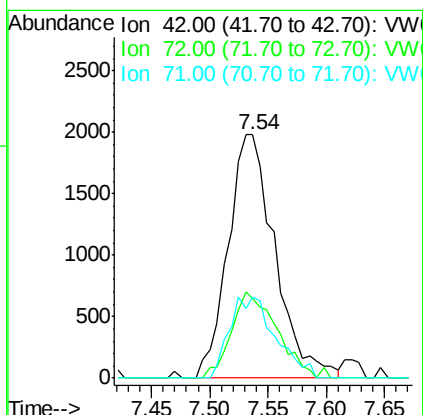
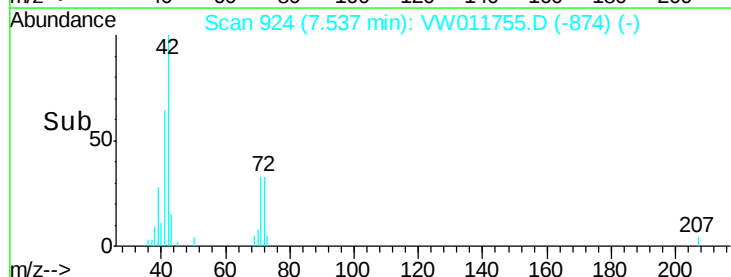
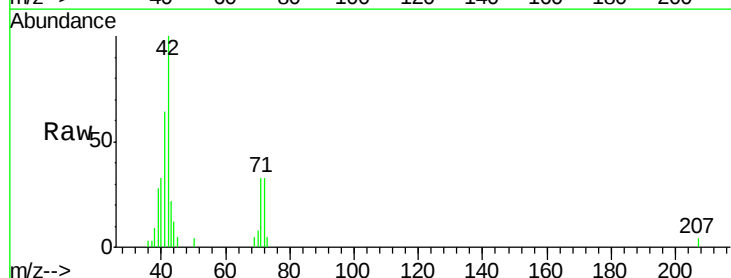
Instrument :
MSVOA_W
ClientSampleId :
TP-A

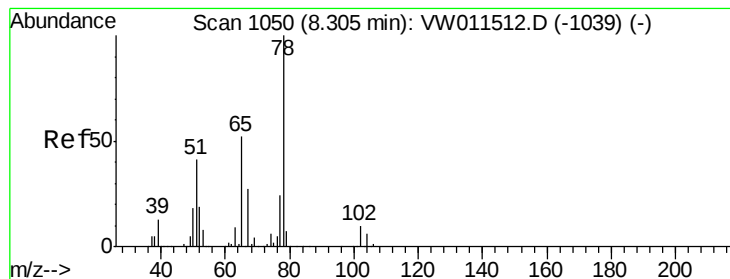
Tot Ion:	84	Resp:	36820
Ion	Ratio	Lower	Upper
84	100		
49	154.8	117.8	176.6
51	46.6	37.0	55.4
86	67.1	51.8	77.8



#29
Tetrahydrofuran
Concen: 10.403 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW011755.D
Acq: 07 Aug 2019 16:56

Tgt Ion:	42	Resp:	5546
Ion	Ratio	Lower	Upper
42	100		
72	34.1	27.1	40.7
71	32.8	26.2	39.4





#33

1,2-Dichloroethane-d4

Concen: 58.602 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011755.D

Acq: 07 Aug 2019 16:56

Instrument :

MSVOA_W

ClientSampled :

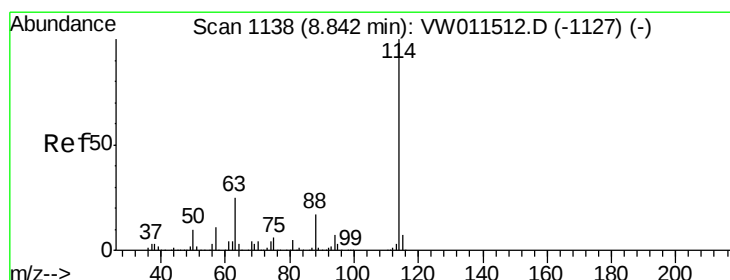
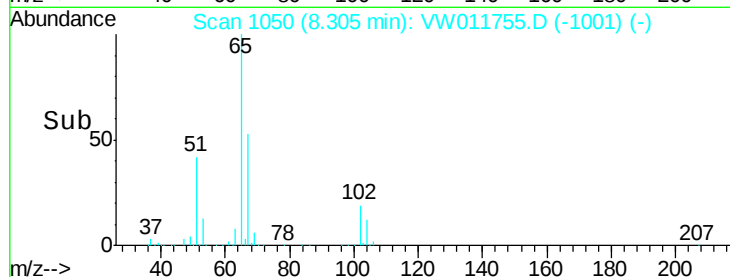
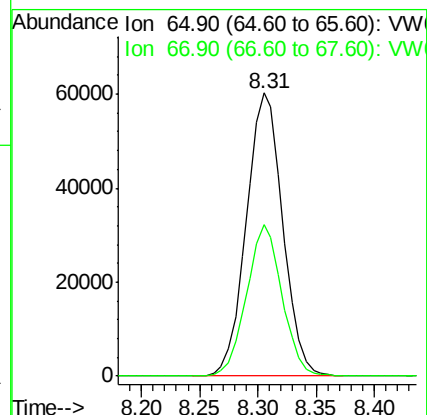
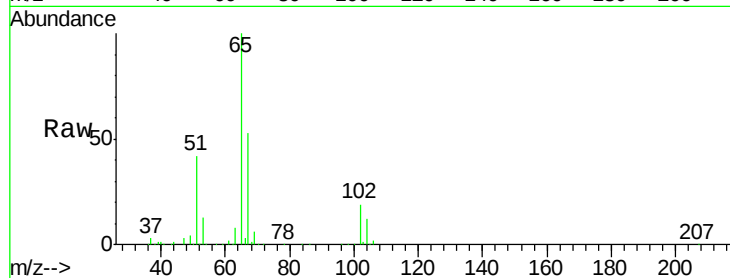
TP-A

Tot Ion: 65 Resp: 131305

Ion Ratio Lower Upper

65 100

67 52.0 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW011755.D

Acq: 07 Aug 2019 16:56

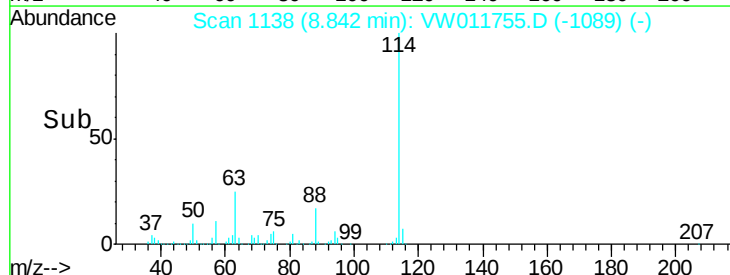
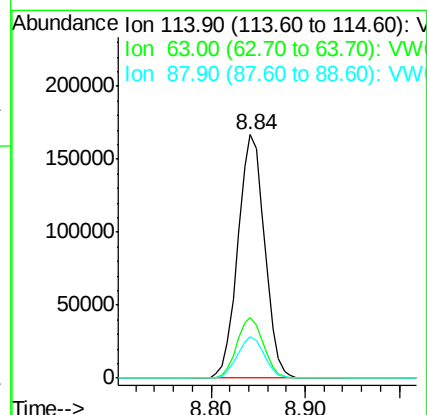
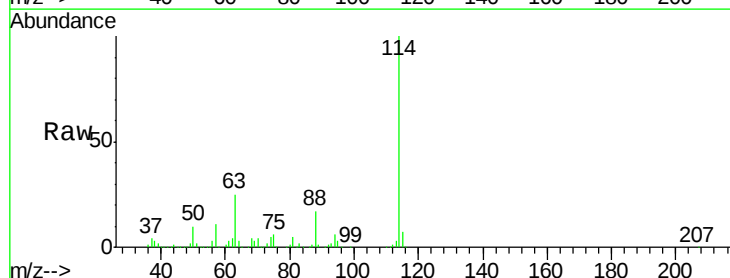
Tgt Ion: 114 Resp: 328173

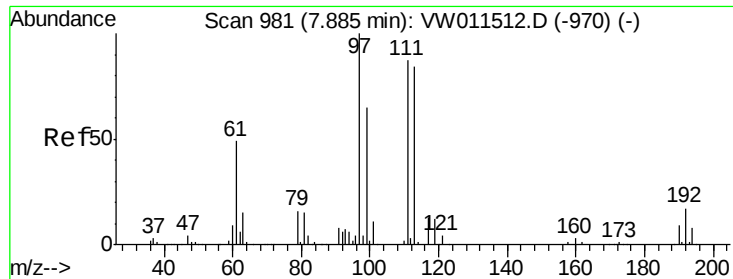
Ion Ratio Lower Upper

114 100

63 24.6 0.0 49.2

88 17.1 0.0 33.8

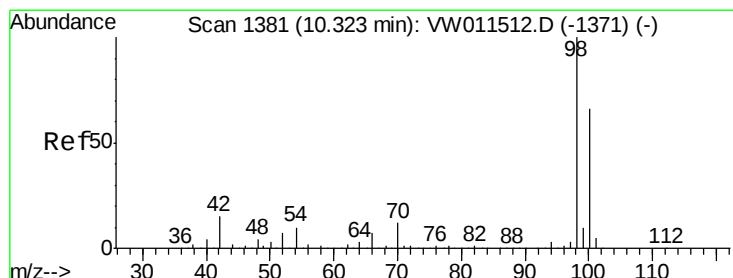
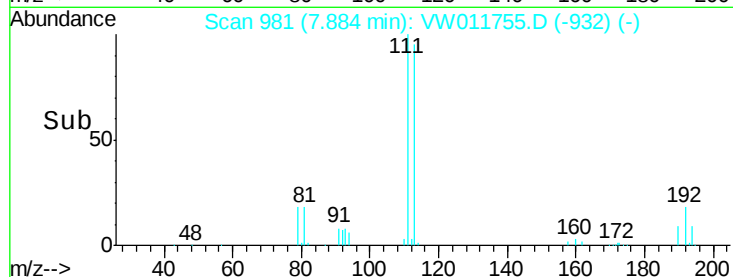
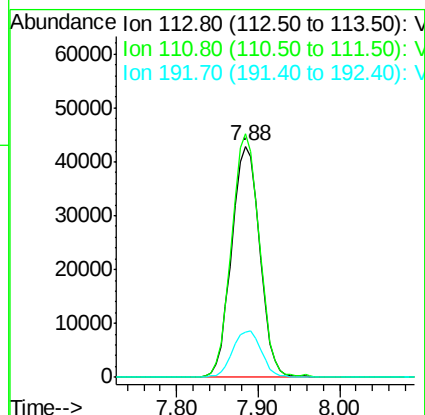
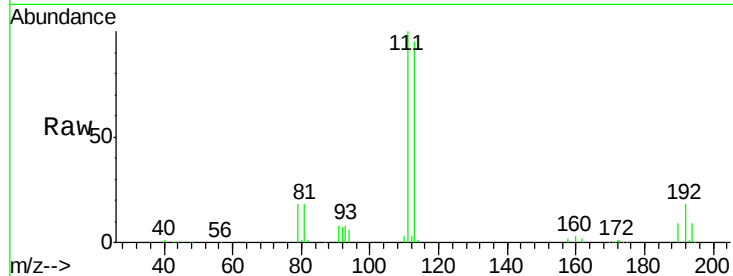




#35
 Dibromofluoromethane
 Concen: 55.482 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011755.D
 Acq: 07 Aug 2019 16:56

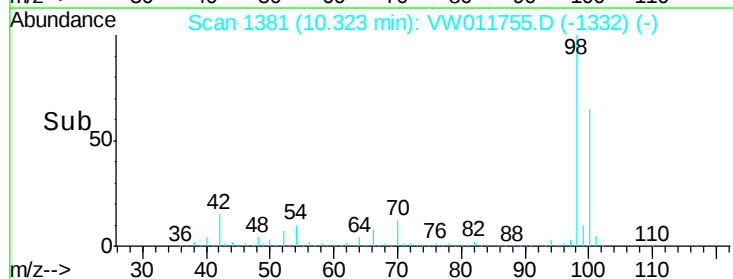
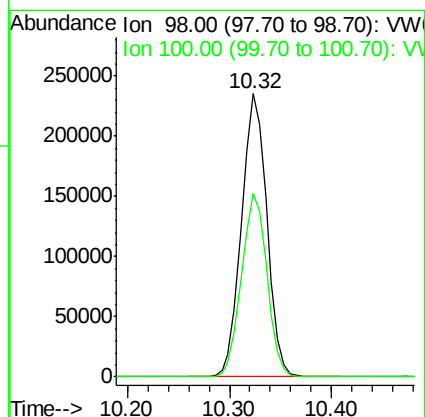
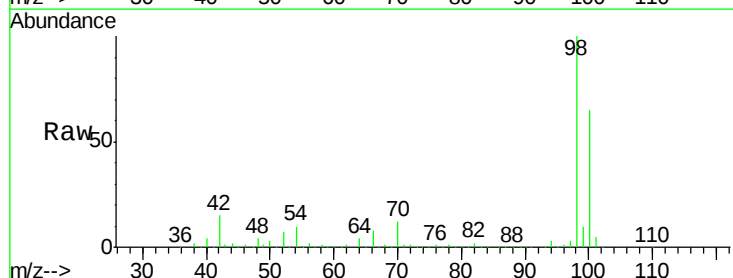
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-A

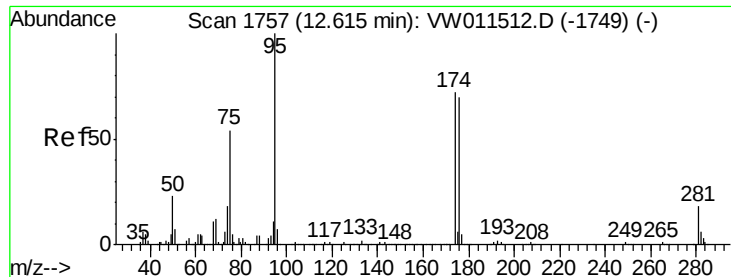
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.7	124.1
192	20.2	16.1	24.1



#50
 Toluene-d8
 Concen: 53.712 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW011755.D
 Acq: 07 Aug 2019 16:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.7	79.1





#62

4-Bromofluorobenzene

Concen: 47.710 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011755.D

Acq: 07 Aug 2019 16:56

Instrument :

MSVOA_W

ClientSampleId :

TP-A

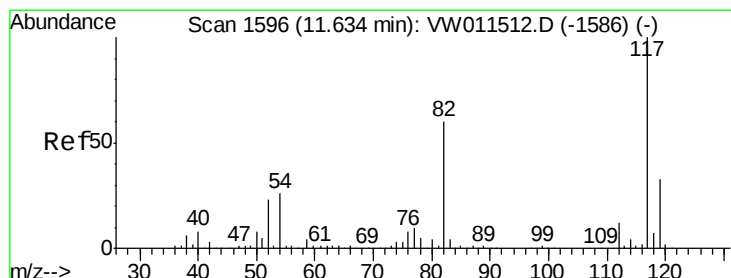
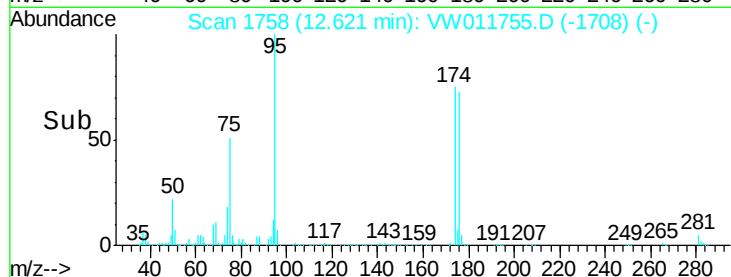
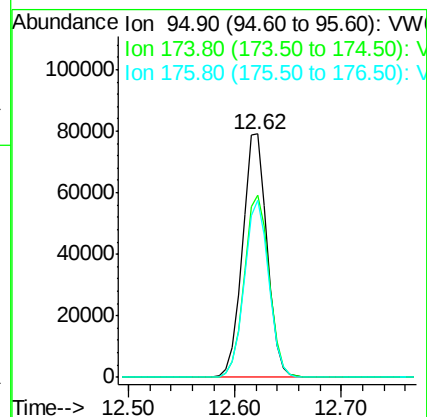
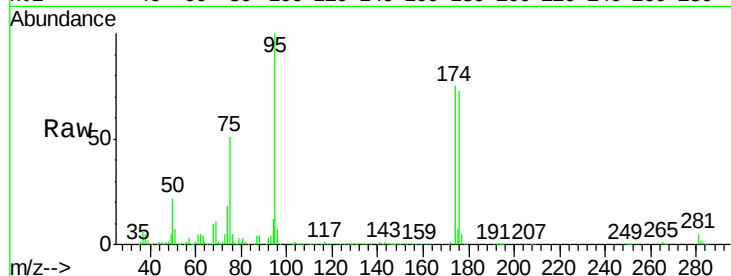
Tot Ion: 95 Resp: 128218

Ion Ratio Lower Upper

95 100

174 75.7 0.0 150.2

176 72.1 0.0 144.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW011755.D

Acq: 07 Aug 2019 16:56

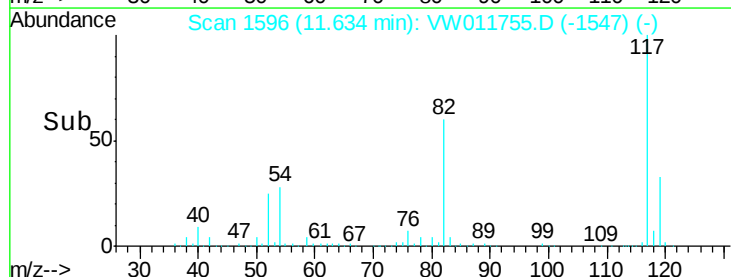
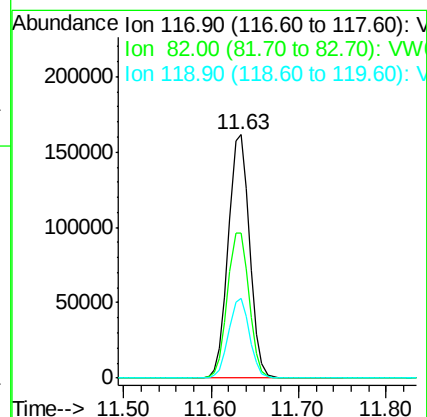
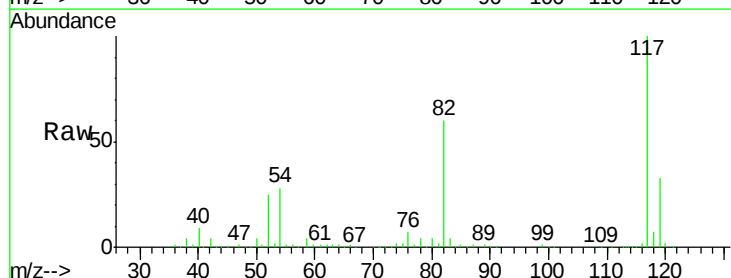
Tgt Ion: 117 Resp: 273390

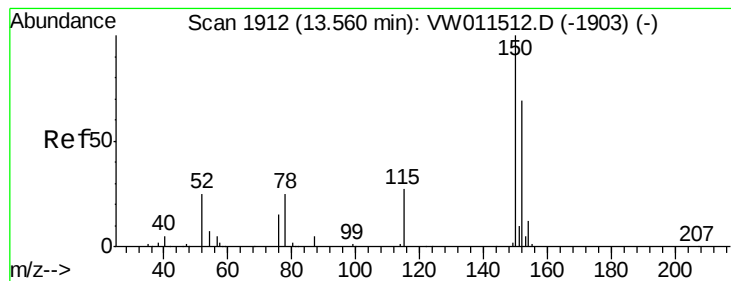
Ion Ratio Lower Upper

117 100

82 59.8 47.9 71.9

119 32.8 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011755.D

Acq: 07 Aug 2019 16:56

Instrument :

MSVOA_W

ClientSampleId :

TP-A

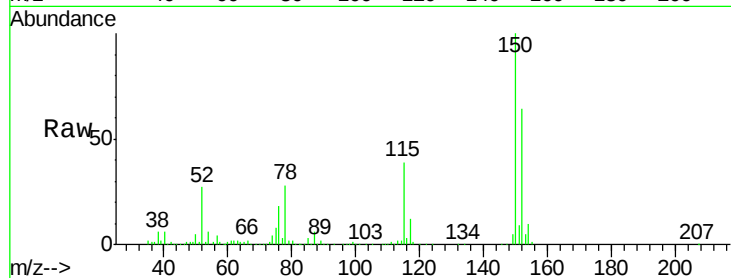
Tot Ion:152 Resp: 110527

Ion Ratio Lower Upper

152 100

115 60.5 30.5 91.5

150 156.8 0.0 352.6



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

