

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082019\
 Data File : VW012044.D
 Acq On : 20 Aug 2019 21:47
 Operator : SY/VA
 Sample : K4387-08
 Misc : 6.04G/5ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T6-D-(2)

Manual Integrations
 APPROVED

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 8/21/2019 8:30:05 AM

Quant Time: Aug 21 02:13:44 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	210504	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	359684	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	246867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	56097	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	138736	57.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.80%	
35) Dibromofluoromethane	7.88	113	111415	55.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.42%	
50) Toluene-d8	10.32	98	402159	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
62) 4-Bromofluorobenzene	12.62	95	96787	32.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.72%	
Target Compounds						
11) Tert butyl alcohol	5.20	59	5599m	14.597	ug/l	
29) Tetrahydrofuran	7.53	42	5750	9.998	ug/l	96

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

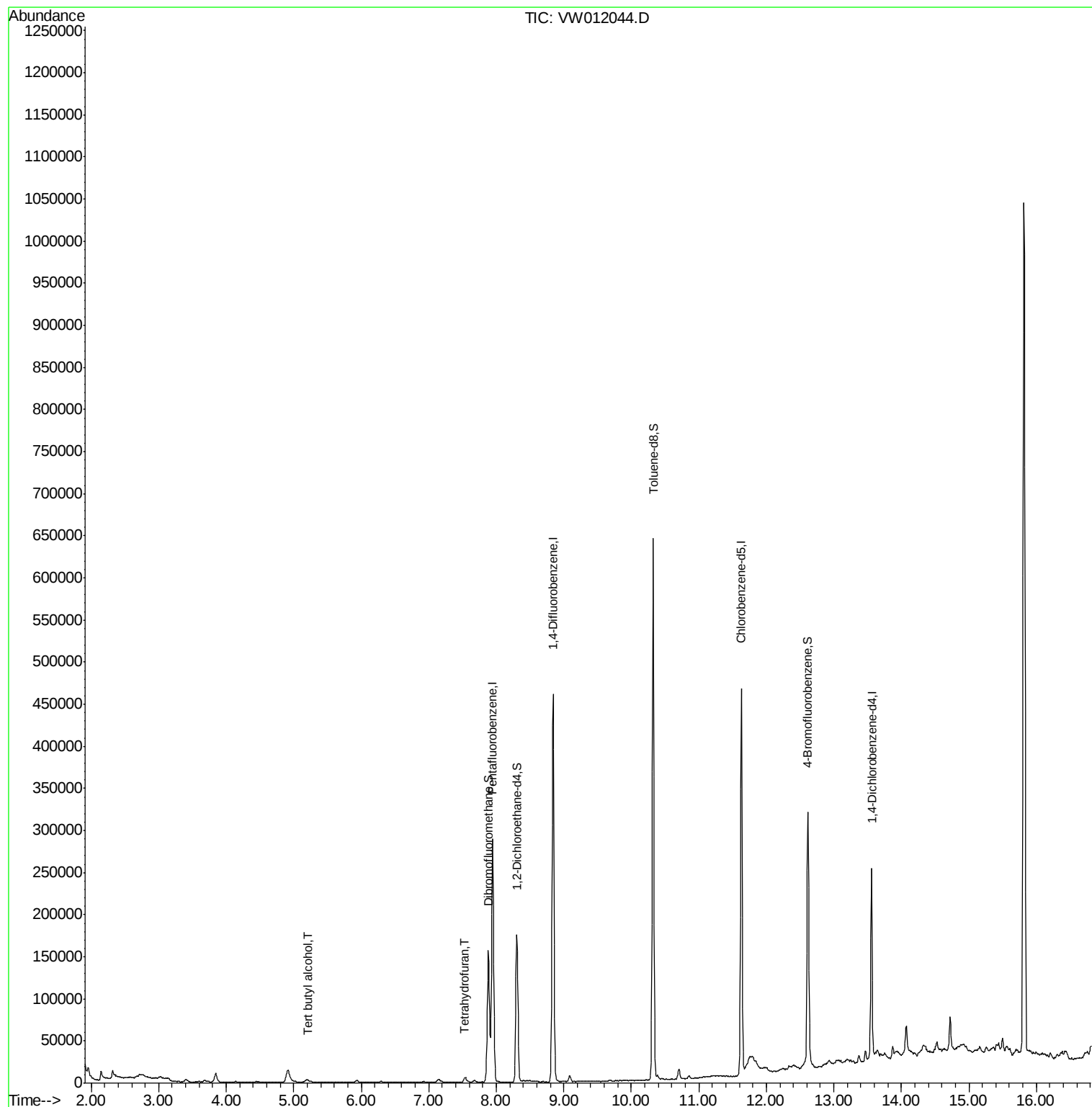
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082019\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012044.D

Acq: 20 Aug 2019 21:47

Instrument :

MSVOA_W

ClientSampled :

T6-D-(2)

Tot Ion:168 Resp: 210504

Ion Ratio Lower Upper

168 100

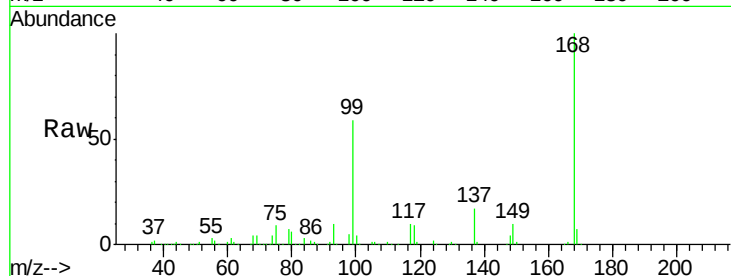
99 59.3 48.2 72.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

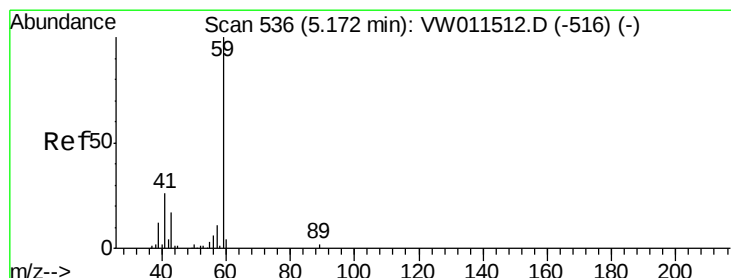
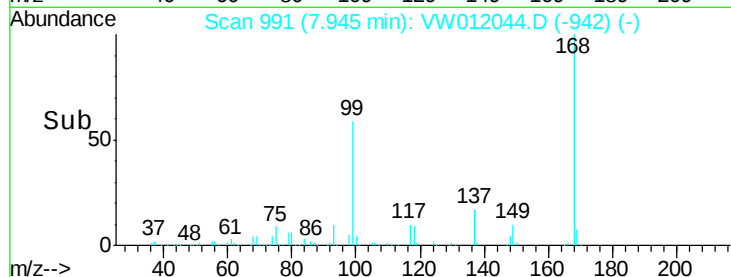
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 14.597 ug/l m

RT: 5.20 min Scan# 541

Delta R.T. 0.03 min

Lab File: VW012044.D

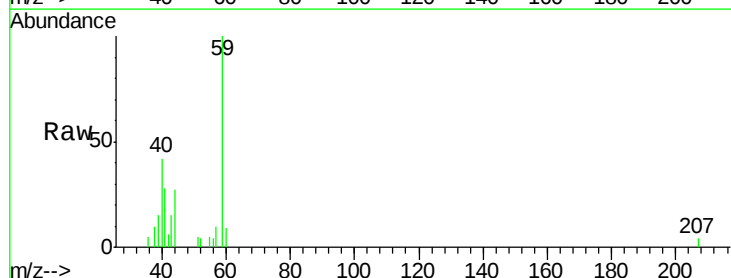
Acq: 20 Aug 2019 21:47

Tgt Ion: 59 Resp: 5599

Ion Ratio Lower Upper

59 100

57 5.1 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.20

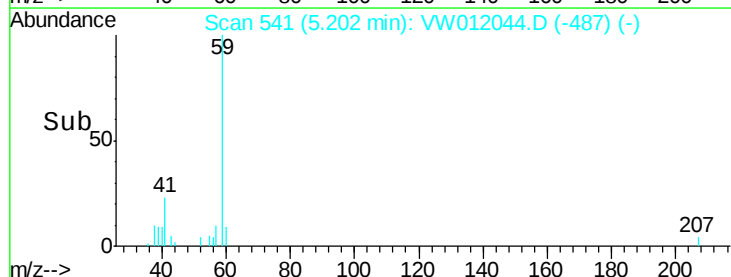
1500

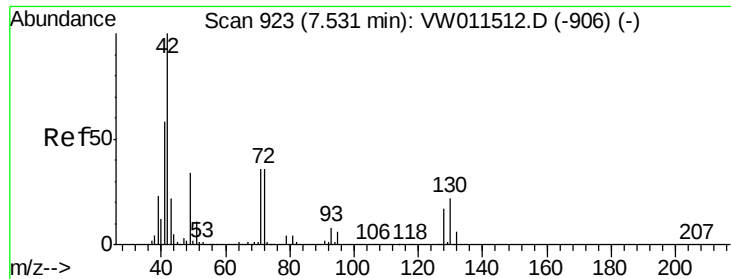
1000

500

0

Time--> 5.10 5.20 5.30





#29

Tetrahydrofuran

Concen: 9.998 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW012044.D

Acq: 20 Aug 2019 21:47

Instrument :

MSVOA_W

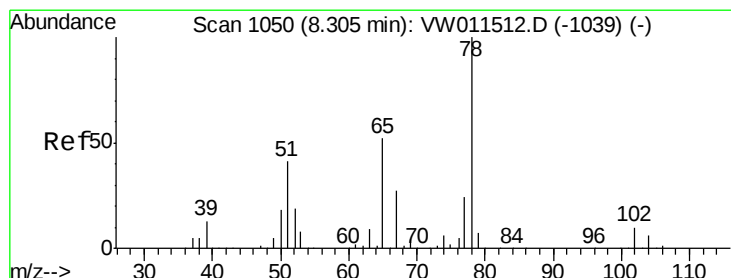
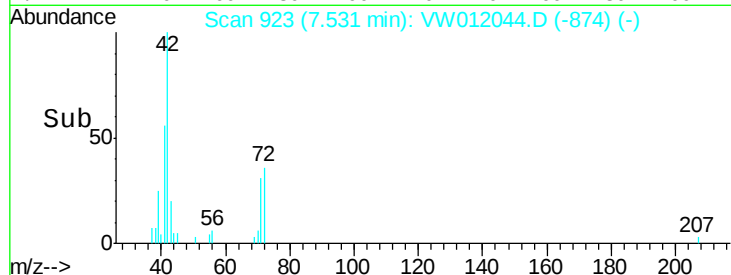
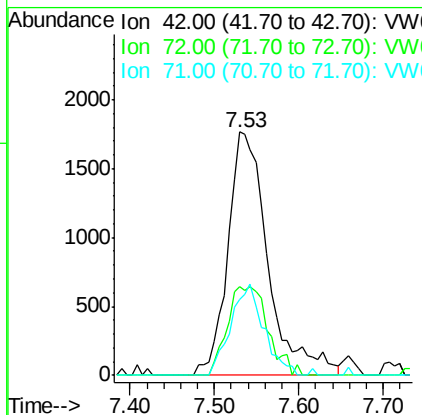
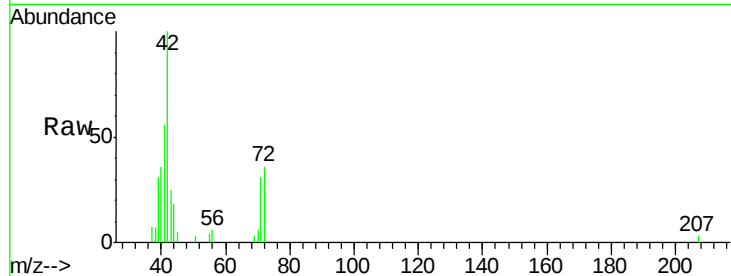
ClientSampleId :

T6-D-(2)

Tot Ion:	42	Resp:	5750
Ion	Ratio	Lower	Upper
42	100		
72	36.5	27.1	40.7
71	30.5	26.2	39.4

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#33

1,2-Dichloroethane-d4

Concen: 57.396 ug/l

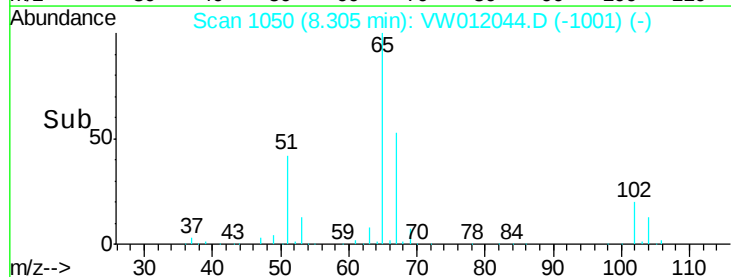
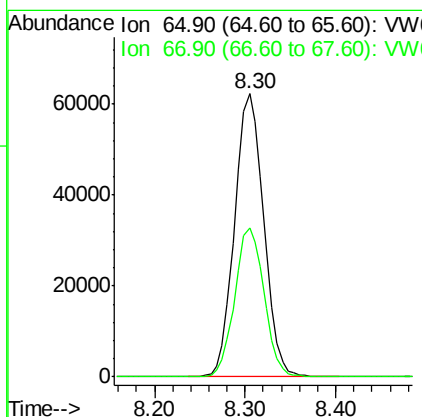
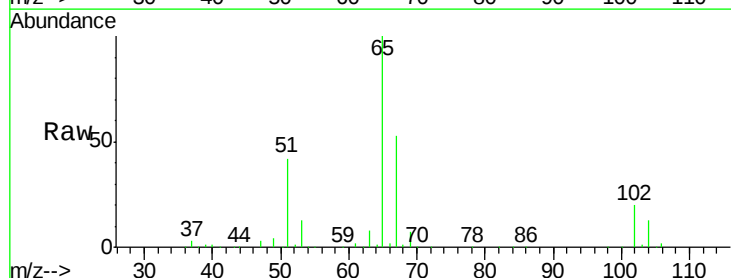
RT: 8.30 min Scan# 1050

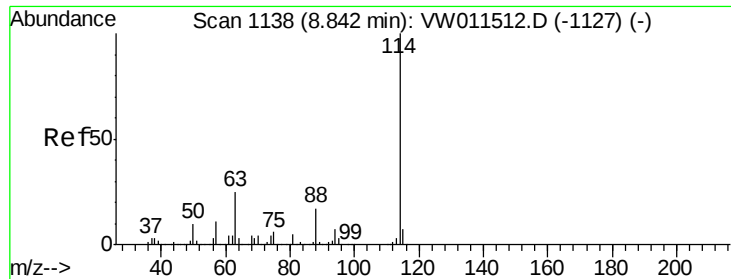
Delta R.T. -0.00 min

Lab File: VW012044.D

Acq: 20 Aug 2019 21:47

Tgt Ion:	65	Resp:	138736
Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	105.2





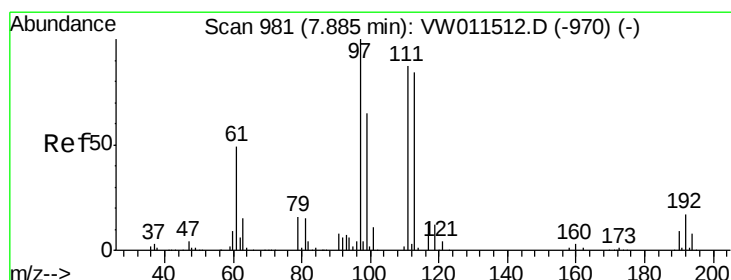
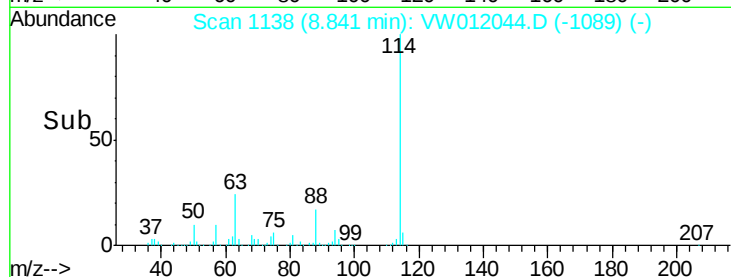
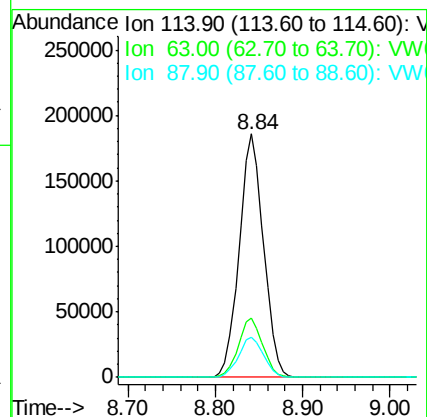
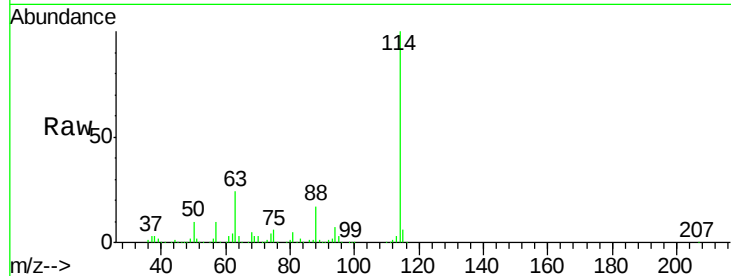
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW012044.D
Acq: 20 Aug 2019 21:47

Instrument :
MSVOA_W
ClientSampleId :
T6-D-(2)

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	24.3	0.0	49.2
88	16.6	0.0	33.8

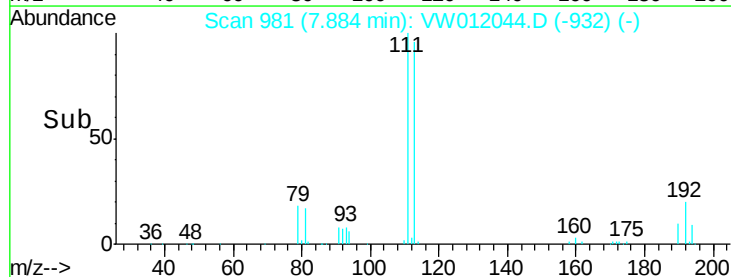
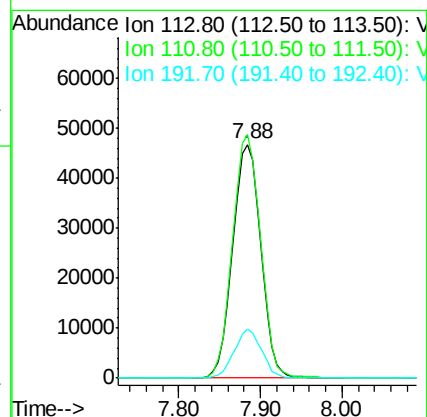
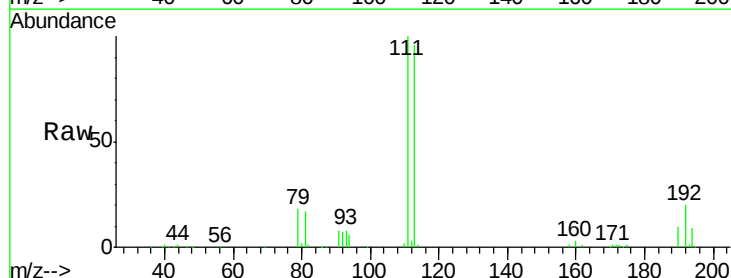
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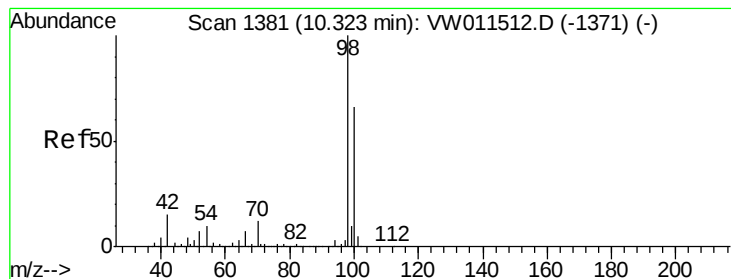
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#35
Dibromofluoromethane
Concen: 55.214 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW012044.D
Acq: 20 Aug 2019 21:47

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	103.6	82.7	124.1
192	20.3	16.1	24.1





#50

Toluene-d8

Concen: 48.677 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012044.D

Acq: 20 Aug 2019 21:47

Instrument :

MSVOA_W

ClientSampleId :

T6-D-(2)

Tot Ion: 98 Resp: 402159

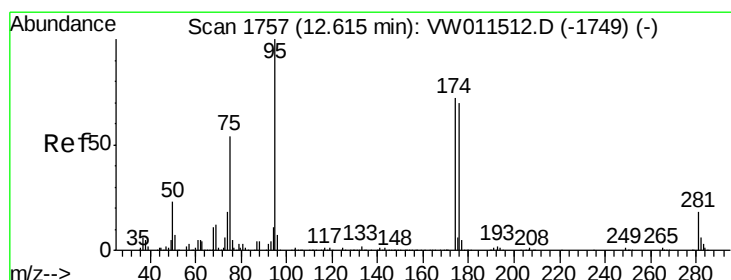
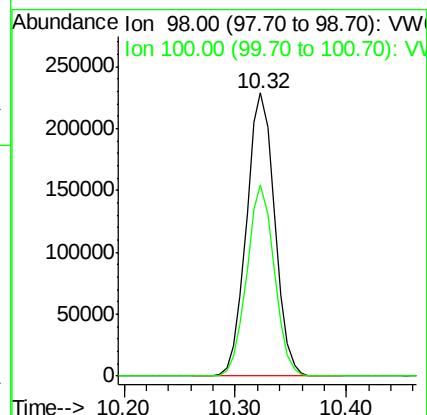
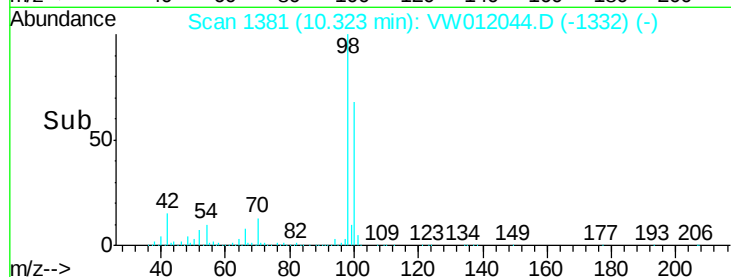
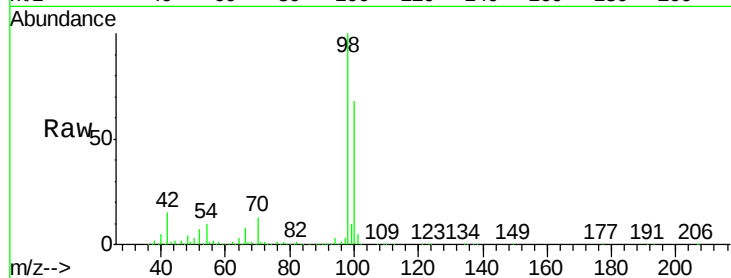
Ion Ratio Lower Upper

98 100

100 65.8 52.7 79.1

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#62

4-Bromofluorobenzene

Concen: 32.859 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012044.D

Acq: 20 Aug 2019 21:47

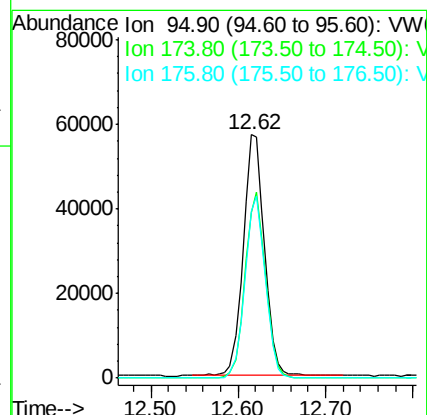
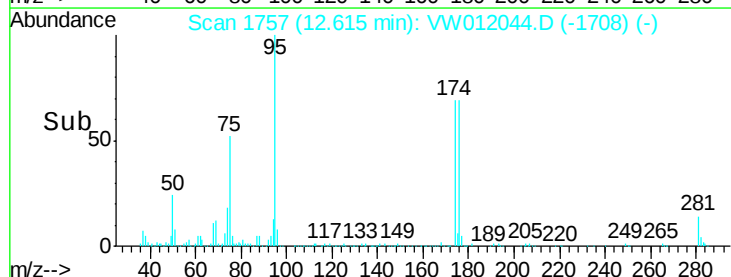
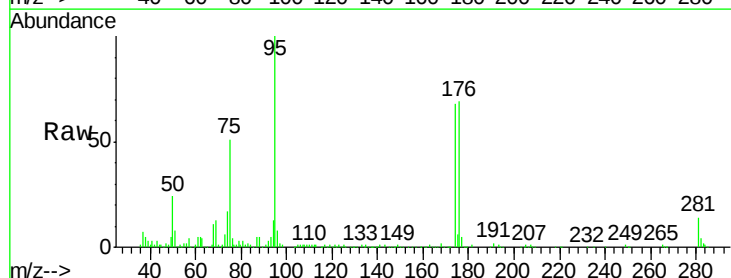
Tgt Ion: 95 Resp: 96787

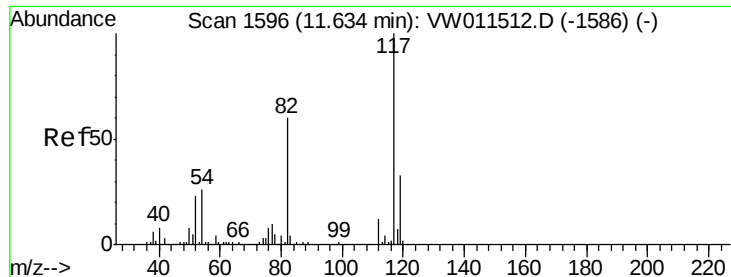
Ion Ratio Lower Upper

95 100

174 73.9 0.0 150.2

176 71.9 0.0 144.4





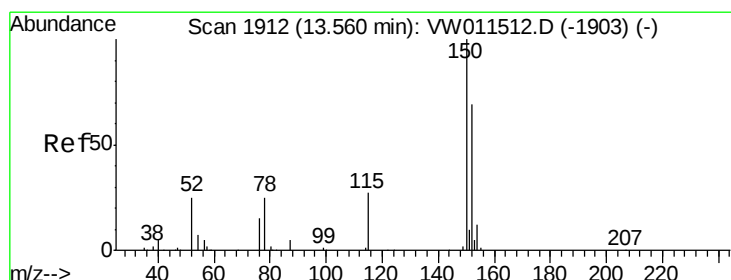
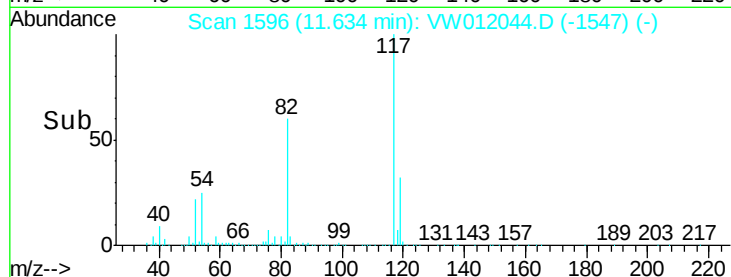
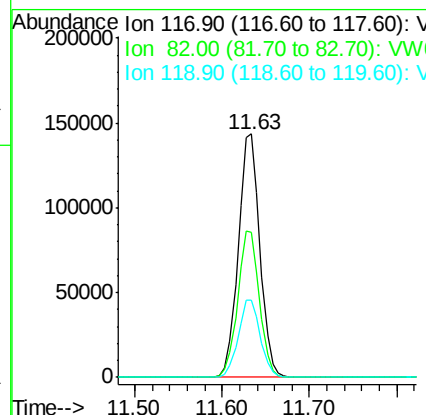
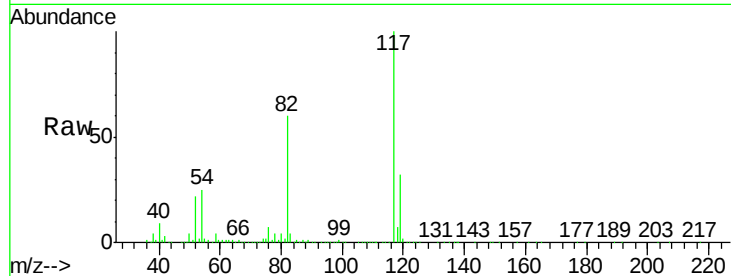
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012044.D
Acq: 20 Aug 2019 21:47

Instrument :
MSVOA_W
ClientSampleId :
T6-D-(2)

Tot Ion	Ratio	Resp	Lower	Upper
117	100	246867		
82	59.6		47.9	71.9
119	31.8		26.2	39.2

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012044.D
Acq: 20 Aug 2019 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	56097		
115	59.6		30.5	91.5
150	154.0		0.0	352.6

