

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091019\
 Data File : VW012902.D
 Acq On : 11 Sep 2019 06:39
 Operator : SY/VA
 Sample : K4680-09
 Misc : 4.40G/5ML/MSVOA W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T2-3-(2)

Quant Time: Sep 11 08:39:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

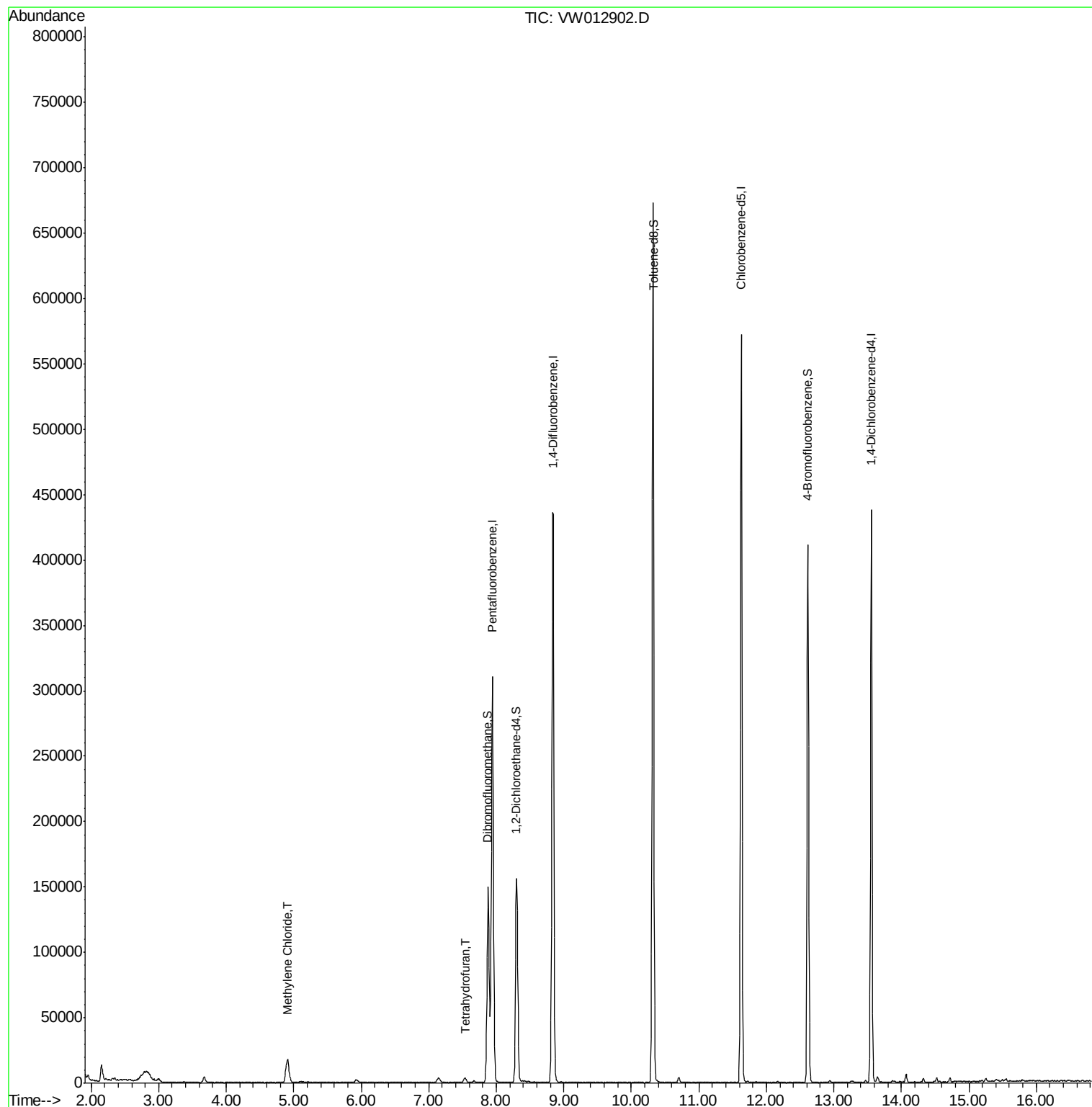
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	239889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	362659	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	307030	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	113168	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	133145	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
35) Dibromofluoromethane	7.88	113	105570	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
50) Toluene-d8	10.32	98	435275	51.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.06%	
62) 4-Bromofluorobenzene	12.62	95	129879	42.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.70%	
Target Compounds						
20) Methylene Chloride	4.92	84	13098	5.729	ug/l #	84
29) Tetrahydrofuran	7.54	42	2931	4.967	ug/l #	79

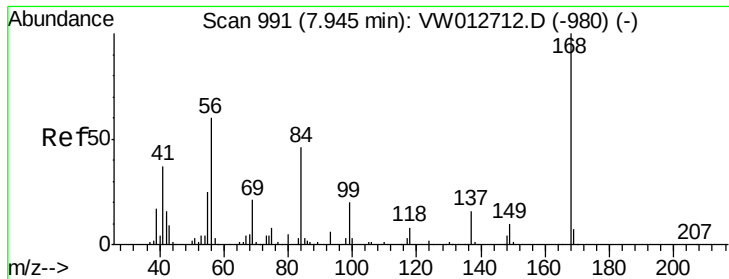
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Sep 08 05:04:40 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: VW012902.D

Acq: 11 Sep 2019 06:39

Instrument :

MSVOA_W

ClientSampleId :

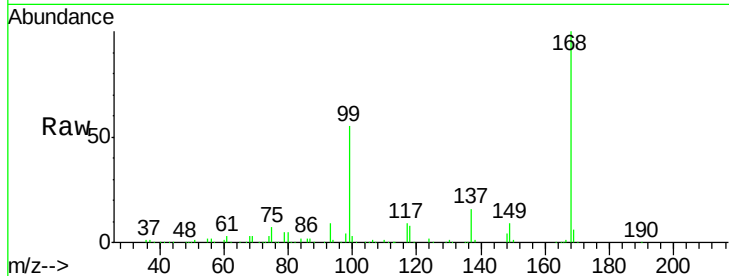
T2-3-(2)

Tot Ion:168 Resp: 239889

Ion Ratio Lower Upper

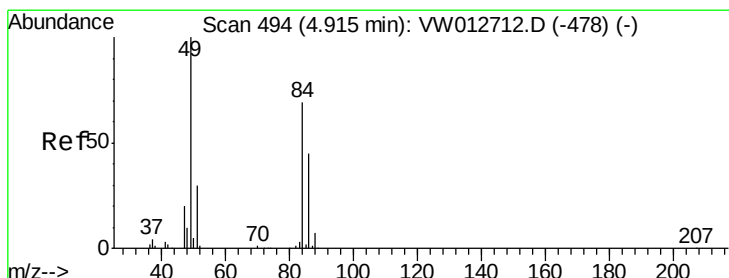
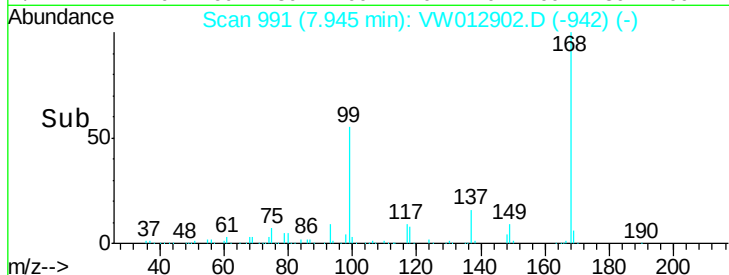
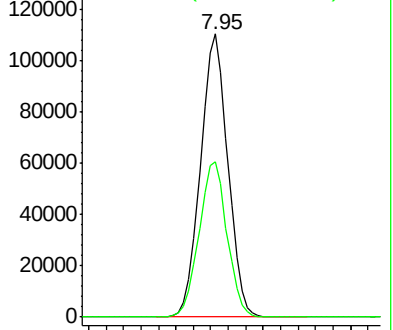
168 100

99 54.9 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 5.729 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW012902.D

Acq: 11 Sep 2019 06:39

Tgt Ion: 84 Resp: 13098

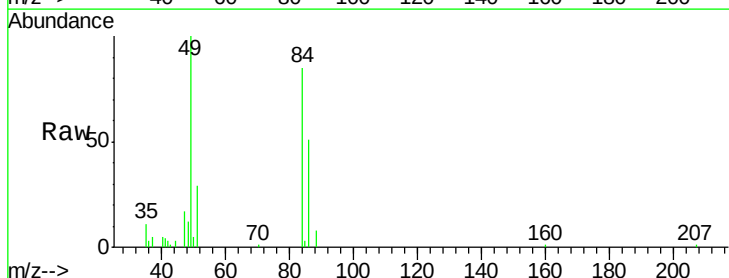
Ion Ratio Lower Upper

84 100

49 117.9 115.4 173.0

51 33.7 34.9 52.3#

86 60.2 52.2 78.4

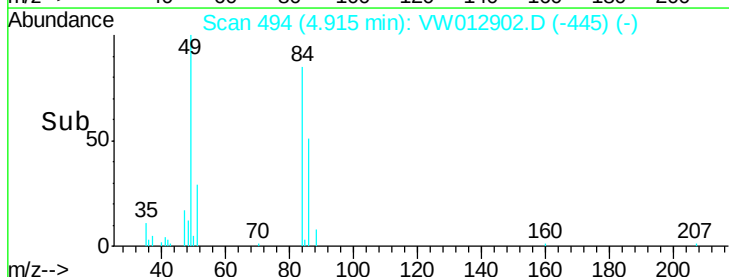
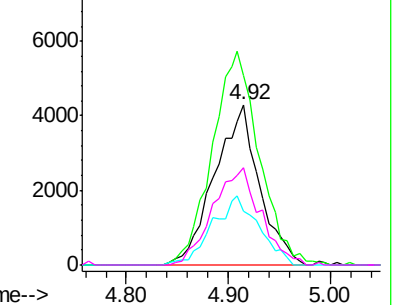


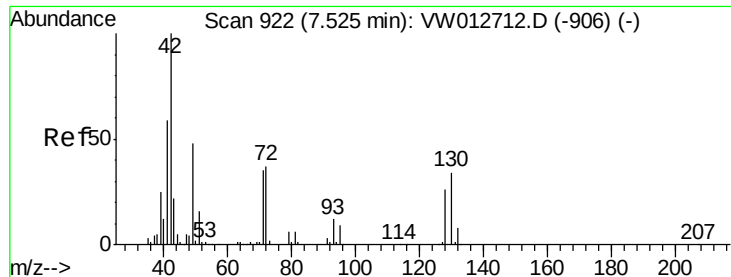
Abundance Ion 83.90 (83.60 to 84.60): VW

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

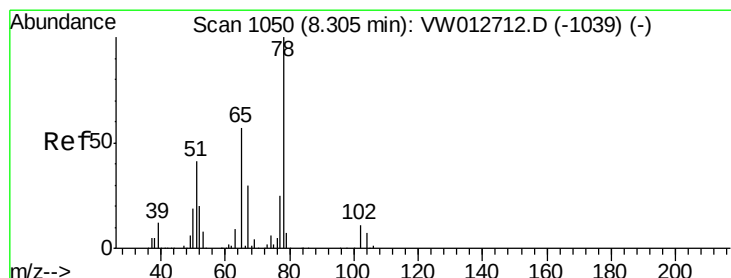
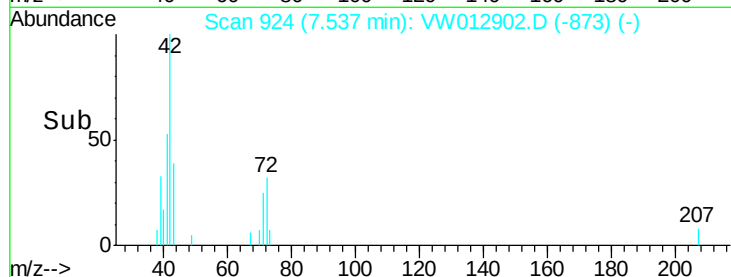
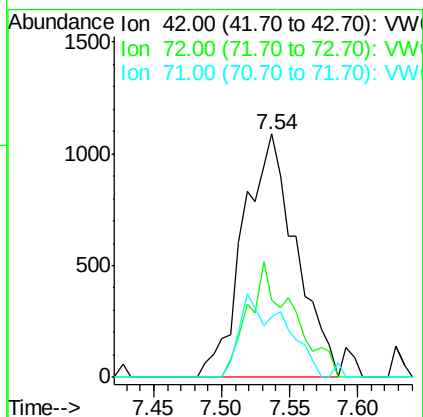
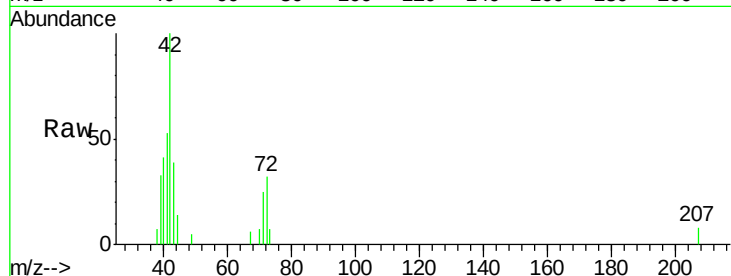




#29
Tetrahydrofuran
Concen: 4.967 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012902.D
Acq: 11 Sep 2019 06:39

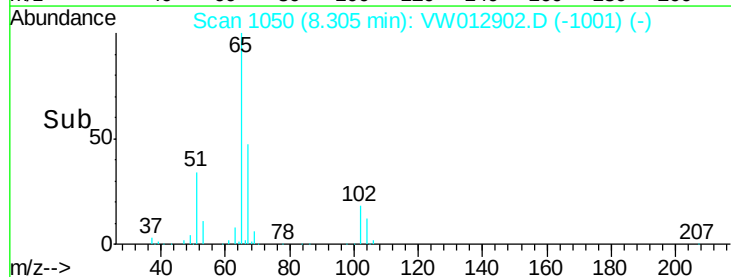
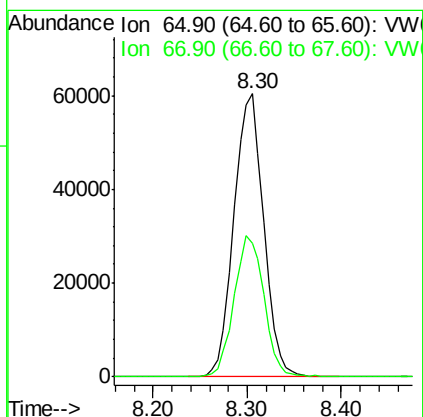
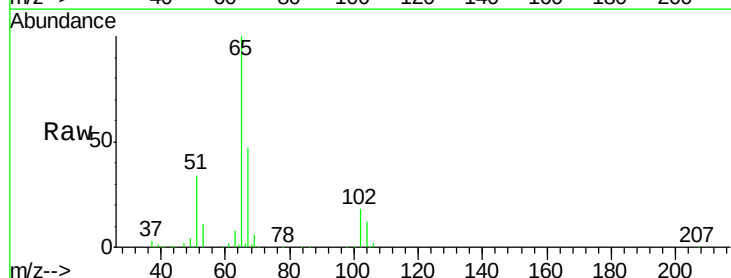
Instrument :
MSVOA_W
ClientSampled :
T2-3-(2)

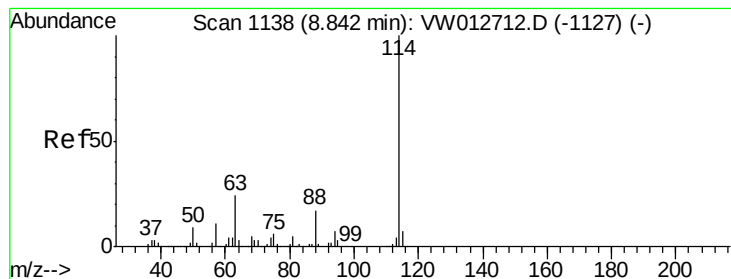
Tot Ion: 42 Resp: 2931
Ion Ratio Lower Upper
42 100
72 40.4 28.4 42.6
71 14.7 27.1 40.7#



#33
1,2-Dichloroethane-d4
Concen: 49.674 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012902.D
Acq: 11 Sep 2019 06:39

Tgt Ion: 65 Resp: 133145
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012902.D

Acq: 11 Sep 2019 06:39

Instrument :

MSVOA_W

ClientSampleId :

T2-3-(2)

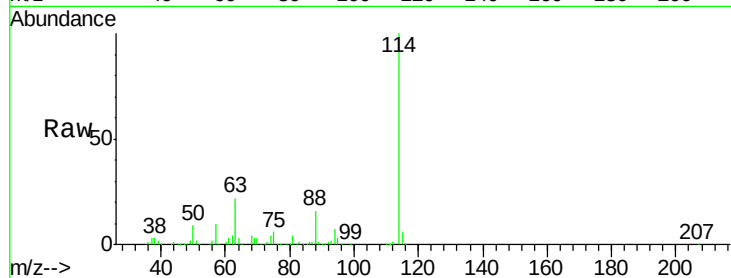
Tot Ion:114 Resp: 362659

Ion Ratio Lower Upper

114 100

63 22.5 0.0 47.2

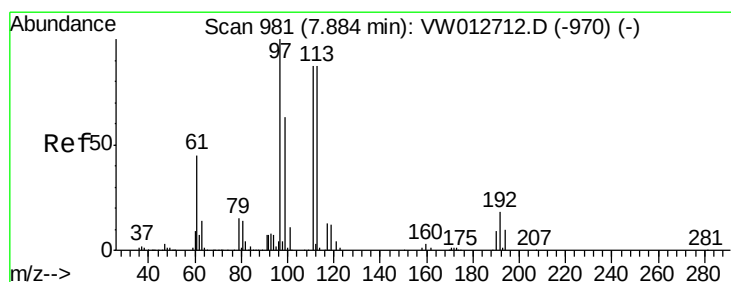
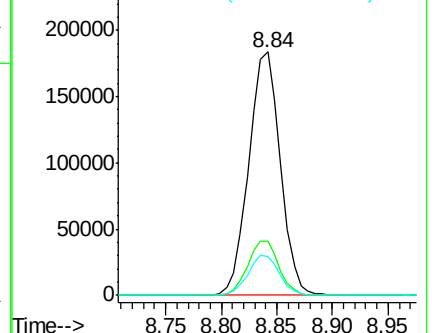
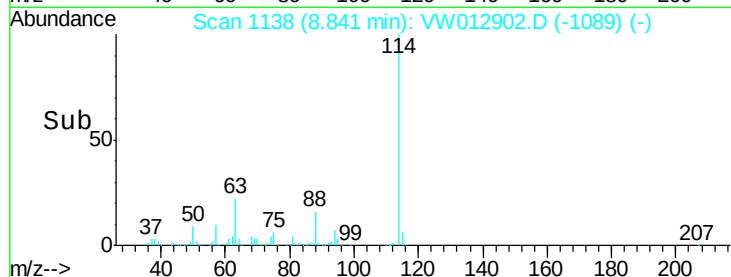
88 16.1 0.0 34.0



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: 48.963 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012902.D

Acq: 11 Sep 2019 06:39

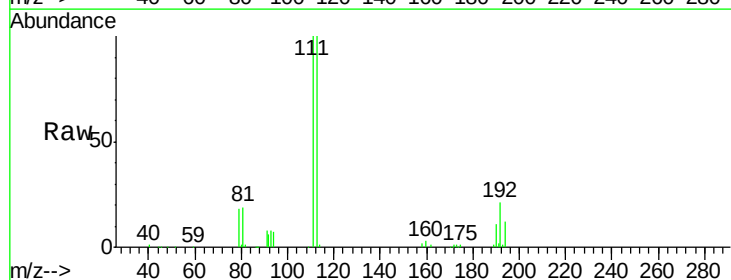
Tgt Ion:113 Resp: 105570

Ion Ratio Lower Upper

113 100

111 102.3 80.2 120.4

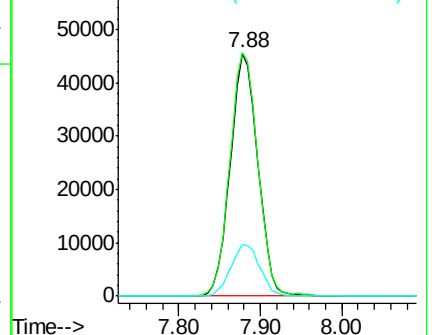
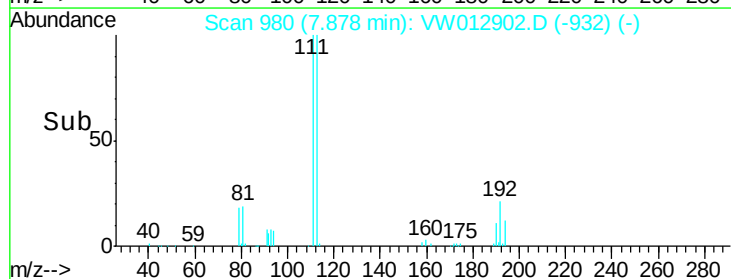
192 22.3 17.3 25.9

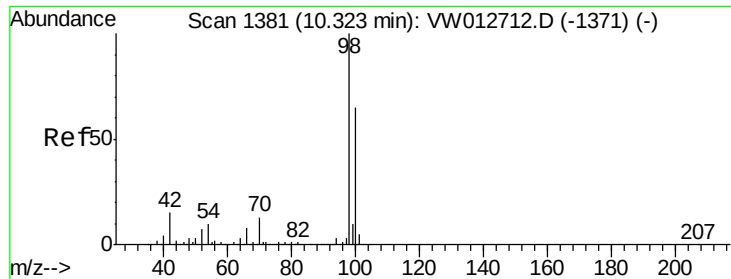


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

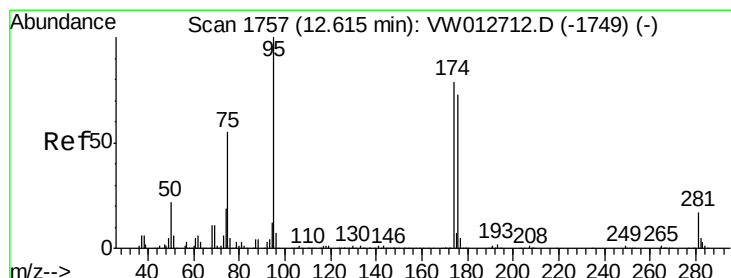
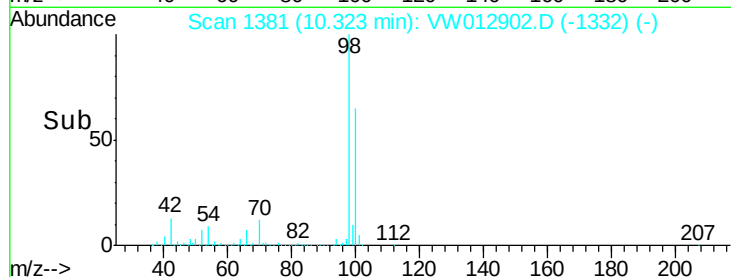
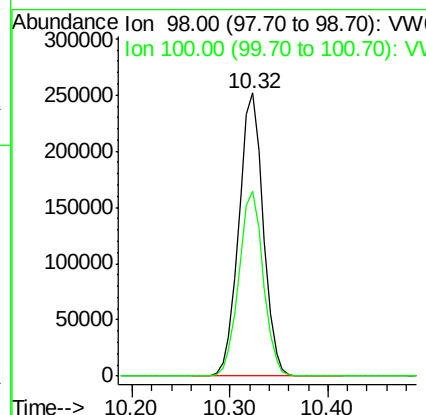
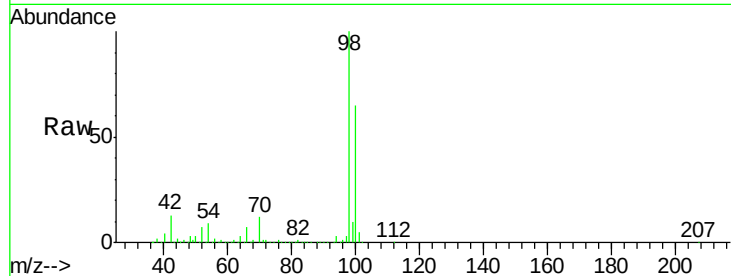




#50
Toluene-d8
Concen: 51.529 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012902.D
Acq: 11 Sep 2019 06:39

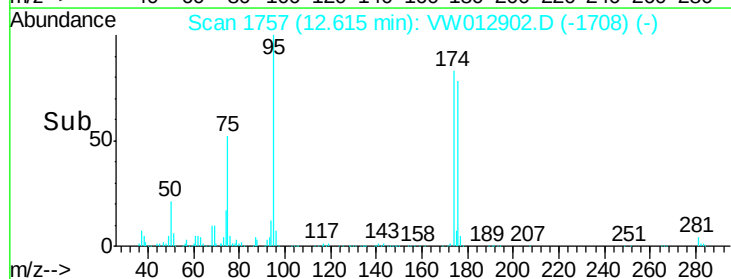
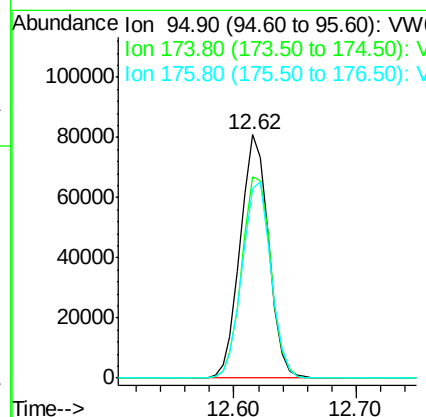
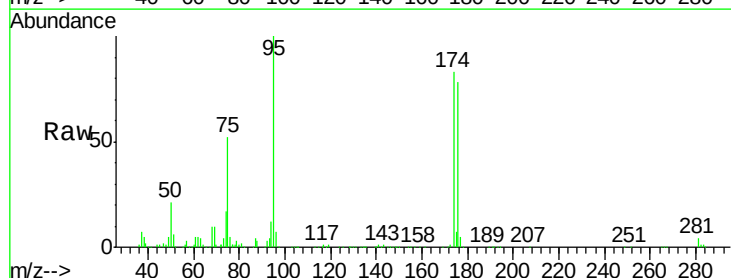
Instrument :
MSVOA_W
ClientSampled :
T2-3-(2)

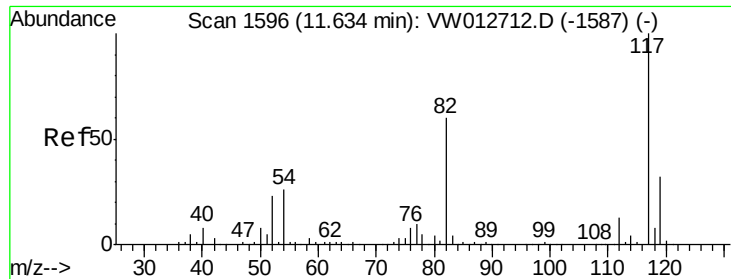
Tot Ion: 98 Resp: 435275
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 42.353 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012902.D
Acq: 11 Sep 2019 06:39

Tgt Ion: 95 Resp: 129879
Ion Ratio Lower Upper
95 100
174 85.1 0.0 161.0
176 82.1 0.0 156.4

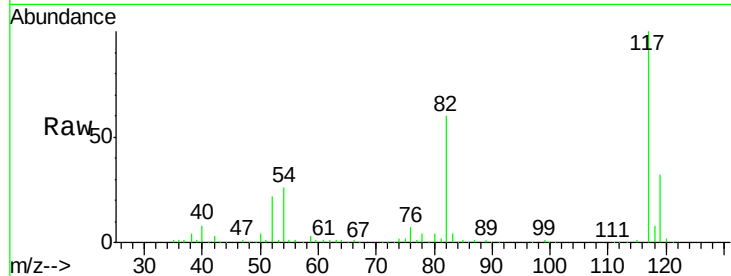




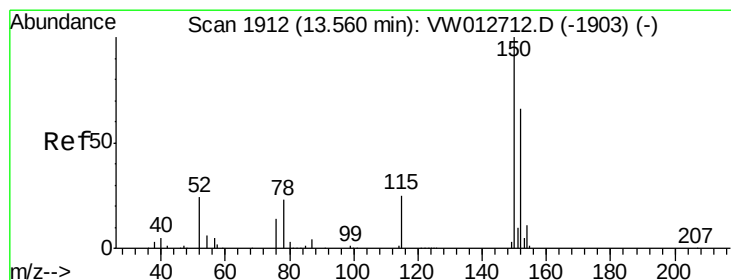
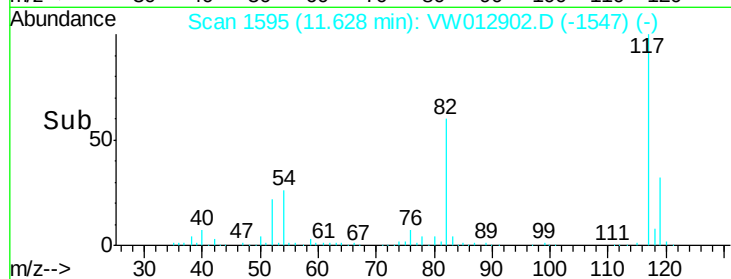
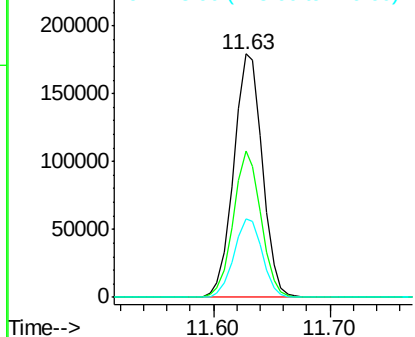
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012902.D
Acq: 11 Sep 2019 06:39

Instrument :
MSVOA_W
ClientSampleId :
T2-3-(2)

Tot Ion:117 Resp: 307030
Ion Ratio Lower Upper
117 100
82 60.3 48.2 72.4
119 32.4 25.8 38.6

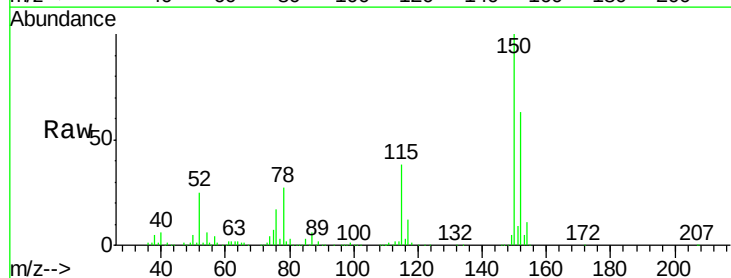


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012902.D
Acq: 11 Sep 2019 06:39

Tgt Ion:152 Resp: 113168
Ion Ratio Lower Upper
152 100
115 58.4 30.0 90.1
150 156.2 0.0 349.0



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

