

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012219\
 Data File : VW008393.D
 Acq On : 22 Jan 2019 17:13
 Operator : SY/VA
 Sample : K1220-04RE
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T-1ARE

Quant Time: Jan 23 02:49:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:57:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	63704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	117157	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	107907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	48189	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	27536	41.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.10%	
35) Dibromofluoromethane	7.88	113	25268	33.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.58%	
50) Toluene-d8	10.32	98	89935	30.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.22%	
62) 4-Bromofluorobenzene	12.62	95	28733	27.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	54.54%	

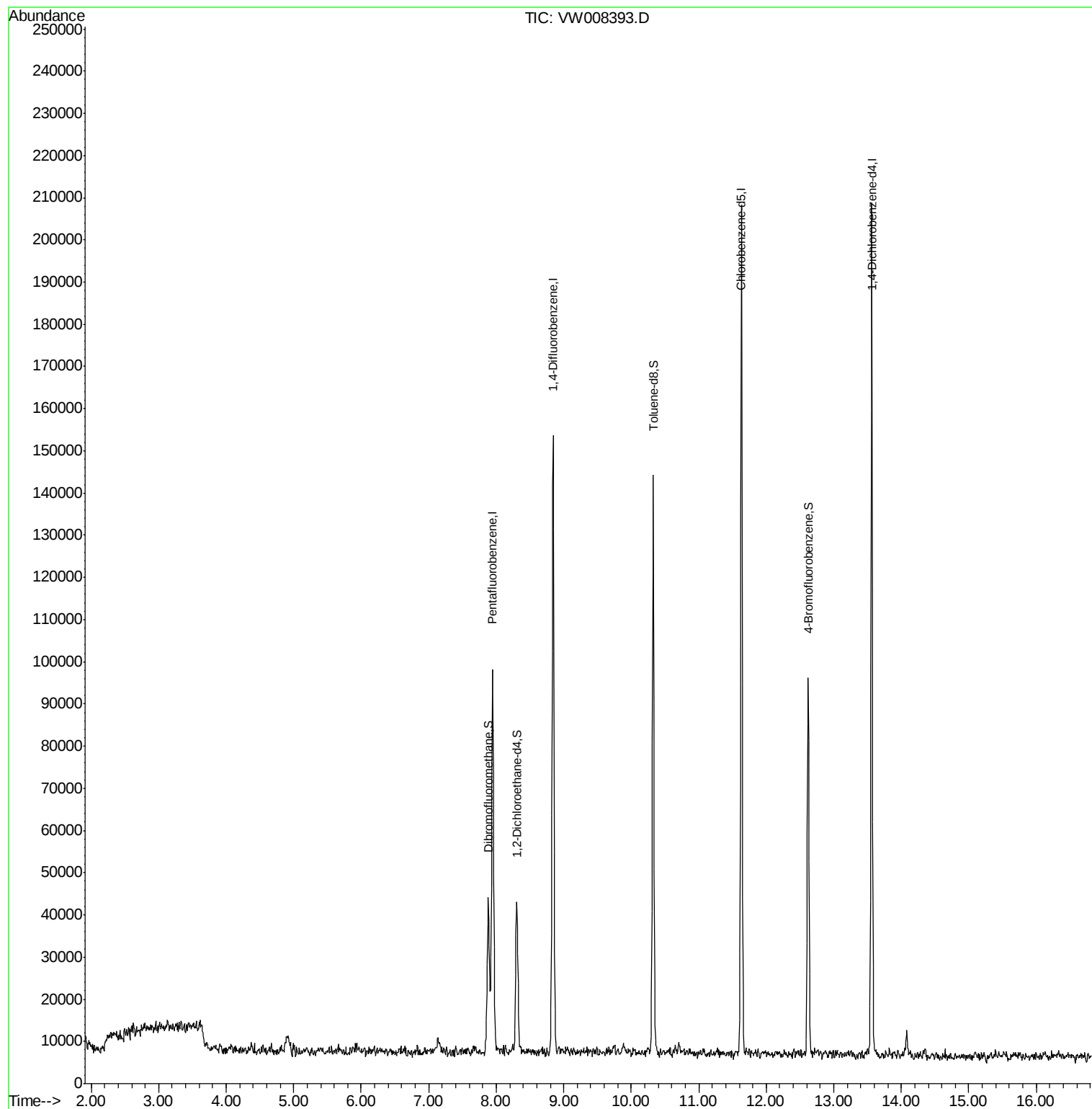
Target Compounds	Qvalue

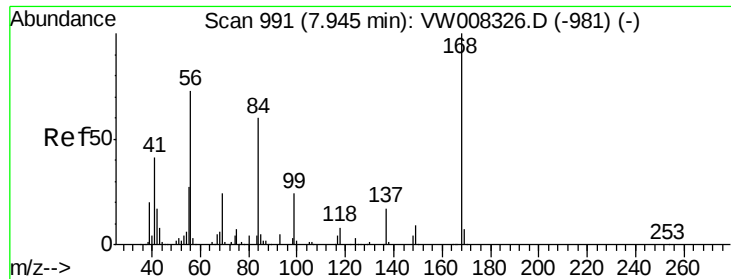
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008393.D

Acq: 22 Jan 2019 17:13

Instrument :

MSVOA_W

ClientSampleId :

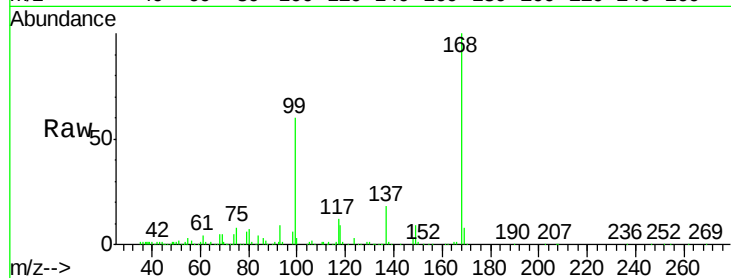
T-1ARE

Tot Ion:168 Resp: 63704

Ion Ratio Lower Upper

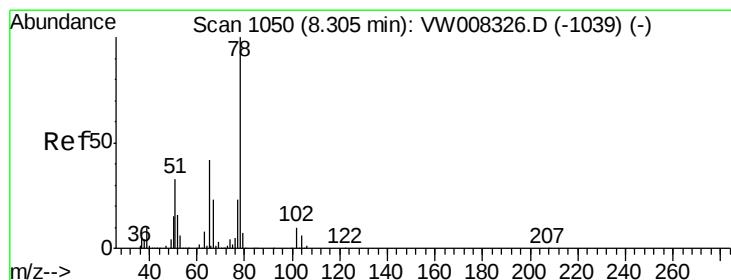
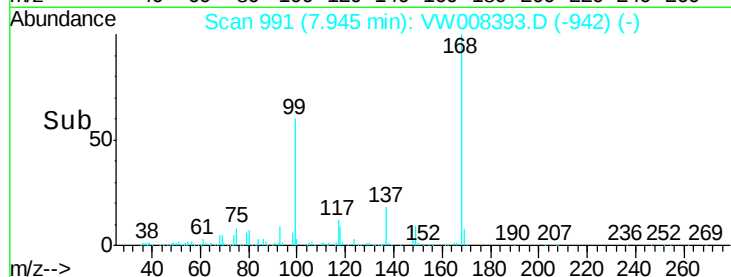
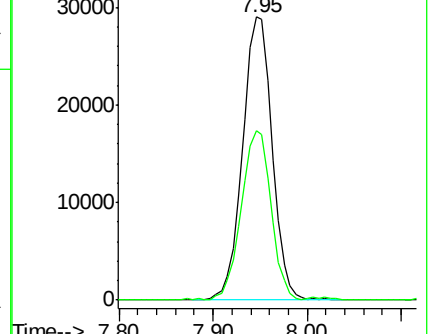
168 100

99 60.0 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 41.553 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008393.D

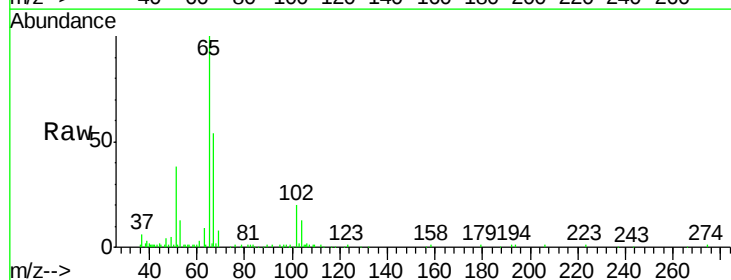
Acq: 22 Jan 2019 17:13

Tgt Ion: 65 Resp: 27536

Ion Ratio Lower Upper

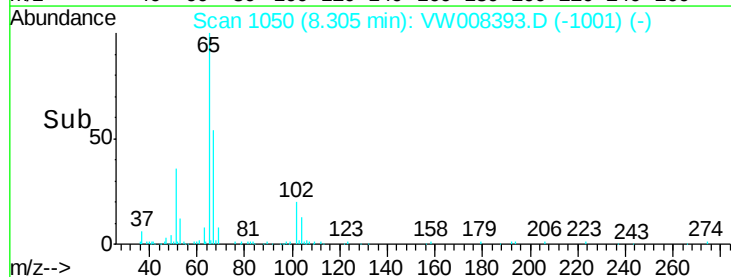
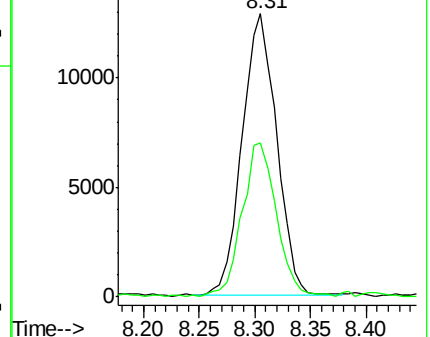
65 100

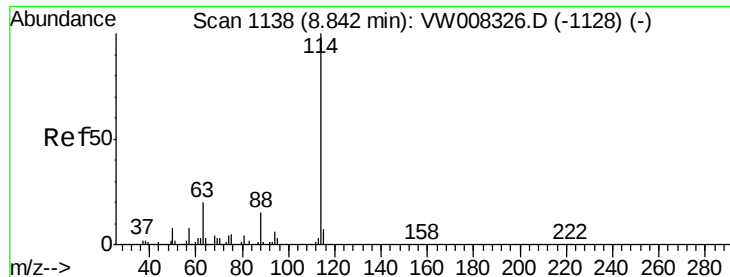
67 55.2 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

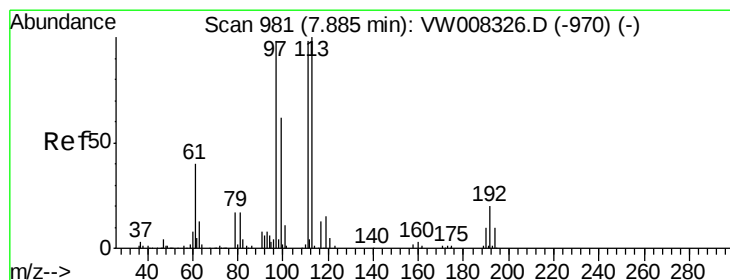
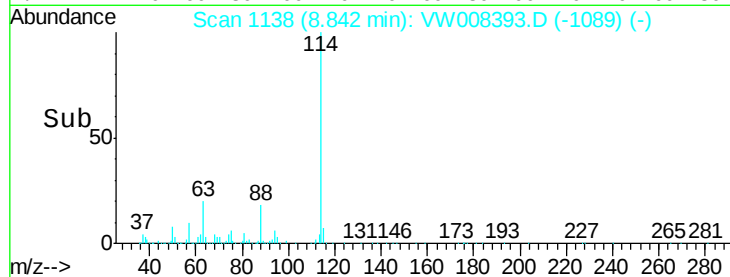
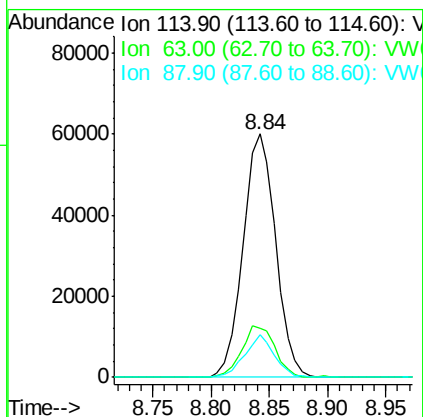
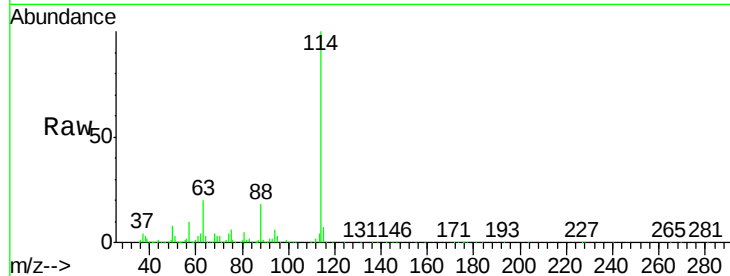




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008393.D
Acq: 22 Jan 2019 17:13

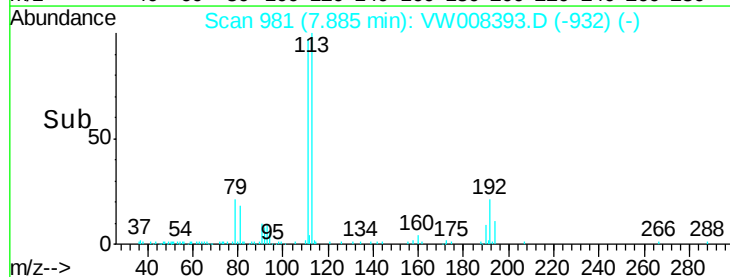
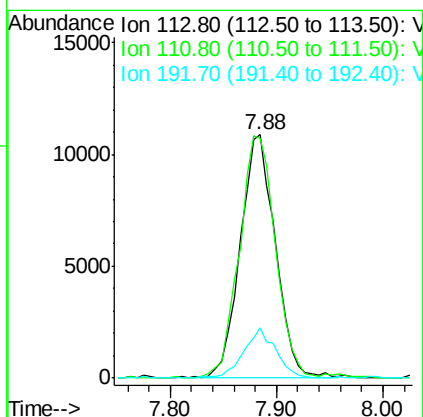
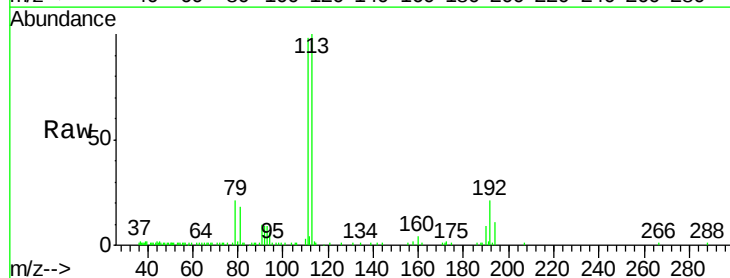
Instrument :
MSVOA_W
ClientSampleId :
T-1ARE

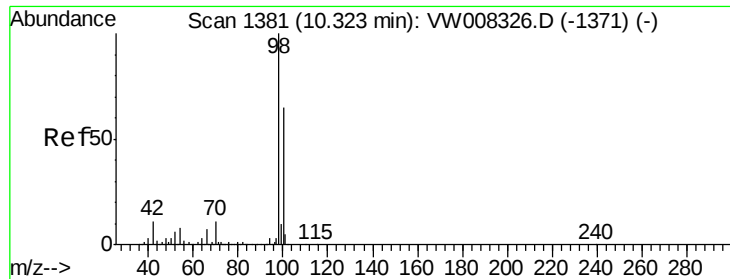
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	40.8
88	17.7	0.0	30.4



#35
Dibromofluoromethane
Concen: 33.787 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008393.D
Acq: 22 Jan 2019 17:13

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.8	122.8
192	19.0	16.3	24.5





#50

Toluene-d8

Concen: 30.611 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008393.D

Acq: 22 Jan 2019 17:13

Instrument :

MSVOA_W

ClientSampleId :

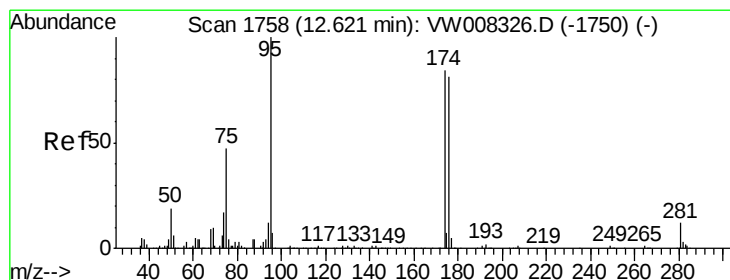
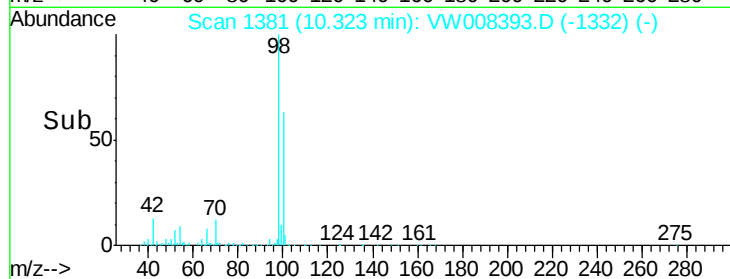
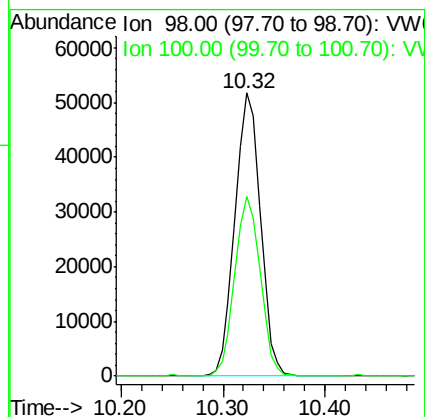
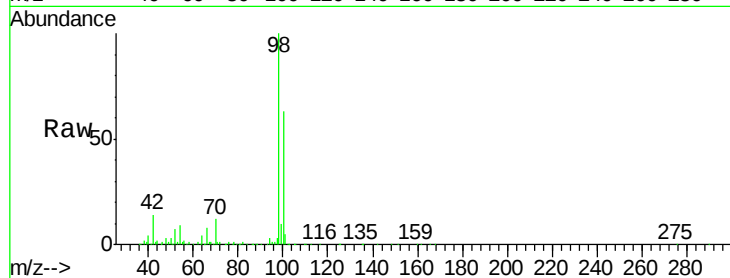
T-1ARE

Tot Ion: 98 Resp: 89935

Ion Ratio Lower Upper

98 100

100 63.1 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 27.269 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008393.D

Acq: 22 Jan 2019 17:13

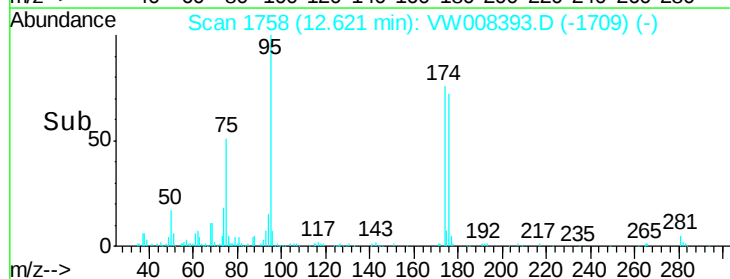
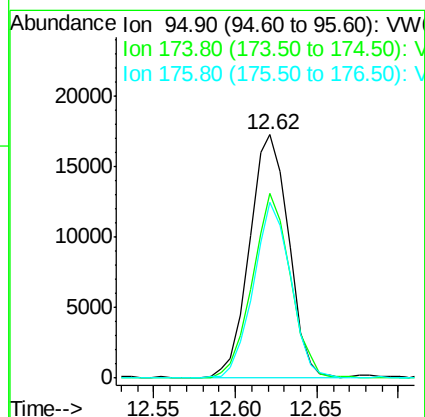
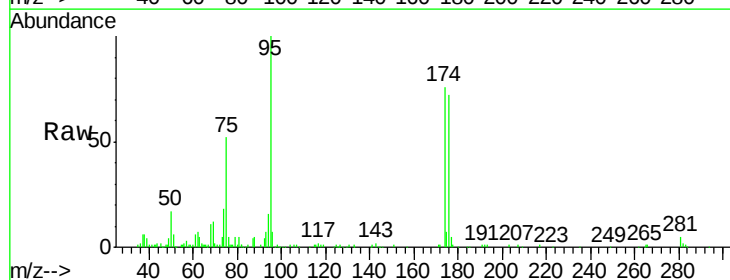
Tgt Ion: 95 Resp: 28733

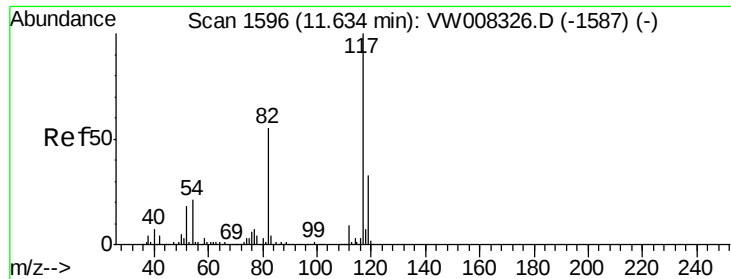
Ion Ratio Lower Upper

95 100

174 73.9 0.0 166.0

176 68.8 0.0 160.0

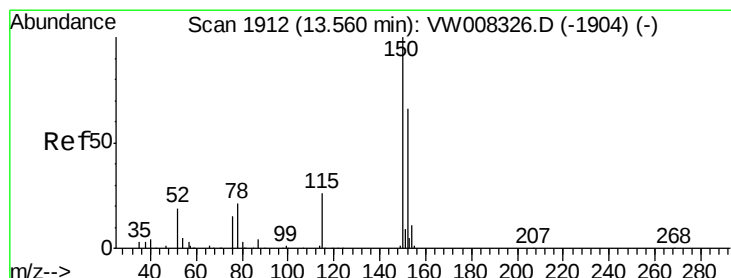
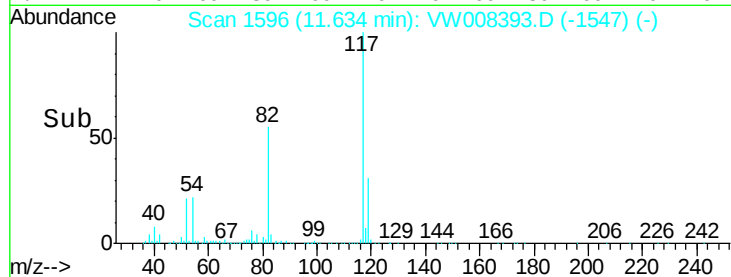
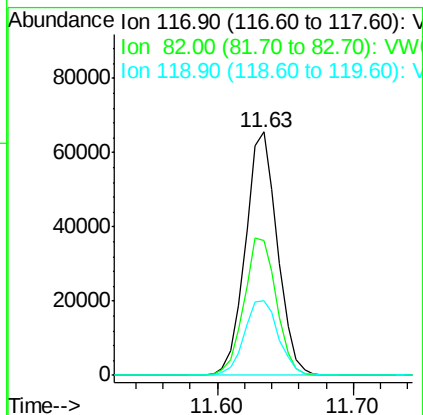
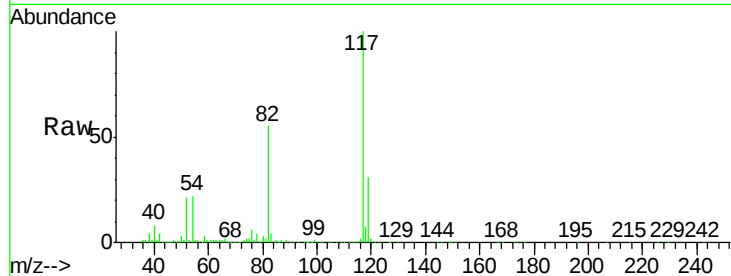




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008393.D
Acq: 22 Jan 2019 17:13

Instrument :
MSVOA_W
ClientSampleId :
T-1ARE

Tot Ion:117 Resp: 107907
Ion Ratio Lower Upper
117 100
82 55.3 44.3 66.5
119 30.9 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008393.D
Acq: 22 Jan 2019 17:13

Tgt Ion:152 Resp: 48189
Ion Ratio Lower Upper
152 100
115 60.8 28.8 86.4
150 154.0 0.0 351.4

