

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102419\
 Data File : VW013721.D
 Acq On : 24 Oct 2019 19:46
 Operator : SY/VA
 Sample : K5502-10RE
 Misc : 5.15G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 179-76-(2.1)RE

Quant Time: Oct 25 08:24:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	248765	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	378834	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	262264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	67934	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	106280	56.95	ug/l	0.00
Spiked Amount			Recovery	=	113.90%	
35) Dibromofluoromethane	7.88	113	111224	52.84	ug/l	0.00
Spiked Amount			Recovery	=	105.68%	
50) Toluene-d8	10.32	98	405254	47.25	ug/l	0.00
Spiked Amount			Recovery	=	94.50%	
62) 4-Bromofluorobenzene	12.62	95	89372	30.77	ug/l	0.00
Spiked Amount			Recovery	=	61.54%	

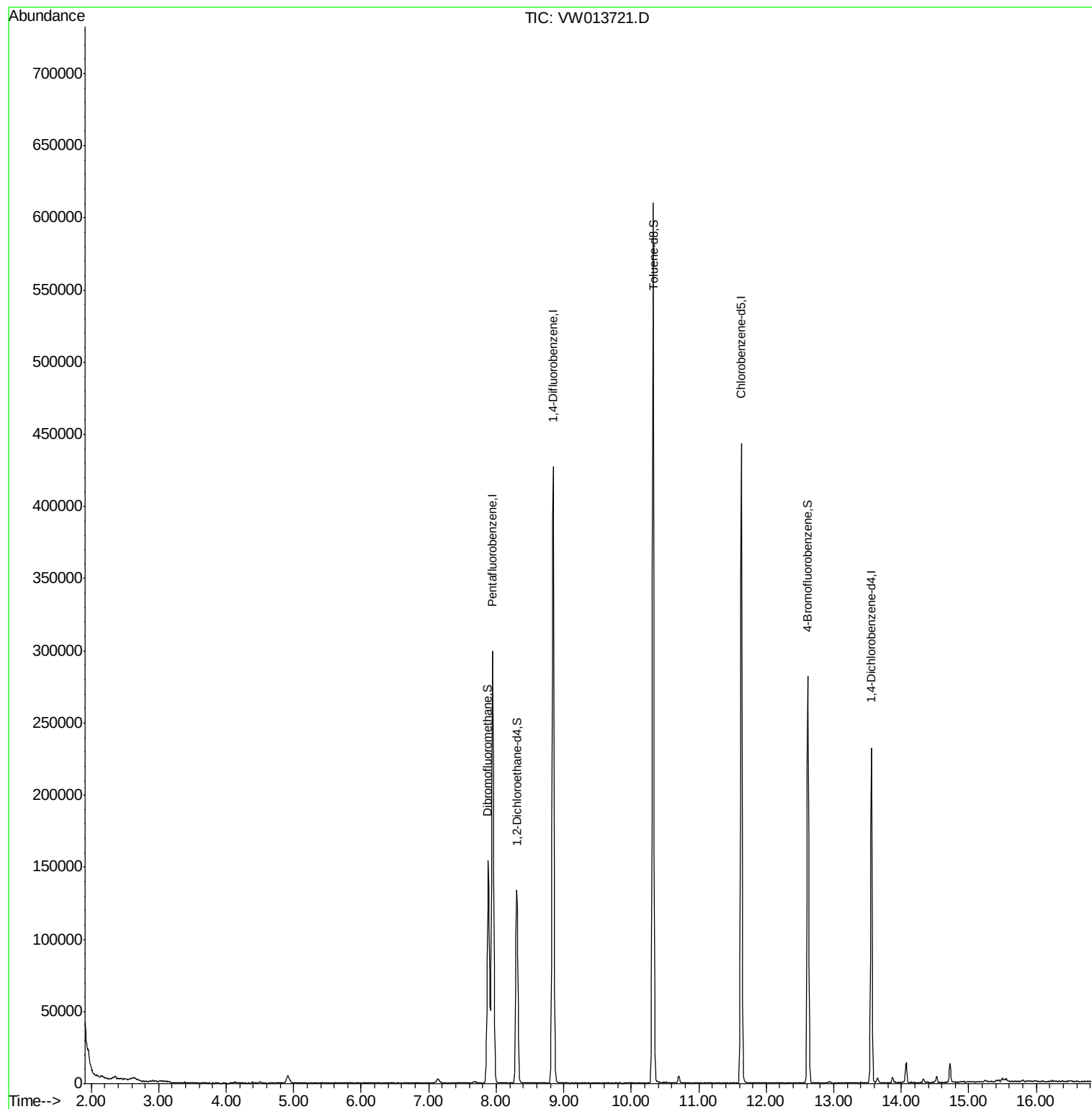
Target Compounds	Qvalue
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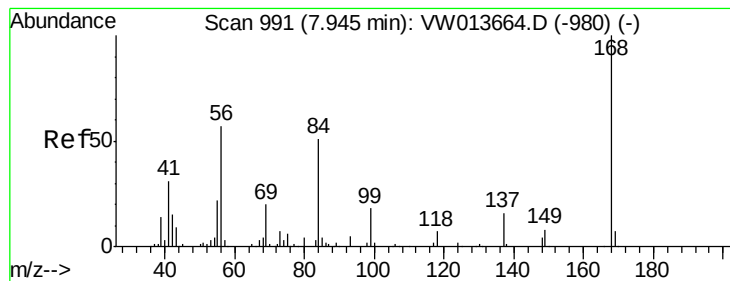
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW013721.D

Acq: 24 Oct 2019 19:46

Instrument :

MSVOA_W

ClientSampleId :

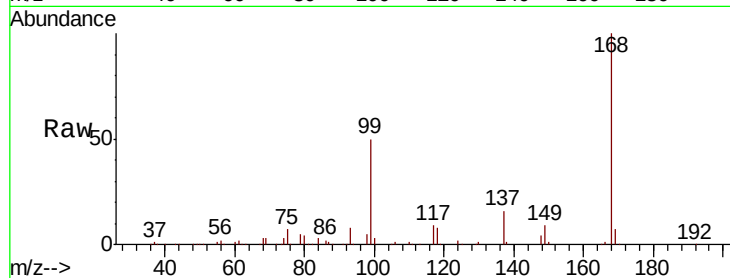
179-76-(2.1)RE

Tot Ion:168 Resp: 248765

Ion Ratio Lower Upper

168 100

99 50.1 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

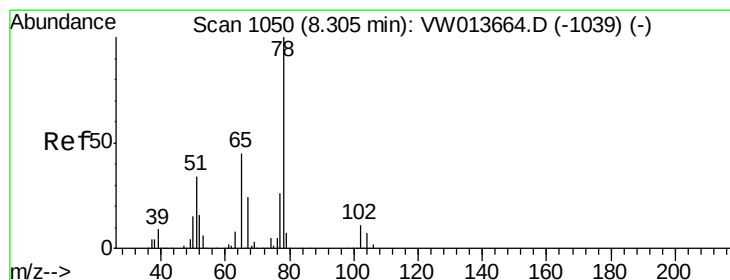
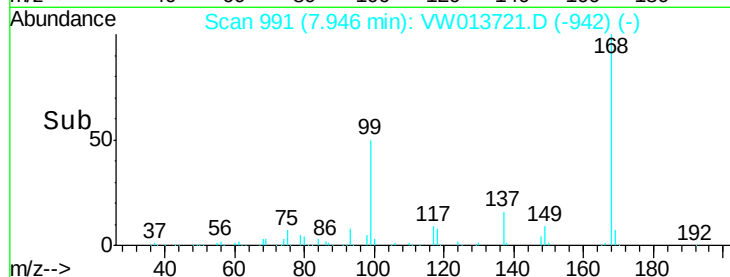
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.952 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013721.D

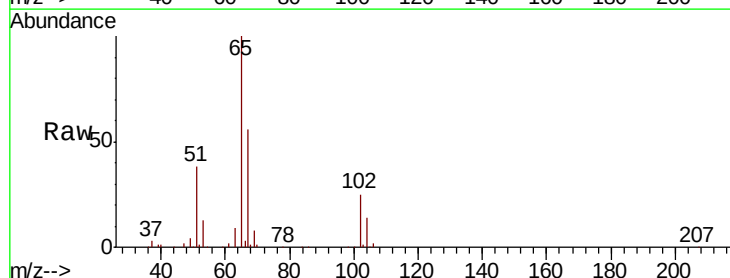
Acq: 24 Oct 2019 19:46

Tgt Ion: 65 Resp: 106280

Ion Ratio Lower Upper

65 100

67 53.7 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

50000

40000

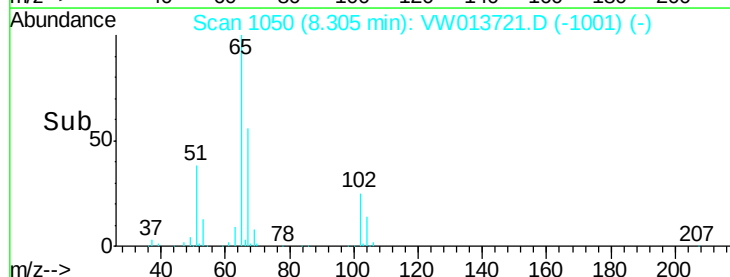
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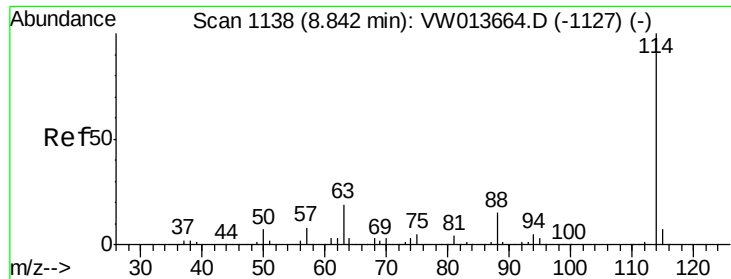
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10000

0

Time-->

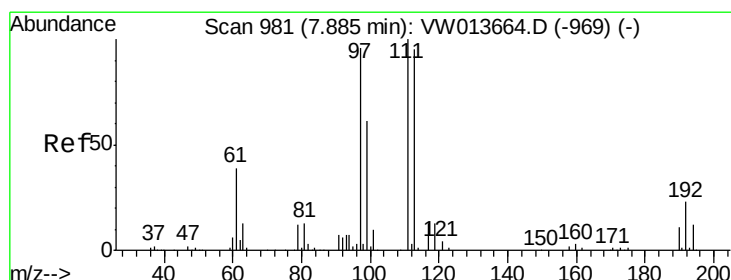
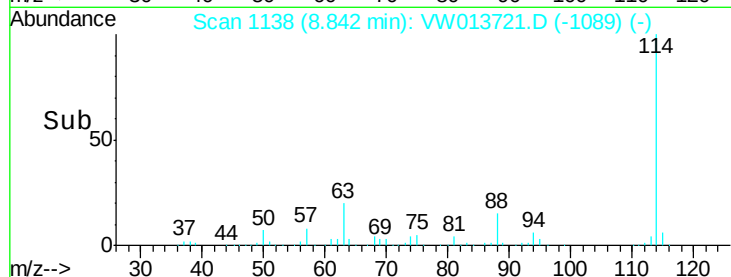
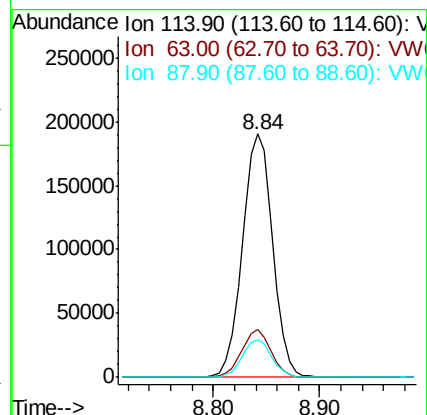
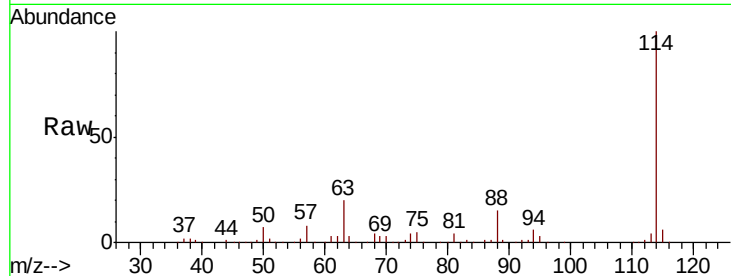




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013721.D
 Acq: 24 Oct 2019 19:46

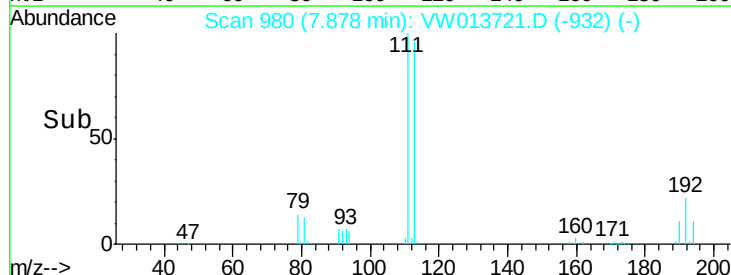
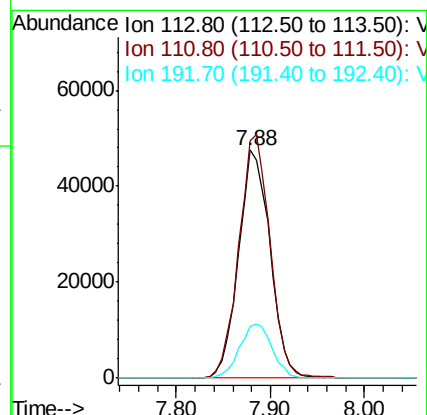
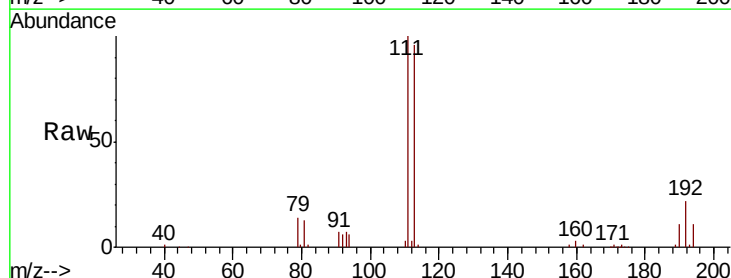
Instrument :
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 ClientSampleId :
 179-76-(2.1)RE

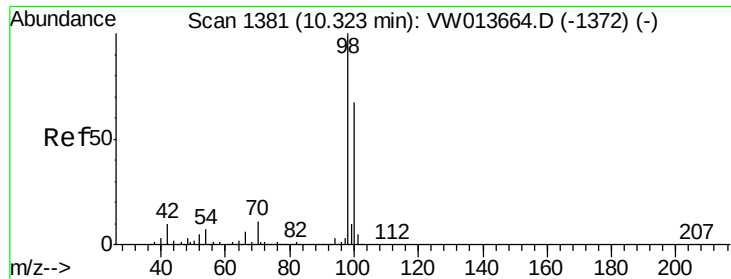
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	37.6
88	15.3	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 52.838 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW013721.D
 Acq: 24 Oct 2019 19:46

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.5	83.0	124.6
192	24.6	19.4	29.2

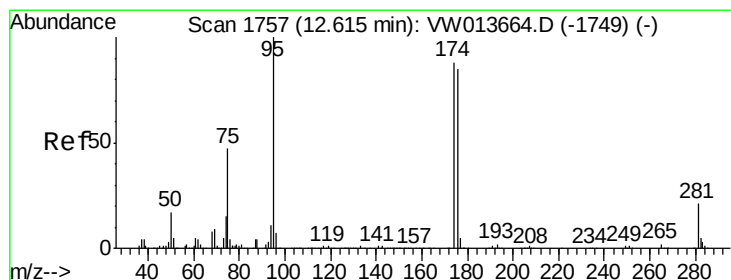
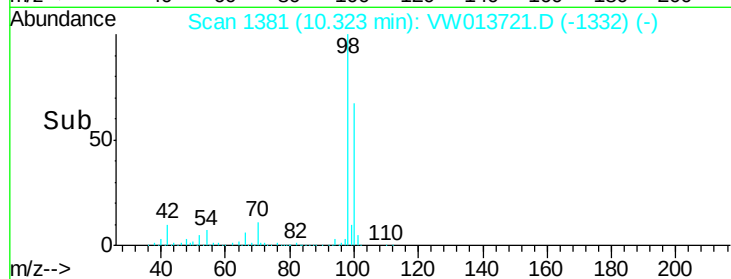
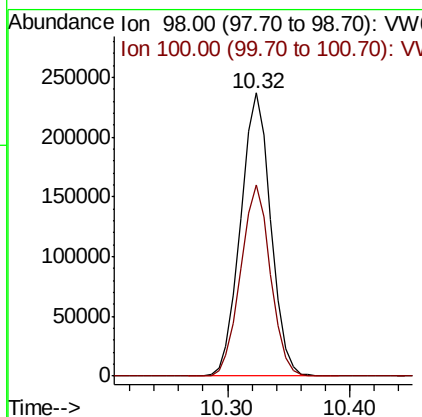
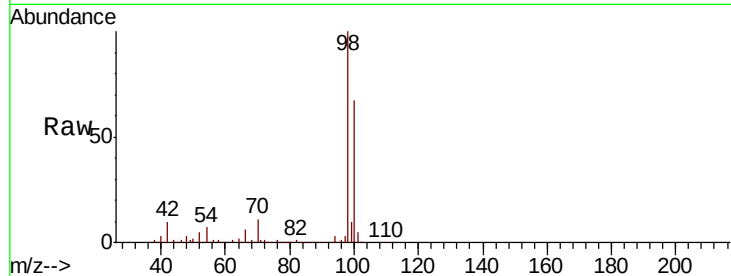




#50
Toluene-d8
Concen: 47.247 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013721.D
Acq: 24 Oct 2019 19:46

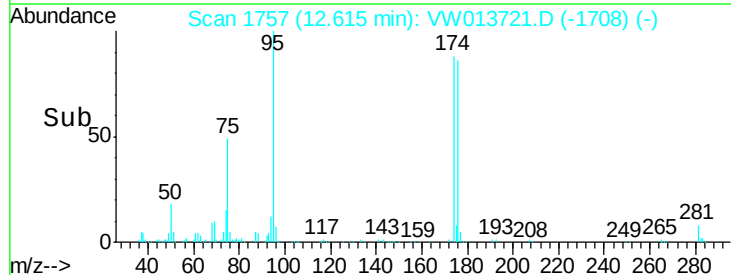
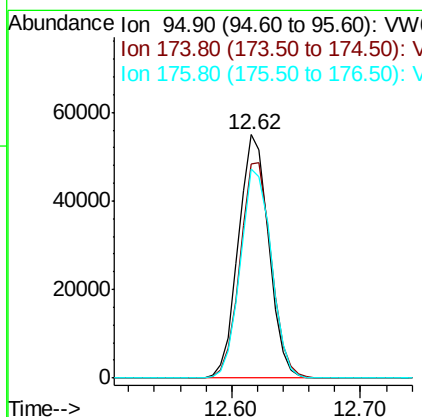
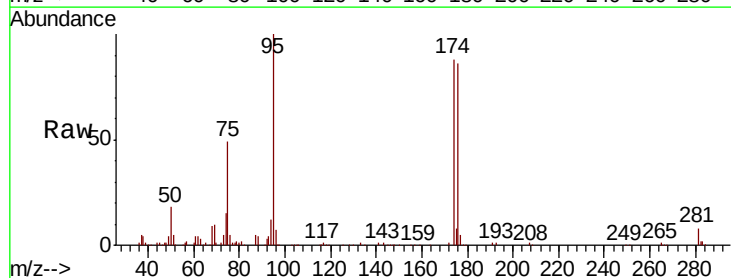
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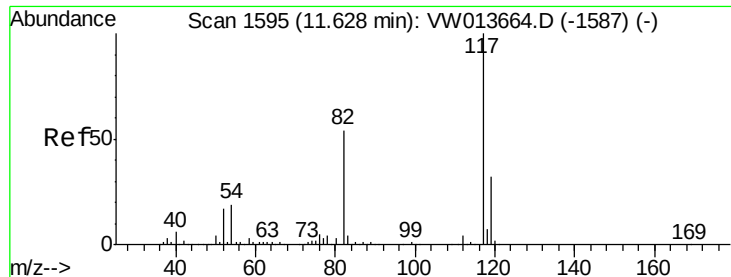
Tot Ion: 98 Resp: 405254
Ion Ratio Lower Upper
98 100
100 66.6 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 30.772 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013721.D
Acq: 24 Oct 2019 19:46

Tgt Ion: 95 Resp: 89372
Ion Ratio Lower Upper
95 100
174 90.8 0.0 183.6
176 87.7 0.0 178.0

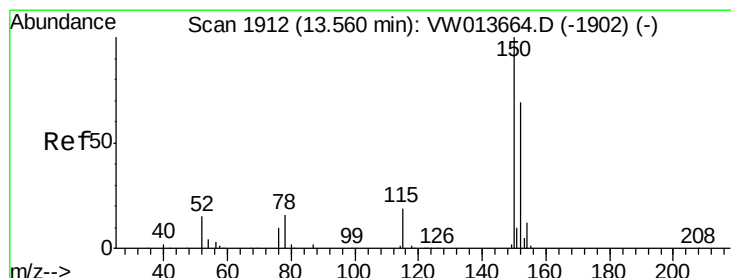
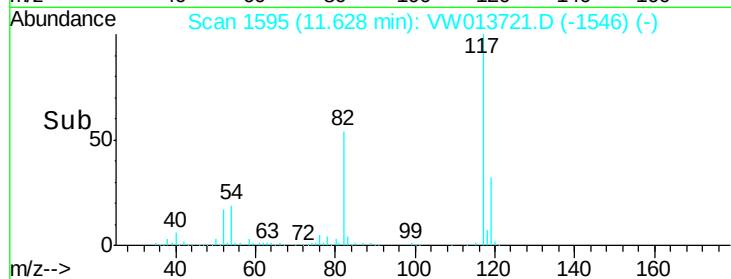
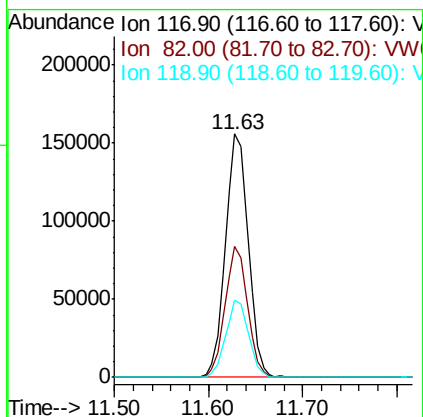
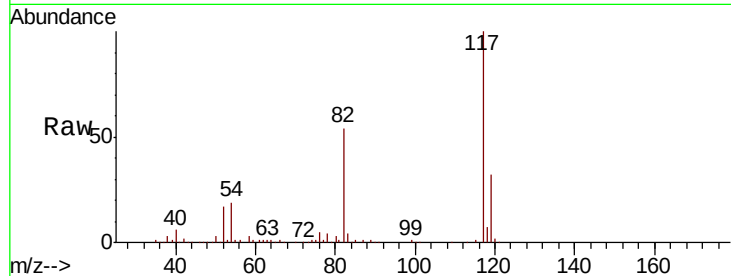




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013721.D
Acq: 24 Oct 2019 19:46

Instrument :
MSVOA_W
ClientSampleId :
179-76-(2.1)RE

Tot Ion:117 Resp: 262264
Ion Ratio Lower Upper
117 100
82 53.7 43.6 65.4
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW013721.D
Acq: 24 Oct 2019 19:46

Tgt Ion:152 Resp: 67934
Ion Ratio Lower Upper
152 100
115 54.5 27.4 82.2
150 158.7 0.0 345.4

