

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013695.D
 Acq On : 24 Oct 2019 04:50
 Operator : SY/VA
 Sample : K5502-16
 Misc : 4.12G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 178-02-(2.3)

Quant Time: Oct 24 08:48:55 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	306218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	475711	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	393315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	140522	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	135669	59.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.12%	
35) Dibromofluoromethane	7.88	113	137253	51.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.84%	
50) Toluene-d8	10.32	98	555721	51.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.18%	
62) 4-Bromofluorobenzene	12.61	95	153644	42.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.26%	

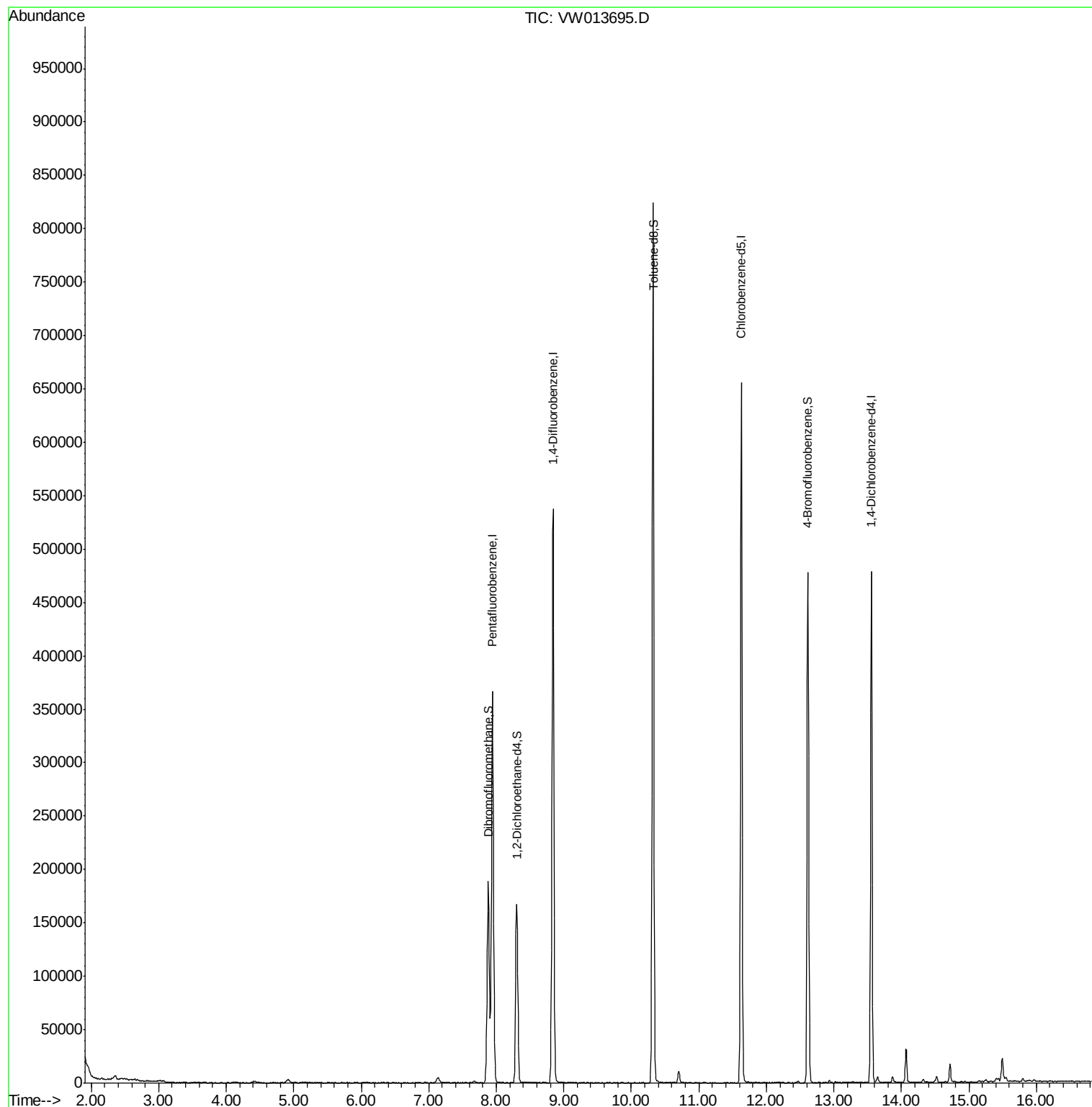
Target Compounds Qvalue

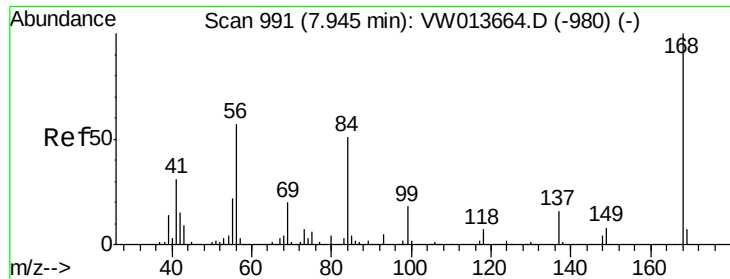
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013695.D

Acq: 24 Oct 2019 04:50

Instrument :

MSVOA_W

ClientSampleId :

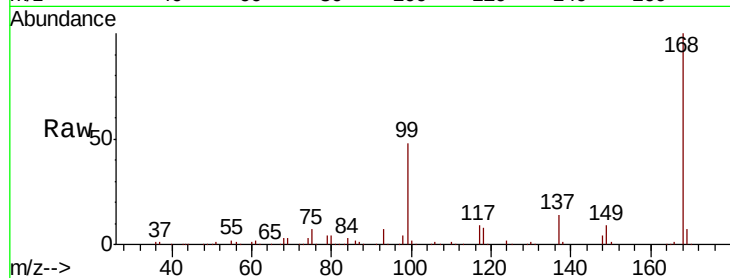
178-02-(2.3)

Tot Ion:168 Resp: 306218

Ion Ratio Lower Upper

168 100

99 47.9 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

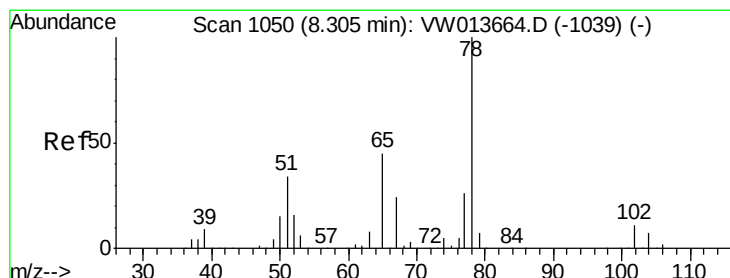
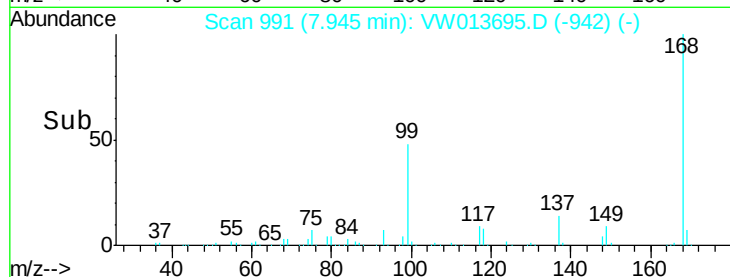
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 59.060 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013695.D

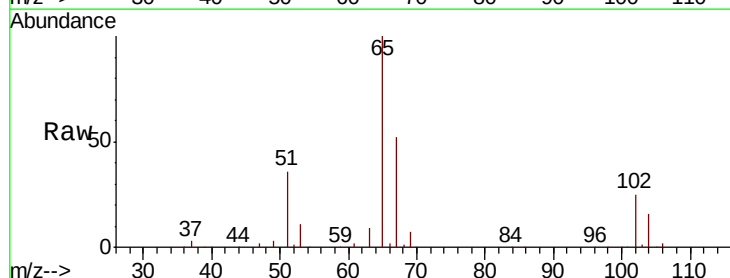
Acq: 24 Oct 2019 04:50

Tgt Ion: 65 Resp: 135669

Ion Ratio Lower Upper

65 100

67 52.0 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

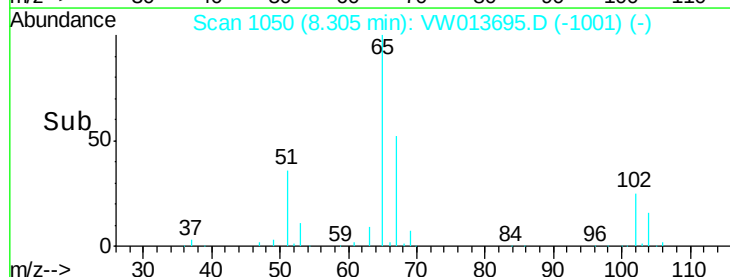
60000

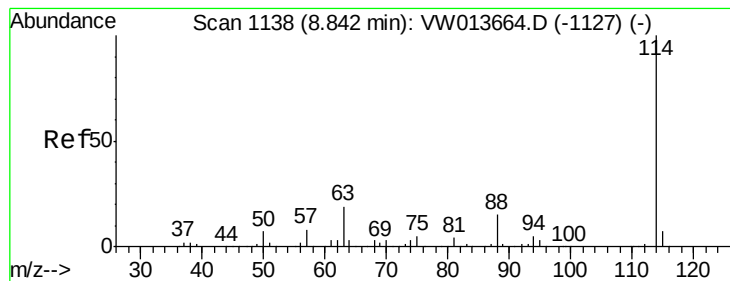
40000

20000

0

Time--> 8.20 8.30 8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013695.D

Acq: 24 Oct 2019 04:50

Instrument :

MSVOA_W

ClientSampleId :

178-02-(2.3)

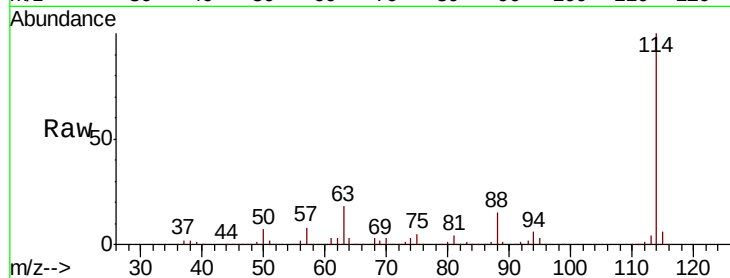
Tot Ion:114 Resp: 475711

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.6

88 14.9 0.0 30.2



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

8.84

250000

200000

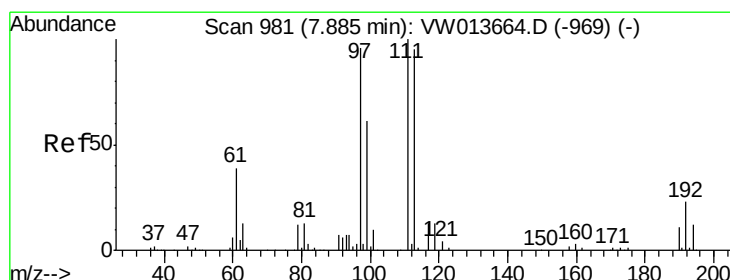
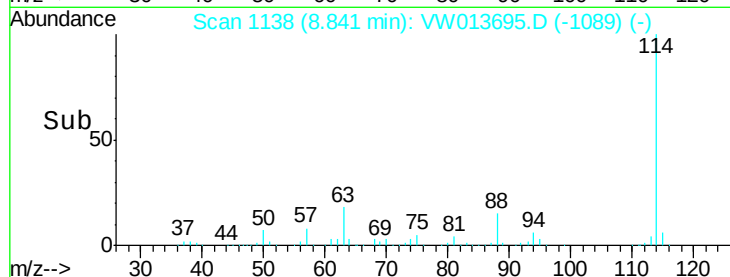
150000

100000

50000

0

Time-->



#35

Dibromofluoromethane

Concen: 51.925 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW013695.D

Acq: 24 Oct 2019 04:50

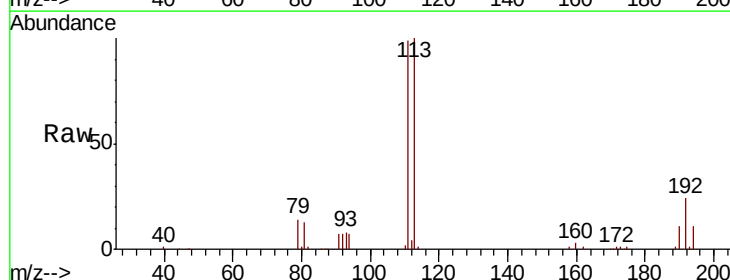
Tgt Ion:113 Resp: 137253

Ion Ratio Lower Upper

113 100

111 104.5 83.0 124.6

192 24.4 19.4 29.2



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

7.88

80000

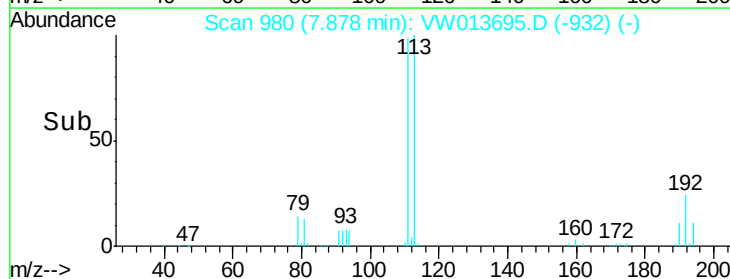
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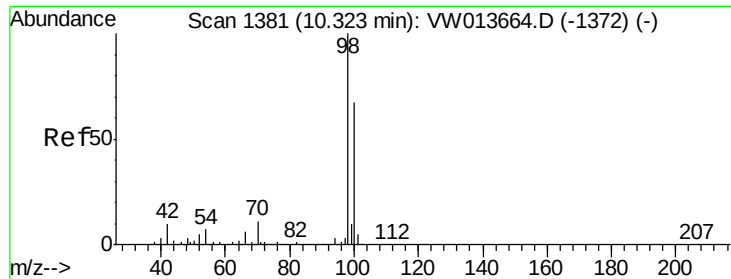
40000

20000

0

Time-->

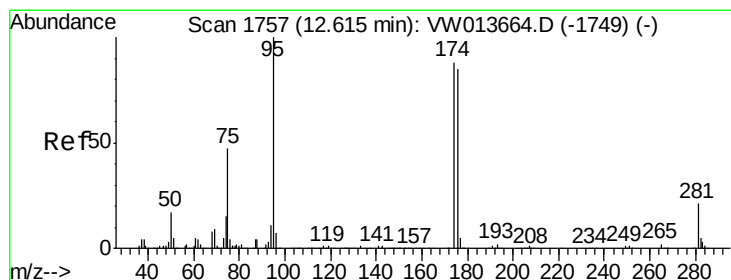
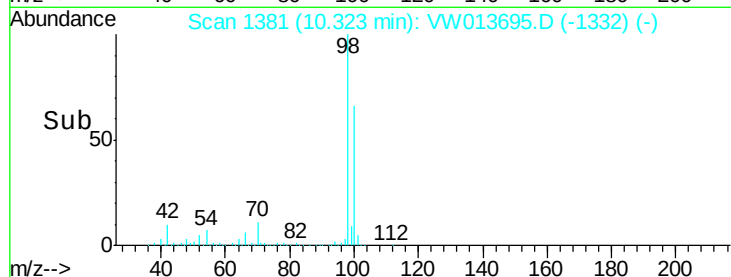
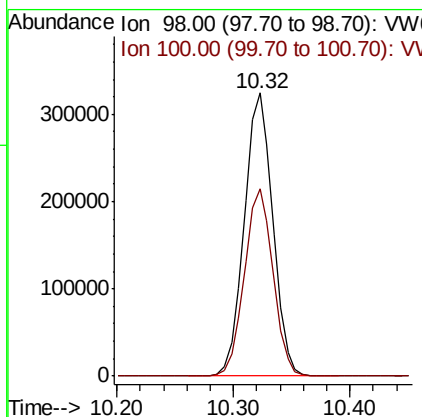
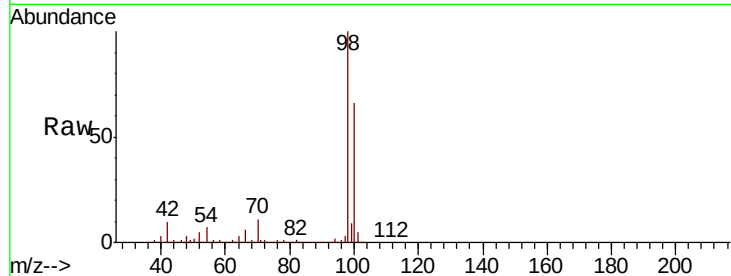




#50
Toluene-d8
Concen: 51.595 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013695.D
Acq: 24 Oct 2019 04:50

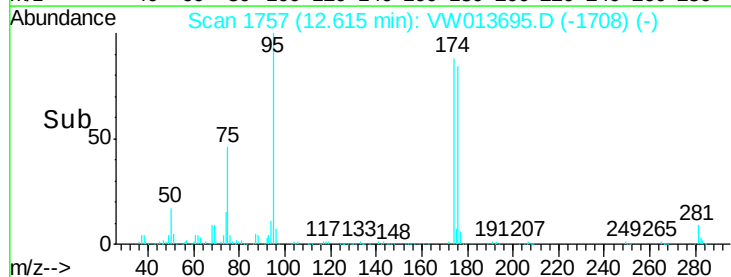
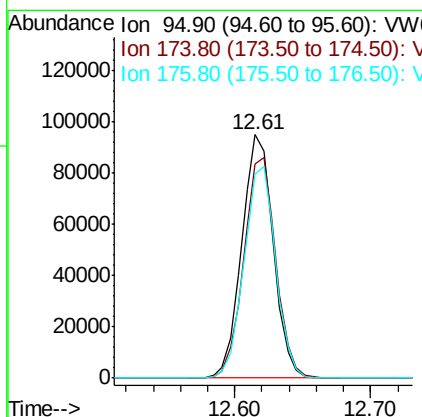
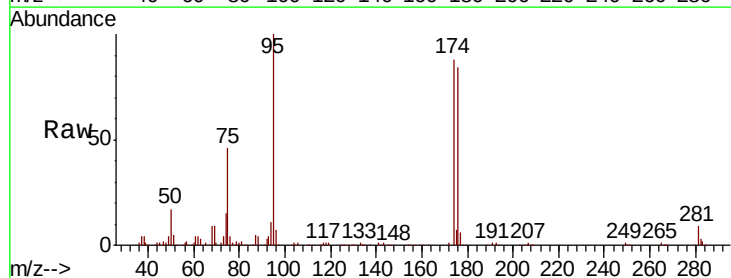
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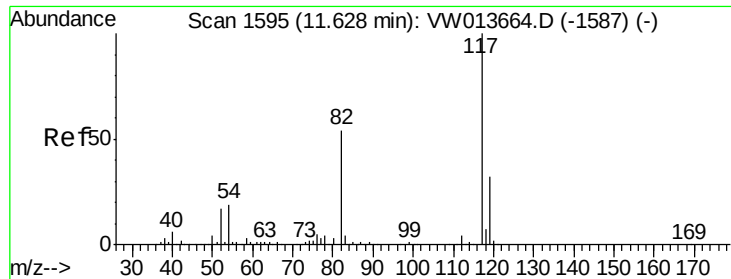
Tot Ion: 98 Resp: 555721
Ion Ratio Lower Upper
98 100
100 66.4 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 42.128 ug/l
RT: 12.61 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013695.D
Acq: 24 Oct 2019 04:50

Tgt Ion: 95 Resp: 153644
Ion Ratio Lower Upper
95 100
174 92.1 0.0 183.6
176 87.6 0.0 178.0

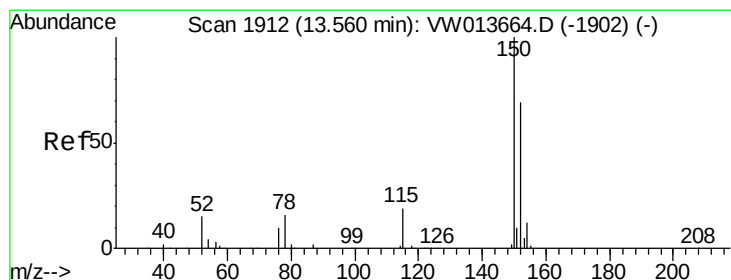
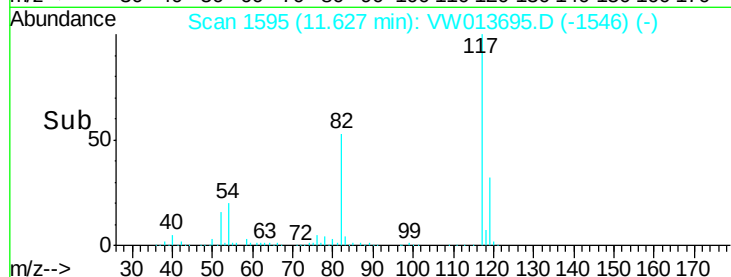
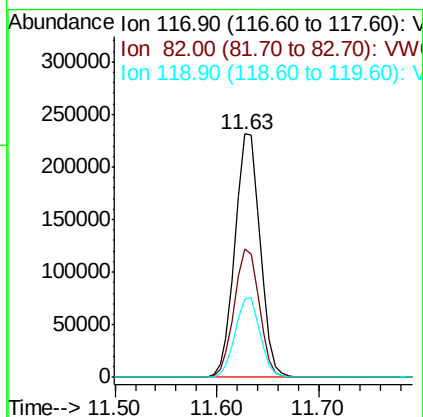
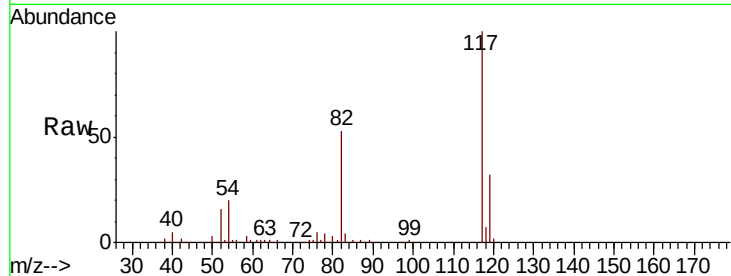




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013695.D
Acq: 24 Oct 2019 04:50

Instrument :
MSVOA_W
ClientSampleId :
178-02-(2.3)

Tot Ion:117 Resp: 393315
Ion Ratio Lower Upper
117 100
82 53.0 43.6 65.4
119 32.2 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: VW013695.D
Acq: 24 Oct 2019 04:50

Tgt Ion:152 Resp: 140522
Ion Ratio Lower Upper
152 100
115 56.5 27.4 82.2
150 158.1 0.0 345.4

