

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL113020\
 Data File : VL036033.D
 Acq On : 30 Nov 2020 19:39
 Operator : SY/AP
 Sample : VL1130ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BFB35

Quant Time: Dec 01 02:46:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL113020BRAIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Nov 30 16:37:42 2020
 QLast Update : Mon Nov 30 16:37:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.71	49	1331875	10.00	ppbv	0.00
3) 1,4-Difluorobenzene	7.22	114	4379081	10.00	ppbv	0.00
4) Chlorobenzene-d5	12.14	117	4066233	10.00	ppbv	0.00

System Monitoring Compounds

5) 1-Bromo-4-Fluorobenzene	14.47	95	3074367	9.85	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.50%

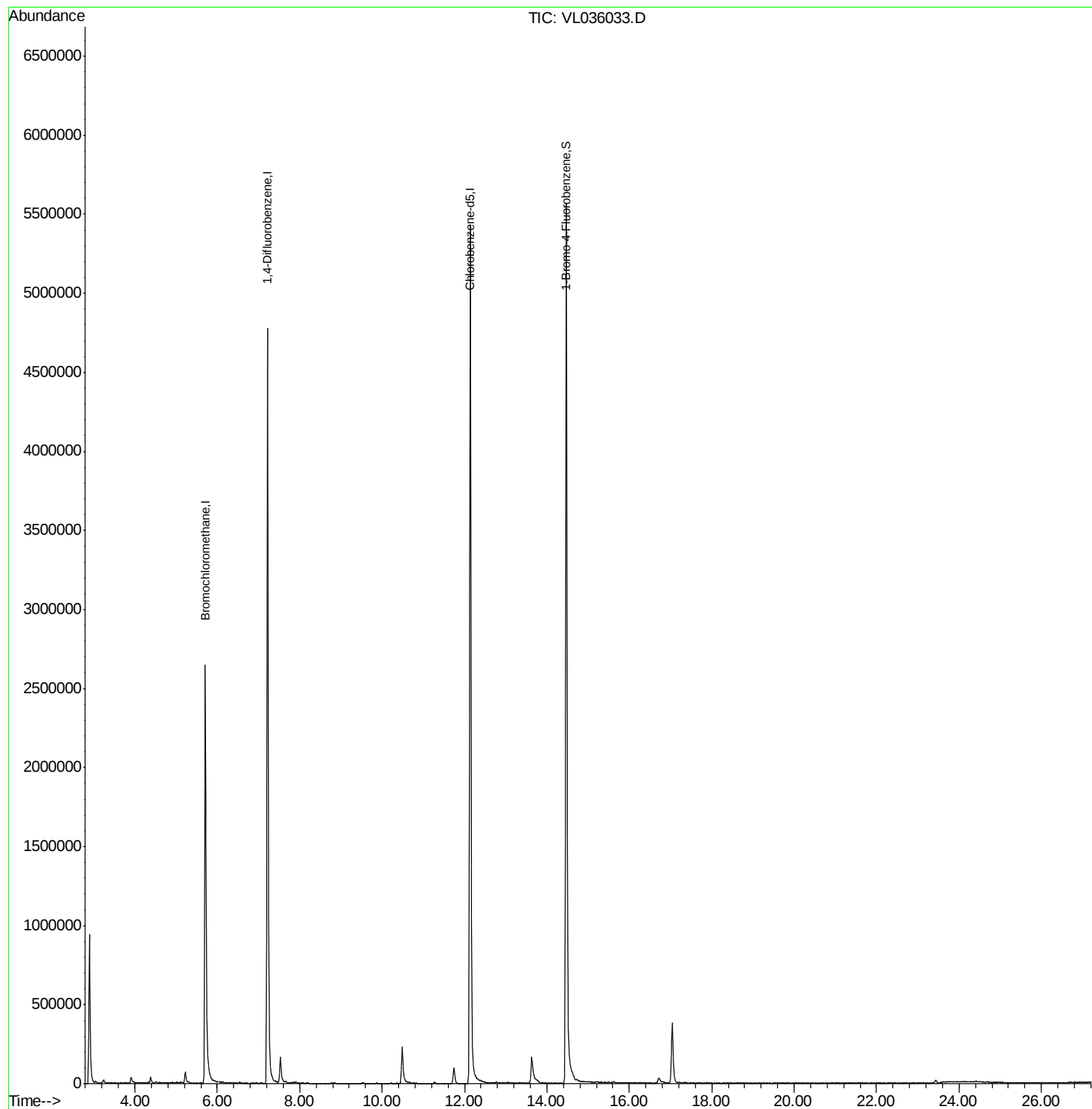
Target Compounds	Ovalue

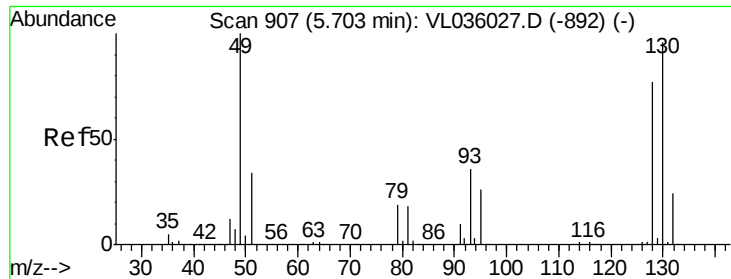
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.71 min Scan# 908

Delta R.T. 0.00 min

Lab File: VL036033.D

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Instrument :

MSVOA_L

ClientSampleId :

BFB35

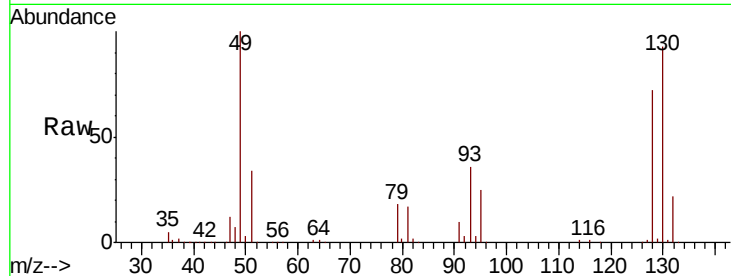
Tot Ion: 49 Resp: 1331875

Ion Ratio Lower Upper

49 100

128 73.1 38.0 114.1

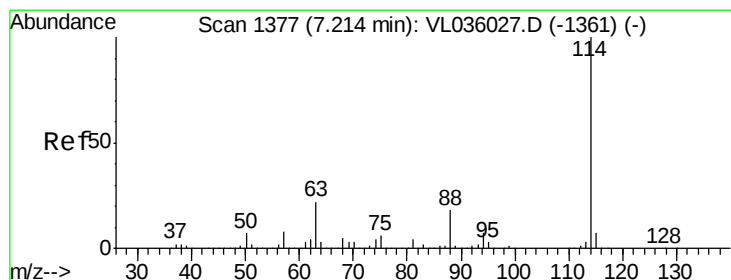
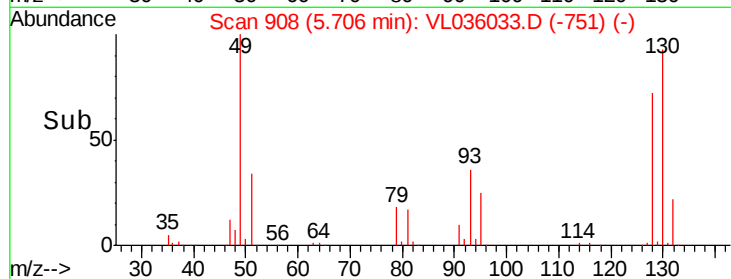
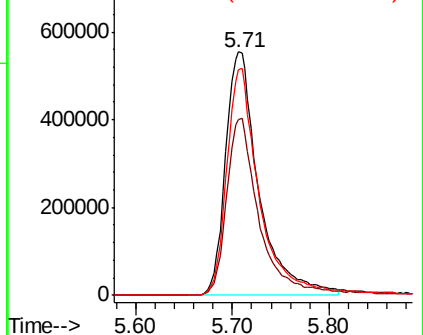
130 93.7 49.2 147.6



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#3

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.22 min Scan# 1379

Delta R.T. 0.01 min

Lab File: VL036033.D

Acq: 30 Nov 2020 19:39

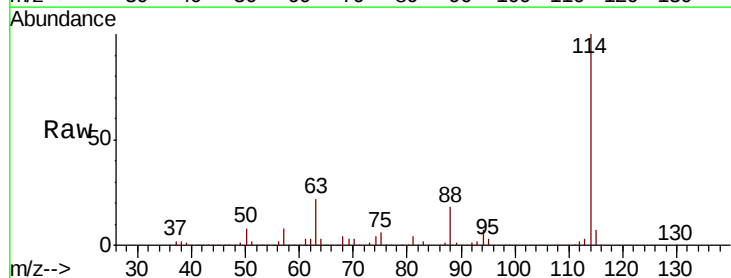
Tgt Ion: 114 Resp: 4379081

Ion Ratio Lower Upper

114 100

63 21.5 16.6 24.8

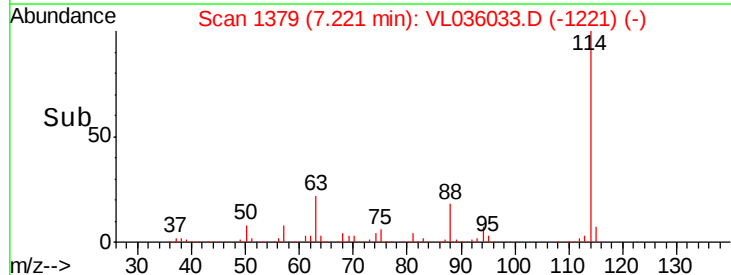
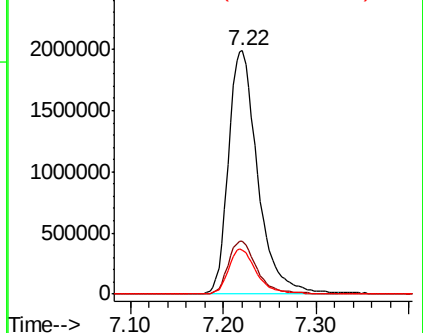
88 17.8 14.0 21.0

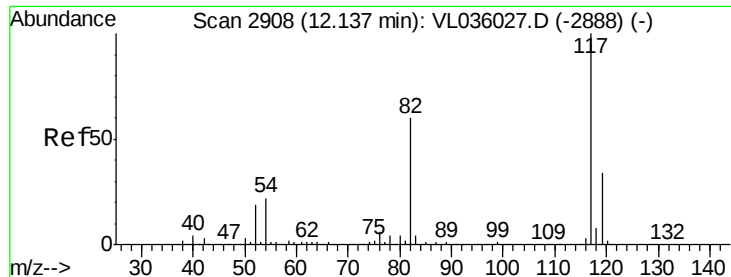


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





#4

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.14 min Scan# 2909

Delta R.T. 0.00 min

Lab File: VL036033.D

Acq: 30 Nov 2020 19:39

Instrument :

MSVOA_L

ClientSampleId :

BFB35

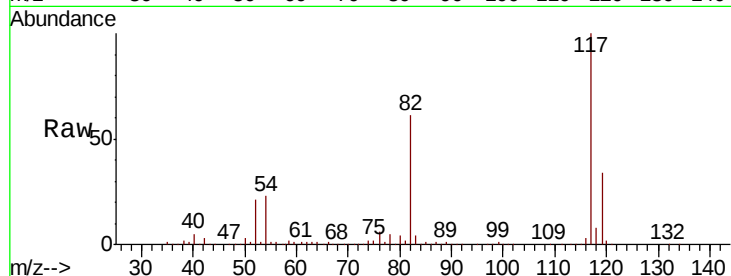
Tot Ion:117 Resp: 4066233

Ion Ratio Lower Upper

117 100

82 62.6 48.6 73.0

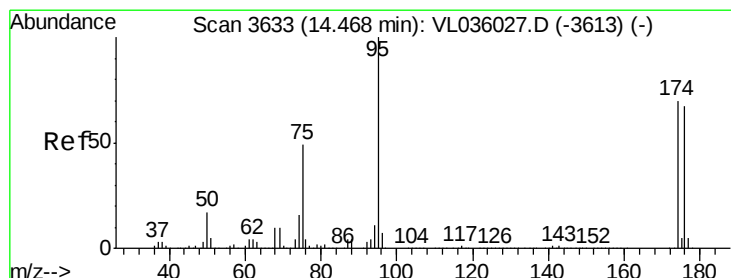
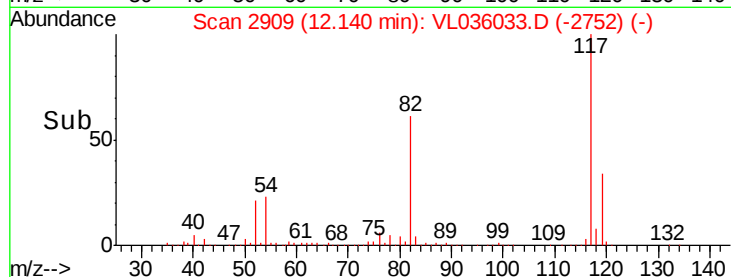
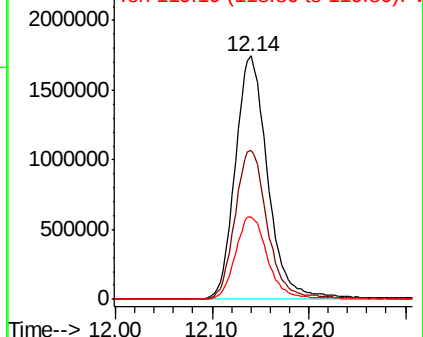
119 34.4 27.5 41.3



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#5

1-Bromo-4-Fluorobenzene

Concen: 9.846 ppbv

RT: 14.47 min Scan# 3633

Delta R.T. 0.00 min

Lab File: VL036033.D

Acq: 30 Nov 2020 19:39

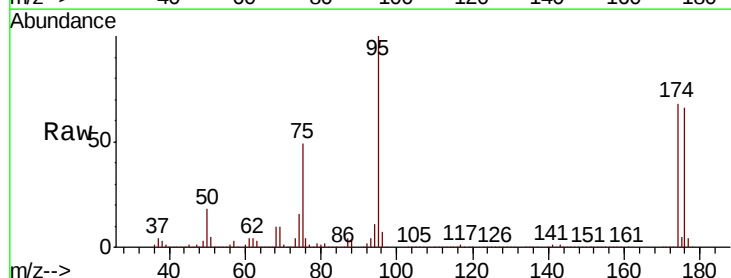
Tgt Ion: 95 Resp: 3074367

Ion Ratio Lower Upper

95 100

174 69.5 56.2 84.2

175 4.9 4.0 6.0



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

